



BROWNVILLE
PUBLIC UTILITIES BOARD

Annual Budget Report

October 1, 2022- September 30, 2023



Brownsville Public Utilities Board

A Component Unit of the City of Brownsville, Texas

ANNUAL BUDGET REPORT

October 1, 2022 - September 30, 2023

Prepared by
Finance Department

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OVERVIEW



BOARD OF DIRECTORS

As of October 1, 2022

Sandra Saenz Chair
Patricio Sampayo Vice-Chair
Sandra Lopez-Langley Secretary/Treasurer
Jude A. Benavides, Ph.D. Member
Joseph L. Hollmann, Ph.D. Member
Arturo Rendon Member
Mayor Juan “Trey” Mendez III..... Ex-Officio Member

BOARD ADMINISTRATION

John S. Bruciak, P.E. General Manager and Chief Executive Officer
Marilyn D. Gilbert. Assistant General Manager and Chief Operating Officer
Miguel A. Perez Chief Financial Officer

CITY OF BROWNSVILLE, TEXAS

City Hall/Market Square

P.O. Box 911

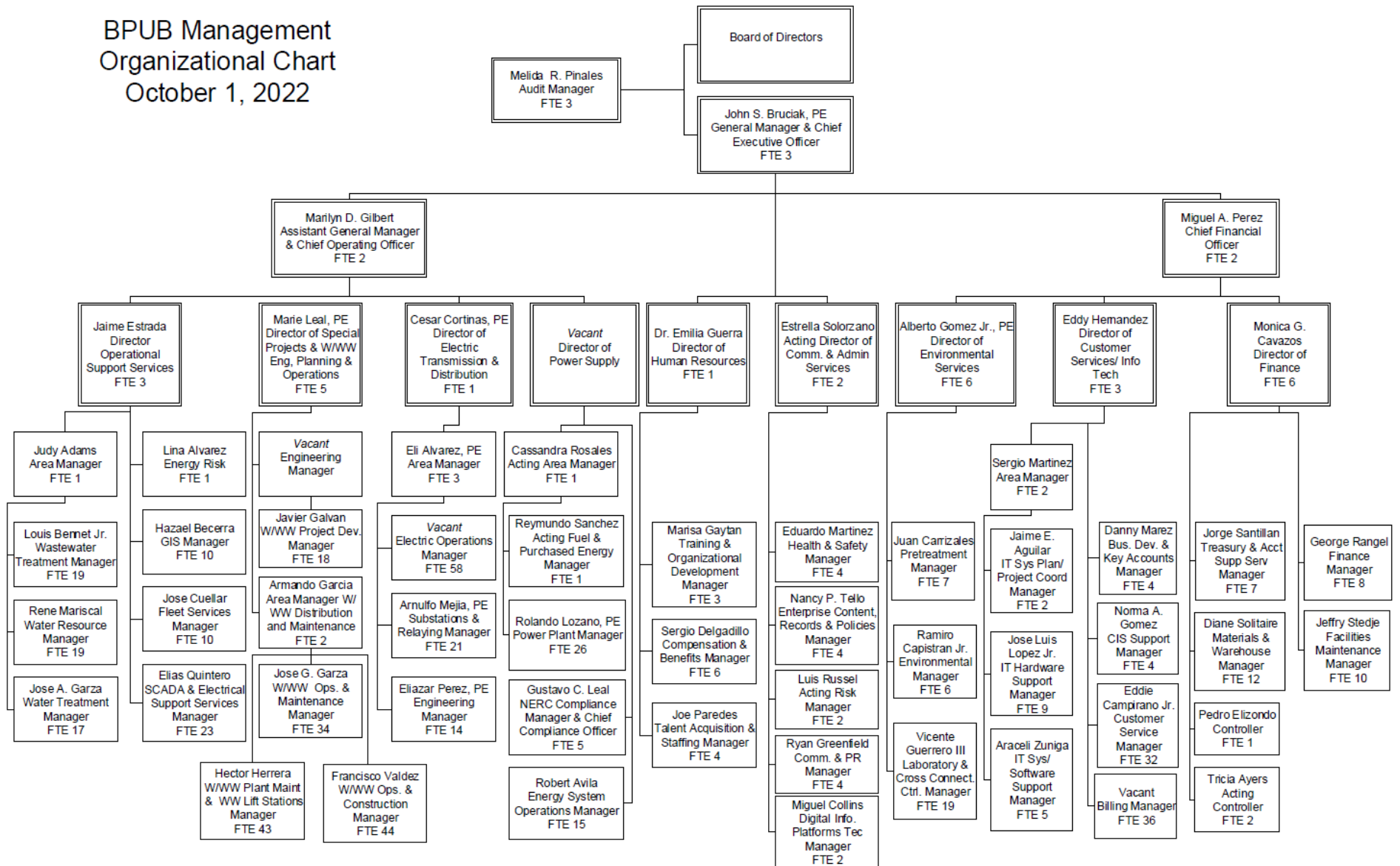
Brownsville, Texas 78520

Telephone: 956-548-6000

CITY COMMISSION

Juan “Trey” Mendez III. Mayor
John Cowen Jr. Commissioner, At-Large "A"
Rose M.Z. Gowen, M.D. Commissioner, At-Large "B"
Nurith Galonsky Pizana. Commissioner, District 1
Jessica Tetreau-Kalifa Commissioner, District 2
Roy De los Santos Commissioner, District 3
Pedro Cardenas Commissioner, District 4

BPUB Management Organizational Chart October 1, 2022



General Manager & Chief Executive Officer

John S. Bruciak, P.E.

**Assistant General Manager
& Chief Operating Officer**

Marilyn D. Gilbert

Chief Financial Officer

Miguel A. Perez

Human Resources

Dr. Emilia Guerra
Director

Internal Audit

Melida Pinales
Manager

**Communications &
Administrative Services**

Estrella Solorzano
Acting Director

Final Approved Positions

Department	Department Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Change from FY 2022 to FY 2023
1110	General Manager	3	3	3	3	3	0
1120	Internal Audit	3	3	3	3	3	0
1130	Communications & Admin Svc	2	2	2	1	1	0
1135	Communications & Public Relations	4	4	3	3	4	1
1140	Training and Organizational Develop	3	3	2	3	3	0
1165	Records Management	3	3	3	3	4	1
1170	Digital Information Platforms	0	0	1	2	2	0
1440	Health & Safety	6	4	4	4	4	0
7120	Risk/Insurance Management	2	3	3	3	2	-1
7140	Human Resources	2	3	3	3	1	-2
7145	Talent Acquisition and Staffing	4	3	3	3	4	1
7155	Compensation & Benefits	4	4	5	4	6	2
7165	Security Operations	0	2	2	2	1	-1
	TOTAL	36	37	37	37	38	1

Note:

Changes in personnel counts from FY 2022 to FY 2023 are due to interdepartmental transfers.

Assistant General Manager & Chief Operating Officer

Marilyn D. Gilbert

W/WW Engineering,
Planning & Operations

Marie Leal
Director

Electrical Systems

Cesar Cortinas
Director

Operational Support
Services

Jaime Estrada
Director

Special Projects

Marie Leal
Director

NERC Compliance

Gustavo C. Leal
Manager

Final Approved Positions

Department	Department Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Change from FY 2022 to FY 2023
1145	Electrical Systems	3	3	4	3	4	1
2120	Substations & Relaying	24	23	23	23	13	-10
2130	Elec. T&D Construction & Maintenance	50	50	50	49	58	9
2140	Elec. T&D Maintenance	0	0	0	0	0	0
2150	Energy Control Center Operations	15	15	15	15	15	0
2210	SCADA & Elec. Support Services	23	23	23	23	23	0
2220	Power Production	27	27	27	28	27	-1
2310	Electric Meter Shop	8	8	8	8	8	0
2410	Electric Engineering	13	13	12	14	14	0
3110	W/WW Eng, Planning & Operations	2	3	3	2	2	0
3120	Water Plant I	10	10	9	10	10	0
3130	Water Plant II	8	8	8	7	8	1
3135	Resaca Maintenance	9	9	9	9	15	6
3140	Raw Water Supply	4	4	4	4	4	0
3145	W/WW Plant Maintenance	13	12	12	12	12	0
3150	W/WW Operations & Construction	67	70	45	45	44	-1
3155	W/WW Operations & Maintenance	0	0	34	34	34	0
3160	Potable Water Transport Services	0	0	3	2	2	0
3210	South WW Treatment Plant	8	9	8	9	8	-1
3220	Robindale WW Treatment Plant	11	10	11	10	11	1
3225	W/WW Sludge Management	8	8	8	9	9	0
3230	Wastewater Lift Stations	34	32	20	20	20	0
3310	W/WW Engineering	16	17	17	18	20	2
4105	Operations	2	3	3	3	5	2
4110	Energy Risk Management	1	1	1	1	1	0
4115	Asset Management	0	0	0	0	0	0
4210	NERC Compliance	5	5	5	5	5	0
4220	Fuel & Purchased Energy Supply	2	2	2	2	1	-1
4310	Operational Support Services	4	4	5	4	3	-1
7125	Right-of-Way	0	0	0	0	2	2
7135	Geographic Information Systems	10	10	10	10	8	-2
7150	Fleet Management	10	10	10	10	10	0
	TOTAL	387	389	389	389	396	7

Note:

Changes in personnel counts from FY 2022 to FY 2023 are due to interdepartmental transfers.

Chief Financial Officer

Miguel A. Perez

**Customer &
Information Services**

Eddy Hernandez
Director

Environmental Services

Alberto Gomez
Director

Accounting

Pedro Elizondo
Controller
Tricia Ayers
Controller

Finance

Monica Garza Cavazos
Director

George Rangel
Finance Manager

Purchasing/Warehouse

Diane Solitaire
Manager

**Treasury and Accounting
Support Services**

Jorge Santillan
*Treasury and Accounting
Support Services Manager*

Final Approved Positions

Department	Department Name	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Change from FY 2022 to FY 2023
1125	Key Account Marketing	4	4	4	4	4	3	-1
1410	Environmental Services	5	5	6	6	6	6	0
1420	Environmental Compliance	6	6	6	5	6	6	0
1422	Analytical Lab	16	16	16	16	16	16	0
1430	Pre-treatment	8	8	7	8	7	7	0
1435	Cross Connection Control	3	3	3	3	3	3	0
5110	Finance	7	7	9	9	10	10	0
5120	Accounting	16	17	17	17	15	13	-2
5130	Purchasing	7	7	7	7	7	7	0
5140	Revenue Recovery	3	3	3	3	3	3	0
6105	Customer & Information Services	3	3	3	3	3	3	0
6110	Customer Service	13	14	14	14	14	12	-2
6115	Collections	4	4	4	4	4	4	0
6120	Billing	8	9	9	9	9	9	0
6125	Call Center	12	12	12	12	12	12	0
6130	Meter Services	10	9	9	9	9	9	0
6135	CIS Support	3	3	3	3	3	4	1
6145	Energy Efficiency & Conservation	1	1	1	1	1	1	0
6150	Meter Reading	14	14	14	14	14	14	0
6160	Cashiers	9	8	8	8	8	8	0
7130	Information Technology	18	17	17	17	17	18	1
7160	Facility Maintenance	4	4	4	4	4	5	1
7170	Warehouse	6	6	5	5	5	5	0
7175	Facility Maint-FM 511 Service Yard	0	0	4	4	4	4	0
7180	Facility Maintenance-Annex	0	0	0	0	1	1	0
9110	Company-wide Expenses	1	1	0	0	0	0	0
TOTAL		181	181	185	185	185	183	-2

Note:

Changes in personnel counts from FY 2022 to FY 2023 are due to interdepartmental transfers.



December 9, 2022

We are pleased to present the Fiscal Year 2023 Budget of the Public Utilities Board of the City of Brownsville, Texas (Brownsville PUB). This budget funds the Brownsville PUB's three essential utility services: Electric, Water, and Wastewater. This document is the final step in a process that begins in May and extends until the budget is finally adopted in September. It is the culmination of many weeks and months of discussion and preparation by department heads, various staff members within those departments, the Executive Team and the Board of Directors. This Budget is submitted in accordance with Brownsville PUB Bond Ordinance Requirements and is comprised of the Revenue Budget, Operations & Maintenance Expense (O&M) Budget, Debt Service and Capital Budget. As required, the document presents a balanced budget (i.e., expenses and transfers do not exceed revenues) of \$253.62 million. The budget has been prepared using the accrual basis of accounting. Revenues and expenses are subject to appropriation of the Brownsville PUB's enterprise fund. This budget supports our mission to reliably provide essential services and community support through our valued and dedicated workforce.

The Brownsville PUB's FY 2023 Budget supports the Board's strategic goals to be the foundation for our community's future through customer service and community partnership, employee satisfaction and collaboration, environmental stewardship, innovation and continuous improvement, open communication and safety. All three utilities provide 24-hours-per-day/7 days-per-week/365 days-per-year operations and essential service delivery to meet our customers' electric, water and wastewater service needs. Without reducing services, we have prioritized funding to ensure system reliability, regulatory compliance, resource sustainability, health and safety, community benefits and jobs, as well as environmental stewardship.

The Budget is more than a projection of revenues and expenses for the upcoming year. The Budget is the financial guide for the operation of the Brownsville PUB during the upcoming fiscal year. The adoption of this document is one of the most significant actions taken by the Board annually. The Budget establishes the financial limits used to provide utility services to the Brownsville PUB customers. It serves as the ultimate guide for the General Manager & CEO and staff when planning, organizing and implementing the policies and practices needed to provide safe, reliable service at the most economical rates possible.

The Revenue, O&M, Debt Service and Capital Budgets were presented and approved by the Board on September 12, 2022.

The proposed O&M, Personnel and Capital Budgets have been thoroughly reviewed by Executive Management, Directors, Managers and Finance Staff. This group of personnel scrutinized each budget in detail with each Department Head and recommended changes in requested vs recommended amounts in order to balance the needs of all departments to the available funding levels.

The approved budget has a number of key decisions the Board considered as the budget was reviewed.

- In May 2022, the Brownsville City Commission approved rate adjustments in a phased approach over two years. The first round of adjustments went into effect on June 1, 2022. The electric rate was reduced by 11% while the water and wastewater rates increased by 8% and 9%, respectively. The water and wastewater rates will increase an additional 8% and 9%, respectively on January 1, 2023. In October 2022, the Brownsville City Commission approved the acceleration of the reduction to the electric rates which went into effect on December 1, 2022. Along with the rate adjustments, the Brownsville City Commission also approved a new Resaca Fee of \$4.50 for all water customers which went into effect on June 1, 2022. This rate is scheduled to increase to \$6.25 on January 1, 2023. These rate adjustments and fees were included when developing the revenue projections for the FY 2023 budget.
- Operating Subaccount – Fuel Adjustment: The approved budget includes \$6.0 million to serve as a customer bill reduction plan through the subsidization of a portion of the Fuel & Purchased Energy Charge.
- Pay As You Go (PAYGO) – CIP Funding: The approved budget includes \$8.9 million to fund Capital Improvement Projects with cash.
- Pay As You Go (PAYGO) – Resaca CIP Funding: The approved budget includes \$.360 million to fund Resaca Capital Improvement Projects with cash collected from the Resaca Fee.
- Internal market study salary adjustments throughout the organization averaging 9%.

The budget preparation process and budget preparation calendar are presented in additional detail on pages 35 through 38.

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FY 2023 BUDGET

The Budget for FY 2023 is divided into six major sections:

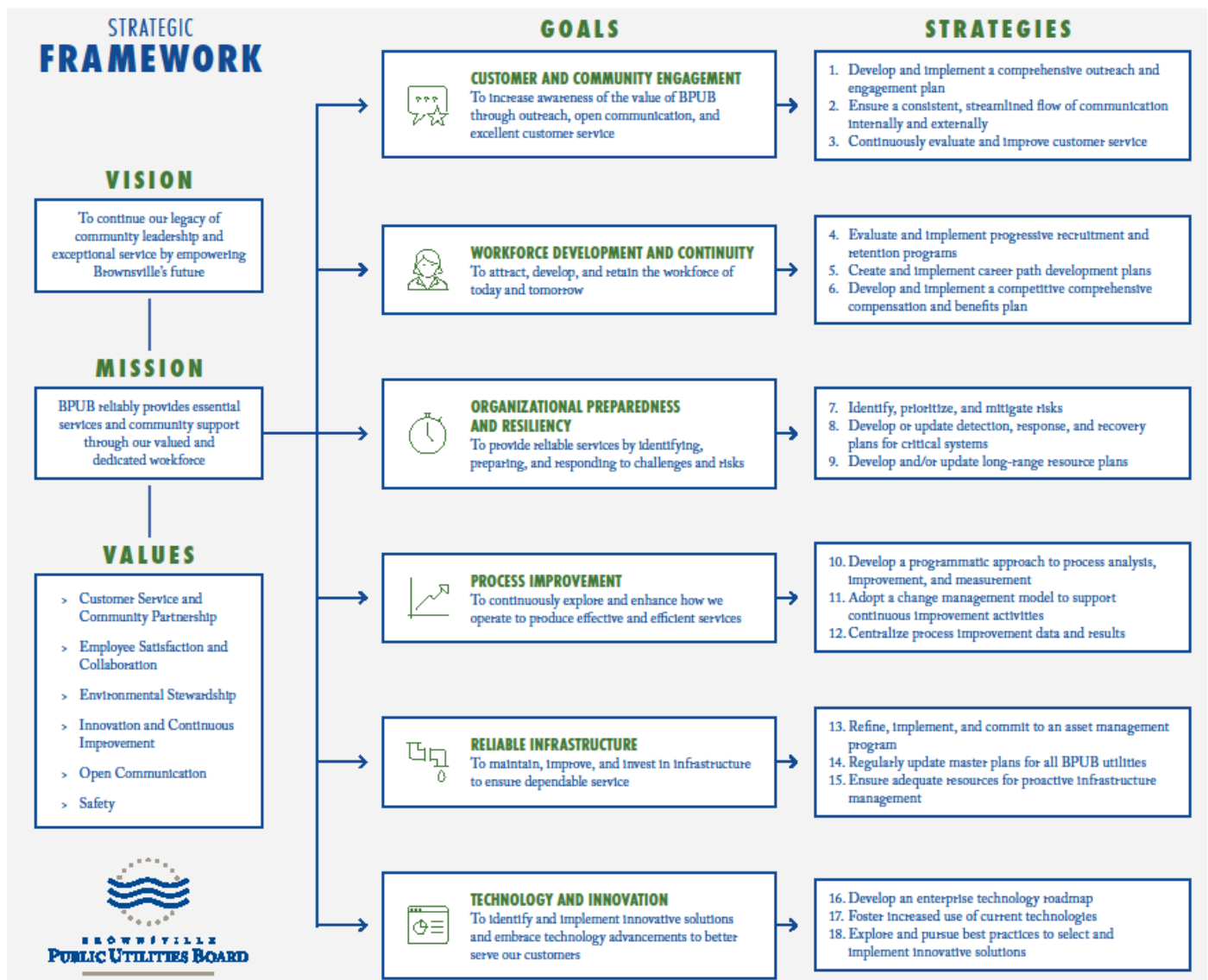
1. **OVERVIEW** – This section includes the following information:
 - a. Organizational Chart
 - b. Summary Letter
 - c. GFOA Distinguished Budget Presentation Award for FY Beginning 10/1/21
 - d. Budget Program
 - e. Budget Preparation Process & Procedures
 - f. Budget Preparation Calendar
 - g. Significant Financial Program Components
 - h. Total Combined Utility Requirements Chart
 - i. FY 2023 Uses of Funds Chart
 - j. FY 2023 Requirements as a Percent of Total Budget Chart
 - k. Budget Recap FY 2023 Revenues
 - l. FY 2023 Revenues - Utility Percent by Revenue Type Chart
 - m. O&M Expenses Recap by Type FY 2013 – FY 2023
 - n. O&M Expenses Recap by Account FY 2018 – FY 2023
 - o. O&M Expenses Recap by Department & Type – FY 2023
 - p. O&M Expenses Recap by Department FY 2018 – FY 2023
 - q. O&M Expenses Recap by Department FY 2023 Budget
 - r. FY 2023 Approved Budgeted Number of Positions by Division/Organization
 - s. Net Position Computation of Change in Net Position and Funds Available for Capital and Reserve Funds
 - t. Unit Sales Statistics
 - u. Outstanding Debt
 - v. Outstanding Principal Debt through Maturity - Graph
 - w. Debt Service
 - x. Debt Service Requirements by Fiscal Year
2. **REVENUES** – Contains the historical and forecasted revenues for each utility system, and discussion about revenue sources and trends.
3. **O&M EXPENSE BUDGET** – Contains the Operations & Maintenance Expenses summarized by Department, and by Account. Also included is a description of each department's major functions, accomplishments and performance measures.
4. **CAPITAL BUDGET** – Contains details of the funding sources and expenditures needed for facilities extensions, plant expansions and improvements, machinery, and vehicles.
5. **GRANTS** – Contains details of grants, funding agencies, grant amounts, and grant period.
6. **APPENDICES** – Contains a description of Brownsville PUB's Operations Expense Analysis by Account, maps of the Utility's service territory, a glossary and statistical section.

STRATEGIC PLAN

During 2019, with the assistance of a consultant, Brownsville PUB developed its 2019-2024 Strategic Plan to identify the key issues that would influence the utility's efforts over the next five years. The 2019-2024 Strategic Plan supports Brownsville PUB's legacy of community leadership and exceptional service.

Brownsville PUB's Strategic Plan promotes strategies regarding our customers and community, the workforce, processes improvement and reliable infrastructure in support of Brownsville PUB's Mission Statement to reliably provide essential services and community support through our valued and dedicated workforce.

The following table summarizes each of Brownsville PUB's six priority goals and the strategies to accomplish these goals as identified in the Strategic Plan for implementation.



UNIT SALES

Projected unit sales and revenues are based on three-year averages of historical data.

Projected unit sales are as follows:

	Budget FY 2022	UNAUDITED Year End FY 2022	Percent Difference	Approved FY 2023	Percent Difference FY 2023 vs UNAUDITED Year End FY 2022
Electric (kWh)	1,344,753,072	1,389,613,240	3.34%	1,349,033,813	-2.92%
Water (1,000 gallons)	6,685,218	6,749,817	0.97%	6,887,098	2.03%
Wastewater (1,000 gallons)	4,645,404	4,783,595	2.97%	4,791,021	0.16%

REVENUES

The schedule below summarizes sales revenues, excluding electric off-system sales revenues, by utility system:

	Amended Budget FY 2022	UNAUDITED Year End FY 2022	Percent Difference	Approved FY 2023	Percent Difference FY 2023 vs UNAUDITED Year End FY 2022
Electric	\$ 149,238,571	\$ 189,294,165	26.84%	\$ 163,142,475	-13.82%
Water	27,650,070	28,825,681	4.25%	34,256,484	18.84%
Wastewater	24,912,676	24,919,008	0.03%	25,069,539	0.60%
Total Sales Revenues	\$ 201,801,317	\$ 243,038,853	20.43%	\$ 222,468,498	-8.46%

The schedule below summarizes total revenues by general category:

	Approved Budget FY 2023	Percent of Total	Amended Budget FY 2022	Percent of Total
Sales & Service To Customers	\$ 222,468,498	87.72%	\$ 201,801,317	89.78%
Off-System Sales Revenue	15,000,000	5.91%	10,000,000	4.45%
Interest From Investments	2,000,000	0.79%	300,000	0.13%
Other Operating & Non-Operating Revenues	14,155,448	5.58%	12,671,382	5.64%
Total Revenues	<u>\$ 253,623,946</u>	<u>100.00%</u>	<u>\$ 224,772,699</u>	<u>100.00%</u>

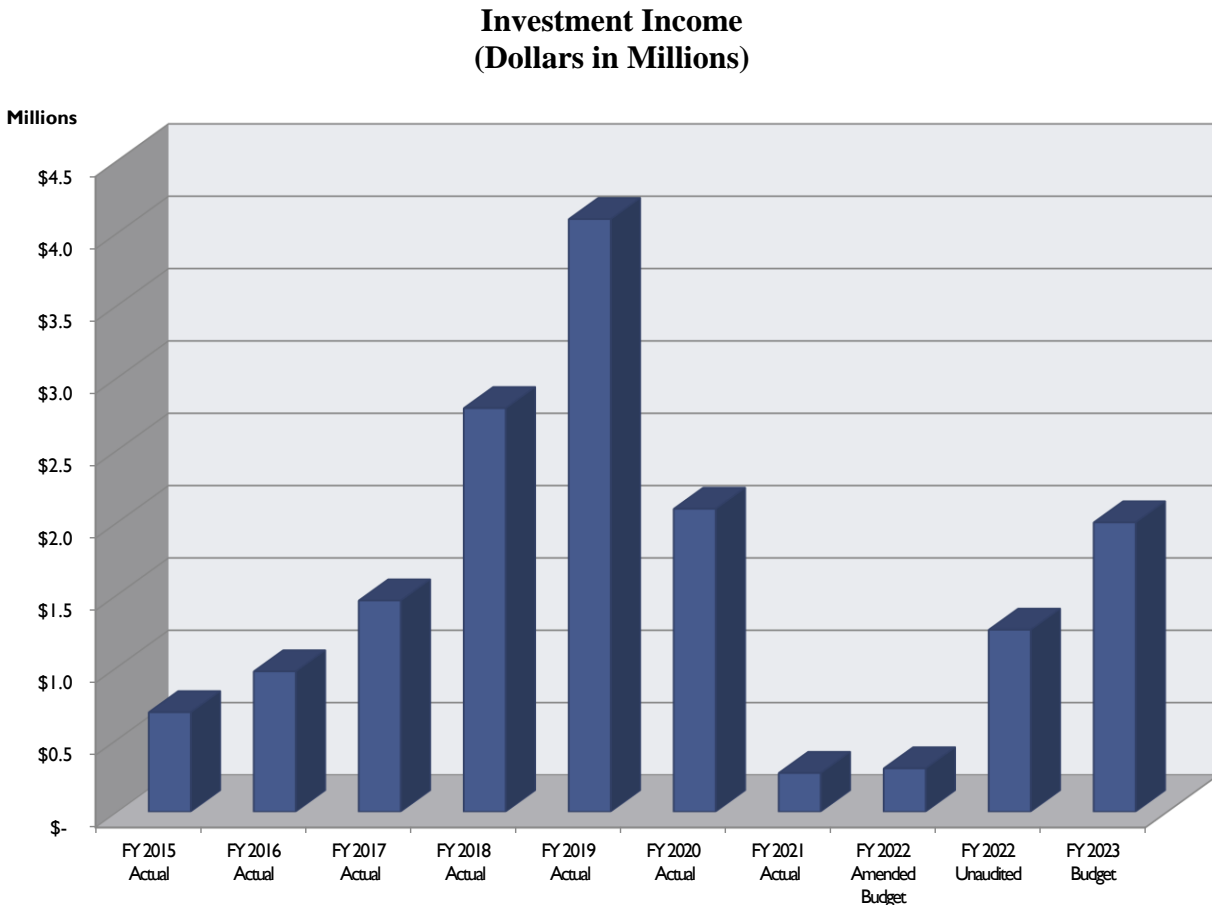
Projected electric unit sales in kilowatt hours are expected to decrease in FY 2023 from FY 2022 unaudited Year-end by 2.92%. Comparing the approved FY 2023 vs amended FY 2022 sales revenue budget, electric base and fuel revenues are expected to increase by 9.32%.

FY 2022 unaudited year-end water revenues were 4.25% higher than FY 2022 amended budget projections. Compared to budgeted water revenues for FY 2022, water revenues for FY 2023 are expected to increase by 23.93%. The increase is largely attributed to rate increases as well as the

implementation of the Resaca Fee for FY 2023. Wastewater revenues will increase by 0.63% for FY 2023 approved budget compared to FY 2022 amended budget.

Investment Income

The following chart illustrates actual and budgeted utility investment earnings over the past several fiscal years. Investment income which is conservatively projected based on projected investment balances is expected to increase in FY 2023 vs actual unaudited FY 2022 and budgeted FY 2022.



Revenues are discussed in additional detail on pages 73 through 83.

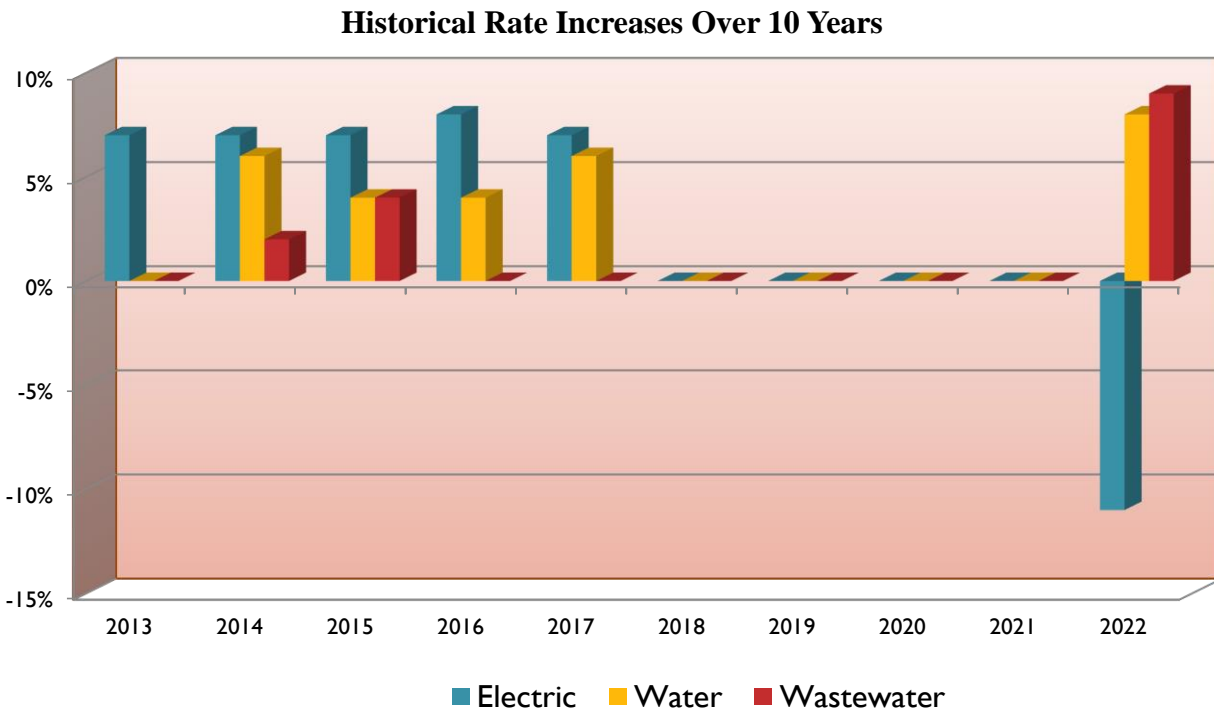
RATES

In May of 2022, the Brownsville City Commission approved rate adjustments for all three utilities that would go in effect on June 1, 2022. The electric rate was reduced by 11% while the water and wastewater utilities increased by 8% and 9%, respectively. During the compilation of this document, the City Commission approved to accelerate the second 11% reduction to the electric rate, which went into effect on December 1, 2022. While affordability is always a concern, the rate adjustments implemented this year will allow the Brownsville PUB to continue investing in core service areas including energy reliability, water quality and wastewater treatment services.

We will compare revenues to spending on a continual basis to ensure that adequate operating requirements and reserves are maintained and improved.

Historical Rate Increases

The following charts illustrate utility rate increases over the last ten (10) years.



BASE RATE ADJUSTMENTS SYSTEM RATE INCREASES - LAST TEN (10) YEARS

FY	Electric	Water	Wastewater
2022 ⁶	-11.0%	8.0%	9.0%
2021	-	-	-
2020	-	-	-
2019	-	-	-
2018	-	-	-
2017 ⁵	7.0%	6.0%	-
2016 ⁴	8.0%	4.0%	-
2015 ³	7.0%	4.0%	4.0%
2014 ²	7.0%	6.0%	2.0%
2013 ¹	7.0%	-	-

⁶ Effective June 1, 2022

⁵ Effective October 1, 2016

⁴ Effective October 1, 2015

³ Effective October 1, 2014

² Effective October 1, 2013

¹ Effective April 1, 2013

Residential Bill Averages

Utility Service	Average Consumption	September 2020	September 2021	September 2022
Electric	1,000 kWh	\$ 102.00	\$ 102.00	\$ 147.71
Water	10,000 gallons	\$ 33.84	\$ 33.84	\$ 41.08
Wastewater	8,000 gallons	\$ 35.25	\$ 35.25	\$ 38.43

OPERATIONS & MAINTENANCE EXPENSE BUDGET

PERSONNEL

The FY 2023 Personnel Budget includes twenty-six reclassified positions compared to the Original FY 2022 Budget. The reclassifications did not increase or decrease the total position count as approved in the FY 2022 Budget. For Fiscal Year 2023, six new positions are included in the Additions and are added to the total positions approved for Fiscal Year 2023.

The following is a summary of FY 2022 changes:

POSITIONS APPROVED FOR FY 2022 BUDGET

611

FY 2023 Deletions:

<u>Department</u>	<u>Department No.</u>	
Key Account Marketing	1125	-1
Substations and Relaying	2120	-10
Power Production	2220	-1
W/WW Operations & Construction	3150	-1
South Wastewater Treatment Plant	3210	-1
Fuel & Purchased Energy Supply	4220	-1
Operational Support Services	4310	-1
Accounting	5120	-2
Customer Service	6110	-2
Risk/Insurance Management	7120	-1
Geographic Information Systems	7135	-2
Human Resources	7140	-2
Security Operations	7165	-1
	Subtotal	-26

FY 2023 Additions:

<u>Department</u>	<u>Department No.</u>	
Communications & Public Relations	1135	1
Elec Transmission and Distribution	1145	1
Records Management	1165	1
Elec Trans and Dist Construction & Maintenance	2130	9
Water Plant II	3130	1
Resaca Maintenance	3135	6
Robindale Wastewater Treatment Plant	3220	1
Water & Wastewater Engineering	3310	2
Operations	4105	2
CIS Support	6135	1
Right-of-way	7125	2
Information Technology	7130	1
Talent Acquisition and Staffing	7145	1
Compensation & Benefits	7155	2
Facility Maintenance	7160	1
	Subtotal	32

POSITIONS APPROVED FOR FY 2022 BUDGET
ADDITIONAL POSITIONS APPROVED
POSITIONS APPROVED FOR FY 2023 BUDGET

611

6

617

The number of temporary full-time employees for FY 2023 is currently at 14 as illustrated on a separate schedule on page 24.

The amended Personnel Budget for FY 2022 totaled \$47,377,743, an increase of \$6,759,964 or 16.64%, as compared to actual Personnel Budget expenses for FY 2021.

The approved Personnel Budget for FY 2023 totals \$48,224,440, an increase of \$846,697 or 1.79% from the amended FY 2022 Personnel Budget.

NUMBER OF FULL-TIME POSITIONS

DEPARTMENT	FINAL FY 2019	FINAL FY 2020	FINAL FY 2021	FINAL FY 2022	APPROVED FY 2023
1110 GENERAL MANAGER	3	3	3	3	3
1120 INTERNAL AUDIT	3	3	3	3	3
1125 KEY ACCOUNT MARKETING	4	4	4	4	3
1130 COMMUNICATIONS & ADMINISTRATIVE SVC	2	2	2	1	1
1135 COMMUNICATIONS & PUBLIC RELATIONS	4	4	3	3	4
1140 TRAINING AND ORGANIZATIONAL DEVELOP	3	3	2	3	3
1150 BOARD OF DIRECTORS	-	-	-	-	-
1165 RECORDS MANAGEMENT	3	3	3	3	4
1170 DIGITAL INFORMATION PLATFORMS	-	-	1	2	2
1410 ENVIRONMENTAL SERVICES	6	6	6	6	6
1440 HEALTH & SAFETY	6	4	4	4	4
4105 OPERATIONS	3	3	3	3	5
4115 ASSET MANAGEMENT	-	-	-	-	-
4310 OPERATIONAL SUPPORT SERVICES	3	3	4	3	3
5110 FINANCE	8	9	9	10	10
5120 ACCOUNTING	18	17	17	15	13
5130 PURCHASING	7	7	7	7	7
7120 RISK/INSURANCE MANAGEMENT	2	3	3	3	2
7125 RIGHT-OF-WAY	-	-	-	-	2
7130 INFORMATION TECHNOLOGY	17	17	17	17	18
7135 GIS	10	10	10	10	8
7140 HUMAN RESOURCES	3	3	3	3	1
7145 TALENT ACQUISITION AND STAFFING	3	3	3	3	4
7150 FLEET MANAGEMENT	10	10	10	10	10
7155 COMPENSATION & BENEFITS	4	4	5	4	6
7160 FACILITY MAINTENANCE	4	4	4	4	5
7165 SECURITY OPERATIONS	-	2	2	2	1
7170 WAREHOUSE	5	5	5	5	5
7175 FACILITY MAINTENANCE-FM511 SVC YARD	-	4	4	4	4
7180 FACILITY MAINTENANCE-ANNEX	-	-	-	1	1
9110 COMPANY-WIDE EXPENSES	-	-	-	-	-
TOTAL ADMINISTRATIVE	131	136	137	136	138
5140 REVENUE RECOVERY	3	3	3	3	3
6105 CUSTOMER & INFORMATION SERVICES	3	3	3	3	3
6110 CUSTOMER SERVICE	14	14	14	14	12
6115 COLLECTIONS	4	4	4	4	4
6120 BILLING	9	9	9	9	9
6125 CALL CENTER	12	12	12	12	12
6130 METER SERVICES	9	9	9	9	9
6135 CIS SUPPORT	3	3	3	3	4
6150 METER READING	14	14	14	14	14
6160 CASHIERS	8	8	8	8	8
TOTAL CUSTOMER SERVICE	79	79	79	79	78

NUMBER OF FULL-TIME POSITIONS (Continued)

		FINAL	FINAL	FINAL	FINAL	APPROVED
	DEPARTMENT	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
1145	ELECT TRANSMISSION AND DISTRIBUTION	3	3	4	3	4
1420	ENVIRONMENTAL COMPLIANCE	6	6	5	6	6
2120	SUBSTATIONS AND RELAYING	23	23	23	23	13
2130	ELEC TRANS & DIST CONSTRUCTION & MAINTENANCE	50	50	50	49	58
2140	ELEC TRANS & DIST MAINTENANCE	-	-	-	-	-
2150	ENERGY CONTROL CENTER OPERATIONS	15	15	15	15	15
2210	SCADA & ELECTRICAL SUPPORT SERVICES	23	23	23	23	23
2220	POWER PRODUCTION	27	27	27	28	27
2310	ELECTRIC METER SHOP	8	8	8	8	8
2410	ELECTRIC ENGINEERING	13	13	12	14	14
4110	ENERGY RISK MANAGEMENT	1	1	1	1	1
4210	NERC COMPLIANCE	5	5	5	5	5
4220	FUEL & PURCHASED ENERGY SUPPLY	2	2	2	2	1
6145	ENERGY EFFICIENCY & CONSERVATION	1	1	1	1	1
TOTAL ELECTRIC		177	177	176	178	176
1422	ANALYTICAL LAB	16	16	16	16	16
1430	PRE-TREATMENT	7	7	8	7	7
1435	CROSS CONNECTION CONTROL	3	3	3	3	3
3110	W&WW ENG, PLANNING & OPERATIONS	2	3	3	2	2
3120	WATER PLANT I	10	10	9	10	10
3130	WATER PLANT II	8	8	8	7	8
3135	RESACA MAINTENANCE	9	9	9	9	15
3140	RAW WATER	4	4	4	4	4
3145	W/WW PLANT MAINTENANCE	12	12	12	12	12
3150	W/WW OPERATIONS & CONSTRUCTION	68	70	45	45	44
3155	W/WW OPERATIONS & MAINTENANCE	-	-	34	34	34
3160	POTABLE WATER TRANSPORT SERVICES	-	-	3	2	2
3210	SOUTH WASTEWATER TREAT PLANT	9	9	8	9	8
3220	ROBINDALE WASTEWATER TREAT PLANT	10	10	11	10	11
3225	W/WW SLUDGE MANAGEMENT	8	8	8	9	9
3230	WASTEWATER LIFT STATIONS	34	32	20	20	20
3310	WATER & WASTEWATER ENGINEERING	16	17	17	18	20
4310	OPERATIONAL SUPPORT SERVICES	1	1	1	1	-
9110	COMPANY-WIDE EXPENSES	-	-	-	-	-
TOTAL WATER AND WASTEWATER		217	219	219	218	225
OVERALL TOTAL NO. OF POSITIONS		604	611	611	611	617

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NUMBER OF TEMPORARY FULL-TIME POSITIONS

DEPARTMENT	FINAL FY 2019	FINAL FY 2020	FINAL FY 2021	FINAL FY 2022	APPROVED FY 2023
1125 KEY ACCOUNT MARKING	-	-	-	-	1
1130 COMMUNICATIONS & ADMINISTRATIVE SVC	-	-	-	-	1
1165 RECORDS MANAGEMENT	1	1	-	-	-
5130 PURCHASING	1	1	-	-	-
7125 RIGHT-OF-WAY	-	-	-	-	1
7130 INFORMATION TECHNOLOGY	2	2	1	1	3
7135 GIS	-	-	1	-	-
7155 COMPENSATION & BENEFITS	1	1	1	-	-
7160 FACILITY MAINTENANCE	1	1	-	-	-
7170 WAREHOUSE	1	1	-	-	-
TOTAL ADMINISTRATIVE	7	7	3	1	6
6105 CUSTOMER & INFORMATION SERVICES	-	-	-	-	1
6115 COLLECTIONS	-	-	1	-	-
6135 CIS SUPPORT	1	1	1	1	-
6150 METER READING	1	1	-	3	5
TOTAL CUSTOMER SERVICE	2	2	2	4	6
2120 SUBSTATIONS AND RELAYING	2	2	1	-	-
2130 ELEC TRANS & DIST CONSTRUCTION & MAINTENANCE	-	-	1	2	-
2210 SCADA & ELECTRICAL SUPPORT SERVICES	-	-	1	-	-
2410 ELECTRIC ENGINEERING	1	1	2	-	-
TOTAL ELECTRIC	3	3	5	2	-
1422 ANALYTICAL LAB	-	-	1	1	-
3135 RESACA MAINTENANCE	-	-	1	1	2
TOTAL WATER AND WASTEWATER	-	-	2	2	2
OVERALL TOTAL NO. OF TEMPORARY POSITIONS	12	12	12	9	14

Note: The final count listed is as of September 30 for the given fiscal year. Employees hired on a part-time basis are not retained for the entire fiscal year. The company is flexible in hiring several positions, based on available funding.

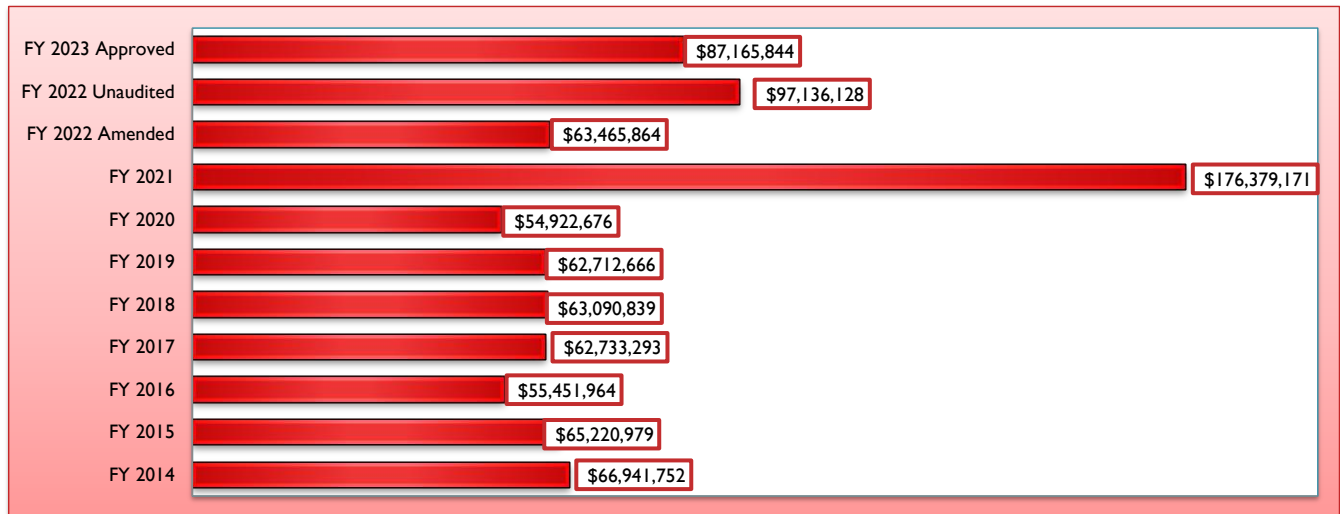
OPERATIONS & MAINTENANCE EXPENSES

The total O&M Budget for FY 2023 is \$193,889,312, an increase of \$32,283,772 or 19.98% from the amended FY 2022 Budget.

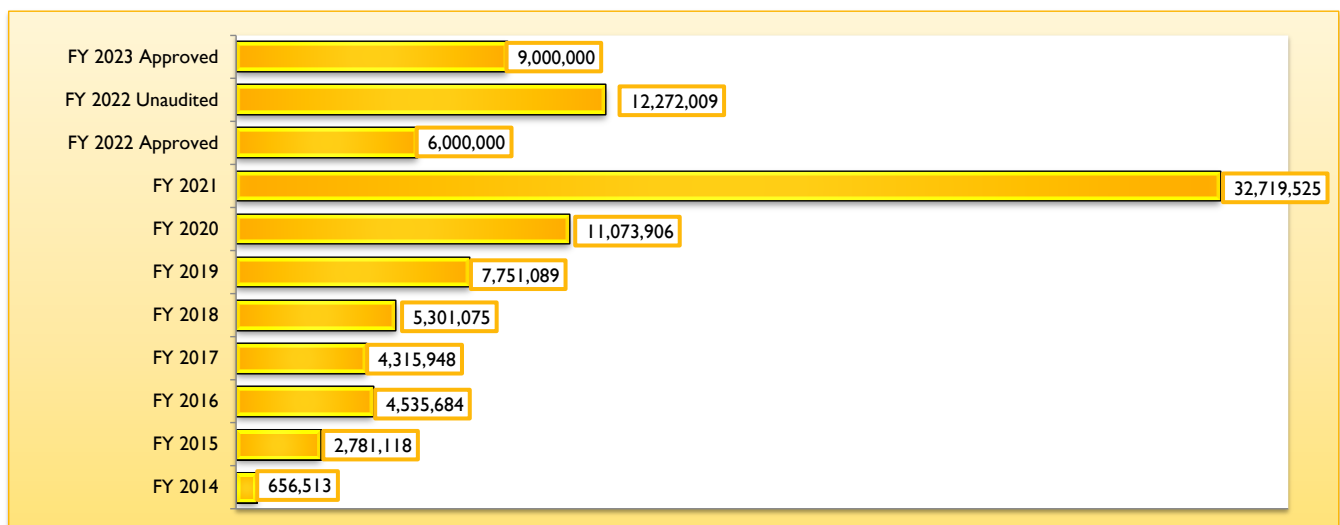
The following table summarizes O&M expenses by major classifications:

Expense Classification	Amended Budget FY 2022	Unaudited FY 2022	Percent Used: Unaudited '22 vs Approved Budget '22	Approved Budget FY 2023	Percent Budget Variance: Approved '23 vs Unaudited '22
Fuel & Energy Costs	\$ 63,465,864	\$ 97,136,128	153.05%	\$ 87,165,846	-10.26%
Off-system Sales Expenses	6,000,000	12,272,009	204.53%	9,000,000	-26.66%
SRWA Obligations	6,115,872	6,115,872	100.00%	7,401,467	21.02%
Personnel Services	47,377,743	40,734,866	85.98%	48,224,440	18.39%
Non-personnel Expenses	38,246,061	38,393,219	100.38%	41,697,560	8.61%
Maintenance Pool Account	400,000	177,788	44.45%	400,000	124.99%
Overall Total:	\$ 161,605,540	\$ 194,829,882	120.56%	\$ 193,889,312	-0.48%

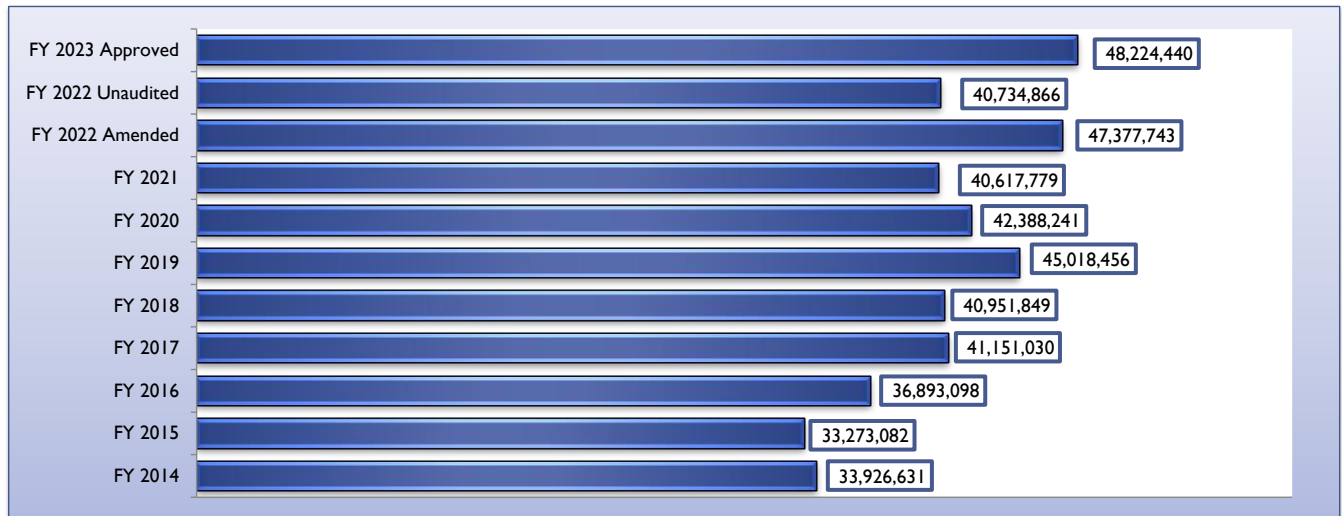
The following chart illustrates the cost of fuel and purchased energy to meet electric demand over the last several years. In FY 2014, Brownsville PUB had a total cost of \$66.94 million. The Approved FY 2023 Fuel & Energy Cost Budget is \$87.17 million. The 10-year history reflects an average increase of 3.02% per fiscal year. The unusually high costs in FY 2021 are a result of the Winter Storm Uri event in February 2021.



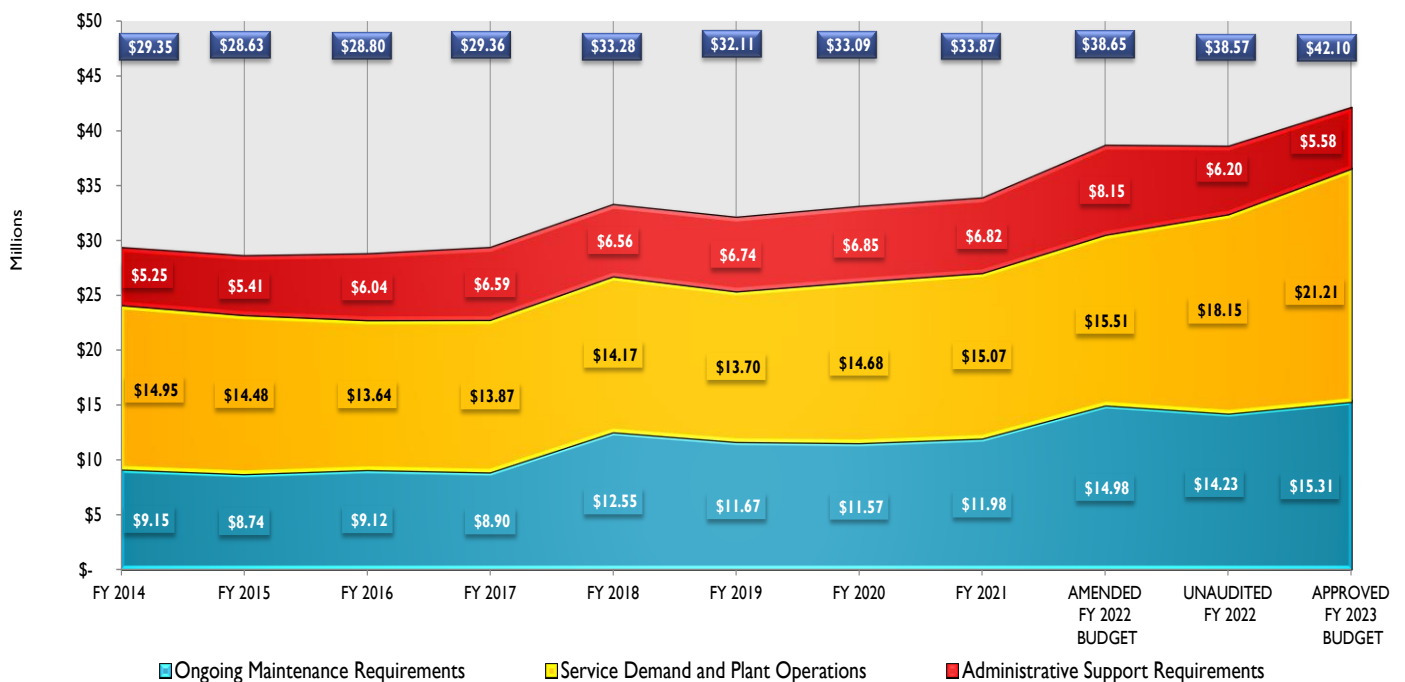
The following chart illustrates how the cost of off-system sales has fluctuated over the last ten years. In FY 2014, Brownsville PUB had a total cost of \$0.66 million. The Approved FY 2023 Off-System Sales Expenses Budget is \$9.00 million. The 10-year history represents an average increase of 176.93% per fiscal year. The unusually high costs in FY 2021 are a result of the Winter Storm Uri event in February 2021.



The following chart illustrates how the cost of personnel services has increased over the last several years. In FY 2014, Brownsville PUB had a total O&M personnel cost of \$33.93 million. The Approved FY 2023 O&M Personnel Budget is estimated at \$48.22 million. The \$1.49 million average yearly change is a result of added positions, market pay adjustments, promotions, health insurance, retirement, and other personnel benefit changes. This change averages 4.21% per fiscal year.



The O&M Non-personnel Services Budget includes all operating and maintenance expenses driven by ongoing plant and infrastructure maintenance requirements, service demand and plant operations, and administrative support requirements. The following chart provides historical expense trends for the Brownsville PUB.



DEBT SERVICE

A summary of each system's cost of borrowed money is on page 70, Debt Service section of this Budget.

The Brownsville PUB continues to have insured bond ratings from the national rating agencies. Standard & Poor's Ratings Services, a division of The McGraw-Hill Companies, Inc., has assigned short term insured ratings of AA. The Brownsville PUB underlying ratings on its senior lien debt are "A2", "A-" and "A+" by Moody's, Standard & Poor's, and Fitch Ratings, respectively.

Revenue bonds outstanding at September 30, 2022 and 2021 were \$290,455,000 and \$255,285,000 respectively. Interest on bonds is due semi-annually on March 1 and September 1, and the principal is due annually on September 1. Revenue bond debt service coverage for the Brownsville PUB's priority and second lien obligations was calculated at 3.43 and 6.49 times at September 30, 2022 and 2021, respectively.

On August 24, 2005, the Brownsville PUB sold \$163,725,000 in tax exempt bonds and \$56,855,000 in taxable bonds as part of a major debt restructuring. The tax-exempt bonds, Series 2005A, provided proceeds to refund \$50,890,000 in Series 1995 outstanding obligations, \$50,000,000 in Series 2001A and \$50,000,000 in Series 2001B variable rate outstanding obligations, and \$7,250,000 in outstanding commercial paper notes, and provided \$20,000,000 in new money bonds. The taxable bonds, Series 2005B, provided proceeds to defease \$27,420,000 in Series 1992 outstanding obligations and \$22,120,000 in Series 1995 outstanding obligations.

The Brownsville PUB issued \$77,805,000 in aggregate principal amount of Utilities System Revenue Refunding Bonds, Series 2008. The refunding bonds provided proceeds to defease \$40,000,000 of Commercial Paper Notes, Series 2004, \$32,285,000 of the Series 2002A Utility System Subordinate Lien Revenue and Refunding Bonds, and \$13,415,000 of the Series 2002B Utility System Subordinate Lien Revenue and Refunding Bonds.

On November 1, 2012, the Brownsville PUB issued \$840,000 City of Brownsville, Texas Utilities System Junior Lien Revenue Bonds, Series 2012, for the purpose of building, improving, extending, enlarging, and repairing the City's utilities system and to pay costs of issuance of the bonds.

On April 10, 2013, the Brownsville PUB issued \$118,185,000 in Utilities System Revenue Refunding Bonds, Series 2013. The refunding bonds provided proceeds to refund \$109,985,000 of Utility System Improvement and Refunding Bonds, Series 2005A. In addition, the proceeds provided funds of \$11,818,500 to make a cash deposit into the Debt Service Reserve Fund.

On July 15, 2015, the Brownsville PUB issued \$94,770,000 in Utilities System Revenue Refunding Bonds, Series 2015. The bonds provided proceeds to refund \$49,060,000 of Series 2005A Revenue Improvement & Refunding Bonds, \$27,815,000 of Series 2005B Revenue Refunding Bonds and \$5,480,000 of Series 2011 Revenue Refunding Bonds. In addition, the proceeds provided funds to defease \$20,000,000 in outstanding Commercial Paper Notes.

On May 17, 2016, the Brownsville PUB issued \$39,410,000 in Utilities System Revenue Refunding Bonds, Series 2016. The bonds provided proceeds to refund \$42,505,000 of Series 2008 Revenue Refunding Bonds.

On June 20, 2018, the Brownsville PUB issued \$14,000,000 in Utilities System Revenue Refunding Bonds, Series 2018. The bonds provided proceeds to refund \$340,000 of Series 2007 Junior Lien Revenue Bonds, \$9,585,000 of Series 2008 Revenue Refunding Bonds and \$5,055,000 of Series 2012 Revenue Refunding Bonds.

On July 29, 2020, The Brownsville PUB issued \$53,590,000 of Series 2020 tax exempt bonds and \$62,320,000 of Series 2020A taxable bonds. The tax-exempt bonds, Series 2020, provided funds to refund \$12,105,000 of Series 2012 Revenue Refunding Bonds. In addition, the proceeds provided funds to defease \$50,000,000 in outstanding Commercial Paper Notes. The taxable bonds, Series 2020A, provided funds to refund \$54,480,000 of outstanding Series 2013A Revenue Refunding Bonds.

On May 25, 2022, The Brownsville PUB issued \$17,165,000 of Series 2022 tax exempt bonds and \$35,605,000 of Series 2022A taxable bonds. The proceeds provided funds to defease \$53,000,000 in outstanding Commercial Paper Notes.

The Brownsville PUB's participation in the Southmost Regional Water Authority (SRWA) Reverse Osmosis Plant Project was complete and operational during 2005. The SRWA successfully issued \$30,975,000 in Water Supply Contract Revenue Bonds, Series 2002, during FY 2003 and has expended approximately 100% of bond proceeds in the construction of the desalination plant. The Series 2002 bonds were issued with insured ratings of "Aaa" and "AAA" by Moody's Investor Services and Fitch Ratings, respectively. The underlying ratings on the bonds were "A2" and "A" by Moody's and Fitch, respectively. The Brownsville PUB total interest in the project is 92.91%. The SRWA is considered a blended component unit of the Brownsville PUB. As a participating owner, the BPUB is obligated to contribute its percentage allocation of the SRWA's debt service obligations and annual system budget. The Brownsville PUB's total 2020 and 2019 contributions to the SRWA were \$5,899,247 and \$5,953,229 respectively. The Brownsville PUB's participation in the SRWA's desalination project provides the City with an alternate, long-term, drought-resistant source of drinking water.

On December 7, 2009, the SRWA issued \$9,295,000 in Water Supply Contract Revenue Bonds, Series 2009A and \$3,795,000 in Water Supply Contract Revenue Bonds, Series 2009B, through the Texas Water Development Board Drinking Water State Revolving Fund for the construction of a full-scale Micro Filtration Pretreatment System. The objective of this project is to achieve compliance with both existing and future maximum contaminant levels for arsenic in public drinking water by constructing a full-scale Micro Filtration Pretreatment System prior to entering the existing reverse osmosis treatment process. An additional need is to control and reduce iron levels to eliminate complaints of colored water. Project objectives also include an additional 1.0 million gallons per day of capacity through upgrading certain pumps within the existing well field and adding one additional reverse osmosis train.

The SRWA issued \$13,530,000 in Water Supply Contract Revenue Refunding Bonds Series 2012 on September 26, 2012. The refunding bonds provided proceeds to defease \$14,990,000 of the Series 2002 Revenue Bonds for the years 2013 through 2027.

On April 1, 2017, the SRWA issued \$9,255,000 in Water Supply Contract Revenue Refunding Bonds, Series 2017. The refunding bonds had a closing date of April 18, 2017, and the proceeds plus the bond premium were used to defease \$9,715,000 of the Series 2006 Water Supply Contract Revenue Refunding Bonds for the years 2020 through 2032.

SUMMARY OF DEBT SERVICE REQUIREMENTS

	ACTUAL FY 2018	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	UNAUDITED ACTUAL FY 2022	BUDGET FY 2023
Principal	\$ 13,284,485	\$ 13,414,301	\$ 14,358,196	\$ 16,845,097	\$ 17,517,553	\$ 18,420,000
Interest	12,510,790	12,352,429	11,585,595	10,341,791	10,627,412	11,528,071
Total	<u>\$ 25,795,275</u>	<u>\$ 25,766,730</u>	<u>\$ 25,943,791</u>	<u>\$ 27,186,889</u>	<u>\$ 28,144,965</u>	<u>\$ 29,948,071</u>

Commercial Paper for FY 2023 will incur \$200,000 of interest expense.

DEBT SERVICE COVERAGE RATIO

The Debt Service Coverage Ratio is estimated at 3.43 times for Year-end FY 2022, compared to 2.24 in the Amended FY 2022 Budget and 1.96 times budgeted for FY 2023. The Brownsville PUB's minimum coverage is 1.25 times per current bond covenants.

CAPITAL BUDGET

The Board adopted the FY 2023 Capital Budget on September 12, 2022.

The FY 2023 Capital Budget totals \$92,133,955 which is \$6,035,617 less than the Brownsville PUB approved FY 2022 Budget of \$98,169,572. The BPUB's five-year capital needs decreased from \$270.44 million for FY 2022 to \$249.81 million for FY 2023 for a total decrease of \$20.63 million. A funding source summary and listing of construction projects and capital asset purchases are included in the Capital section of the Budget Document, beginning on page 230.

The Brownsville PUB is continuously updating a long-term Capital Improvement Plan (CIP) to prioritize use of available resources and scheduled short-term and long-term financing with minimal rate impact. If available resources are less than anticipated, Brownsville PUB will scale back on its CIP funding.

The projects proposed in the FY 2023 Capital Budget are crucial to efforts to continuously provide our present and future customers with the high-quality services and products that Brownsville PUB is committed to delivering. Many of the proposed capital projects are for renewals and replacements. Renewals and replacements are critical to Brownsville PUB's aging infrastructure, and generally increase our costs, but provide no additional revenue.

Of the projects budgeted for FY 2023, a sizeable portion is necessary for Brownsville PUB to stay in compliance with the requirements and standards set by governmental and regulatory agencies. The remainder of the FY 2023 Capital Budget includes a number of new projects and the continuation or completion of other projects that have already involved a considerable amount of time to design, permit, and construct.

Over the last 5-10 years, considerable renewal and replacement expenses have been incurred by the Brownsville PUB to correct or prevent problems. The Brownsville PUB staff continually strives to plan for and make system improvements to all three utility systems. Brownsville PUB's staff cannot accurately estimate the savings that are a direct result of capital improvements. However, staff is confident that O&M expenses are reduced shortly and long after the improvements are completed.

A recap of all the sources of funding for the Capital Budget can be found beginning on page 230.

The Brownsville PUB will use a combination of internally generated cash, grants, contributions-in-aid-of-construction, impact fees, and short-term debt obligations to fund the Capital Budget during FY 2023.

Capital projects are discussed in additional detail on pages 237 through 375.

The following table illustrates major expenditures that account for 59.63% of the total approved FY 2023 Capital Budget.

UTILITY	PROJECT DESCRIPTION	APPROVED BUDGET
ELECTRIC		
	Hidalgo Capital Improvements	\$ 6,286,814
	Advanced Metering Infrastructure (AMI) - electric	4,789,610
	Electric System Utility Work Contract	2,196,306
	Trouble Calls & Service Increases	2,156,944
	New Subdivisions	6,723,681
	Electric Capital Equipment	1,445,255
	Unit 6 Improvements, HRSG Economizer Panel Replacement and Generator	1,435,368
	Gas Analyzer Replacement	
	Airport Substation, Transformer No. 1 Upgrade, 69 KV to 138 KV	1,300,000
	Unit 10 Chiller Cooling Tower Replacement	1,015,500
	UTILITY TOTAL:	\$ 27,349,478
GENERAL & ADMINISTRATIVE		
	HVAC Replacement Project	\$ 674,211
	FM 511 Service Center - New Lay Down Yard	540,982
	UTILITY TOTAL:	\$ 1,215,193
WATER		
	Advanced Metering Infrastructure (AMI) - water	\$ 5,742,495
	Water/Resaca Capital Equipment	4,392,694
	City Streets Contract - Old Hwy 77 - District 4	350,000
	City Streets Contract - Wild Rose Lane - District 3-4	310,000
	City Streets Contract - Stage Coach Trail - District 3	265,000
	ARPA Downtown Water & Wastewater Improvement Project 2	240,452
	City Streets Contract - E. 14th Street - District 1	100,000
	City Streets Contract - Coffee Road - District 2 & 3	100,000
	City Streets Contract - Old Alice Road - District 3	75,000
	UTILITY TOTAL:	\$ 11,575,641
WASTEWATER		
	Multiple Lift Stations Rehabilitation	\$ 9,146,547
	Turbo Blower Upgrades Phase I (Packet 3) - construction	3,000,000
	ARPA Downtown Water & Wastewater Improvement Project 1	784,300
	ARPA Downtown Water & Wastewater Improvement Project 2	701,148
	City Streets Contract - Old Hwy 77 - District 4	260,000
	City Streets Contract - Wild Rose Lane - District 3-4	290,000
	City Streets Contract - Stage Coach Trail - District 3	340,000
	City Streets Contract - E. 14th Street - District 1	100,000
	City Streets Contract - Coffee Road - District 2 & 3	100,000
	City Streets Contract - Old Alice Road - District 3	75,000
	UTILITY TOTAL:	\$ 14,796,995
	GRAND TOTAL	\$ 54,937,307
		\$ 92,133,995
		59.63%

Note: Includes \$37.2 million in numerous additional projects.

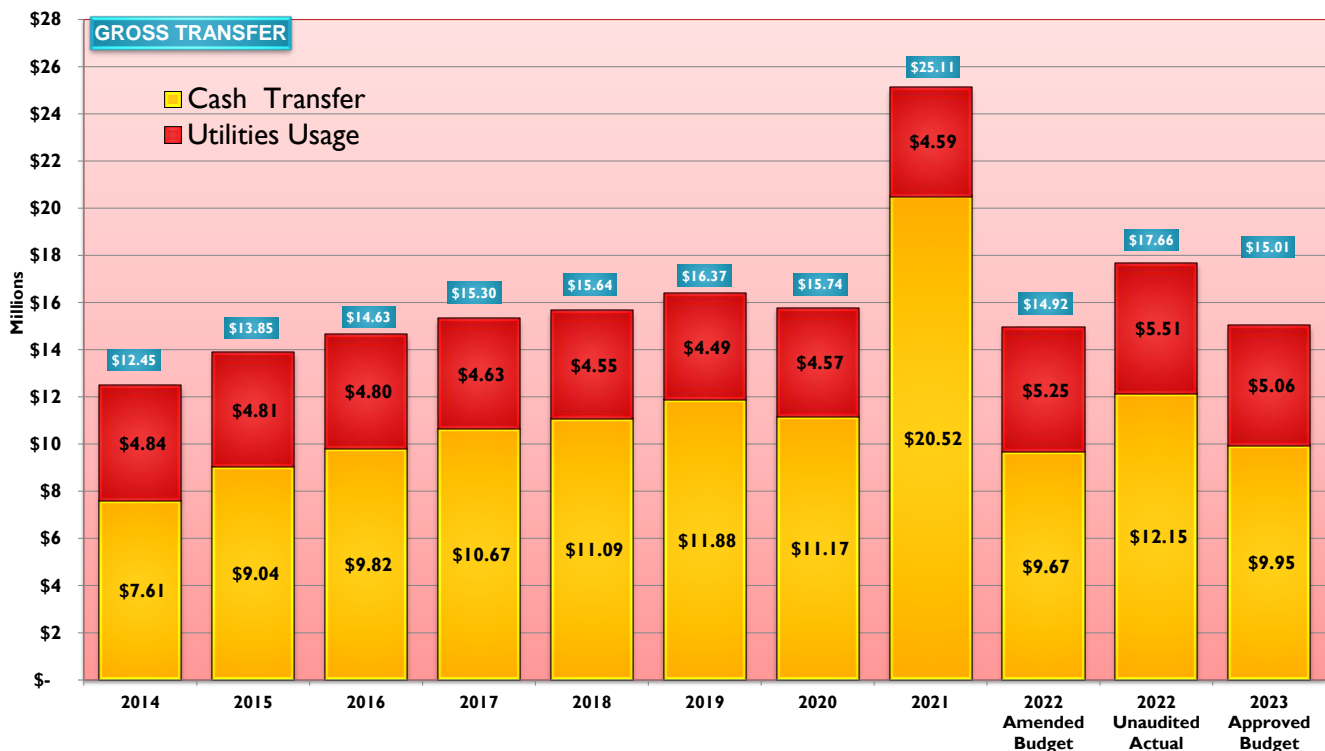
TRANSFER TO THE CITY OF BROWNSVILLE

Beginning in FY 2006 transfers to the City of Brownsville (City) are undertaken on a quarterly basis calculated at ten percent (10%) of gross revenues received for the preceding fiscal year quarter, as adjusted in accordance with the following bond covenant: (1) prior to applying the percentage set forth above to determine the amount to be transferred to the City, the amount of gross revenues for a fiscal year quarter shall be reduced by an amount equal to all costs for the purchase of power and fuel paid or incurred by the Brownsville PUB during such fiscal year quarter as well as funding requirements for SRWA and (2) the amount of funds to be transferred to the City shall be reduced by any amounts owed by the City to the Brownsville PUB for utility services.

The unaudited FY 2022 estimated year-end gross transfer is \$17,662,805, up \$2,743,709 from the FY 2022 Amended budget, with an estimated net cash transfer of \$12,150,504. The FY 2023 approved budget gross transfer is \$15,005,664.

The chart below shows the gross and net transfers to the City of Brownsville over the past nine years.

City of Brownsville Gross and Net Transfers
(Dollars in Millions)



DISTINGUISHED BUDGET PRESENTATION AWARD

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the Brownsville PUB for its Annual Budget for the fiscal year beginning October 1, 2022. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device. The Fiscal Year beginning October 1, 2007 was the first year Brownsville PUB had received the award. This award is valid for a period of one year only. We believe our current Budget continues to conform to program requirements, and we are submitting it to the GFOA to determine its eligibility for another award.

ACKNOWLEDGEMENTS

The budget review was a very extensive process involving staff at all levels and areas of the organization. The entire Brownsville PUB staff is to be commended for the patience and cooperation exhibited during the continued refinement of the final approved budget. The General Manager & CEO, Assistant General Manager & COO, Chief Financial Officer and financial staff closely analyzed each department's budget on a line-by-line basis. Work sessions were held with all Divisions to ensure proper documentation was presented to justify all requests.

We extend our personal thanks to the dedicated employees who spent many hours preparing, revising and finalizing this document.

We would also like to acknowledge the support of the Board of Directors for its continuing interest in the development of a strong financial system and balanced budget to serve the customers of the Brownsville PUB.

Respectfully submitted,

John S. Bruciak

John S. Bruciak, P.E.
General Manager & Chief Executive Officer

Miguel A. Perez

Miguel A. Perez
Chief Financial Officer



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished Budget
Presentation Award*

PRESENTED TO

Brownsville Public Utilities Board
Texas

For the Fiscal Year Beginning

October 01, 2021

Christopher P. Morill

Executive Director

BUDGET PROGRAM

Overview

It is the Brownsville PUB's practice to adopt a budget prior to the start of each year which begins October 1. The budget, in addition to the financial statements, is prepared on the accrual basis. The process leading to the budget adoption involves participation from all management and supervisor levels and includes a communications plan that encourages input and guidance from Board Members.

The budget focuses on identifying funding levels necessary to continue basic utility services, systems improvement priorities, and community goals. The Chief Financial Officer (CFO) provides the Board Members and the General Manager & CEO with information on projected revenues and funding requirements to enable the General Manager and Board Members to provide direction in formulating budget goals and objectives as well as budget strategies to achieve such goals.

The Brownsville PUB's FY 2022-23 budget is a balanced budget, with revenues and other financing sources equal to the expenditures and other financing uses.

Priorities

The Brownsville PUB has adopted a set of priorities for defining the Organization's mission. These priorities are used by the departments in formulating goals, objectives and measures when preparing their budgets.

Financial Program

The Brownsville PUB follows a comprehensive financial program that guides the financial practices including accounting and reporting practices, investments, and debt financing. These practices are reviewed by the Brownsville PUB CFO to ensure that the Utility is in compliance with Bond Covenants, GASB Statements, and state and Federal regulatory requirements. Recommendations for changes are submitted to the Board for approval when necessary. These financial program practices are explained in further detail in the significant financial program components section starting on page 39.

Restricted Use of Public Funds

The Brownsville PUB shall not lend its credit or gratuitously grant public money or things of value in aid of any individual, association, or corporation. The Brownsville PUB shall not grant any extra compensation, fee, or allowance to a public officer, agent, servant, or contractor after service has been rendered or a contract entered into and performed in whole or in part without Board approval. Nor shall the Brownsville PUB pay or authorize the payment of any claim against the Brownsville PUB under any agreement or contract made without authority of law.

No public funds of the Brownsville PUB may be spent in any manner other than as provided for in the budget adopted or amended by the Board.

BUDGET PREPARATION PROCESS & PROCEDURES

Preface

Budgeting is the process of allocating resources to the prioritized needs of the Brownsville PUB. Although budget formats and practices are by no means uniform in the public utility industry, formal budgets play a major role in the planning, control, and evaluation of operations. The adoption of the budget implies that a set of decisions have been made by the Board and Brownsville PUB's General Manager & CEO which culminate in matching Brownsville PUB's resources with its needs. This enables Administration to execute and control the activities that have been approved by the budget and evaluate performance based upon comparisons between budgeted and actual expenses.

Objectives of Budgeting

Performance evaluations allow citizens and taxpayers to hold policy makers and administrators accountable for their actions. Because accountability to citizens often is stated explicitly in state laws and constitutions, it is considered a cornerstone of budgeting and financial reporting. The Governmental Accounting Standards Board (GASB) recognizes its importance and has outlined the following objectives taken from *GASB Concepts Statement No. 1 (Paragraph 77)*:

- Financial reporting should provide information to determine whether current-year revenues were sufficient to pay for current-year services.
- Financial reporting should demonstrate whether resources were obtained and used in accordance with the entity's legally adopted budget. It should also demonstrate compliance with the Bond Covenant and other finance-related legal or contractual requirements.
- Financial reporting should provide information to assist users in assessing the service efforts, costs, and accomplishments of the governmental entity.

Meeting these objectives requires budget preparation to include several concepts recognizing accountability. Often these concepts have been mandated for state and local public sector budgets. They include requirements that budgets should:

- Be balanced so that current revenues are sufficient to pay for current services.
- Be prepared in accordance with all applicable Bond Covenant, Federal, state, and local legal mandates and requirements.
- Provide a basis for the evaluation of a governmental utilities service effort, cost and accomplishments.
- Attempt to provide adequate Improvement Funds for "normal" capital activities by utility.

Budget Process Overview

The budgeting process is comprised of three major phases: planning, preparation, and evaluation. It begins with sound planning. Planning defines the goals and objectives the Board has established and defines the strategy that Brownsville PUB's General Manager & CEO will implement to attain those

goals and objectives. Once the strategy has been established, budgetary resource allocations are initiated to support them. Budgetary resource allocations are the preparation phase of budgeting.

Finally, the budget is evaluated for its effectiveness in attaining goals and objectives. Evaluation typically involves an examination of how funds are expended, what outcomes result from the expense of funds, and to what degree these outcomes achieve the objectives stated during the planning phase. This evaluation phase is important in determining the following year's budgetary allocations. Budget preparation is not a one-time exercise to determine how Brownsville PUB will allocate funds. Rather, it is part of a continuous cycle of planning and evaluation necessary to achieve the established goals.

Annual Budget Process

The CFO established a budget process to comply with the Brownsville PUB Bond Ordinance and GASB guidance requiring a balanced budget. A line-item budgeting format has been selected primarily because of its simplicity and control orientation. Brownsville PUB bases the budget upon historical expenses and revenue data. The development process is comprised of the following:

- Discussion with the General Manager & CEO and Assistant General Manager & COO to set Brownsville PUB goals and budget timetable to comply with the Board's goals and objectives.
- The Financial Planning Team prepares budget packets for the Directors and Managers. Packets will have detailed instructions to help estimate O&M and capital requirements. All line item accounts must be accompanied by a justification. Capital funding requests will be evaluated by established sub-teams for each category in the Capital Fund. Budget Team recommendations will be forwarded to the Financial Planning Team for inclusion in the first budget draft. Additionally, a 5-year Capital Project Budget is included for Director's review and prioritization.
- Budget draft is reviewed and balanced by the General Manager & CEO, the Assistant General Manager & COO and the CFO.
- Balanced budget is presented to the Board for approval.

Approved Detailed Budget Procedures

The Financial Planning Team established the following internal controls to ensure operational compliance with the Brownsville PUB's Board-Approved Budget (O&M and Capital). Management has identified possible issues that could compromise the budget's integrity and implemented procedures to define, address or prevent their occurrence.

- **Line-item Budget Purchases** - The Banner accounting system provides management the ability to analyze and control spending through a line-item budget process. The requisition and encumbrance process is dependent on available funds within an organization's account structure.
- **Budget Changes** - Management has the option of re-allocating budgeted funds within a department, within a division or among other divisions. This may be necessary to initiate a purchase if funds are unavailable in a certain account. An approved *Budget Change Form* is required before changes to the budget are processed.

- **Budget Amendments** - Management will request increases to the Approved Budget only after they have looked within the Organization for available funds and the request is a result of an extraordinary requirement or emergency situation. This may be necessary throughout the year to address unexpected requirements for additional resources. Board approval is required before amendments to the combined system revenue and revenue requirements budget are processed.
- **Personnel Additions** – Personnel additions that increase the Board-approved position control total cannot be processed without a budget amendment. However, management can choose to reclassify open positions to address immediate staffing needs without Board approval as long as the dollar amounts or number of employees do not increase the approved budget totals. Reclassifying positions are generally allowed as long as the positions are at the same or at a lower pay level. In cases where management feels a need to reclassify a position to a higher level and after Human Resources has approved the reclassification, securing the funding with the Financial Planning Team will be the next step. Funding in these cases would mean sacrificing the salaries of two approved positions to fund the higher salaried position either by reclassifying the approved position to a lower pay grade or temporarily unfunding and suspending the approved position. The Financial Planning Team and the Human Resource Department can present management with the available options to fund the reclassification of the position requested.

Six-Month Budget Review Process

Brownsville PUB's Six-Month Budget Review enables management to evaluate mid-year performance and address unplanned expenses. During the normal course of business, there are strong possibilities that extraordinary circumstances deplete available funds. The review can be used as the tool to request budget increases, identify funding deficiencies, and predict future expenses based on mid-year totals. The evaluation process and possible budget increases will be governed by the following:

- Requests of additional O&M Funds will not exceed the calculated total of additional revenues estimated to be collected for the remainder of the year.
- Requests of additional Capital Funds must first be funded from available funds from closed projects or funds deferred from current active projects. Request total cannot exceed approved capital fund total.
- Requests for permanent employee positions will not be considered after the budget is adopted until all approved positions are filled or the reclassification of open positions has been exhausted.
- Any existing deficit accounts must be cleared within a department or division before Directors or Managers can consider requesting additional funds for extraordinary expenses.
- Budget analysis may identify possible available funds within a department or division prompting a transfer to the Contingency account. The funds will be swept from the accounts unless Directors and Managers can document and justify that the funds are vital to their department's operations in the remaining six months of the fiscal year. The CFO will initiate this procedure based on the expense justification and Brownsville PUB's financial position. Additionally, the presence of extraordinary expenses that impact revenues, customer services, production of services, safety, Federal/state regulations, and employee benefits will influence the decision-making process.

BUDGET PREPARATION CALENDAR FISCAL YEAR 2023

REF.	DATE		TASK	ACTION RESPONSIBILITY
1	May 23-27, 2022	Week of	Establish BPUB Budget Teams (Vehicle/Heavy & Support Equipment and Computers, Furniture & Other Equipment)	Financial Planning Team
2	June 1, 2022	Wednesday	BUDGET KICKOFF - Distribution of FY 2023 Budget Instructions, Forms for Equipment Requests and Projects	Financial Planning Team
3	June 1, 2022	Wednesday	Open Budget Program for User Data Entry	Financial Planning Team
4	June 8, 2022	Wednesday	Present Budget Process Timetable to Finance Committee	CFO
5	June 13, 2022	Monday	Distribute Budget Process Timetable to the Board	CFO
6	June 15, 2022	Wednesday	Close Budget Program data entry access	Financial Planning Team
7	June 21, 2022	Tuesday	Equipment Request Forms & Project Request Forms due	All Departments
8	June 27, 2022	Monday	Send Equipment Requests to respective BPUB Budget Teams (Vehicle/Heavy & Support Equipment and Computer, Furniture & Other Equipment) for recommendations	Financial Planning Team
9	July 11, 2022	Monday	Budget Teams (Vehicle/Heavy & Support Equipment and Computer, Furniture & Other Equipment) recommendations due	Teams
10	July 15, 2022	Friday	First DRAFT of O&M budget complete	Financial Planning Team
11	July 18 - 22, 2022	Week of	Distribute first DRAFT of budget and meet with Executive Team	Director of Finance
12	July 18-22, 2022	Week of	Executive Team, Directors and Finance balance O&M Budget	CFO
13	July 25-29, 2022	Week of	Directors, Managers and Finance Balance First Draft of CIP Budget	Financial Planning Team
14	August 1, 2022	Monday	Distribute Performance Measures	Financial Planning Team
15	August 5, 2022	Friday	Present Draft Budget to Finance Committee	CFO
16	August 8-12, 2022	Week of	Executive Team, Directors and Finance balance CIP Budget	CFO
17	August 19, 2022	Friday	Department Performance Measures due	All Departments
18	August 29, 2022	Monday	O&M Budget Workshop to the full Board	CFO
19	September 7, 2022	Wednesday	CIP Budget Workshop to the full Board	CFO
20	September 12, 2022	Monday	Presentation of Draft Fiscal Year 2023 Budget to the Board in a workshop (if needed)	CFO
21	September 12, 2022	Monday	Present Fiscal Year 2023 Budget to the Board for consideration and approval	CFO

NOTES

1. The Southmost Regional Water Authority (SRWA) Budget was approved on August 1, 2022.

SIGNIFICANT FINANCIAL PROGRAM COMPONENTS

The accounting practices of Brownsville PUB conform to generally accepted accounting principles (GAAP) as applicable to local governmental units. The following is a summary of the more significant components:

The Reporting Entity

The Brownsville PUB was formed in 1960 to provide electrical, water, and wastewater services to its customers in the Brownsville area. The financial statements of the Brownsville PUB are prepared in conformity with accounting principles generally accepted in the United States of America as applied to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles.

The Brownsville PUB is a component unit of the City of Brownsville, Texas as defined in GASB Statement No. 14, the Reporting Entity as amended by GASB Statement No. 39, determining whether certain organizations are component units. It is a separate operating authority established by the City's charter. Its purpose is to own, operate, and maintain a combined utilities system which provides the City and certain adjacent unincorporated areas with electricity, water, and wastewater services. The specific elements of oversight responsibility of the Brownsville PUB is the appointment by the City Commission of six of the seven-member governing board with the Mayor of the City serving Ex-Officio as the seventh member. Each appointed Board Member serves a four-year term. The Brownsville PUB does not have the right to encumber, sell, or hypothecate the utilities system. The specific elements of accountability for fiscal matters are (1) the City Commission is vested with the right to set utility rates and (2) the City is vested with the right to authorize the issuance of debt for the utilities system. Further, the Brownsville PUB is not required to pay any property taxes or franchise taxes to the City and the City pays for the utility services furnished to the City by the Brownsville PUB in accordance with bond covenants that address Transfers to the City.

The reporting entity of the Brownsville PUB consists of the primary and a blended component unit, the SRWA. The SRWA is a conservation and reclamation district created pursuant to Article XVI, Section 59, of the Texas Constitution and the Act of June 12, 1981, 67th Leg., Ch. 511, 1981 Tex. Gen. Laws 2196. The SRWA provides treated water to various areas of Cameron County. Essential disclosures related to SRWA are included in its complete financial statements. These statements may be obtained at P.O. Box 3270, Brownsville, Texas 78523-3270, c/o Finance Department.

Fund Accounting, Measurement Focus, Basis of Accounting, and Financial Statement Presentation

The Brownsville PUB is a single enterprise fund, which is organized on the basis of systems (Electric, Water and Wastewater), each of which is considered a separate accounting entity. Resources are allocated to, and accounted for in these systems based upon the purpose for which they are to be spent. For external reporting purposes, these systems are combined.

The budget, as well as the financial statements, are prepared on the accrual basis; budgeted revenues will be recognized when earned and budgeted expenses will be recognized when incurred, regardless of the timing of related cash flows. The expenditure budget is prepared on a comparable basis to Generally Accepted Accounting Principles, with the exception of debt service (including principal and interest)

that is budgeted in full when due. Depreciation and interest expense are recorded as expenses for financial statement purposes (depreciation is not budgeted).

The annual audited financial statements are presented in accordance with accounting standards generally accepted in the United States of America for proprietary funds of governmental entities. The Brownsville PUB complies with all applicable pronouncements of the GASB. The Brownsville PUB is accounted for as a proprietary fund. Proprietary funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent is to recover the cost of operations through user charges. A proprietary fund is accounted for on the "economic resources" measurement focus using the accrual basis of accounting, under which revenues are recognized in the accounting period in which they are earned and the related expenses are recorded in the accounting period incurred, if measurable. All assets and liabilities are included on the balance sheet. In accordance with GASB Statement No. 20, Accounting and Financial Reporting for Proprietary Funds and Other Governmental Entities that Use Proprietary Fund Accounting, the Brownsville PUB has elected not to follow pronouncements of the Financial Accounting Standards Board (FASB) issued after November 30, 1989.

Flow of Funds Bond Ordinance Covenants

City Ordinance No. 2005-1438 established certain "funds". These "funds" are mandatory asset segregation and not funds in the sense of governmental fiscal and accounting entities with self-balancing sets of accounts.

The following paragraphs briefly describe in summary form the manner in which Gross Revenues and Net Revenues are utilized and their priority of payment.

Plant Fund . . . The Ordinance requires all Gross Revenues to be deposited by the Brownsville PUB, as collected and received, into a separate account known as the Plant Fund. All Gross Revenues deposited into the Plant Fund shall be transferred for the following uses and in the order of priority shown below:

FIRST: to the payment of all necessary and reasonable Operating and Maintenance Expenses as defined in the Ordinance or required by statute (including, but not limited to, Chapter 1502, Texas Government Code, as amended) to be a first charge on and claim against the Gross Revenues, including the establishment of a fuel adjustment subaccount or similar accounts. In addition, the Brownsville PUB is required to retain in the Plant Fund a reserve amount to pay Operating and Maintenance Expenses of not less than two months of budgeted Operating and Maintenance Expenses for the current Fiscal Year (the "Operating Reserve Fund") which amount was funded initially in the amount of \$12,500,000 with lawfully available funds of the Brownsville PUB, and will be replenished as described in subparagraph ELEVENTH below.

SECOND: to the payment of the amounts required to be deposited into the Debt Service Fund created and established for the payment of the Senior Lien Obligations as the same become due and payable. (See "Debt Service Fund" below.)

THIRD: to the payment of the amounts required to be deposited into the Senior Lien Reserve Fund and other debt service reserves for Senior Lien Obligations created and established in accordance with the Ordinance to maintain the amounts required to be deposited in accordance with the provisions of the Ordinance or the ordinances relating to the issuance of any Additional Senior Lien Obligations.

FOURTH: to the payment of the amounts required to be deposited into the debt service fund created and established for the payment of the currently outstanding Junior Lien Obligations or any Additional Junior Lien Obligations hereafter issued by the City as the same become due and payable.

FIFTH: to the payment of the amounts required to be deposited into the reserve fund created and established in connection with the Junior Lien Obligations to maintain the amounts required to be deposited in accordance with the provisions of the ordinances relating to the issuance of the currently outstanding Junior Lien Obligations or any Additional Junior Lien Obligations hereafter issued by the City.

SIXTH: to the payment of the amounts required to be deposited into the debt service fund created and established for the payment of the Commercial Paper Obligations (to the extent the Commercial Paper Obligations are payable from a subordinate lien on the Net Revenues), or any Subordinate Lien Obligations hereafter issued by the City as the same become due and payable.

SEVENTH: to the payment of the amounts required to be deposited into the reserve fund, if any, created and established to maintain the amounts required to be deposited in accordance with the provisions of the ordinances relating to the currently outstanding Commercial Paper Obligations (to the extent the Commercial Paper Obligations are payable from a subordinate lien on the Net Revenues), or any Subordinate Lien Obligations hereafter issued by the City as the same become due and payable.

EIGHTH: to the payment of the amounts required to be deposited into the debt service fund created and established for the payment of any Inferior Lien Obligations as the same become due and payable.

NINTH: to the payment of the amounts required to be deposited into the reserve fund, if any, created and established to maintain the amounts required to be deposited in accordance with the provisions of the ordinances relating to the issuance of any Inferior Lien Obligations.

TENTH: to the payment of the amounts to be deposited into the City Transfer Fund and to be transferred to the City's General Fund as provided in the Ordinance. (See "Transfers to the City's General Fund" below.)

ELEVENTH: to the payment of the amount to replenish the Operating Reserve Fund to the amount required in subparagraph FIRST above.

TWELFTH: to the payment of the accrual to fund or to replenish the Capital Improvement Fund created and established by the Ordinance, along with the accumulation of any other surplus Net Revenues. (See "Capital Improvement Fund" below.)

Debt Service Fund . . . For purposes of providing funds to pay the principal of, premium, if any, and interest on the Senior Lien Obligations as the same become due and payable, the Brownsville PUB is required to maintain, at the Depository, a separate and special account or fund known as the Debt Service Fund. The Brownsville PUB is required to deposit into the Debt Service Fund prior to each principal and interest payment date from the available Net Revenues an amount equal to the amount required to fully pay the interest on and the principal of the Senior Lien Obligations then falling due and payable, such deposits to pay maturing principal and accrued interest on the Senior Lien Obligations to

be made by the Brownsville PUB in substantially equal monthly installments on or before the business day before the 15th day of each month, beginning on or before the business day before the 15th day of the month next following the delivery of the Bonds to the Underwriters. If the Net Revenues in any month are insufficient to make the required payments into the Debt Service Fund, then the amount of any deficiency in such payment is required to be added to the amount otherwise required to be paid into the Debt Service Fund in the next month.

Senior Lien Reserve Fund . . . The Ordinance requires the Brownsville PUB to create, establish, and maintain with a Depository a separate and special fund or account known as the Senior Lien Reserve Fund for the purpose of accumulating a reserve for the payment of the Senior Lien Obligations equal to the least of (1) 100% of the Maximum Annual Debt Service Requirements for the Senior Lien Obligations, (2) 125% of the Average Annual Debt Service Requirements for the Senior Lien Obligations and (3) 10% of the initial principal amount of the Outstanding Senior Lien Obligations (calculated by the Brownsville PUB at the beginning of each Fiscal Year and as of the date of issuance of the Bonds and each series of Additional Senior Lien Obligations) (the "Required Reserve Amount").

Junior Lien Reserve Fund . . . To accumulate and maintain a reserve for the payment of the Junior Lien Obligations equal to 100% of the Average Annual Debt Service Requirements (calculated by the Brownsville PUB at the beginning of each Fiscal Year and as of the date of issuance of each series of Additional Junior Lien Obligations) for the Junior Lien Obligations (the Junior Lien Required Reserve Amount), the Issuer agrees that the Brownsville PUB will create and establish, and shall maintain a separate and special fund or account known as the "City of Brownsville, Texas Utilities System Junior Lien Revenue Bond Reserve Fund" (the Junior Lien Reserve Fund), which Fund shall be maintained at the Depository. All funds deposited into the Junior Lien Reserve Fund shall be used solely for the payment of the principal of and interest on the Junior Lien Obligations, when and to the extent other funds available for such purposes are insufficient, and, in addition, may be used to retire the last Stated Maturity or Stated Maturities of or interest on the Junior Lien Obligations.

Transfers to the City's General Fund . . . For purposes of providing funds to transfer to the City's General Fund, the Ordinance requires the Brownsville PUB to create and maintain at the Depository a separate and special account or fund to be known as the City Transfer Fund. The Brownsville PUB is required to deposit into the City Transfer Fund from the available Adjusted Revenues an amount equal to one-third of the quarterly amount hereinafter described to be made by the Brownsville PUB to the City in substantially equal monthly installments on or before the business day before the 15th day of each month, beginning on or before the business day before the 15th day of the month next following the delivery of the Bonds to the Underwriters. After making each of the payments required by the provisions of subparagraphs FIRST through NINTH as described above under "Funds and Accounts and Flow of Funds - Plant Fund", the Designated Chief Financial Officer of the Brownsville PUB is required to transfer no later than the business day preceding the 15th day of the month following the end of each Fiscal Year quarter, an amount of money from the City Transfer Fund equal to ten percent (10%) (or such lesser amount as may be determined from time to time by the City Commission of the City) of the Gross Revenues received for the preceding Fiscal Year quarter, as adjusted in accordance with the next two following sentences, to be utilized by the City in the manner permitted by the provisions of Chapter 1502, as amended, Texas Government Code. Prior to applying the percentage set forth in the preceding sentence to determine the amount to be transferred to the City, the amount of Gross Revenues for a Fiscal Year quarter shall be reduced by an amount equal to all costs for the purchase of power, fuel and paid or incurred by the Brownsville PUB during such Fiscal Year quarter and by amounts paid by the Brownsville PUB to the Southmost Regional Water Authority with respect to the Southmost water project. Furthermore the amount of funds to be transferred to the City in accordance with the provisions

of the Ordinance shall be reduced by any amounts owed by the City to the Brownsville PUB for utility services provided by the Brownsville PUB. To the extent that the available Net Revenues in any quarter are insufficient for the Brownsville PUB to make all or part of the required transfer to the City, the Brownsville PUB shall make up such shortfall (i) in the next quarter in which available Net Revenues exceed the amounts required to make the transfer to the City pursuant to the foregoing provisions and the payment to the Operating Reserve Fund under the provisions of the Ordinance, or (ii) to the extent such shortfall has not been made up by the last quarter of the Fiscal Year, solely from any surplus funds deposited into the Capital Improvement Fund for such Fiscal Year.

Capital Improvement Fund . . . The Ordinance creates and establishes a special fund known as the Capital Improvement Fund. Money on deposit in the Capital Improvement Fund may be used for making any capital improvements to the System and for meeting contingencies of any nature in connection with the operations, maintenance, improvement, replacement, or relocation of properties constituting the System including, but not limited to, the replacement of any equipment relating to the System, as may be determined from time to time by the Brownsville PUB, and to fund the costs of any rate stabilization subaccount or any other similar subaccounts.

The Ordinance requires the City to deposit Net Revenues of the System, after making each of the payments required by the provisions of subparagraphs FIRST through ELEVENTH as described above under "Funds and Accounts and Flow of Funds - Plant Fund", into a Capital Improvement Reserve Fund of the Capital Improvement Fund in an annual sum equal to \$3,000,000 until the amount on deposit in the Capital Improvement Reserve Fund of the Capital Improvement Fund equals or exceeds \$15,000,000 (the "Capital Amount"). In the event that such annual payments are not made, the Brownsville PUB is required to request the City to establish sufficient rates and charges for the System to cure any such deficiency with respect to the accumulation of the Capital Amount within one year. When and so long as the cash and investments in the Capital Improvement Reserve Fund of the Capital Improvement Fund equals the Capital Amount, no deposits will be required to be made to the credit of the Capital Improvement Reserve Fund of the Capital Improvement Fund; but, if and when the Capital Improvement Reserve Fund Account of the Capital Improvement Fund at any time contains less than the Capital Amount, the City is required to cure the deficiency in the Capital Amount by resuming monthly deposits to said Fund from Net Revenues of the System, or at the option of the City from any other lawfully available funds, such monthly deposits to be in amounts equal to not less than 1/36th of the Capital Amount covenanted by the City to be maintained in the Capital Improvement Fund.

Budgetary Controls

Controls are in place to reduce the possibility of overspending in individual line items. Requisitions that exceed budgeted amounts are flagged as such, and are not converted to purchase orders until the over-budget condition is corrected. This is accomplished by allowing departments to transfer budgets between line items within their purview.

Operating Revenues and Expenses

Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the Brownsville PUB's principal ongoing operations. The principal operating revenues of the Brownsville PUB are charges to customers for sales and services. Operating expenses include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

The Brownsville PUB defines operating revenues consistent with the precepts of GASB Statement No. 9, paragraphs 16 to 19 and 31: cash receipts from customers, cash receipts from quasi-external transactions with the City and other governments, and other cash receipts that do not result from transactions defined as capital and related financing, non-capital financing, or investment activities.

Utility Service Revenue and Electric Purchased Power Expense

Electric, water, and wastewater revenues are recognized as billed on a cycle basis with recognition of unbilled revenues year-end, based upon the meter reading dates for the unbilled portion of each cycle. Electric rate schedules include power cost adjustment clauses that permit recovery of purchased power costs, not included in base rates, in the month after such costs are incurred. The Brownsville PUB charges to expense the cost of purchased power in the period of purchase.

Capital Assets

Utility plant-in-service is stated at cost which generally includes the cost of contracted services and certain materials and labor. Maintenance and repairs of property and items determined to be less than units of property are charged to operating and maintenance expenses; major plant replacements are capitalized. Assets acquired through contributions, such as those from land developers, are capitalized at estimated fair value at the date contributed. Capital assets are defined by the Brownsville PUB as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of eighteen months.

Meter and line transformer inventory have been included in utility plant to conform to Federal Energy Regulatory Commission guidelines.

Depreciation is computed using the straight-line method over the estimated useful lives of the assets.

Investments

The Brownsville PUB invests funds in accordance with the Texas Public Funds Investment Act, bond indentures, and the Brownsville PUB's approved investment policy, which is approved annually by the Board of Directors. The investment policy was approved by the Board of Directors on September 12, 2022, which included an "Investment Strategy Statement" that addressed the understanding of investment suitability, the preservation and safety of principal, liquidity, marketability of the investment prior to maturity, diversification, and yield of the investment portfolio.

Investments consist primarily of United States Treasury Obligations, certificates of deposit, and government-backed securities. Statutes authorize the Brownsville PUB to invest in obligations of the United States or its agencies and instrumentalities; direct obligations of the State of Texas or its agencies; obligations of states, agencies, counties, cities and other political subdivisions of any state rated not less than A or its equivalent; certificates of deposit; prime domestic bankers' acceptances; eligible investment pools; certain commercial paper; certain mutual funds; and fully collateralized repurchase agreements. Investments are made only with certified brokers/dealers as required by the investment policy provisions and state law.

The Brownsville PUB follows the provisions of GASB Statement No. 31, Accounting and Financial Reporting for Certain Investments and for External Investment Pools. In accordance with GASB No. 31, the Brownsville PUB's general policy is to report short-term investments at amortized cost. All

other investments are reported at fair value. The term “short-term” refers to investments that have a remaining term to maturity of one year or less at time of purchase. Fair value determinations of all securities are made on a quarterly basis.

Cash Management Policies and Practices

During the year, cash is invested in money market mutual funds, certificates of deposit, agencies, and various investment pools as either short term or long-term investments. Cash deposits are properly secured at all times per Brownsville PUB’s Investment Policy. Accordingly, cash deposits are either insured by federal depository insurance or collateralized. All collateral on deposits is held by a third-party institution in the Brownsville PUB’s name.

Capital Spending Guidelines

Working as a team, Department Heads and key staff members developed a comprehensive departmental and system wide capital improvements plan, taking into consideration both expansion and major rehabilitation. After completion, the team met to discuss and evaluate the plans based on available working capital, anticipated impact fee collections, grant funding and long-term financing to determine which projects were prudent.

The Capital Improvement Plan (CIP) was then incorporated into the Capital Budget and put through the same rigorous scrutiny as the other budgets to determine which projects/items would be funded in this fiscal year.

At the time major capital expenditures are initiated, or when capital projects cannot be funded from rates or other sources, staff seeks Board approval to obtain alternative financing through bonds or short-term commercial paper (CP) issues.

Commercial Paper Program

Short term debt, including commercial paper notes, shall be used when authorized for interim financing of capital projects approved by BPUB Board and to take advantage of lower interest rates in the short-term variable rate market, which provide the BPUB with flexibility in timing its entry into the long-term fixed rate market. Commercial paper notes shall be used for funding additions, improvements and extensions to the combined electric system, waterworks system, and sewer system included in BPUB’s annual CIP plan as approved by the Board.

Capital projects should be financed through a combination of cash referred to as pay-as-you-go financing (equity contributions from current net revenues) and debt. An annual funding ratio between 15% and 30% of equity contribution is desirable.

Commercial Paper will be paid with cash or refunded with long term revenue refunding bonds when economic and business conditions are appropriate. Debt financing for capital projects will not exceed the useful life of the asset, and in no case shall the term exceed 30 years. There shall always be at least interest paid in the first fiscal year after the sale of the revenue refunding bonds and principle starting generally no later than the second fiscal year after the issue. Bond sales which are structured to achieve level debt service payments on an issue by issue basis are desirable.

Debt Service Coverage Ratio

The Debt Service Coverage Ratio is estimated at 1.96 for FY 2023, compared to 3.43 unaudited actual for FY 2022, and 2.24 in the Amended FY 2022 Budget.

The Utility's minimum coverage for Senior lien debt is 1.25 times which is required by bond covenants.

Transfers to the City

The issuance of the 2005A and 2005B refunding bonds modified certain existing covenants which included the calculation of the transfers to the City. Beginning FY 2006, transfers to the City are made on a quarterly basis calculated at ten percent (10%) of the gross revenues received for the preceding fiscal year quarter, as adjusted in accordance with the following: (1) prior to applying the percentage set forth above to determine the amount to be transferred to the City, the amount of gross revenues for a fiscal year quarter shall be reduced by an amount equal to all costs for the purchase of power and fuel paid or incurred by the Brownsville PUB during such fiscal year quarter as well as funding requirements for the SRWA and (2) the amount of funds to be transferred to the City shall be reduced by any amounts owed by the City to the Brownsville PUB for utility services.

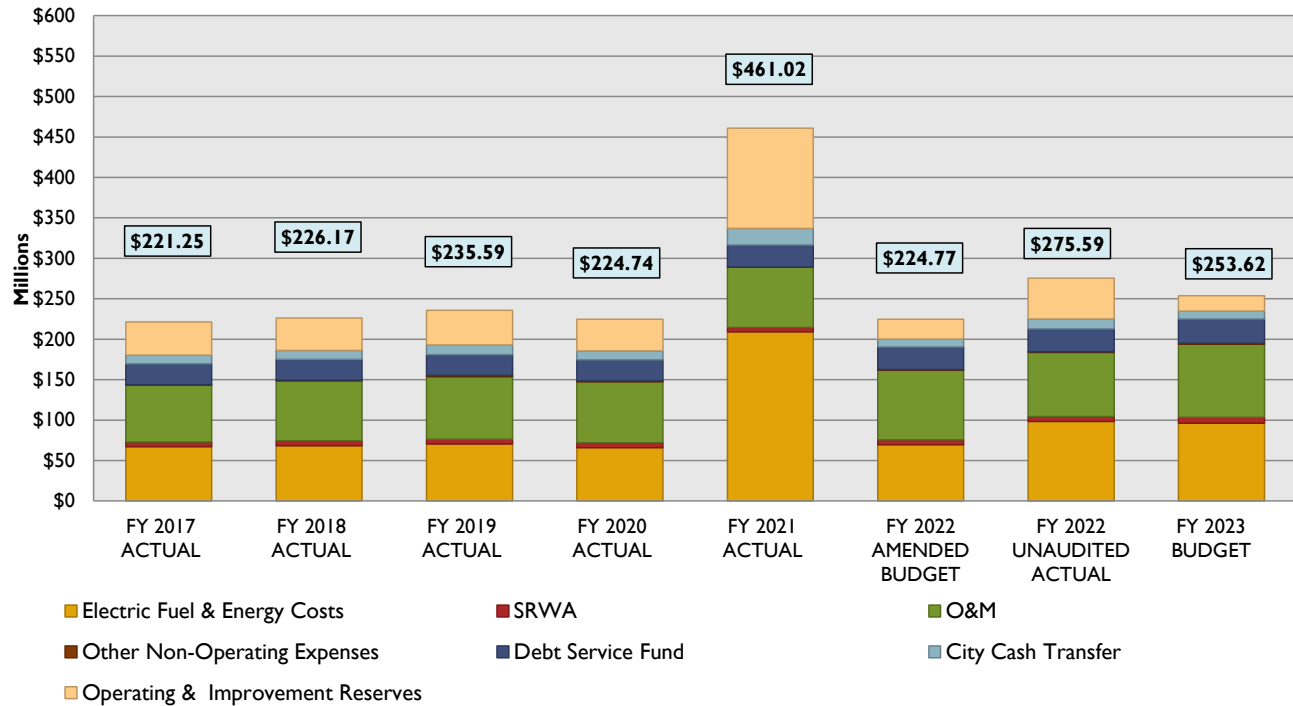
Prior to FY 2006, Article VI of the Charter provided for the transfer to the City's general fund by the Brownsville PUB from "Surplus Funds" available at the close of each fiscal year (after retaining in the Plant Fund an amount deemed by the Brownsville PUB to be sufficient to pay system operation and maintenance expenses for the next 60 days), to the extent available, the greater of \$400,000 or 50% of such surplus funds. Surplus funds, as defined in the Charter, are amounts remaining in the Plant Fund at the close of each fiscal year after all Charter requirements and after all payments have been fully and timely made into funds created by ordinances authorizing outstanding bonds secured by a pledge of the system's net revenues. Required payments to the City for the years ended September 30, 2022 and 2021 totaled \$12,150,504 and \$20,524,044, respectively, of which \$3,885,642 and \$13,372,977, respectively, was payable at September 30, 2022 and 2021.

Following is the computation for distribution to the City of Brownsville for FY 2023:

Gross Revenue	\$ 253,623,946
Less:	
Fuel & Energy Costs	87,165,844
Off-system Sales Expenses	9,000,000
Southmost Regional Water Authority (SRWA)	7,401,467
Adjusted Gross Revenues	<u>\$ 150,056,635</u>
Budgeted COB Transfer at 10% of Adjusted Gross Revenues	\$ 15,005,664
Less:	
COB Usage and Other	<u>(5,060,544)</u>
Net Cash Transfer to COB	<u>\$ 9,945,120</u>

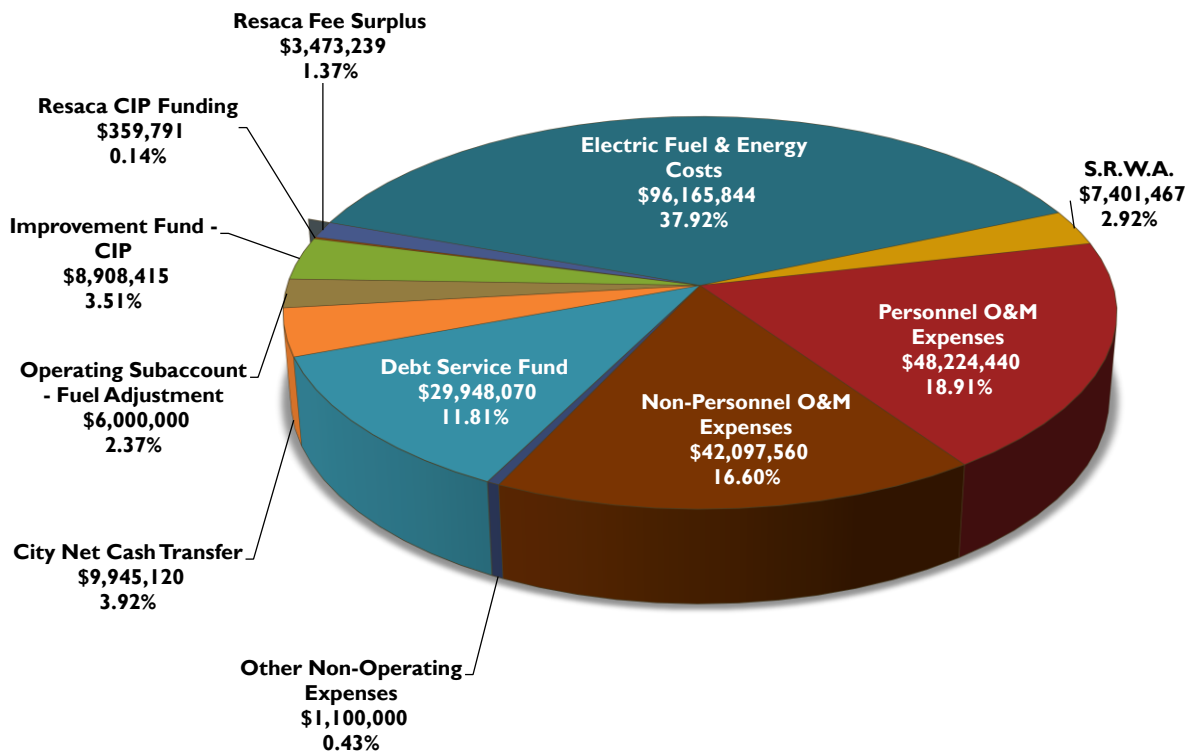
BUDGET RECAP

TOTAL COMBINED UTILITY REQUIREMENTS

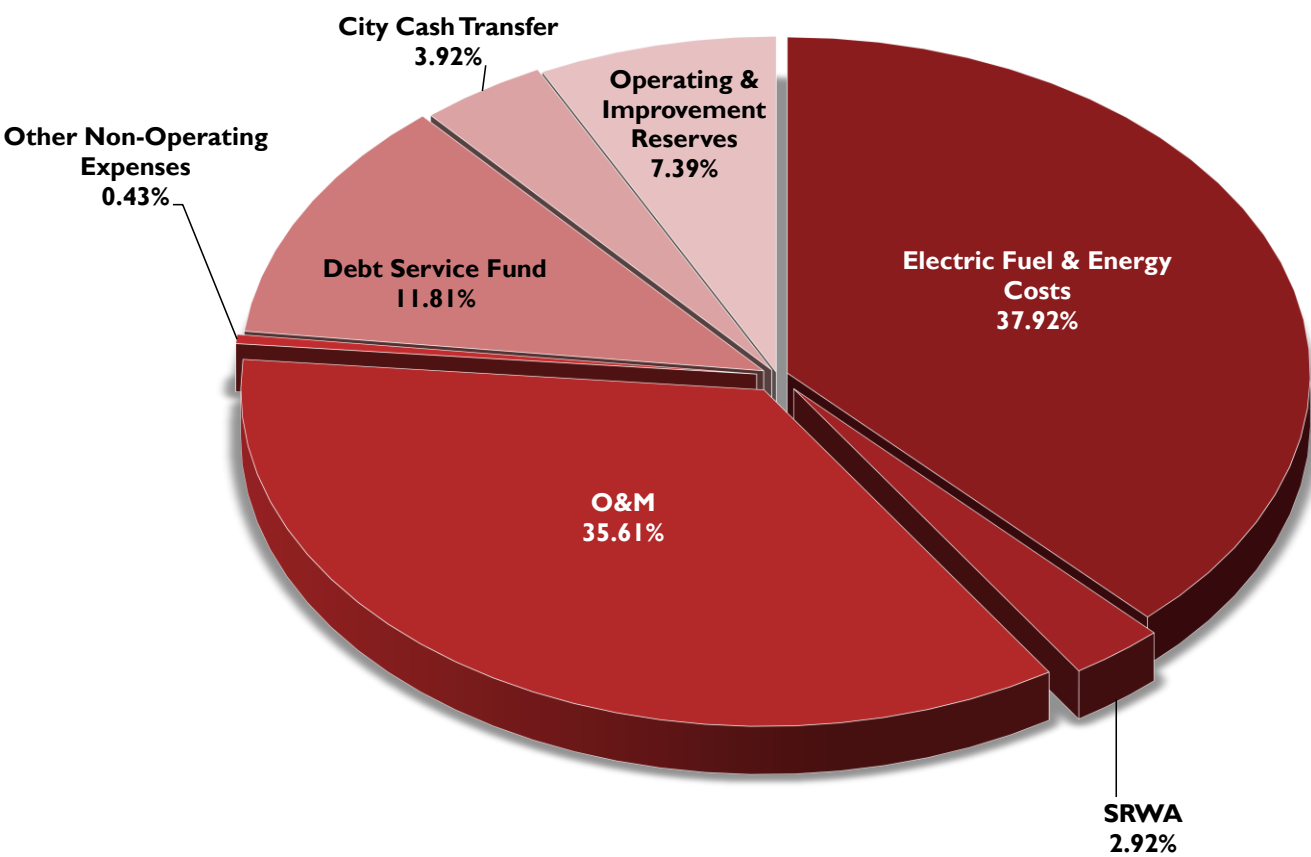


Note: The unusually high Electric Fuel & Energy Costs and Operating & Improvement Reserves in FY 2021 are attributable to the Winter Storm Uri event in February 2021.

FY 2023 USES OF FUNDS (\$253,623,946)



FY 2023 REQUIREMENTS AS A PERCENT OF TOTAL BUDGET

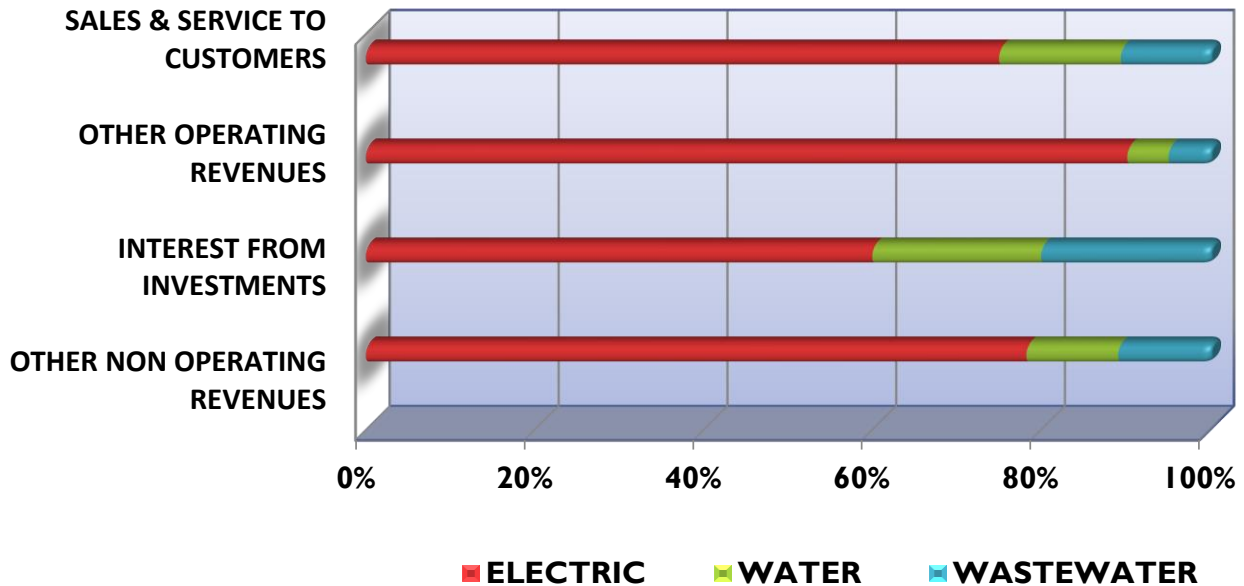


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BUDGET RECAP FY 2023 REVENUES

	<u>SALES & SERVICE TO CUSTOMERS</u>	<u>OTHER OPERATING REVENUES</u>	<u>INTEREST FROM INVESTMENTS</u>	<u>OTHER NON- OPERATING REVENUES</u>	<u>TOTAL</u>
ELECTRIC	\$ 178,142,475	\$ 11,317,644	\$ 1,200,000	\$ 1,260,000	\$ 191,920,119
WATER	34,256,484	613,902	400,000	175,000	35,445,386
WASTEWATER	25,069,539	613,902	400,000	175,000	26,258,441
TOTAL REVENUE	<u>\$ 237,468,498</u>	<u>\$ 12,545,448</u>	<u>\$ 2,000,000</u>	<u>\$ 1,610,000</u>	<u>\$ 253,623,946</u>

FY 2023 REVENUES UTILITY PERCENT BY REVENUE TYPE



OPERATIONS & MAINTENANCE EXPENSE RECAP BY TYPE

FY 2013 - FY 2023

TYPE	FY 2013	FY 2014	FY 2015	FY 2016
61 Personnel Salaries & Wages	\$ 21,047,184	\$ 22,404,937	\$ 23,121,728	\$ 24,070,435
62 Personnel Services	10,765,207	11,521,694	10,151,354	12,823,206
71 Operating Office Expenses	4,159,671	4,554,927	4,698,777	4,889,941
72 Operating Materials & Supplies	5,362,003	4,982,058	4,846,856	4,788,075
73 Operating Miscellaneous General Exp	10,033,119	9,773,350	11,042,760	10,629,351
74 Operating Transportation Expense	1,132,352	1,219,496	1,072,288	1,006,454
75 Operating Maint. of General Plant	2,029,564	3,688,413	2,983,094	2,666,119
76 Operating Consultants/Outside Svc	9,159,599	9,059,971	8,449,677	9,712,243
77 Operating Fuel & Purchase Power	54,041,195	67,598,265	68,002,097	59,987,648
78 Operating Purch/Minor Tools & Equip	786,125	1,018,516	1,271,213	1,022,540
Grand Total	\$ 118,516,018	\$ 135,821,627	\$ 135,639,845	\$ 131,596,011

LESS:

Fuel & Purchased Power & Off System Expenses	\$ 54,041,195	\$ 67,598,265	\$ 68,002,097	\$ 59,987,648
SRWA Obligations	4,867,682	4,942,996	5,738,013	5,910,676
Subtotal	\$ 59,607,141	\$ 63,280,366	\$ 61,899,735	\$ 65,697,687

Less Personnel	\$ 31,812,390	\$ 33,926,631	\$ 33,273,082	\$ 36,893,641
Non-Personnel	\$ 27,794,751	\$ 29,353,735	\$ 28,626,653	\$ 28,804,046

TYPE	FY 2017	FY 2018	FY 2019	FY 2020
61 Personnel Salaries & Wages	\$ 25,660,355	\$ 26,840,938	\$ 26,637,072	\$ 27,713,343
62 Personnel Services	15,490,675	14,110,911	18,381,584	14,674,898
71 Operating Office Expenses	4,691,445	4,632,610	4,538,278	4,296,646
72 Operating Materials & Supplies	4,147,717	4,078,742	3,583,002	3,882,716
73 Operating Miscellaneous General Exp	11,529,269	11,782,886	11,294,225	11,791,059
74 Operating Transportation Expense	1,067,438	1,308,252	1,279,683	1,096,262
75 Operating Maint. of General Plant	2,147,117	4,421,339	3,722,801	3,642,044
76 Operating Consultants/Outside Svc	10,433,864	11,602,571	12,240,833	12,612,712
77 Operating Fuel & Purchase Power	67,049,242	68,391,914	70,463,755	65,996,582
78 Operating Purch/Minor Tools & Equip	1,220,698	1,388,318	1,404,158	1,665,680
Grand Total	\$ 143,437,819	\$ 148,558,482	\$ 153,545,391	\$ 147,371,941

LESS:

Fuel & Purchased Power & Off System Expenses	\$ 67,049,242	\$ 68,391,914	\$ 70,463,755	\$ 65,996,582
SRWA Obligations	5,878,725	5,934,637	5,953,229	5,899,247
Subtotal	\$ 70,509,852	\$ 74,231,931	\$ 77,128,407	\$ 75,476,112

Less Personnel	\$ 41,151,030	\$ 40,951,849	\$ 45,018,656	\$ 42,388,241
Non-Personnel	\$ 29,358,822	\$ 33,280,081	\$ 32,109,751	\$ 33,087,871

TYPE	FY 2021	AMENDED FY 2022 BUDGET	UNAUDITED FY 2022	APPROVED FY 2023 BUDGET
61 Personnel Salaries & Wages	\$ 27,271,379	\$ 31,138,494	\$ 29,148,324	\$ 31,564,101
62 Personnel Services	13,346,401	16,239,249	11,586,542	16,660,339
71 Operating Office Expenses	3,932,184	4,279,265	5,024,030	4,535,309
72 Operating Materials & Supplies	3,802,489	4,342,570	4,591,130	6,565,153
73 Operating Miscellaneous General Exp	11,495,746	13,406,095	12,407,516	15,443,498
74 Operating Transportation Expense	1,403,298	1,269,142	1,697,884	1,472,627
75 Operating Maint. of General Plant	3,461,364	4,105,780	4,703,448	4,419,252
76 Operating Consultants/Outside Svc	13,794,094	16,307,511	14,958,374	15,734,718
77 Operating Fuel & Purchase Power	209,098,696	69,465,864	109,408,137	96,165,846
78 Operating Purch/Minor Tools & Equip	1,374,531	1,051,568	1,304,497	1,328,469
Grand Total	\$ 288,980,181	\$ 161,605,541	\$ 194,829,882	\$ 193,889,312

LESS:

Fuel & Purchased Power & Off System Expenses	\$ 209,098,696	\$ 69,465,864	\$ 109,408,137	\$ 96,165,846
SRWA Obligations	5,394,293	6,115,872	6,115,872	7,401,467
Subtotal	\$ 74,487,192	\$ 86,023,805	\$ 79,305,874	\$ 90,322,000

Less Personnel	\$ 40,617,779	\$ 47,377,743	\$ 40,734,866	\$ 48,224,440
Non-Personnel	\$ 33,869,413	\$ 38,646,061	\$ 38,571,007	\$ 42,097,560

Note:

Type 61 & 62 Personnel O&M Totals include \$2,531,264, \$975,000, \$1,784,912 and \$1,939,968 from other O&M Personnel Supplements for FY 2022, FY 2018, FY 2017 and FY 2016, respectively.

OPERATIONS & MAINTENANCE EXPENSE RECAP BY ACCOUNT

FY 2018 - FY 2023

Account	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Amended Budget 2022	Unaudited Actual 2022	Approved Budget 2023
Personnel O&M							
6101 Supervision	\$ 6,734,219	\$ 6,763,021	\$ 7,427,889	\$ 7,602,080	\$ 8,641,332	\$ 7,646,762	8,302,376
6105 Administrative Staff	4,813,525	4,691,283	4,710,933	4,626,358	5,195,435	4,795,847	5,357,535
6110 Clerical staff	2,945,932	2,895,514	3,032,430	2,980,632	3,247,713	3,039,753	3,311,599
6115 Operational staff	10,844,935	10,887,151	10,936,093	10,276,834	12,383,994	11,703,905	12,675,851
6120 Part-time staff	237,599	254,653	365,789	295,976	250,000	298,775	256,250
6130 Overtime	1,254,973	1,145,450	1,225,301	1,479,973	1,420,019	1,658,258	1,660,490
6140 Severance Pay	9,756	-	14,909	9,527	-	5,023	-
6201 T.M.R.S.	4,482,890	7,336,202	5,385,809	2,832,598	5,123,873	52,636	5,144,375
6205 F.I.C.A.	1,565,534	1,572,123	1,647,444	1,621,292	1,842,307	1,745,063	1,843,004
6206 Suta	11,019	13,129	23,513	5,875	-	8,867	-
6210 Medicare	374,096	375,705	391,493	385,627	430,854	414,074	434,355
6214 Dental Insurance	141,817	264,830	302,614	297,213	356,317	292,232	347,733
6215 Hospitalization insurance	4,774,941	4,984,125	5,602,554	5,539,111	7,479,462	6,340,901	7,655,053
6216 Other Post-Employmt Benefits (ins)	1,420,773	2,630,485	924,189	1,396,993	1,000,000	1,202,869	-
6220 Life Insurance	28,523	24,131	23,154	22,844	34,253	22,900	34,434
6221 Long Term Disability Insurance	17,589	36,085	47,685	46,977	58,756	47,648	58,904
6225 Workers Compensation	682,647	684,077	715,389	705,572	742,871	755,220	745,014
6230 Vacation leave	90,839	109,821	672,658	308,849	350,961	266,186	375,943
6235 Sick leave	272,034	117,671	(1,275,842)	12,809	386,161	276,768	413,626
6240 Educational assistance	20,335	12,074	6,978	9,828	20,400	10,637	7,000
6242 Auto Benefits	87,006	97,991	94,500	86,366	109,500	91,731	109,500
6243 Telephone Benefits	15,122	16,640	14,604	12,924	18,481	13,635	18,481
6250 Miscellaneous personnel benefits	125,746	106,496	98,156	47,004	272,950	45,177	2,798,087
6260 Vacancy Savings	-	-	-	-	(1,365,890)	-	(2,649,561)
6266 RESTORE Offset-Personnel	-	-	-	-	(622,006)	-	(675,610)
6280 Gift Cards	-	-	-	14,519	-	-	-
Personnel O&M Total	40,951,849	45,018,656	42,388,241	40,617,779	47,377,743	40,734,866	48,224,440
Non-personnel O&M							
7101 Advertising	188,470	178,989	174,018	182,655	183,000	175,116	191,500
7102 Sponsorships	161,800	162,400	142,965	44,400	135,000	188,000	100,000
7105 Books & periodicals	11,191	9,893	8,463	7,905	8,470	9,054	8,500
7110 Dues & memberships	170,052	163,012	163,097	119,348	128,212	175,288	183,786
7115 Educational material	20,856	16,369	2,847	944	9,850	1,969	1,000
7120 Office supplies	157,526	156,550	123,199	112,652	108,086	132,578	117,670
7125 Photo equipment/supplies	201	271	300	-	550	21	10,200
7130 Postage/shipping charges	351,766	365,490	331,771	131,607	85,768	52,453	54,916
7135 Telephone expenses	343,737	352,616	370,561	344,164	371,800	367,548	350,650
7140 Training expenses	202,880	194,274	92,927	184,539	215,491	256,536	250,693
7145 Travel expenses	320,344	252,250	129,303	10,689	209,913	89,147	204,814
7147 Mileage Reimbursement (InTownExp)	468	951	2,046	300	2,250	276	1,600
7150 Recruitment Expenses	2,227	3,148	1,472	-	2,000	3,090	1,500
7155 Initial Certificatr/Licensing Reimb	-	298	-	-	2,400	198	2,400
7180 Utilities - departmental	2,601,678	2,588,319	2,648,333	2,690,899	2,712,335	3,449,459	2,947,091
7190 Utilities - CP&L & Mvec	98,953	93,424	101,866	102,349	103,540	118,695	108,940
7199 Miscellaneous office expenses	462	27	3,477	(267)	600	4,603	50
7201 Barricades & signs	4,775	1,844	5,571	7,070	2,900	9,881	7,400
7203 Sand, Caliche, Gravel, Concrete etc	177,968	79,446	38,170	78,480	87,153	165,437	82,550
7205 Lamps, globes & flares	13,296	8,510	7,504	659	800	-	-
7210 Landscaping/Trade a Tree Program	3,631	4,081	1,763	783	11,800	522	6,250
7215 Laundry & janitorial supplies	3,978	3,004	3,805	4,154	5,850	4,354	5,550
7220 Medical supplies	176	306	-	-	250	177	3,000
7225 Safety supplies	106,257	136,859	269,091	258,814	185,530	217,055	229,430
7251 Purchased of Raw Water	31,703	26,750	27,778	16,733	30,000	12,898	30,000
7279 Ultraviolet light system expenses	64,831	277,680	208,187	149,972	185,000	62,478	185,000
7280 Chemicals - activated carbon	56,967	40,447	53,970	58,093	79,700	105,918	229,016
7281 Chemicals - ammonia	97,683	81,413	79,386	61,904	83,886	79,833	221,416
7282 Chemicals - caustic soda	108,291	127,479	110,681	109,453	139,355	134,165	331,010
7283 Chemicals - chlorine	183,820	204,616	222,900	212,406	270,158	386,702	768,384
7284 Chemicals - coagulant	772,027	587,756	672,944	672,535	793,534	1,244,659	1,611,546
7285 Chemicals - copper sulphate	3,935	3,415	3,532	-	3,500	5,960	3,500
7286 Chemicals - deodorants	8,436	12,079	5,362	6,703	9,800	4,465	10,000
7288 Chemicals - ferric chloride	6,638	406	-	-	-	-	-
7290 Chemicals - sodium chloride	108,709	119,824	127,280	154,200	153,810	206,927	390,196
7293 Chemicals - other	682,534	384,329	375,207	373,374	580,716	296,779	869,925
7299 Other materials & supplies	1,643,087	1,482,759	1,669,587	1,637,156	1,718,828	1,652,920	1,580,980
7301 Bad debt expense	397,079	474,191	609,378	636,000	592,500	676,770	620,000
7302 Bankruptcy expenses	-	(326)	(2,024)	(1,284)	1,500	(478)	-
7304 Hurricane Preparedness Expenses	219,600	269,550	353,394	248,099	285,000	295,087	315,000
7305 ERCOT expenses	1,432,298	977,679	1,281,303	1,070,737	1,092,000	812,646	1,083,500

continued

OPERATIONS & MAINTENANCE EXPENSE RECAP BY ACCOUNT - CONTINUED

FY 2018 - FY 2023

Account	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Amended Budget 2022	Unaudited Actual 2022	Approved Budget 2023
Non-personnel O&M - cont.							
7310 Federal, state, & local fees	427,059	465,909	435,630	397,910	439,350	409,793	423,550
7315 Food, meals, ice, water	60,540	54,055	37,970	28,931	38,051	40,478	14,750
7320 Official functions	24,905	22,936	4,910	-	12,800	2,120	7,500
7322 Recognition Program	67,642	90,166	63,350	46,450	85,600	21,252	57,200
7325 Rental of equip/storage/land	577,303	465,221	575,455	575,438	654,420	535,248	817,440
7330 Right of way fees	48,834	42,453	32,676	35,043	184,134	39,929	368,000
7335 Wearing apparel & dry goods	418,297	303,513	129,175	118,408	122,688	142,036	127,691
7340 Promo Exp-Enrgy Efficiency & Consvr	23,859	17,275	13,400	15,722	16,000	12,842	18,000
7345 Rebate Exp-Enrgy Efficiency & Cnsrv	263,060	265,537	231,916	311,320	220,000	256,954	220,000
7346 Water Efficiency Program	5,986	-	-	-	2,000	-	-
7347 Commercial & Industrial Rebate Prog	151,386	189,137	128,488	52,586	115,000	72,325	100,000
7348 Customer Assistance Program	20,695	15,029	35,033	46,694	30,000	10,935	30,000
7380 Insurance - general liability	62,357	57,560	116,063	104,936	56,500	63,459	51,000
7381 Insurance - boiler,mchnry,property	929,602	915,779	1,116,362	1,591,434	2,376,180	1,948,166	2,500,000
7382 Insurance - blanket bond	3,706	5,670	5,721	6,050	6,500	5,971	6,500
7384 Insurance - public officials liab	64,142	63,559	65,096	70,059	80,000	91,609	100,000
7385 Insurance - comprehensive auto liab	136,025	128,417	148,608	163,175	180,000	170,528	174,650
7386 Insurance - umbrella liability	444,123	441,203	451,642	489,642	560,000	593,435	800,000
7387 Insurance - self insured damages	14,695	17,197	13,359	36,633	80,000	25,945	125,000
7388 Excess Workers Compensation	55,057	59,284	44,907	57,469	60,000	64,595	82,250
7405 Auto body repairs	12,185	-	12,646	13,071	13,000	16,730	15,000
7410 Batteries	9,791	-	-	-	-	-	-
7415 Fuels & lubricants	692,546	673,329	512,516	697,709	754,942	955,982	952,627
7420 Parts	476,721	497,530	447,961	529,768	375,000	547,046	375,000
7425 Road service	27,346	56,275	77,508	78,621	37,500	57,440	40,000
7430 Tires	89,662	52,550	45,630	84,130	88,700	120,687	90,000
7501 Maint. of buildings & structures	80,690	173,842	310,272	176,016	512,423	324,155	438,000
7505 Maint. of communication equipment	8,938	10,023	7,007	24,213	16,750	26,661	13,044
7515 Maint. of major equipment	2,108,571	1,573,072	571,651	734,661	599,208	1,142,776	1,039,000
7520 Maint. of minor equipment	47,410	18,847	62,377	41,504	57,600	80,288	77,000
7525 Maint. of boiler plant	231,840	58,587	158,969	143,397	851,431	575,204	348,000
7530 Maint. of electric meters	207,575	230,169	166,408	105,405	96,250	161,503	120,000
7535 Maint. of electric plant	167	-	508	49	-	-	500
7540 Maint. of line transformers	115,417	85,560	89,225	116,016	70,500	91,207	88,000
7550 Maint. of overhead lines	123,997	154,722	117,713	54,324	60,800	117,800	64,800
7555 Maint. of station equipment	20,195	24,624	28,009	66,855	40,000	54,909	50,000
7565 Maint. of street lighting & signals	192,632	409,983	951,224	806,588	666,115	804,079	881,900
7570 Maint. of underground lines	338,059	291,352	238,950	245,215	376,850	445,502	350,500
7574 Maintenance of wells	54,796	111,276	61,355	12,421	20,000	23,227	25,000
7575 Maint. of water meters	384,533	333,872	397,698	341,141	272,319	317,517	325,000
7577 Maint. of distribution mains	77,903	83,423	70,510	230,769	200,000	289,834	234,752
7580 Maint. of reservoirs	297,945	59,278	180,475	233,670	154,435	118,630	213,956
7581 Maint. of resacas	6,777	20,600	131,581	1,786	12,149	1,857	20,000
7585 Maint. of sewer force mains	4,243	557	1,618	4,228	8,000	6,248	8,000
7586 Maint. of sewer gravity lines	61,125	40,809	50,021	87,798	50,000	106,354	75,000
7599 Maintenance / other	58,524	42,208	46,475	35,309	40,950	15,698	46,800
7601 Legal Fees	2,094,300	2,141,679	2,220,556	2,338,155	1,874,828	1,576,224	1,810,474
7605 Engineering fees	401,593	619,202	450,017	188,368	640,142	305,521	1,162,214
7610 Financial advisor services	131,850	45,000	130,388	86,527	75,000	82,127	70,000
7615 External auditor fees	56,500	56,500	15,205	117,201	88,000	65,164	69,900
7620 Environmental consulting fees	89,836	27,865	64,597	112,524	67,500	72,369	65,000
7630 Construction contractor services	493,814	471,148	381,014	548,589	712,000	1,012,637	880,000
7635 Software maintenance service fees	866,599	1,278,408	1,444,868	1,639,911	1,659,407	1,717,511	1,804,238
7645 Maintenance services	2,955,197	2,646,134	2,130,879	1,897,496	2,349,325	2,533,283	2,487,525
7647 Remote Reading Services	-	-	-	-	5,800	-	-
7650 Security services	557,551	632,059	1,188,184	1,258,558	1,594,403	1,540,515	1,526,812
7655 Hauling Services	77,306	141,694	66,895	126,572	116,000	94,821	117,000
7660 Ground Keeping Maintenance	352,148	366,444	396,784	499,972	545,000	618,372	550,000
7696 RESTORE Offset-Nonpersonnel	-	-	-	-	(1,338,129)	-	(2,428,167)
7697 O&M Contingency-Maintenance Pool	-	-	-	-	400,000	-	400,000
7698 O&M Contingency-Budget Pool	-	-	-	-	400,000	-	400,000
7699 Other services	3,525,877	3,814,701	4,123,325	4,980,222	7,118,235	5,339,831	6,819,723
7801 Communication equipment	90,245	51,134	26,594	41,191	63,568	20,266	48,268
7805 Computer equipment	307,179	303,387	540,838	316,466	160,005	371,374	466,765
7806 Software licenses-new	132,158	138,653	151,722	123,324	144,215	108,768	119,558
7810 Laboratory equipment	78,697	95,515	69,768	82,276	73,600	22,706	59,652
7820 Office furniture & equipment	84,612	70,591	46,475	21,154	25,307	28,203	-
7830 Pumping equipment	180,894	194,386	210,612	331,576	235,385	281,770	275,500
7835 Tools, shop and garage equipment	79,854	70,488	71,255	83,021	53,188	90,005	63,225
7840 Water treatment equipment	33,460	29,674	34,668	25,216	15,000	6,175	15,000
7899 Other minor tools & equipment	401,219	450,331	513,748	350,307	281,300	375,230	280,500
Non-personnel O&M Total	33,280,081	32,109,752	33,087,871	33,869,413	38,646,061	38,571,007	42,097,560

continued

OPERATIONS & MAINTENANCE EXPENSE RECAP BY ACCOUNT - CONTINUED

FY 2018 - FY 2023

Account	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Amended Budget 2022	Unaudited Actual 2022	Approved Budget 2023
Type 77 - Fuel & Purchased Power							
7701 Fuel - Natural gas - Silas Ray	1,073,744	1,235,346	1,198,891	8,591,978	2,000,000	1,948,866	2,000,000
7702 Fuel - Natural Gas - Hidalgo Energy	10,222,283	7,491,013	8,021,431	33,315,139	9,000,000	19,274,254	15,000,000
7704 Fuel - TETCO/Hinshaw Pipeline	664,305	551,861	838,119	1,095,257	900,000	940,443	1,500,000
7705 Fuel - Coal - Oklaunion	7,538,764	9,304,377	3,778,547	-	-	-	-
7706 Fuel-Diesel-Distributed Generation	-	-	-	12,977	-	7,020	-
7707 Fuel - Diesel oil - Oklaunion	62,776	197,593	90,616	-	-	-	-
7708 Fuel - Natural Gas Tranp-SilasRay	97,237	79,090	122,914	120,331	200,000	96,926	200,000
7714 Pchp - Wind Resources	9,091,589	7,979,936	3,149,159	-	5,000,000	3,328,180	5,000,000
7720 Pchp - Resource Imbalance	1,515,735	6,936,621	6,653,338	2,315,270	4,500,000	6,875,770	4,500,000
7721 Pchp - Economy power	11,982,163	6,027,609	7,169,856	60,597,664	10,000,000	23,261,861	18,000,000
7724 Pchp - Fixed Energy - AEP PPA	-	-	-	10,637,679	14,000,000	14,236,695	14,000,000
7726 Pchp - Bilateral Energy Expsn-Gas	-	-	-	13,490,400	6,289	-	8,181
7727 Pchp - Bilateral Energy-Gas Transp	-	-	-	-	629	-	818
7729 Pchp - TCOS (Wheeling)	8,032,710	8,043,011	8,675,265	-	7,700,000	9,242,257	8,800,000
7731 Pchp - Fixed expenses - Oklaunion	4,641,903	4,352,561	3,805,918	9,848,333	-	-	-
7732 Pchp - Hidalgo Fixed Operation Fee	3,346,971	3,213,956	3,231,030	-	4,345,864	4,146,274	4,445,846
7733 Pchp - Bilateral Ancillary Services	2,080,658	3,159,197	1,473,738	3,223,658	1,800,000	4,962,520	4,700,000
7736 Pchp - QSE Charges	400,703	402,416	404,101	30,187,914	420,000	410,728	420,000
7737 Pchp - Ercot Charges	1,432,188	1,119,473	1,055,882	405,741	1,300,000	905,114	1,300,000
7738 Pchp - CSC Congestion Cost (CSCBE)	588,547	2,122,757	4,932,015	1,798,044	2,000,000	6,937,072	6,500,000
7740 Power marketing services	318,562	495,848	321,856	(1,193,743)	300,000	562,147	800,000
7750 Pchp - Real Time Energy - Wind	1,467,415	2,676,969	4,310,175	1,932,530	4,087,622	6,014,839	4,908,645
7751 Pchp - Reliability Unit Cmt Exp-Gas	47,274	-	2,203	8,423,072	62,886	13,956	81,811
7752 Pchp - Reliab Unit Cmt - Gas Transp	3,319	-	304	7,041	6,289	565	8,181
7753 Pchp - Day Ahead Energy Exp-Gas	66,202	276,008	941,764	445	125,773	425,278	409,054
7754 Pchp - Day Ahead Energy-Gas Transp	4,228	24,245	77,604	51,023	12,577	25,133	40,905
7755 Pchp - Real Time Energy Exp-Gas	1,411,322	2,677,424	1,928,397	38,626	1,257,730	5,510,357	3,108,808
7756 Pchp - Real Time Energy - Gas Transp	101,511	185,027	197,919	23,021,154	125,773	281,881	24,543
7759 Pchp - Real Time Energy - Coal	2,199,805	1,424,261	387,351	1,165,867	-	-	-
7760 Pchp - Day Ahead Energy-Wind	-	487,155	3,228,190	12,296	314,432	-	409,054
Fuel & Purchased Power Total	68,391,914	70,463,755	65,996,582	209,098,696	69,465,864	109,408,137	96,165,844
SRWA							
7306 SRWA O&M Assessment	3,844,573	3,818,338	3,785,726	3,960,083	4,000,741	4,000,741	5,285,010
7307 SRWA Dbt Svc Assessment	2,090,064	2,134,891	2,113,521	1,434,210	2,115,131	2,115,131	2,116,457
SRWA Total	5,934,637	5,953,229	5,899,247	5,394,293	6,115,872	6,115,872	7,401,467
TOTAL OPERATIONS & MAINTENANCE	\$ 148,558,482	\$ 153,545,391	\$ 147,371,941	\$ 288,980,181	\$ 161,605,541	\$ 194,829,881	\$ 193,889,310
Less:							
Fuel & Purchased Power	\$ 68,391,914	\$ 70,463,755	\$ 65,996,582	\$ 209,098,696	\$ 69,465,864	\$ 109,408,137	\$ 96,165,844
SRWA Assessments	5,934,637	5,953,229	5,899,247	5,394,293	6,115,872	6,115,872	7,401,467
TOTAL APPROVED O&M BUDGET	\$ 74,231,931	\$ 77,128,408	\$ 75,476,112	\$ 74,487,192	\$ 86,023,805	\$ 79,305,873	\$ 90,322,000

Note:

Type 61 & 62 Personnel O&M Totals include \$2,531,264, \$975,000, \$1,664,968 and \$95,131 from other O&M Personnel Supplements for FY 2020, FY 2019, FY 2016 and FY 2015, respectively.

OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT & TYPE FY 2023

ORG. NO.	DEPARTMENT	TYPE DESCRIPTION					
		61 SALARIES & WAGES	62 PERSONNEL SERVICES	71 OFFICE EXPENSES	72 MATERIALS & SUPPLIES	73 MISC. GENERAL EXP.	74 TRANSP. EXP.
1110	General Manager	\$ 376,192	\$ 81,624	\$ 106,800	\$ 550	\$ 3,500	\$ -
1120	Internal Audit	265,928	108,603	11,074	100	-	-
1125	Key Account Marketing	189,796	89,427	12,500	-	5,500	800
1130	Communications & Administrative Svc	212,326	81,719	7,450	2,250	4,000	-
1135	Communications & Public Relations	248,394	99,338	195,600	1,000	7,500	500
1140	Training and Organizational Development	185,789	76,139	5,500	200	2,400	-
1145	Electrical Systems	389,369	148,832	6,860	200	-	-
1150	Board of Directors	-	-	53,000	-	7,000	-
1165	Records Management	180,881	75,520	14,750	700	20,100	500
1170	Digital Information Platforms	117,333	51,895	17,600	-	-	-
1410	Environmental Services	425,110	202,790	17,150	38,000	378,400	1,000
1420	Environmental Compliance	418,677	176,741	17,000	11,000	44,000	2,000
1422	Analytical Lab	798,479	357,269	24,900	169,000	135,800	12,000
1430	Pre-treatment	371,406	170,826	13,200	13,500	7,000	6,000
1435	Cross Connection Control	129,406	53,545	7,750	51,100	1,000	-
1440	Health & Safety	222,455	97,596	61,450	14,700	53,000	7,200
2120	Substations and Relaying	1,164,453	472,314	146,600	61,000	33,500	35,000
2130	Electric Trans & Dist Const and Maint	1,770,671	791,048	60,466	138,500	18,600	150,000
2150	Energy Control Center Operations	1,288,911	490,501	55,935	4,600	4,500	-
2210	SCADA & Electrical Support Services	1,365,730	568,746	20,230	425,000	425,750	30,000
2220	Power Production	1,691,973	678,281	192,200	101,600	32,500	3,500
2310	Electric Meter Shop	325,757	178,216	8,538	25,000	6,000	12,485
2410	Electric Engineering	657,890	256,231	38,070	2,550	4,000	3,300
3110	W&WW Eng, Planning & Operations	145,922	70,832	15,535	-	1,500	1,700
3120	Water Plant I	499,010	226,247	202,100	1,720,133	120,900	1,500
3130	Water Plant II	346,705	156,958	308,381	1,762,089	111,684	1,147
3135	Resaca Maintenance	624,844	(408,854)	31,609	252,976	343,623	236,600
3140	Raw Water Supply	160,559	82,744	122,575	47,600	2,700	6,000
3145	W/WW Plant Maintenance	576,811	252,538	4,985	90,500	15,000	43,000
3150	W/WW Operations & Construction	1,724,915	857,447	33,500	277,630	30,000	110,000
3155	W/WW Operations & Maintenance	1,122,928	530,915	5,900	111,500	4,000	50,000
3160	Potable Water Transport Services	91,384	40,410	-	2,750	500	2,500
3210	South Wastewater Treatment Plant	424,285	171,246	550,482	421,888	108,715	1,000
3220	Robindale Wastewater Treatment Plnt	600,425	241,702	547,472	453,507	17,510	2,000
3225	W/WW Sludge Management	390,287	176,477	1,300	7,600	2,000	60,000
3230	Wastewater Lift Stations	1,004,891	445,718	562,600	165,000	35,000	45,000
3310	Water & Wastewater Engineering	754,688	313,107	14,300	1,500	3,800	15,000
4105	Operations	631,362	226,619	10,900	1,250	-	-
4110	Energy Risk Management	96,325	30,414	3,200	150	-	-
4115	Asset Management	1,000	-	2,500	1,000	-	-
4210	NERC Compliance	393,952	154,870	700	500	51,000	-
4220	Fuel & Purchased Energy Supply	71,573	32,469	6,800	250	900,000	-
4230	Natural Gas Utility Management	-	-	-	-	-	-
4310	Operational Support Services	297,648	110,485	10,695	750	-	-
5110	Finance	735,692	289,593	23,980	50	8,000	-
5120	Accounting	576,022	254,170	18,915	100	1,500	-
5130	Purchasing	379,687	168,673	48,660	1,500	4,320	-
5140	Revenue Recovery	146,831	75,080	1,940	5,000	3,280	3,000
6105	Customer & Information Services	212,715	83,634	7,150	-	30,800	-
6110	Customer Service	497,709	261,643	8,920	-	4,000	-
6115	Collections	156,773	86,581	300	500	500,100	-
6120	Billing	369,720	192,830	19,335	2,000	11,650	3,500
6125	Call Center	445,186	217,631	5,400	-	250	-
6130	Meter Services	377,769	198,235	3,925	17,000	6,489	30,000
6135	CIS Support	189,203	76,449	6,684	100	300	-
6145	Energy Efficiency & Conservation	52,749	28,254	-	-	338,000	500
6150	Meter Reading	442,032	251,367	9,000	19,000	7,600	35,000
6160	Cashiers	298,472	161,148	4,000	-	100	-
7120	Risk/Insurance Management	136,011	55,954	6,875	230	3,839,400	4,000
7125	Right-of-Way	2,703	-	5,105	400	150,000	2,000
7130	Information Technology	1,218,283	515,177	209,100	5,000	-	700
7135	Geographic Information Systems	518,092	234,347	7,090	4,600	3,500	3,000
7140	Human Resources	222,685	158,779	3,014	-	16,172	-
7145	Talent Acquisition & Staffing	195,478	78,684	5,740	-	200	-
7150	Fleet Management	394,154	192,471	19,300	17,700	43,000	545,000
7155	Compensation & Benefits	288,171	152,362	5,370	-	528	-
7160	Facility Maintenance	237,131	109,384	473,500	60,500	2,000	1,000
7165	Security Operations	67,018	31,479	4,550	5,000	-	-
7170	Warehouse	187,181	108,747	96,950	6,850	2,860	4,595
7175	Facility Maint-FM 511 Service Yard	142,021	88,469	6,450	20,000	600	600
7180	Facility Maintenance-Annex	50,274	27,841	3,900	20,500	400	-
9110	Company-wide Expenses	267,900	3,541,812	-	-	7,526,467	-
Grand Total		\$ 31,564,101	\$ 16,660,339	\$ 4,535,309	\$ 6,565,153	\$ 15,443,498	\$ 1,472,627
LESS:							
Fuel & Purchase Power		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRWA Obligations		-	-	-	-	7,401,467	-
TOTAL OPERATIONS & MAINTENANCE		\$ 31,564,101	\$ 16,660,339	\$ 4,535,309	\$ 6,565,153	\$ 8,042,031	\$ 1,472,627

OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT & TYPE FY 2023 (continued)

ORG. NO.	DEPARTMENT	TYPE DESCRIPTION				GRAND TOTAL
		75 MAINT. OF GENERAL	76 CONSULTANTS/ OUTSIDE SVC.	77 FUEL & PURCH. POWER	78 PURCH/MINOR TOOLS & EQUIP.	
1110	General Manager	\$ -	\$ 1,587,831	\$ -	\$ 800	\$ 2,157,297
1120	Internal Audit	-	-	-	-	385,705
1125	Key Account Marketing	-	3,000	-	-	301,023
1130	Communications & Administrative Svc	-	2,000	-	-	309,745
1135	Communications & Public Relations	-	162,500	-	1,400	716,232
1140	Training and Organizational Development	-	67,420	-	1,845	339,293
1145	Electrical Systems	-	135,400	-	750	681,411
1150	Board of Directors	-	207,261	-	1,000	268,261
1165	Records Management	-	175,000	-	2,700	470,152
1170	Digital Information Platforms	-	46,125	-	-	232,952
1410	Environmental Services	-	93,100	-	200	1,155,750
1420	Environmental Compliance	25,000	619,450	-	1,000	1,314,869
1422	Analytical Lab	-	223,300	-	30,000	1,750,748
1430	Pre-treatment	15,000	39,000	-	7,000	642,932
1435	Cross Connection Control	-	277,000	-	-	519,801
1440	Health & Safety	-	370,500	-	15,500	842,401
2120	Substations and Relaying	115,750	11,000	-	21,500	2,061,117
2130	Electric Trans & Dist Const and Maint	1,019,800	30,000	-	99,000	4,078,084
2150	Energy Control Center Operations	-	400	-	3,000	1,847,847
2210	SCADA & Electrical Support Services	20,000	445,000	-	71,000	3,371,455
2220	Power Production	1,160,250	206,544	4,445,846	9,000	8,521,694
2310	Electric Meter Shop	120,544	200	-	11,800	688,540
2410	Electric Engineering	327,700	1,234,223	-	16,498	2,540,463
3110	W&WW Eng, Planning & Operations	-	3,680	-	500	239,668
3120	Water Plant I	160,500	94,700	-	25,000	3,050,090
3130	Water Plant II	48,956	97,650	-	17,402	2,850,972
3135	Resaca Maintenance	10,000	(889,278)	-	11,925	213,445
3140	Raw Water Supply	40,000	20,000	-	2,500	484,678
3145	W/WW Plant Maintenance	750	320,000	-	23,000	1,326,584
3150	W/WW Operations & Construction	171,002	571,000	-	43,700	3,819,194
3155	W/WW Operations & Maintenance	490,000	310,000	-	39,468	2,664,711
3160	Potable Water Transport Services	1,000	-	-	6,500	145,044
3210	South Wastewater Treatment Plant	356,000	346,600	-	17,250	2,397,466
3220	Robindale Wastewater Treatment Plnt	283,000	54,000	-	40,000	2,239,616
3225	W/WW Sludge Management	-	-	-	9,000	646,664
3230	Wastewater Lift Stations	25,750	350,600	-	266,000	2,900,560
3310	Water & Wastewater Engineering	-	86,000	-	-	1,188,395
4105	Operations	-	101,800	-	-	971,931
4110	Energy Risk Management	-	48,825	-	1,400	180,314
4115	Asset Management	-	250,000	-	-	254,500
4210	NERC Compliance	-	500	-	2,000	603,522
4220	Fuel & Purchased Energy Supply	-	14,000	91,720,000	500	92,745,592
4230	Natural Gas Utility Management	-	1,000	-	-	1,000
4310	Operational Support Services	-	9,500	-	500	429,577
5110	Finance	-	194,900	-	2,000	1,254,215
5120	Accounting	-	20,000	-	-	870,707
5130	Purchasing	-	25,000	-	560	628,400
5140	Revenue Recovery	-	-	-	-	235,131
6105	Customer & Information Services	-	1,500	-	-	335,799
6110	Customer Service	-	39,500	-	-	811,773
6115	Collections	-	4,320	-	-	748,574
6120	Billing	-	400,000	-	-	999,035
6125	Call Center	-	21,900	-	-	690,367
6130	Meter Services	500	3,000	-	500	637,418
6135	CIS Support	-	233,929	-	-	506,664
6145	Energy Efficiency & Conservation	-	75,000	-	-	494,503
6150	Meter Reading	1,000	22,000	-	2,500	789,499
6160	Cashiers	-	772,964	-	-	1,236,684
7120	Risk/Insurance Management	-	90,100	-	-	4,132,570
7125	Right-of-Way	-	15,000	-	-	175,208
7130	Information Technology	-	1,224,395	-	420,000	3,592,655
7135	Geographic Information Systems	-	150,000	-	6,000	926,630
7140	Human Resources	-	227,532	-	-	628,182
7145	Talent Acquisition & Staffing	-	75,000	-	-	355,102
7150	Fleet Management	-	425,000	-	16,000	1,652,624
7155	Compensation & Benefits	-	69,000	-	5,520	520,951
7160	Facility Maintenance	20,000	1,243,000	-	3,000	2,149,514
7165	Security Operations	-	1,715,348	-	2,000	1,825,395
7170	Warehouse	750	13,000	-	2,000	422,933
7175	Facility Maint-FM 511 Service Yard	3,000	38,500	-	750	300,390
7180	Facility Maintenance-Annex	3,000	105,000	-	7,000	217,914
9110	Company-wide Expenses	-	803,000	-	60,000	12,199,179
	Grand Total	\$ 4,419,252	\$ 15,734,718	\$ 96,165,846	\$ 1,328,469	\$ 193,889,313
LESS:						
	Fuel & Purchase Power	\$ -	\$ -	\$ 96,165,846	\$ -	\$ 96,165,846
	SRWA Obligations	-	-	-	-	7,401,467
	TOTAL OPERATIONS & MAINTENANCE	\$ 4,419,252	\$ 15,734,718	\$ -	\$ 1,328,469	\$ 90,322,000

OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT

FY 2019 – FY 2023

ORG. NO.	DEPARTMENT	Actual FY 2019	Actual FY 2020	Actual FY 2021	Amended Budget FY 2022	UNAUDITED Actual FY 2022	Approved Budget FY 2023
1110	General Manager	\$ 2,186,863	\$ 2,021,712	\$ 2,192,455	\$ 1,876,117	\$ 2,247,068	\$ 2,157,297
1120	Internal Audit	341,619	353,733	360,037	387,089	363,046	385,705
1125	Key Account Marketing	300,570	279,112	251,841	308,259	236,890	301,023
1130	Communications & Administrative Svc	230,732	321,924	204,674	210,819	213,077	309,745
1135	Communications & Public Relations	634,337	684,961	550,126	837,466	736,305	716,232
1140	Training and Organizational Development	386,244	363,744	309,185	334,967	351,164	339,293
1145	Electrical Systems	363,019	281,092	443,012	445,077	731,848	681,411
1150	Board of Directors	115,832	108,045	187,926	176,819	290,904	268,261
1165	Records Management	369,756	390,729	399,496	524,859	418,224	470,152
1170	Digital Information Platforms	-	-	195,734	212,327	213,868	232,952
1410	Environmental Services	1,164,494	1,178,659	1,212,604	1,250,961	1,103,880	1,155,750
1420	Environmental Compliance	866,583	977,411	1,030,527	2,078,601	1,046,773	1,314,869
1422	Analytical Lab	1,674,429	1,685,680	1,670,048	1,961,680	1,519,384	1,750,748
1430	Pre-treatment	629,044	559,400	597,004	656,207	629,984	642,932
1435	Cross Connection Control	259,090	488,168	483,374	615,251	488,687	519,801
1440	Health & Safety	1,351,340	827,400	692,345	662,198	583,644	842,401
2120	Substations and Relaying	1,958,950	2,212,968	2,256,461	2,130,541	2,177,691	2,061,117
2130	Electric Trans & Dist Construction and Maint	3,450,567	4,128,131	3,745,296	3,842,127	4,766,423	4,078,084
2140	Elec Trans & Dist Maintenance	(7,767)	-	-	-	-	-
2150	Energy Control Center Operations	1,500,416	1,455,701	1,584,422	1,813,578	1,915,999	1,847,847
2210	SCADA & Electrical Support Services	2,737,047	3,126,565	3,037,333	3,344,105	3,394,686	3,371,455
2220	Power Production	11,631,729	10,291,038	6,657,543	8,899,664	8,555,357	8,521,694
2310	Electric Meter Shop	781,223	684,133	679,860	731,518	685,495	688,540
2410	Electric Engineering	2,111,237	2,036,084	2,209,760	2,583,279	2,584,600	2,540,463
3110	W&WW Eng, Planning & Operations	150,451	336,943	227,269	243,520	229,554	239,668
3120	Water Plant I	1,762,555	1,764,720	1,798,390	2,214,699	2,428,466	3,050,090
3130	Water Plant II	1,268,199	1,457,608	1,549,756	1,819,306	2,230,690	2,850,972
3135	Resaca Maintenance	877,325	937,120	803,887	907,421	549,883	213,445
3140	Raw Water Supply	513,911	710,236	580,826	544,403	380,549	484,678
3145	W/WW Plant Maintenance	1,646,761	1,139,363	1,050,080	1,127,301	1,161,794	1,326,584
3150	W/WW Operations & Construction	5,436,217	4,631,566	3,638,887	3,821,155	4,084,978	3,819,194
3155	W/WW Operations & Maintenance	-	844,723	2,219,744	2,344,574	2,433,267	2,664,711
3160	Potable Water Transport Services	-	21,345	144,613	148,946	146,221	145,044
3210	South Wastewater Treatment Plant	1,302,325	1,337,872	1,296,696	1,523,347	1,764,854	2,397,466
3220	Robindale Wastewater Treatment Plnt	1,897,881	1,760,689	1,787,305	1,869,889	2,320,075	2,239,616
3225	W/WW Sludge Management	675,080	558,439	620,385	648,673	532,036	646,664
3230	Wastewater Lift Stations	3,813,108	2,702,365	2,682,867	2,664,407	3,093,555	2,900,560
3310	Water & Wastewater Engineering	812,608	1,014,455	785,951	1,220,924	682,681	1,188,395
4105	Operations	718,795	679,088	943,732	995,336	887,125	971,931
4110	Energy Risk Management	223,401	345,749	208,933	235,041	223,911	180,314
4115	Asset Management	-	-	-	109,050	40,936	254,500
4210	NERC Compliance	662,098	498,784	492,656	597,319	566,076	603,522
4220	Fuel & Purchased Energy Supply	63,792,061	60,289,743	207,016,436	66,266,537	106,094,664	92,745,592
4230	Natural Gas Utility Management	-	-	-	5,000	-	1,000
4310	Operational Support Services	931,672	1,233,123	493,725	604,161	404,979	429,577
5110	Finance	1,086,956	1,332,473	1,586,351	1,517,321	1,333,781	1,254,215
5120	Accounting	1,097,200	1,082,056	925,856	978,861	915,810	870,707
5130	Purchasing	556,991	563,912	611,612	621,053	626,533	628,400
5140	Revenue Recovery	211,747	225,029	228,634	242,715	248,393	235,131
6105	Customer & Information Services	368,123	357,426	404,508	382,776	374,969	335,799
6110	Customer Service	846,460	842,267	944,324	894,677	850,509	811,773
6115	Collections	650,993	457,709	846,040	758,035	822,080	748,574
6120	Billing	1,003,452	1,006,856	1,081,866	1,070,672	1,004,140	999,035
6125	Call Center	618,427	679,486	710,971	748,294	675,512	690,367
6130	Meter Services	596,066	534,822	548,986	631,542	649,054	637,418
6135	CIS Support	459,594	470,173	463,168	493,985	414,803	506,664
6145	Energy Efficiency & Conservation	620,241	516,219	539,113	511,919	497,276	494,503
6150	Meter Reading	699,285	670,826	699,143	767,951	743,518	789,499
6160	Cashiers	1,056,551	1,054,016	1,177,558	1,132,749	1,224,825	1,236,684
7120	Risk/Insurance Management	1,923,312	2,205,586	2,864,083	3,770,539	3,276,552	4,132,570
7125	Right-of-Way	-	-	-	-	-	175,208
7130	Information Technology	2,930,896	3,319,480	3,323,404	3,071,087	3,495,712	3,592,655
7135	Geographic Information Systems	1,087,936	1,058,734	1,101,427	1,059,797	1,103,833	926,630
7140	Human Resources	824,225	789,126	575,812	685,209	547,682	628,182
7145	Talent Acquisition and Staffing	311,563	290,253	351,036	368,881	394,123	355,102
7150	Fleet Management	1,619,547	1,678,700	1,840,290	1,600,383	1,951,543	1,652,624
7155	Compensation & Benefits	380,059	444,410	395,520	486,550	511,841	520,951
7160	Facility Maintenance	1,259,686	1,544,257	1,710,231	1,509,395	2,101,295	2,149,514
7165	Security Operations	-	1,004,213	1,259,171	1,802,653	1,707,471	1,825,395
7170	Warehouse	325,604	352,045	382,058	345,146	459,818	422,933
7175	Facility Maintenance-FM 511 Service Yard	-	27,282	185,702	444,946	312,314	300,390
7180	Facility Maintenance-Annex	-	-	71,232	759,799	183,357	217,914
9110	Company-wide Expenses	11,488,674	8,144,265	4,858,886	9,154,090	2,891,847	12,199,179
9150	Prior FY Encumbered Budget	-	-	-	-	-	-
TOTAL APPROPRIATIONS		\$ 153,545,392	\$ 147,371,941	\$ 288,980,181	\$ 161,605,541	\$ 194,829,882	\$ 193,889,312
LESS:							
FUEL & PURCHASED POWER		\$ 70,463,755	\$ 65,996,582	\$ 209,098,696	\$ 69,465,864	\$ 109,408,137	\$ 96,165,846
SRWA ASSESSMENTS		5,953,229	5,899,247	5,394,293	6,115,872	6,115,872	7,401,467
TOTAL OPERATIONS & MAINTENANCE		\$ 77,128,408	\$ 75,476,112	\$ 74,487,192	\$ 86,023,805	\$ 79,305,874	\$ 90,322,000

Note:

1. Does not include Southmost Regional Water Authority (SRWA).

OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT FY 2023 BUDGET

ORGN	DEPARTMENT	OPERATIONS & MAINTENANCE		TOTAL O&M
		PERSONNEL	NON-PERSONNEL	
1110	General Manager	\$ 457,816	\$ 1,699,481	\$ 2,157,297
1120	Internal Audit	374,531	11,174	385,705
1125	Key Account Marketing	279,223	21,800	301,023
1130	Communications & Administrative Svc	294,045	15,700	309,745
1135	Communications & Public Relations	347,732	368,500	716,232
1140	Training and Organizational Development	261,928	77,365	339,293
1145	Electrical Systems	538,201	143,210	681,411
1150	Board of Directors	-	268,261	268,261
1165	Records Management	256,402	213,750	470,152
1170	Digital Information Platforms	169,227	63,725	232,952
1410	Environmental Services	627,900	527,850	1,155,750
1420	Environmental Compliance	595,419	719,450	1,314,869
1422	Analytical Lab	1,155,748	595,000	1,750,748
1430	Pre-treatment	542,232	100,700	642,932
1435	Cross Connection Control	182,951	336,850	519,801
1440	Health & Safety	320,051	522,350	842,401
2120	Substations and Relaying	1,636,767	424,350	2,061,117
2130	Electric Trans & Dist Construction and Maintenance	2,561,718	1,516,366	4,078,084
2150	Energy Control Center Operations	1,779,412	68,435	1,847,847
2210	SCADA & Electrical Support Services	1,934,475	1,436,980	3,371,455
2220	Power Production	2,370,254	6,151,440	8,521,694
2310	Electric Meter Shop	503,973	184,567	688,540
2410	Electric Engineering	914,122	1,626,341	2,540,463
3110	W&WW Eng, Planning & Operations	216,753	22,915	239,668
3120	Water Plant I	725,257	2,324,833	3,050,090
3130	Water Plant II	503,663	2,347,309	2,850,972
3135	Resaca Maintenance	215,990	(2,545)	213,445
3140	Raw Water Supply	243,303	241,375	484,678
3145	W/WW Plant Maintenance	829,349	497,235	1,326,584
3150	W/WW Operations & Construction	2,582,362	1,236,832	3,819,194
3155	W/WW Operations & Maintenance	1,653,842	1,010,868	2,664,711
3160	Potable Water Transport Services	131,794	13,250	145,044
3210	South Wastewater Treatment Plant	595,531	1,801,935	2,397,466
3220	Robindale Wastewater Treatment Plnt	842,127	1,397,489	2,239,616
3225	W/WW Sludge Management	566,764	79,900	646,664
3230	Wastewater Lift Stations	1,450,610	1,449,950	2,900,560
3310	Water & Wastewater Engineering	1,067,795	120,600	1,188,395
4105	Operations	857,981	113,950	971,931
4110	Energy Risk Management	126,739	53,575	180,314
4115	Asset Management	1,000	253,500	254,500
4210	NERC Compliance	548,822	54,700	603,522
4220	Fuel & Purchased Energy Supply	104,042	92,641,550	92,745,592
4230	Natural Gas Utility Management	-	1,000	1,000
4310	Operational Support Services	408,132	21,445	429,577
5110	Finance	1,025,285	228,930	1,254,215
5120	Accounting	830,192	40,515	870,707
5130	Purchasing	548,360	80,040	628,400
5140	Revenue Recovery	221,911	13,220	235,131
6105	Customer & Information Services	296,349	39,450	335,799
6110	Customer Service	759,353	52,420	811,773
6115	Collections	243,354	505,220	748,574
6120	Billing	562,550	436,485	999,035
6125	Call Center	662,817	27,550	690,367
6130	Meter Services	576,004	61,414	637,418
6135	CIS Support	265,652	241,012	506,664
6145	Energy Efficiency & Conservation	81,003	413,500	494,503
6150	Meter Reading	693,399	96,100	789,499
6160	Cashiers	459,620	777,064	1,236,684
7120	Risk/Insurance Management	191,965	3,940,605	4,132,570
7125	Right-of-Way	2,703	172,505	175,208
7130	Information Technology	1,733,460	1,859,195	3,592,655
7135	Geographic Information Systems	752,440	174,190	926,630
7140	Human Resources	381,464	246,718	628,182
7145	Talent Acquisition and Staffing	274,162	80,940	355,102
7150	Fleet Management	586,624	1,066,000	1,652,624
7155	Compensation & Benefits	440,533	80,418	520,951
7160	Facility Maintenance	346,514	1,803,000	2,149,514
7165	Security Operations	98,497	1,726,898	1,825,395
7170	Warehouse	295,928	127,005	422,933
7175	Facility Maintenance-FM 511 Service Yard	230,490	69,900	300,390
7180	Facility Maintenance-Annex	78,114	139,800	217,914
9110	Company-wide Expenses	3,809,712	8,389,467	12,199,179
	TOTAL APPROPRIATIONS	\$ 48,224,440	\$ 145,664,873	\$ 193,889,312
LESS:				
	FUEL & PURCHASED POWER	\$ -	\$ 96,165,846	\$ 96,165,846
	SRWA ASSESSMENTS	-	7,401,467	7,401,467
	TOTAL OPERATIONS & MAINTENANCE	\$ 48,224,440	\$ 42,097,560	\$ 90,322,000

**FY 2023 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Communications & Admin Svc Division	1130 Communications & Administrative Svc	ACTING DIR. OF COMM & ADM SVC	1
		ORG TOTAL	1
	1135 Communications & Public Relations	COMMUNICATIONS & PR MANAGER	1
		LEAD COMM & PR COORDINATOR	1
		SENIOR COMM & PR COORDINATOR	2
		ORG TOTAL	4
	1165 Records Management	ENTERPRISE CONTENT/REC/POL MGR	1
		LEAD RECORDS MGMT COORD	1
		SENIOR RECORDS ASSISTANT	2
		ORG TOTAL	4
	1170 Digital Information Platforms	DIGITAL INFO PLATFORMS TECH MA	1
		DIGITAL INFO/MEDIA PLAT COORD	1
		ORG TOTAL	2
	1440 Health & Safety	ADMINISTRATIVE ASSISTANT	1
		HEALTH & SAFETY ADMINISTRATOR	1
		HEALTH & SAFETY MANAGER	1
		SAFETY COORDINATOR	1
		ORG TOTAL	4
	7120 Risk/Insurance Management	ACTING RISK MANAGER	1
		SENIOR WORKERS' COMP COORD	1
		ORG TOTAL	2
	7165 Security Operations	SECURITY COORDINATOR	1
		ORG TOTAL	1
		DIVISION TOTAL	18
Customer & Information Svc Division	1125 Key Account Marketing	BUS DEVL & KEY ACCTS MANAGER	1
		KEY ACCOUNTS REPRESENTATIVE	1
		SENIOR BUSINESS DEVELOP REP	1
		ORG TOTAL	3
	6105 Customer & Information Services	ADMINISTRATIVE ASSISTANT	1
		ADMINISTRATIVE CLERK	1
		DIR OF CUST SERV/INFO TECH	1
		ORG TOTAL	3
	6110 Customer Service	CUSTOMER SERVICE MANAGER	1
		CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	2
		LEAD CUSTOMER SOLUTIONS REP	5
		SENIOR CUSTOMER SOLUTIONS REP	3
		ORG TOTAL	12
	6115 Collections	CUSTOMER SERVICE SUPERVISOR	1
		LEAD CUSTOMER SOLUTIONS REP	1
		SENIOR CUSTOMER SOLUTIONS REP	2
		ORG TOTAL	4
	6120 Billing	BILLING ADMINISTRATOR	1
		BILLING MANAGER	1
		LEAD CUSTOMER SOLUTIONS REP	3
		MESSENGER	1
		SENIOR CUSTOMER SOLUTIONS REP	3
		ORG TOTAL	9
	6125 Call Center	CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	2
		LEAD CUSTOMER SOLUTIONS REP	4
		SENIOR CUSTOMER SOLUTIONS REP	5
		ORG TOTAL	12
	6130 Meter Services	LEAD METER SERVICES TECHNICIAN	2
		METER SERVICES SUPERVISOR	1
		METER SERVICES TECHNICIAN	1
		SENIOR METER SERVICES TECH	5
		ORG TOTAL	9

**FY 2023 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Customer & Information Svc Division	6135 CIS Support	CIS SUPPORT MANAGER	1
		LEAD CUST SOLUTIONS ANALYST	1
		SENIOR CUST SOLUTIONS ANALYST	2
		ORG TOTAL	4
	6145 Energy Efficiency & Conservation	ENERGY EFF & CONSERV COORD	1
		ORG TOTAL	1
	6150 Meter Reading	LEAD METER READER	2
		METER READER	6
		METER READING SUPERVISOR	1
		SENIOR METER READER	5
		ORG TOTAL	14
	6160 Cashiers	CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	2
		LEAD CUSTOMER SOLUTIONS REP	3
		SENIOR CUSTOMER SOLUTIONS REP	2
		ORG TOTAL	8
	7130 Information Technology	AREA MANAGER	1
		AUD/VIS & WIRELESS COMM SPEC	1
		COMPUTER TECH SUPPORT SPEC	1
		INFORMATION TECH PROJECT COORD	2
		IT COMPUTER TECH SUPPORT SPEC	1
		IT CYBER SECURITY ADM	1
		IT HARDWARE SUPPORT MGR	1
		IT SYS PLAN/PROJECT COORD MGR	1
		IT SYS/SOFTWARE SUPP MGR	1
		LEAD IT NETWORK/COMM SUPP ADM	1
		LEAD MICROCOMPUTER SUPP SPEC	1
		NETWORK ADMINISTRATOR	1
		NETWORK TECH SPECIALIST	1
		SENIOR IT PROJECT COORDINATOR	2
		SYSTEMS PROGRAMMER ANALYST	1
		WIRELESS COMM & AUD/VIS ADMIN	1
		ORG TOTAL	18
		DIVISION TOTAL	97
Electrical Systems Division	1145 Elect Transmission and Distribution	AREA MANAGER	1
		DIRECTOR OF ELECTRIC T&D	1
		ELEC. TRAINING COORD. (CERT)	1
		SENIOR ADMINISTRATIVE ASST	1
		ORG TOTAL	4
	2120 Substations and Relaying	ADMINISTRATIVE ASSISTANT	1
		APPRENTICE RELAY TECHNICIAN	1
		RELAY TECHNICIAN	1
		RELAYING SUPERVISOR	1
		SENIOR SUBSTATION TECHNICIAN	3
		SUBSTATION SUPERVISOR	1
		SUBSTATION TECH APPRENTICE	4
		SUBSTATIONS & RELAYING MANAGER	1
		ORG TOTAL	13
	2130 Elec T&D Construction & Maintenance	ADMINISTRATIVE ASSISTANT	1
		APPRENTICE LINEWORKER	17
		ELECTRIC FOREMAN (CERTIFIED)	8
		ELECTRIC MAINTENANCE WORKER	10
		ELECTRIC OPERATIONS MANAGER	1
		GRADUATE ENGINEER	1
		GROUND WORKER	4
		LINEWORKER (CERTIFIED)	10
		LINEWORKER (NON-CERTIFIED)	6
		ORG TOTAL	58
	2150 Energy Control Center Operations	DISPATCH CLERK	1
		ENERGY CONTROL CENTER ASST	1
		ENERGY SYSTEM OPERATIONS MGR	1
		ENERGY SYSTEM OPERATOR	1
		ENERGY SYSTEM OPERATOR APR	2
		LEAD ENERGY SYSTEM OPERATOR	5
		SENIOR ENERGY SYSTEM OPERATOR	4
		ORG TOTAL	15

**FY 2023 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Electrical Systems Division	2220 Power Production	ADMINISTRATIVE ASSISTANT	1
		GRADUATE ENGINEER	1
		LAB TECHNICIAN-OPERATOR	1
		LD POWER PLANT INSTRUMENT TECH	1
		POWER PLANT FOREMAN	1
		POWER PLANT MAINTENANCE SUPR	1
		POWER PLANT MAINTENANCE TECH	5
		POWER PLANT MANAGER	1
		POWER PLANT OPERATIONS FOREMAN	3
		POWER PLANT OPERATIONS SUPR	1
		POWER PLANT OPERATOR	6
		SENIOR ENGINEER (REGISTERED)	1
		SENIOR POWER PLANT OPERATOR	4
		ORG TOTAL	27
	2310 Electric Meter Shop	ELECTRIC METER SHOP SUPERVISOR	1
		GRADUATE ENGINEER	1
		METER TECHNICIAN	1
		METER TECHNICIAN APPRENTICE	3
		SENIOR METER TECHNICIAN	2
		ORG TOTAL	8
	2410 Electric Engineering	ACTING SR OP ENG (REGISTERED)	1
		ADMINISTRATIVE ASSISTANT	1
		CAD DRAFTER	1
		ENGINEERING MANAGER	1
		ENGINEERING TECHNICIAN	1
		GRADUATE ENGINEER	5
		SENIOR ENGINEER (REGISTERED)	1
		SENIOR ENGINEERING TECHNICIAN	1
		SENIOR GRADUATE ENGINEER	1
		SENIOR OPS ENG (REGISTERED)	1
		ORG TOTAL	14
	4220 Fuel & Purchased Energy Supply	ACTING FUEL & PUR. ENERGY MGR	1
		ORG TOTAL	1
		DIVISION TOTAL	140
Environmental Division	1410 Environmental Services	DIR OF ENVIRONMENTAL SERVICES	1
		ENVIRO SOFTWARE SOLUTIONS SPEC	1
		QUALITY ASSURANCE SPECIALIST	3
		SENIOR ADMINISTRATIVE ASST	1
		ORG TOTAL	6
	1420 Environmental Compliance	ENVIRONMENTAL MANAGER	1
		LEAD ENV COMPLIANCE SPECIALIST	2
		SENIOR ENV COMPLIANCE SPEC	2
		SENIOR ENVIRONMENTAL TECH	1
		ORG TOTAL	6
	1422 Analytical Lab	ADMINISTRATIVE ASSISTANT	1
		CHEMIST	2
		LAB & CROSS CONN CONT MANAGER	1
		LAB COMPLIANCE COORDINATOR	2
		LABORATORY ADMINISTRATOR	1
		LABORATORY TECHNICIAN	1
		SENIOR LABORATORY TECHNICIAN	8
		ORG TOTAL	16
	1430 Pre-treatment	ADMINISTRATIVE ASSISTANT	1
		ENVIRONMENTAL TECHNICIAN	3
		PRETREATMENT MANAGER	1
		SENIOR ENV COMPLIANCE SPEC	2
		ORG TOTAL	7

**FY 2023 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Environmental Division	1435 Cross Connection Control	ENVIRONMENTAL TECHNICIAN	1
		LD CROSS CONNECT CONTROL COORD	1
		SENIOR ENVIRONMENTAL TECH	1
		ORG TOTAL	3
Finance Division	5110 Finance	DIVISION TOTAL	38
		BUSINESS PROCESS ADMINISTRATOR	1
		CHIEF FINANCIAL OFFICER	1
		DIRECTOR OF FINANCE	1
		EXECUTIVE ASSISTANT	1
		FINANCE MANAGER	1
		SENIOR ADMINISTRATIVE ASST	1
		SENIOR BUDGET ANALYST	1
		SENIOR FINANCIAL ANALYST	1
		TREAS & ACCT SUPP SERV MANAGER	1
		TREASURY ADMINISTRATOR	1
		ORG TOTAL	10
	5120 Accounting	ACCOUNTANT	3
		ACCOUNTS PAYABLE SUPERVISOR	1
		CONTROLLER	2
		GRANTS COORDINATOR	1
		LEAD ACCOUNTANT	1
		LEAD ACCOUNTING CLERK	3
		PAYROLL SPECIALIST	1
		SENIOR ACCOUNTANT	1
		ORG TOTAL	13
	5130 Purchasing	BUYER	3
		CONTRACTS COORDINATOR	1
		MATERIALS & WAREHOUSE MANAGER	1
		PURCHASING ADMINISTRATOR	1
		PURCHASING CLERK	1
		ORG TOTAL	7
	5140 Revenue Recovery	REVENUE RECOVERY SUPERVISOR	1
		REVENUE RECOVERY TECHNICIAN	2
		ORG TOTAL	3
	7160 Facility Maintenance	CUSTODIAN	2
		FACILITIES MAINT. SUPERVISOR	1
		FACILITIES MANAGER	1
		LEAD CUSTODIAN	1
		ORG TOTAL	5
	7170 Warehouse	SENIOR STOREKEEPER	2
		STOREKEEPER	2
		WAREHOUSE ADMINISTRATOR	1
		ORG TOTAL	5
	7175 Facility Maintenance-FM511 Svc Yard	CUSTODIAN	1
		FACILITIES MAINT. SUPERVISOR	1
		LEAD CUSTODIAN	1
		MAINTENANCE WORKER	1
		ORG TOTAL	4
	7180 Facility Maintenance-Annex	FACILITIES MAINT. SUPERVISOR	1
		ORG TOTAL	1
	1110 General Manager	DIVISION TOTAL	48
		EXECUTIVE ASSISTANT	1
		GENERAL MANAGER & CEO	1
		SENIOR EXECUTIVE ASSISTANT	1
		ORG TOTAL	3
	1120 Internal Audit	AUDIT MANAGER	1
		LEAD INTERNAL AUDITOR	2
		ORG TOTAL	3
		DIVISION TOTAL	6
Human Resources Division	1140 Training and Organizational Develop	TRAIN/ORG DEVELOPMENT REP.	1
		TRAIN/ORG DEVL ADMIN	1
		TRAINING/ORG DEVL MANAGER	1
		ORG TOTAL	3

**FY 2023 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Human Resources Division	7140 Human Resources	DIRECTOR OF HUMAN RESOURCES	1
		ORG TOTAL	1
	7145 Talent Acquisition and Staffing	SENIOR TALENT ACQ / STAFF SPEC	1
		TALENT ACQ / STAFF MANAGER	1
		TALENT ACQ/STAFFING REP	1
		TALENT ACQUISITION/STAFF SPEC	1
		ORG TOTAL	4
	7155 Compensation & Benefits	BENEFITS & EMP RELATIONS ADMIN	1
		COMPENSATION & BENEFITS REP	2
		COMPENSATION & BENEFITS SPEC	1
		COMPENSATION ADMINISTRATOR	1
		COMPENSATION/BENEFITS MANAGER	1
		ORG TOTAL	6
	DIVISION TOTAL		14
Operational Support Servcs Division	2210 SCADA & Electrical Support Services	ADMINISTRATIVE ASSISTANT	1
		CYBERSECURITY ANALYST	1
		ELECTRICAL MAINT SUPERVISOR	1
		ELECTRICAL SCADA SUPERVISOR	1
		ELECTRICIAN	3
		INSTRUMENT TECHNICIAN	2
		JOURNEYMAN ELECTRICIAN	3
		MASTER ELECTRICIAN	2
		SCADA & ELEC SUPP SVC MANAGER	1
		SCADA NETWORK ADMINISTRATOR	2
		SCADA SYSTEMS ANALYST	2
		SENIOR SCADA ELECTRONIC TECH	2
		W/WW SCADA SUPERVISOR	1
		W/WW SCADA SYSTEM ADMINISTRATO	1
		ORG TOTAL	23
	3120 Water Plant I	ADMINISTRATIVE ASSISTANT	1
		LEAD W/WW OPERATOR	2
		MAINTENANCE WORKER	1
		W/WW OPERATOR A	2
		W/WW OPERATOR B	1
		W/WW OPERATOR C	2
		WATER TREATMENT MANAGER	1
		ORG TOTAL	10
	3130 Water Plant II	LEAD W/WW OPERATOR	1
		W/WW OPERATOR B	4
		W/WW OPERATOR C	2
		W/WW OPERATOR CHIEF	1
		ORG TOTAL	8
	3135 Resaca Maintenance	ADMINISTRATIVE ASSISTANT	1
		DREDGE OPERATOR	3
		DREDGE TECHNICIAN	2
		ENGINEER (REGISTERED)	1
		FOREMAN	1
		LEAD RESACA MAINTENANCE OPER	1
		MAINTENANCE WORKER	3
		MOTOR EQUIPMENT OPERATOR	1
		RESACA MAINTENANCE OPERATOR	1
		WATER RESOURCE MANAGER	1
		ORG TOTAL	15
	3140 Raw Water Supply	RAW WATER SYSTEM OPERATOR A	1
		RAW WATER SYSTEM OPERATOR C	2
		WATER RESOURCES ADMINISTRATOR	1
		ORG TOTAL	4
	3160 Potable Water Transport Services	POTABLE WATER TRANSPORTER	2
		ORG TOTAL	2
	3210 South Wastewater Treatment Plant	LEAD W/WW OPERATOR	1
		W/WW OPERATOR A	2
		W/WW OPERATOR APPRENTICE	1
		W/WW OPERATOR B	1
		W/WW OPERATOR CHIEF	1
		WWW OPERATOR APPRENTICE	2
		ORG TOTAL	8

**FY 2023 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Operational Support Servcs Division	3220 Robindale Wastewater Treatment Plnt	ADMINISTRATIVE ASSISTANT	1
		LEAD W/WW OPERATOR	2
		W/WW OPERATOR A	3
		W/WW OPERATOR C	1
		W/WW OPERATOR CHIEF	1
		W/WW OPERATOR D	1
		WASTEWATER TREATMENT MANAGER	1
		WWW OPERATOR D	1
		ORG TOTAL	11
	4110 Energy Risk Management	ENERGY RISK MANAGER	1
		ORG TOTAL	1
	4310 Operational Support Services	AREA MANAGER	1
		DIR OF OPERATIONAL SUPP SERV	1
		SENIOR ADMINISTRATIVE ASST	1
		ORG TOTAL	3
	7125 Right-of-Way	RIGHT-OF-WAY APPRENTICE	1
		SENIOR RIGHT-OF-WAY AGENT	1
		ORG TOTAL	2
	7135 Geographic Information Systems	ADMINISTRATIVE ASSISTANT	1
		G.I.S. MANAGER	1
		GIS SPECIALIST	1
		SENIOR GIS SPECIALIST	1
		SENIOR GIS TECHNICIAN	3
		SMART GRID APPLICATIONS ADMIN.	1
		ORG TOTAL	8
	7150 Fleet Management	ADMINISTRATIVE ASSISTANT	1
		AUTO/HEAVY DUTY EQUIP TECH A	1
		AUTO/HEAVY DUTY EQUIP TECH B	4
		AUTOMOTIVE PARTS TECHNICIAN	1
		FLEET SERVICES MANAGER	1
		FLEET SYSTEMS COORDINATOR	1
		LD AUTO/HEAVY DUTY EQUIP TECH	1
		ORG TOTAL	10
		DIVISION TOTAL	105
Operations Division	4105 Operations	ACTING AREA MANAGER	1
		ASST GENERAL MANAGER & COO	1
		DIR OF SP PRJ W/WW ENG, PL&OP	1
		DIRECTOR OF POWER SUPPLY	1
		EXECUTIVE ASSISTANT	1
		ORG TOTAL	5
	4210 NERC Compliance	LEAD NERC COMPLIANCE COORD	3
		NERC COMPL MANAGER & CCO	1
		NERC COMPLIANCE COORDINATOR	1
		ORG TOTAL	5
		DIVISION TOTAL	10
W/WW Eng, Planning & Oper Division	3110 W&WW Eng, Planning & Operations	AREA MANAGER FOR W/WW D & M	1
		SENIOR ADMINISTRATIVE ASST	1
		ORG TOTAL	2
	3145 W/WW Plant Maintenance	FOREMAN	1
		LEAD MECHANIC	5
		MAINTENANCE MECHANIC	4
		SENIOR MECHANIC	1
		SHIFT SUPERVISOR	1
		ORG TOTAL	12
	3150 W/WW Operations & Construction	ADMINISTRATIVE ASSISTANT	1
		FOREMAN	2
		JETVAC OPERATOR	2
		JETVAC OPERATOR APPRENTICE	6
		MAINTENANCE WORKER	9
		MOTOR EQUIP OPER /TRANSPORTER	2
		MOTOR EQUIPMENT OPERATOR	2
		OPERATIONS & SUPPORT ASSISTANT	1
		PIPELAYER	2
		SENIOR MAINTENANCE WORKER	2
		SENIOR MOTOR EQUIP OPERATOR	1
		SHIFT SUPERVISOR	4
		UTILITY TECHNICIAN	5
		W/WW CONST OPER MANAGER	1
		WW CLOSED CIRCUIT TV OPERATOR	4
		ORG TOTAL	44

**FY 2023 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION - CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
W/WW Eng, Planning & Oper Division	3155 W/WW Operations & Maintenance	ADMINISTRATIVE ASSISTANT	1
		FOREMAN	2
		MAINTENANCE WORKER	12
		MOTOR EQUIP OPER/TRANSPORTER	1
		MOTOR EQUIPMENT OPERATOR	1
		PIPELAYER	3
		SENIOR MAINTENANCE WORKER	4
		SHIFT SUPERVISOR	4
		UTILITY TECHNICIAN	5
		W/WW MAINT OPER MANAGER	1
		ORG TOTAL	34
	3225 W/WW Sludge Management	MOTOR EQUIP OPER /TRANSPORTER	2
		MOTOR EQUIPMENT OPERATOR	2
		POTABLE WATER TRANSPORTER	2
		SENIOR MOTOR EQUIP OPERATOR	1
		SHIFT SUPERVISOR	1
		UTILITY TECHNICIAN	1
		ORG TOTAL	9
	3230 Wastewater Lift Stations	ADMINISTRATIVE ASSISTANT	1
		FOREMAN	1
		LEAD MECHANIC	7
		MAINTENANCE MECHANIC	4
		SENIOR MECHANIC	4
		SHIFT SUPERVISOR	2
		WWW PLANT MAINT/WW LIFT ST MGR	1
		ORG TOTAL	20
	3310 Water & Wastewater Engineering	ADMINISTRATIVE ASSISTANT	1
		ENGINEERING MANAGER	1
		ENGINEER (REGISTERED)	1
		FIELD TECHNICIAN	4
		GRADUATE ENGINEER	1
		NEW CONNECTIONS COORDINATOR	2
		OPERATIONS SOLUTIONS SPEC	1
		SENIOR CIVIL ENGINEER	2
		SENIOR COORDINATOR	2
		SENIOR ENGINEERING TECHNICIAN	2
		SENIOR GRADUATE ENGINEER	2
		W/WW PROJECT DEVELOP. MANAGER	1
		ORG TOTAL	20
DIVISION TOTAL			141
Grand Total			617

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**COMPUTATION OF CHANGE IN NET POSITION AND
FUNDS AVAILABLE FOR CAPITAL AND RESERVE FUNDS**

Net position is defined as the difference between Brownsville PUB's assets and liabilities. Projected changes in net position are as follows:

**COMPUTATION OF CHANGE IN NET POSITION AND
FUNDS AVAILABLE FOR CAPITAL AND RESERVE FUNDS**

UNAUDITED FY 2022

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Total</u>
Revenues	\$ 235,746,973	\$ 30,408,787	\$ 25,996,306	\$ 292,152,066
Expenses	<u>165,214,436</u>	<u>22,919,544</u>	<u>18,074,660</u>	<u>206,208,639</u>
Change in net assets	\$ 70,532,538	\$ 7,489,244	\$ 7,921,646	\$ 85,943,427
Net position, beginning of year				<u>\$ 411,306,272</u>
Net position, end of year				<u><u>\$ 497,249,699</u></u>

Reconciliation to "Total Utility Combined Revenues & Requirements" page 79 is as follows:

Change in net position	\$ 70,532,538	\$ 7,489,244	\$ 7,921,646	\$ 85,943,427
Less: Principal Pmts	<u>12,383,065</u>	<u>2,351,938</u>	<u>2,864,998</u>	<u>17,600,000</u>
Funds Available for Capital and Reserve Funds	<u><u>\$ 58,149,473</u></u>	<u><u>\$ 5,137,306</u></u>	<u><u>\$ 5,056,648</u></u>	<u><u>\$ 68,343,427</u></u>

Projected changes in net position for fiscal year 2023 are as follows:

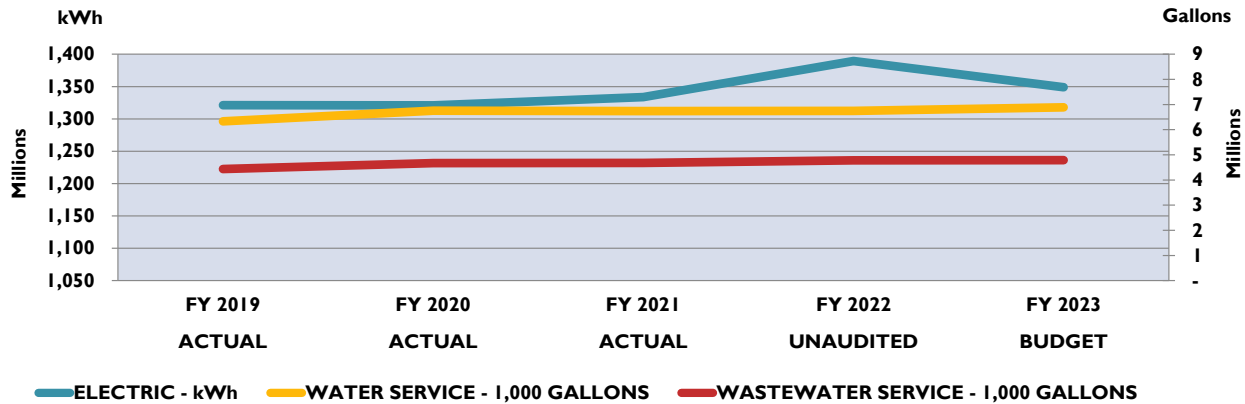
APPROVED BUDGET FY 2023

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Total</u>
Revenues	\$ 191,920,119	\$ 35,445,386	\$ 26,258,441	\$ 253,623,946
Expenses	<u>167,240,978</u>	<u>27,483,959</u>	<u>21,737,567</u>	<u>216,462,503</u>
Change in net position	\$ 24,679,141	\$ 7,961,428	\$ 4,520,875	\$ 37,161,443
Net position, beginning of year				<u>\$ 497,249,699</u>
Net position, end of year				<u><u>\$ 534,411,142</u></u>

Reconciliation to "Total Utility Combined Revenues & Requirements" page 79 is as follows:

Change in net position	\$ 24,679,141	\$ 7,961,428	\$ 4,520,875	\$ 37,161,443
Less: Principal Pmts	<u>12,948,470</u>	<u>2,458,865</u>	<u>3,012,666</u>	<u>18,420,000</u>
Funds Available for Capital and Reserve Funds	<u><u>\$ 11,730,671</u></u>	<u><u>\$ 5,502,563</u></u>	<u><u>\$ 1,508,209</u></u>	<u><u>\$ 18,741,443</u></u>

UNIT SALES STATISTICS



	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	UNAUDITED FY 2022	BUDGET FY 2023
ELECTRIC - kWh					
Residential	574,129,413	602,596,573	619,603,668	647,681,947	631,226,503
Commercial - Non-Demand	136,405,829	133,567,871	133,499,924	143,203,126	140,135,015
Municipal	70,053,851	67,532,502	68,760,660	72,500,568	56,277,315
Commercial - Demand	538,476,727	514,989,472	509,752,301	524,407,077	518,923,059
Other	2,266,542	2,251,157	2,210,581	1,820,521	2,471,921
<i>Total Electric Unit Sales</i>	<u>1,321,332,362</u>	<u>1,320,937,575</u>	<u>1,333,827,134</u>	<u>1,389,613,240</u>	<u>1,349,033,813</u>
WATER SERVICE - 1,000 GALLONS					
Inside City	5,435,140	5,730,053	5,660,788	5,768,423	5,771,734
Outside City	151,259	162,528	173,261	171,177	170,310
Municipal	195,758	295,212	287,650	269,830	289,531
Other	552,631	569,787	618,991	540,387	655,524
<i>Total Water Unit Sales</i>	<u>6,334,788</u>	<u>6,757,580</u>	<u>6,740,690</u>	<u>6,749,817</u>	<u>6,887,098</u>
WASTEWATER SERVICE - 1,000 GALLONS					
Residential	2,592,457	2,807,846	2,786,357	2,753,064	2,810,398
Commercial	1,656,999	1,642,002	1,657,372	1,781,081	1,743,878
Municipal	76,438	105,756	120,572	133,340	118,698
Outside City	107,474	116,852	116,262	116,110	118,046
<i>Total Wastewater Unit Sales</i>	<u>4,433,368</u>	<u>4,672,455</u>	<u>4,680,563</u>	<u>4,783,595</u>	<u>4,791,021</u>

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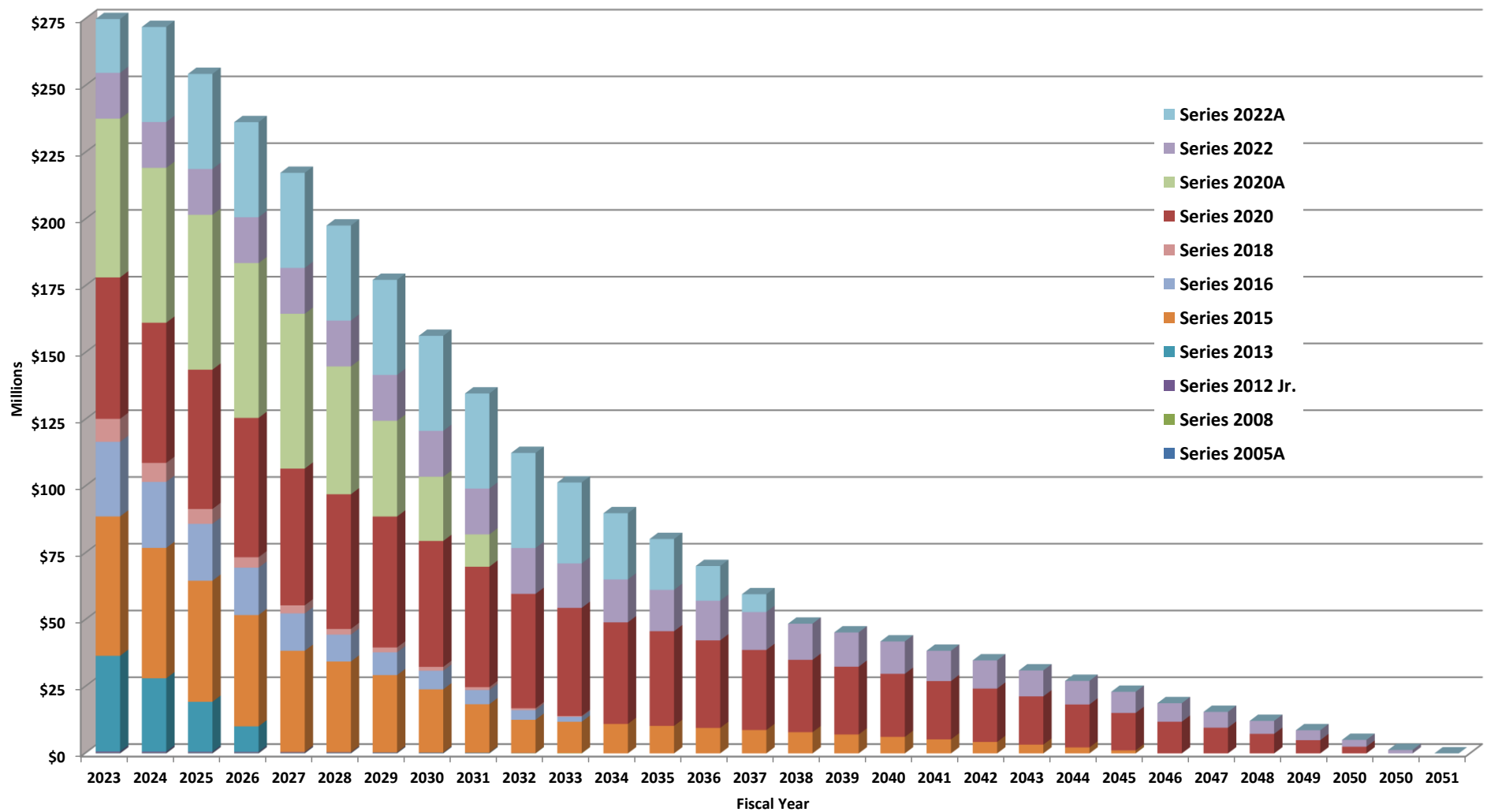
OUTSTANDING DEBT

The Brownsville PUB has the following bonds outstanding as of September 30, 2022:

- \$163,725,000 Utilities System Revenue Improvement and Refunding Bonds, Series 2005A, due in a final installment of \$100,000 in 2031 with an interest rate of 5.0%. As of September 30, 2022, the outstanding balance was \$100,000.
- \$77,805,000 Utilities System Revenue Refunding Bonds, Series 2008, due in a final installment of \$100,000 in 2033 with an interest rate of 5.0%. As of September 30, 2022, the outstanding balance was \$100,000.
- \$840,000 Utilities System Junior Lien Revenue Bonds Series 2012, due in annual installments ranging from \$40,000 to \$60,000 through 2032 with interest rates ranging from .270% to 3.49%. As of September 30, 2022, the outstanding balance was \$495,000.
- \$118,185,000 Utilities System Revenue Refunding Bonds, Series 2013, due in annual installments ranging from \$8,380,000 to \$9,565,000 through 2026 with interest rates ranging from 2.0% to 4.0%. As of September 30, 2022, the outstanding balance was \$35,850,000.
- \$94,770,000 Utilities System Revenue Refunding Bonds, Series 2015, due in annual installments ranging from \$675,000 to \$5,675,000 through 2045 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2022, the outstanding balance was \$52,190,000.
- \$39,410,000 Utilities System Revenue Refunding Bonds, Series 2016, due in annual installments ranging from \$1,515,000 to \$3,930,000 through 2033 with an interest rate of 5.0%. As of September 30, 2022, the outstanding balance was \$27,935,000.
- \$14,000,000 Utilities System Revenue Refunding Bonds, Series 2018, due in annual installments of \$310,000 to \$1,650,000 through 2033 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2022, the outstanding balance was \$8,625,000.
- \$53,590,000 Utility System Revenue Refunding Bonds, Series 2020, due in annual installments of \$320,000 to \$2,880,000 through 2050 with interest rates ranging from 2.125% to 5.0%. As of September 30, 2022, the outstanding balance was \$52,950,000.
- \$62,320,000 Utility System Revenue Refunding Bonds, Series 2020A (Taxable), due in annual installments of \$1,460,000 to \$12,105,000 through 2031 with interest rates ranging from 0.579% to 1.882%. As of September 30, 2022, the outstanding balance was \$59,440,000.
- \$17,165,000 Utility System Revenue Refunding Bonds, Series 2022, due in annual installments of \$535,000 to \$1,305,000 through 2051 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2022, the outstanding balance was \$17,165,000.
- \$35,605,000 Utility System Revenue Refunding Bonds, Series 2022A (Taxable), due in annual installments of \$5,285,000 to \$6,660,000 through 2037 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2022, the outstanding balance was \$35,605,000.

The Brownsville PUB had no commercial paper obligations outstanding as of September 30, 2022.

Outstanding Principal Debt Through Maturity



DEBT SERVICE

Following is a summary of each system's cost of borrowed money, including principal repayments and interest expense associated with the retirement of outstanding bonded debt and pooled loans. The Utility does not have a legally mandated debt limit.

	ACTUAL FY 2018	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	UNAUDITED ACTUAL FY 2022	BUDGET FY 2023
<u>ELECTRIC</u>						
Principal	\$ 8,819,970	\$ 9,074,805	\$ 10,200,718	\$ 11,954,860	\$ 12,415,635	\$ 12,948,470
Interest	8,488,203	8,328,011	7,796,716	6,758,529	7,052,369	8,058,759
<i>Total</i>	<u>17,308,173</u>	<u>17,402,817</u>	<u>17,997,434</u>	<u>18,713,389</u>	<u>19,468,004</u>	<u>21,007,229</u>
<u>WATER</u>						
Principal	1,789,630	1,817,648	1,879,604	2,255,923	2,342,271	2,458,865
Interest	1,685,944	1,683,713	1,577,780	1,405,035	1,417,621	1,457,628
<i>Total</i>	<u>3,475,574</u>	<u>3,501,360</u>	<u>3,457,384</u>	<u>3,660,958</u>	<u>3,759,892</u>	<u>3,916,492</u>
<u>WASTEWATER</u>						
Principal	2,674,885	2,521,848	2,277,874	2,634,315	2,759,647	3,012,666
Interest	2,336,644	2,340,705	2,211,098	2,178,227	2,157,423	2,011,684
<i>Total</i>	<u>5,011,529</u>	<u>4,862,553</u>	<u>4,488,972</u>	<u>4,812,542</u>	<u>4,917,070</u>	<u>5,024,350</u>
<i>TOTAL ALL SYSTEMS</i>	<u>\$ 25,795,275</u>	<u>\$ 25,766,730</u>	<u>\$ 25,943,791</u>	<u>\$ 27,186,889</u>	<u>\$ 28,144,965</u>	<u>\$ 29,948,071</u>
<u>SUMMARY</u>						
	ACTUAL FY 2018	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	UNAUDITED ACTUAL FY 2022	BUDGET FY 2023
Principal	\$ 13,284,485	\$ 13,414,301	\$ 14,358,196	\$ 16,845,097	\$ 17,517,553	\$ 18,420,000
Interest	12,510,790	12,352,429	11,585,595	10,341,791	10,627,412	11,528,071
<i>Total</i>	<u>\$ 25,795,275</u>	<u>\$ 25,766,730</u>	<u>\$ 25,943,791</u>	<u>\$ 27,186,889</u>	<u>\$ 28,144,965</u>	<u>\$ 29,948,071</u>

NOTE:

Actual budget based on principal and interest payments made annually on September 30th.
Commercial Paper for FY 2023 will incur \$200,000 of interest expense.

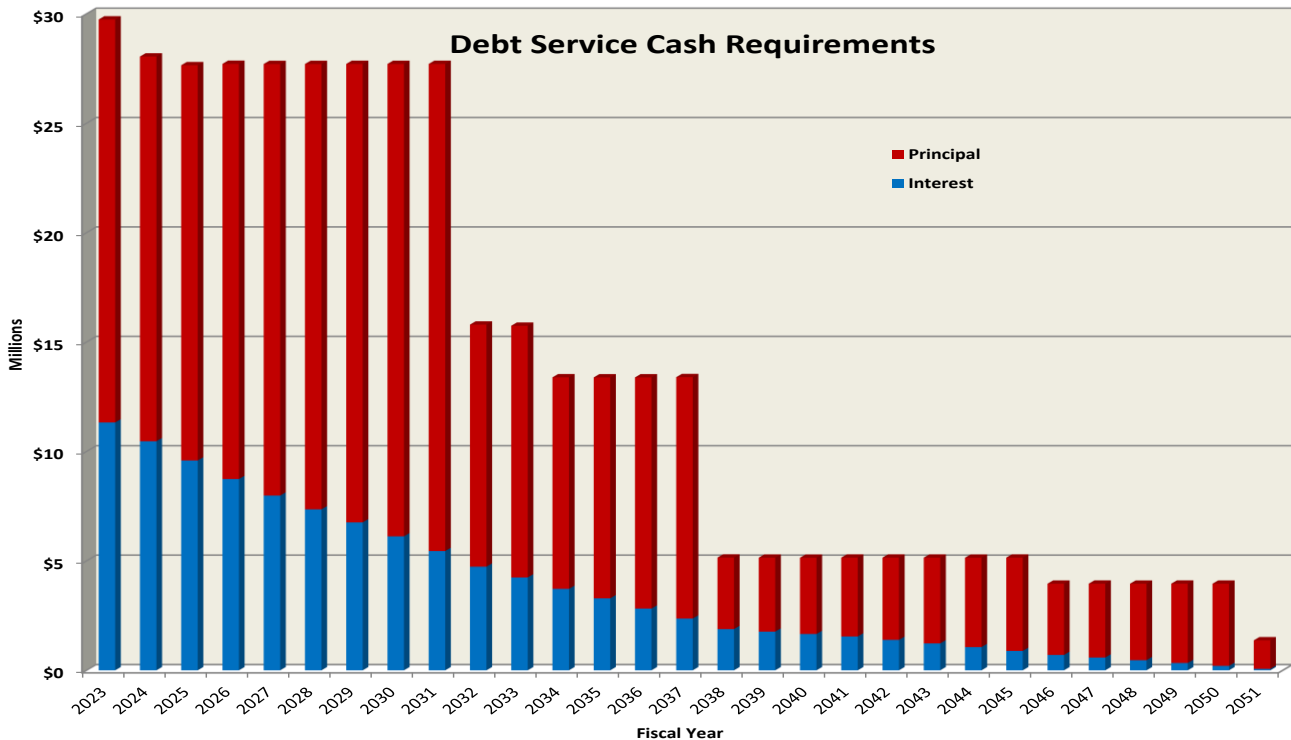
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DEBT SERVICE REQUIREMENTS BY FISCAL YEAR

Yr End Sep 1,	Yrs	Principal	Interest	Total Debt Svc Requirements	Declining Debt Svc Balance
2023	29	\$ 18,420,000	\$ 11,328,071	\$ 29,748,071	\$ 369,475,183
2024	28	17,585,000	10,469,265	28,054,265	341,420,918
2025	27	18,065,000	9,590,892	27,655,892	313,765,026
2026	26	18,975,000	8,743,304	27,718,304	286,046,722
2027	25	19,725,000	7,986,669	27,711,669	258,335,053
2028	24	20,355,000	7,357,298	27,712,298	230,622,755
2029	23	20,955,000	6,760,555	27,715,555	202,907,200
2030	22	21,590,000	6,124,459	27,714,459	175,192,741
2031	21	22,265,000	5,450,285	27,715,285	147,477,456
2032	20	11,065,000	4,736,177	15,801,177	131,676,279
2033	19	11,505,000	4,243,675	15,748,675	115,927,604
2034	18	9,670,000	3,721,562	13,391,562	102,536,042
2035	17	10,100,000	3,288,161	13,388,161	89,147,881
2036	16	10,565,000	2,823,399	13,388,399	75,759,482
2037	15	11,035,000	2,363,931	13,398,931	62,360,551
2038	14	3,270,000	1,883,300	5,153,300	57,207,251
2039	13	3,380,000	1,768,581	5,148,581	52,058,670
2040	12	3,485,000	1,660,319	5,145,319	46,913,351
2041	11	3,605,000	1,545,813	5,150,813	41,762,538
2042	10	3,760,000	1,391,200	5,151,200	36,611,338
2043	9	3,920,000	1,229,875	5,149,875	31,461,463
2044	8	4,085,000	1,061,650	5,146,650	26,314,813
2045	7	4,265,000	886,263	5,151,263	21,163,550
2046	6	3,255,000	703,100	3,958,100	17,205,450
2047	5	3,375,000	585,050	3,960,050	13,245,400
2048	4	3,495,000	462,400	3,957,400	9,288,000
2049	3	3,625,000	335,050	3,960,050	5,327,950
2050	2	3,755,000	202,700	3,957,700	1,370,250
2051	1	1,305,000	65,250	1,370,250	-
		<u>\$ 290,455,000</u>	<u>\$ 108,768,253</u>	<u>\$ 399,223,254</u>	

NOTE:

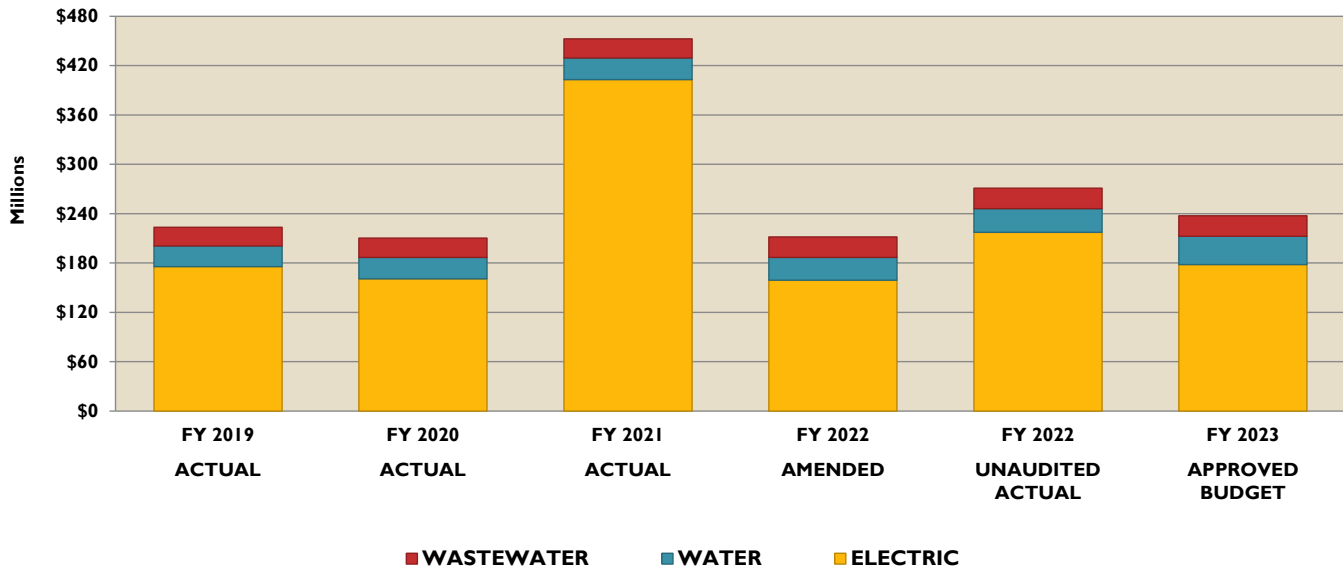
Debt Service schedule does not include debt associated with commercial paper expense of \$200,000 for the Electric, Water and Wastewater Systems approved for FY 2023.



REVENUES

SALES & SERVICES TO CUSTOMERS OPERATING REVENUES BY SYSTEM

	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	AMENDED FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
ELECTRIC	\$ 175,667,849	\$ 160,823,487	\$ 402,975,742	\$ 159,238,571	\$ 217,300,735	\$ 178,142,475
WATER	25,162,950	26,064,387	26,272,204	27,650,070	28,825,681	34,256,484
WASTEWATER	22,696,007	23,444,247	23,381,370	24,912,676	24,919,008	25,069,539
TOTAL	\$ 223,526,806	\$ 210,332,121	\$ 452,629,316	\$ 211,801,317	\$ 271,045,424	\$ 237,468,498

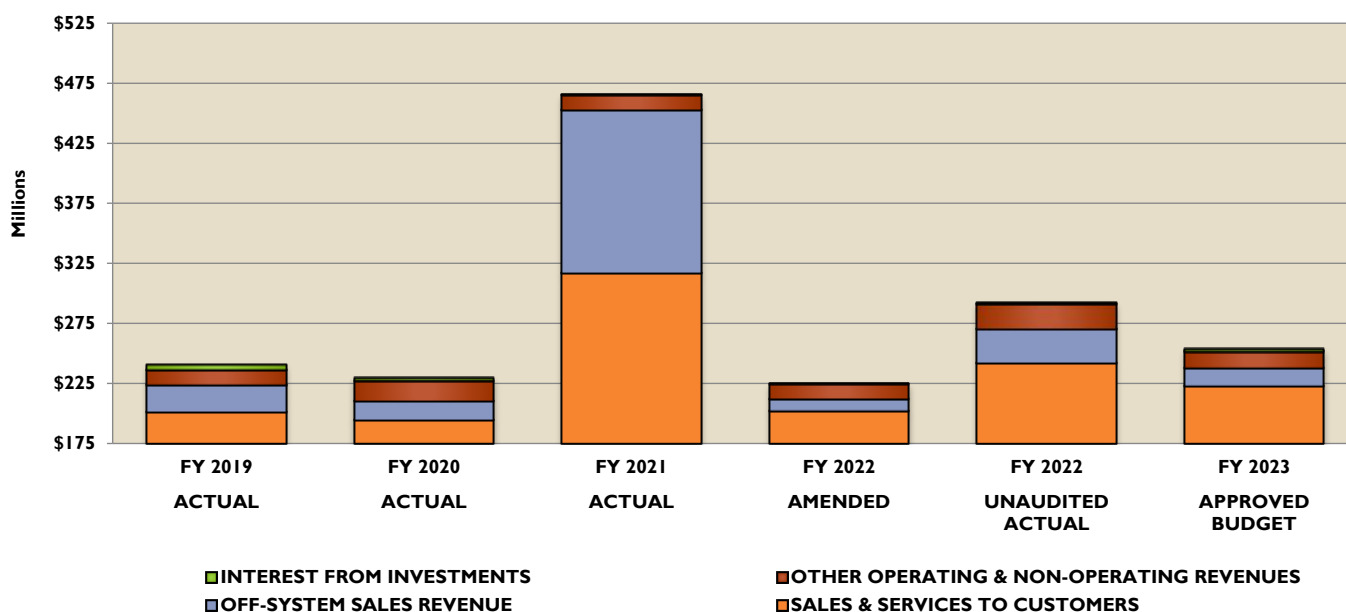


Operating revenues for all three utilities include base rate charges billed to customers. Electric Operating Revenues also include the recovery of fuel and purchased energy charges as well as Electric Reliability Council of Texas (ERCOT) related off-system sales. The unusually high Electric Sales were primarily attributable to the Winter Storm Uri event in February 2021.

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REVENUES BY SOURCE

	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	AMENDED FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
SALES & SERVICES TO CUSTOMERS	\$ 200,951,310	\$ 194,221,166	\$ 316,520,517	\$ 201,801,317	\$ 242,067,731	\$ 222,468,498
OFF-SYSTEM SALES REVENUE	22,575,496	16,110,955	136,108,799	10,000,000	28,006,570	15,000,000
INTEREST FROM INVESTMENTS	4,096,380	2,092,892	268,114	300,000	1,257,979	2,000,000
OTHER OPERATING & NON-OPERATING REVENUES	12,457,008	16,882,629	12,706,015	12,671,382	20,819,786	14,155,448
TOTAL	\$ 240,080,194	\$ 229,307,642	\$ 465,603,445	\$ 224,772,699	\$ 292,152,066	\$ 253,623,946



NOTE:

The FY 21 unusually high sales & service to customers and off -system sales revenue were in the electric utility and primarily attributable to the Winter Storm Uri event in February 2021.

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REVENUES – SOURCES, ASSUMPTIONS AND TRENDS

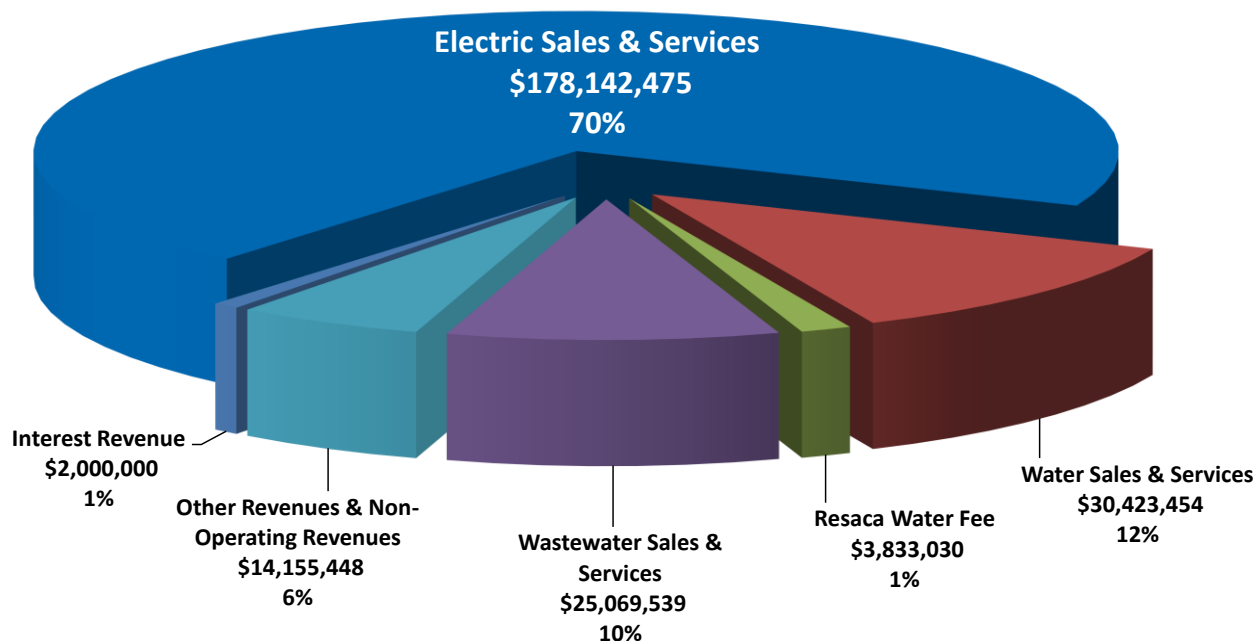
SOURCES

In FY 2023, Brownsville PUB expects to generate 87.72% of revenues through base rates charged to customers and from the Fuel & Purchased Energy Charge (FPEC). Off-system sales revenue (ERCOT related transactions) make up 5.91% of the total revenue budget for FY 2023. Because of the uncertainty of these off-system sales BPUB takes a conservative approach to forecasting them. The remainder is made up of interest from investments and other operating and non-operating revenues (other revenues) which include customer service charges such as forfeited discounts (penalties) and connection and service charges. Other revenues also include Tele-Communications Inc. (TCI) pole rental charges, Transmission Cost of Service (TCOS), and ERCOT congestion rights revenues. These other revenues are relatively stable therefore the forecast is based on historical averages.

FY 2023 REVENUES BY SOURCES

	<u>ELECTRIC</u>	<u>WATER</u>	<u>WASTEWATER</u>	<u>TOTAL</u>
SALES & SERVICES TO CUSTOMERS	\$ 163,142,475	\$ 34,256,484	\$ 25,069,539	\$ 222,468,498
OFF-SYSTEM SALES REVENUE	15,000,000	-	-	15,000,000
INTEREST FROM INVESTMENTS	1,200,000	400,000	400,000	2,000,000
OTHER OPERATING & NON-OPERATING REVENUES	12,577,644	788,902	788,902	14,155,448
	<u>\$ 191,920,119</u>	<u>\$ 35,445,386</u>	<u>\$ 26,258,441</u>	<u>\$ 253,623,946</u>

FY 2023 REVENUES BY SYSTEM AND SOURCES



ASSUMPTIONS AND TRENDS

The Brownsville PUB estimated unit sales, sales revenues and customer billings for FY 2023 for the electric, water and wastewater systems. Unit sales and revenues are based on three-year average historic data of customer sales and financial results with a customer growth factor added to the calculations. We continue to compare our revenues to our level of spending on a continual basis to ensure that adequate operating reserves are built up and maintained.

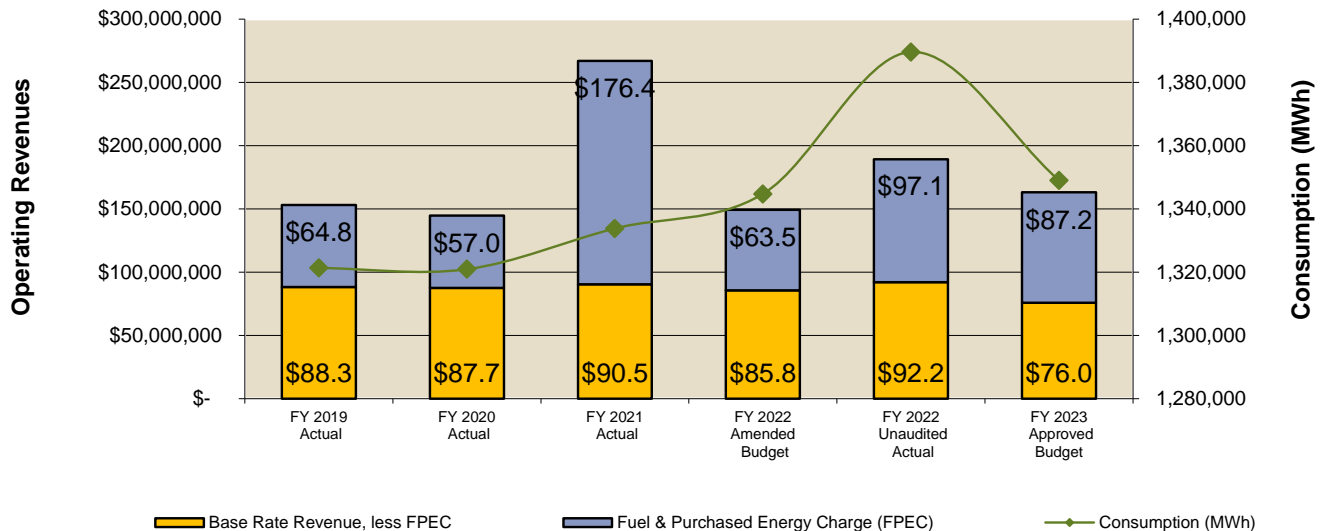
Electric, water and wastewater revenues were developed using current City Commission approved rates.

The FPEC in the electric system is analyzed and adjusted as needed on a monthly basis due to the volatility of fuel and purchased power prices.

ELECTRIC

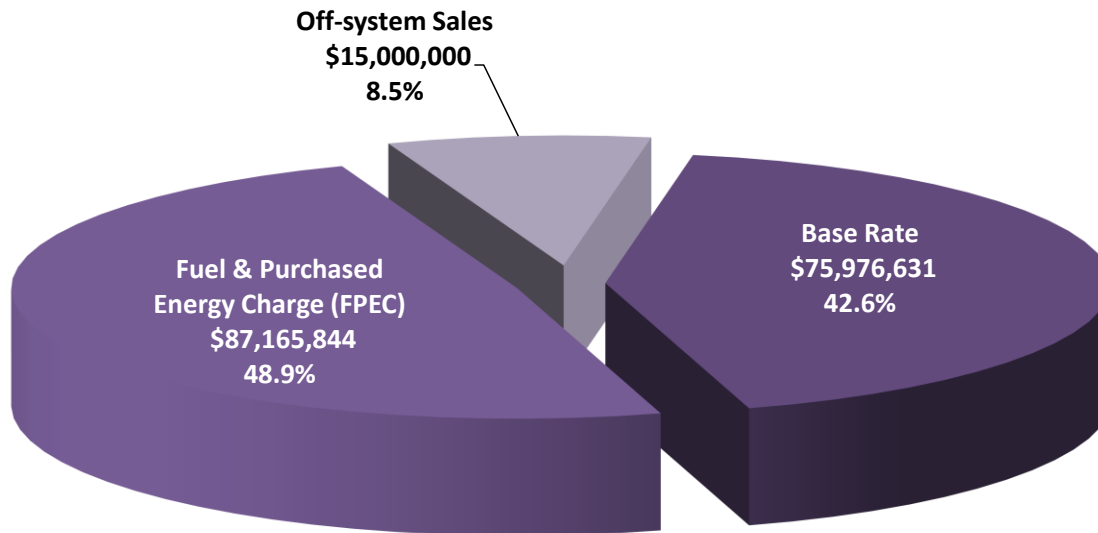
Total FY 2023 electric sales revenues (excluding off-system sales) are expected to increase \$13.9 million or 9.32% above the FY 2022 Amended Budget levels.

Electric consumption and operating revenues are depicted in the chart below



Fiscal Years 2022 and 2023 Original Budget base rate projections reflect gradual changes in unit sales. Based upon budgeted unit sales, adjusted electric sales revenues, excluding off-system sales for FY 2023, will be approximately \$163.14 million compared to \$149.24 million budgeted in 2022. The exceptionally high fuel & purchased energy charge in FY 2021 is primarily due to the Winter Storm Uri event in February 2021.

The following graph shows electric sales revenues by revenue source:



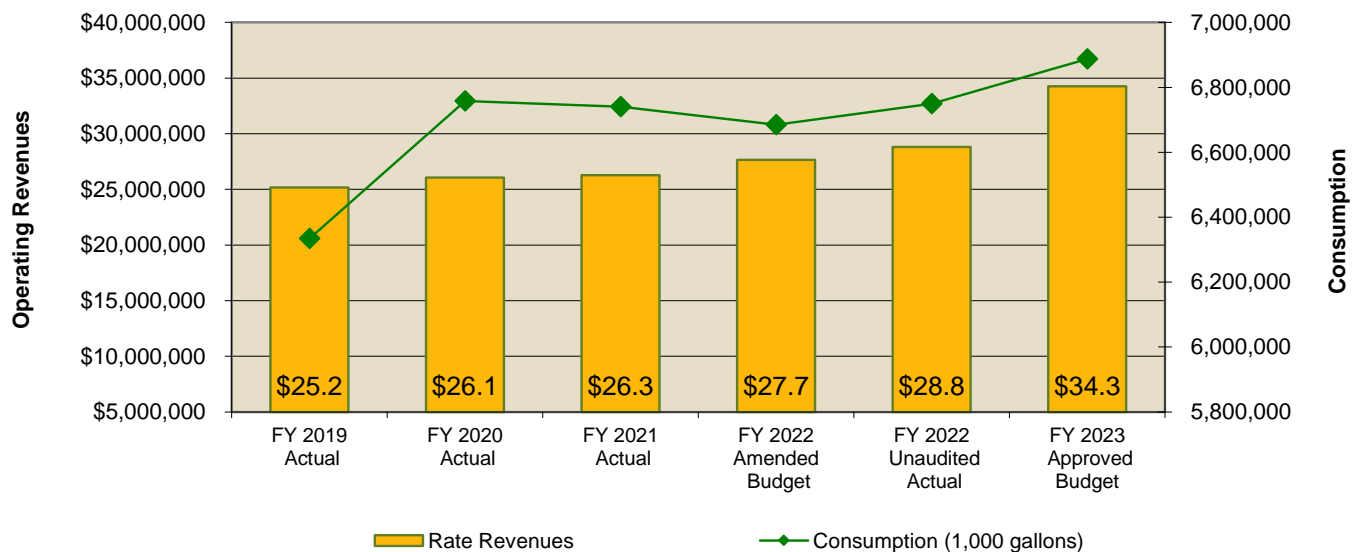
Based upon a review of historical customer statistics, customer accounts have increased on average by approximately 1.5% per year. For the fiscal year ended September 30, 2022, Brownsville PUB's approximate 53,324 electric customers were comprised of 87.7% residential, 11.0% commercial/industrial, and 1.3% municipal. Residential, commercial/industrial, and municipal customers provided approximately 49.7%, 45.7% and 4.6%, respectively, of electric system sales revenues.

The remaining other operating revenues and non-operating revenues were estimated for the periods based upon recent trends and/or estimated changes in fees and charges where appropriate.

WATER

Total FY 2023 water revenues are expected to increase by \$6,606,414 or 23.89% above FY 2022 budget levels. This is largely attributed to the newly implemented Resaca Fee for all water customers.

Water consumption and operating revenues are depicted in the following chart.



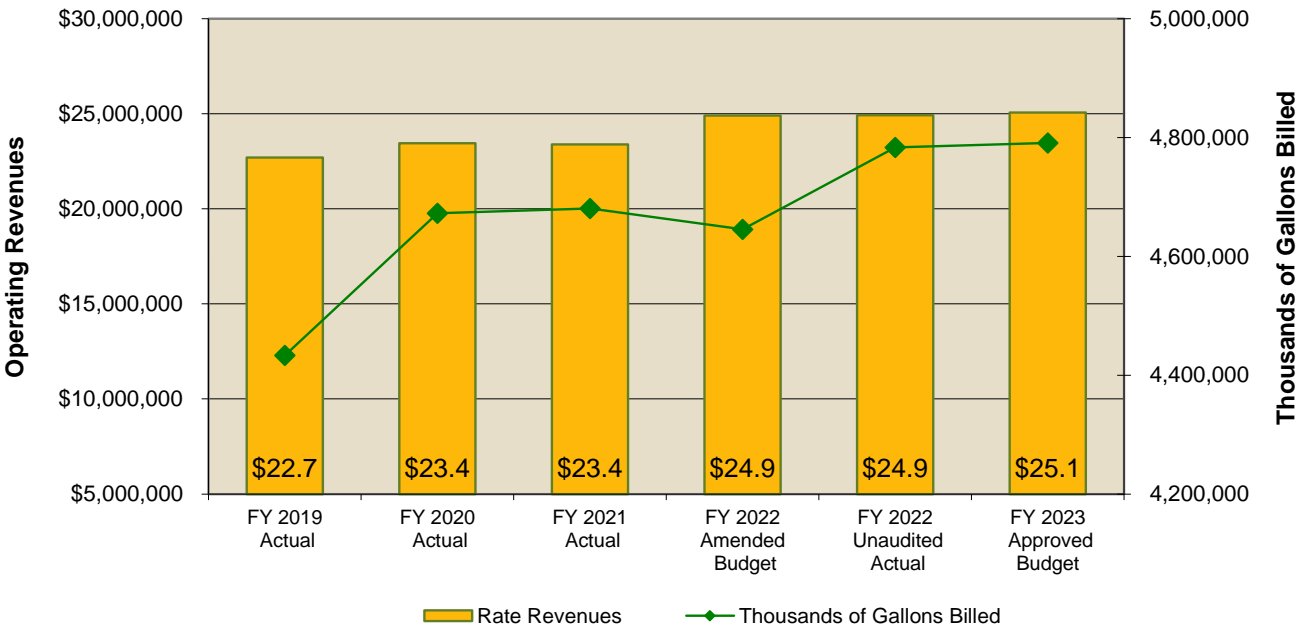
For the fiscal year ended 2022, Brownsville PUB’s approximate 54,312 water customers were comprised of residential, commercial, and municipal customers within the City and adjacent unincorporated areas. Brownsville PUB also sells treated water at wholesale rates to three water distribution systems and in FY 2022 these sales accounted for approximately 5.26% of the water system’s sales revenues and 8.01% of its sales volume. The Brownsville PUB partnered with the SRWA and built a 10.0 million gallon per day reverse osmosis water treatment plant of which the Brownsville PUB has 92.91% ownership. This plant includes a 7.5-million-gallon storage tank.

The remaining other operating revenues and non-operating revenues were estimated for the periods based upon historical trends.

WASTEWATER

Total FY 2023 wastewater revenues are expected to increase by \$156,863 or 0.63% above FY 2022 amended budget levels.

Wastewater consumption and operating revenues are depicted in the following chart.



The wastewater system provided service to approximately 54,762 customers at the end of FY 2022 and accounted for approximately 11.8% of the Brownsville PUB’s total operating revenues during that period.

The remaining other operating revenues and non-operating revenues were estimated for the periods based upon historical trends.

TOTAL UTILITY COMBINED REVENUES & REQUIREMENTS
FY 2019 – FY 2023

	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Amended Budget	FY 2022 Unaudited Actual	FY 2023 Approved Budget
1 Operating Revenues	\$ 200,951,310	\$ 194,221,166	\$ 316,520,517	\$ 200,819,905	\$ 242,067,731	\$ 218,635,468
2 Off-system Sales Revenues	22,575,496	16,110,955	136,108,799	10,000,000	28,006,570	15,000,000
3 Revenue from Resaca Fee	-	-	-	981,412	971,123	3,833,030
4 Net Operating Revenues	223,526,806	210,332,121	452,629,316	211,801,317	271,045,424	237,468,498
5 Interest from Investments	4,096,380	2,092,892	268,114	300,000	1,257,979	2,000,000
6 Other Revenues	10,872,968	15,288,689	10,570,346	11,111,382	17,527,217	12,545,448
7 Other Non-operating Revenues	1,584,040	1,593,940	2,135,669	1,560,000	2,321,446	1,610,000
8 Gross Revenues	240,080,194	229,307,642	465,603,445	224,772,699	292,152,066	253,623,946
9 Less:						
10 Fuel & Energy Costs	62,712,666	54,922,676	176,379,171	63,465,864	97,136,128	87,165,844
11 Off-system Sales Expenses	7,751,089	11,073,906	32,719,525	6,000,000	12,272,009	9,000,000
12 SRWA O&M	3,818,338	3,785,726	3,960,083	4,000,741	4,000,741	5,285,010
13 SRWA Debt Service	2,134,891	2,113,521	1,434,210	2,115,131	2,115,131	2,116,457
14 Adjusted Gross Revenues	163,663,210	157,411,813	251,110,456	149,190,963	176,628,057	150,056,635
15 Personnel O&M Expenses	45,018,656	42,388,241	40,617,779	47,377,743	40,734,866	48,224,440
16 Non-Personnel O&M Expenses	32,109,752	33,087,871	33,869,413	38,646,061	38,571,007	42,097,560
17 Subtotal O&M Expenses	77,128,408	75,476,112	74,487,192	86,023,805	79,305,874	90,322,000
18 Other Non-Operating Expenses	1,592,628	1,153,038	214,939	1,100,000	833,792	1,100,000
19 Balance Available for Debt Service and Other Legal Purposes	84,942,174	80,782,663	176,408,326	62,067,158	96,488,392	58,634,635
20 Debt Service:						
21 Existing	25,323,972	25,492,307	27,178,028	27,204,080	27,965,771	29,748,071
22 Commercial Paper Interest Expense	442,758	451,484	8,861	472,500	179,194	200,000
23 Total Debt Service & CP Expense	25,766,730	25,943,791	27,186,889	27,676,580	28,144,965	29,948,071
24 Available After Debt Service	59,175,444	54,838,872	149,221,437	34,390,578	68,343,427	28,686,565
25 Other Uses of Cash:						
26 COB Cash Transfer	11,878,222	11,170,349	20,524,044	9,673,026	12,150,504	9,945,120
27 COB Usage	4,488,098	4,570,831	4,587,000	5,246,069	5,512,301	5,060,543
28 Total Cash/Utility Benefit COB	16,366,320	15,741,181	25,111,045	14,919,096	17,662,805	15,005,664
29 Balance Available to Surplus for Transfers Out	\$ 42,809,124	\$ 39,097,691	\$ 124,110,392	\$ 24,717,552	\$ 50,680,622	\$ 18,741,445
30 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
31 Operating Subaccount-Fuel Adjustment	\$ 23,000,000	\$ 18,000,000	\$ 16,000,000	\$ 13,581,220	\$ 13,581,220	\$ 6,000,000
32 Improvement Fund- CIP Funding	6,880,095	10,300,503	7,378,540	7,389,389	7,389,390	8,908,415
Improvement Fund (Resaca Fee) - Resaca CIP						
33 Funding	-	-	-	-	-	359,791
34 Commercial Paper Defeasance	-	-	2,000,000	1,333,333	1,333,332	-
35 Total Transfers Out	29,880,095	28,300,503	25,378,540	22,303,942	22,303,942	15,268,206
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	12,929,029	10,797,188	98,731,852	2,413,610	28,376,680	-
38 Resaca Fee Surplus	-	-	-	-	-	3,473,239
39 Total	\$ 42,809,124	\$ 39,097,691	\$ 124,110,392	\$ 24,717,552	\$ 50,680,622	\$ 18,741,445
40 Debt Service Coverage Ratio	3.30	3.11	6.49	2.24	3.43	1.96

ELECTRIC REVENUES & REQUIREMENTS

FY 2019 – FY 2023

	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Amended Budget	FY 2022 Unaudited Actual	FY 2023 Approved Budget
1 Operating Revenues	\$ 153,092,353	\$ 144,712,532	\$ 266,866,943	\$ 149,238,571	\$ 189,294,165	\$ 163,142,475
2 Off-system Sales Revenues	22,575,496	16,110,955	136,108,799	10,000,000	28,006,570	15,000,000
3 Revenue from Resaca Fee	-	-	-	-	-	-
4 Net Operating Revenues	175,667,849	160,823,487	402,975,742	159,238,571	217,300,735	178,142,475
5 Interest from Investments	2,514,764	1,288,680	162,438	180,000	759,987	1,200,000
6 Other Revenues	9,324,964	14,303,091	8,941,286	9,820,650	15,820,645	11,317,644
7 Other Non-operating Revenues	1,189,676	1,190,549	1,727,630	1,215,000	1,865,606	1,260,000
8 Gross Revenues	188,697,253	177,605,807	413,807,096	170,454,221	235,746,973	191,920,119
9 Less:						
10 Fuel & Energy Costs	62,712,666	54,922,676	176,379,171	63,465,864	97,136,128	87,165,844
11 Off-system Sales Expenses	7,751,089	11,073,906	32,719,525	6,000,000	12,272,009	9,000,000
12 SRWA O&M	-	-	-	-	-	-
13 SRWA Debt Service	-	-	-	-	-	-
14 Adjusted Gross Revenues	118,233,498	111,609,225	204,708,400	100,988,357	126,338,836	95,754,275
15 Personnel O&M Expenses	26,651,027	24,054,127	23,099,143	27,633,547	24,651,699	28,121,575
16 Non-Personnel O&M Expenses	20,711,774	21,813,337	22,797,988	28,163,417	25,334,718	28,523,064
17 Subtotal O&M Expenses	47,362,801	45,867,464	45,897,131	55,796,965	49,986,417	56,644,639
18 Other Non-Operating Expenses	15,005	578,026	151,328	500,000	380,034	500,000
19 Balance Available for Debt Service and Other Legal Purposes	70,855,692	65,163,735	158,659,941	44,691,392	75,972,385	38,609,636
20 Debt Service:						
21 Existing	17,141,014	17,730,472	18,708,149	18,714,898	19,362,046	20,867,229
22 Commercial Paper Interest Expense	261,803	266,962	5,240	274,050	105,958	140,000
23 Total Debt Service & CP Expense	17,402,817	17,997,434	18,713,389	18,988,948	19,468,004	21,007,229
24 Available After Debt Service	53,452,875	47,166,301	139,946,552	25,702,444	56,504,381	17,602,407
25 Other Uses of Cash:						
26 COB Cash Transfer	8,295,604	7,742,541	17,039,951	5,901,450	8,410,832	5,871,736
27 COB Usage	3,527,745	3,418,381	3,430,888	4,197,386	4,223,052	3,703,692
28 Total Cash/Utility Benefit COB	11,823,349	11,160,922	20,470,839	10,098,836	12,633,883	9,575,428
29 Balance Available to Surplus for Transfers Out	\$ 41,629,526	\$ 36,005,379	\$ 119,475,713	\$ 19,800,994	\$ 43,870,498	\$ 11,730,671
30 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
31 Operating Subaccount-Fuel Adjustment	\$ 23,000,000	\$ 18,000,000	\$ 16,000,000	\$ 13,581,220	\$ 13,581,220	\$ 6,000,000
32 Improvement Fund- CIP Funding	6,880,095	8,818,393	6,104,967	4,355,016	4,540,085	5,730,671
Improvement Fund (Resaca Fee) - Resaca CIP						
33 Funding	-	-	-	-	-	-
34 Commercial Paper Defeasance	-	-	2,000,000	1,333,333	1,333,332	-
35 Total Transfers Out	29,880,095	26,818,393	24,104,967	19,269,569	19,454,637	11,730,671
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	11,749,431	9,186,986	95,370,746	531,425	24,415,861	-
38 Resaca Fee Surplus	-	-	-	-	-	-
39 Total	\$ 41,629,526	\$ 36,005,379	\$ 119,475,713	\$ 19,800,994	\$ 43,870,498	\$ 11,730,671
40 Debt Service Coverage Ratio	4.07	3.62	8.48	2.35	3.90	1.84

WATER REVENUES & REQUIREMENTS

FY 2019 – FY 2023

	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Amended Budget	FY 2022 Unaudited Actual	FY 2023 Approved Budget
1 Operating Revenues	\$ 25,162,950	\$ 26,064,387	\$ 26,272,204	\$ 26,668,658	\$ 27,854,558	\$ 30,423,454
2 Off-system Sales Revenues	-	-	-	-	-	-
3 Revenue from Resaca Fee	-	-	-	981,412	971,123	3,833,030
4 Net Operating Revenues	25,162,950	26,064,387	26,272,204	27,650,070	28,825,681	34,256,484
5 Interest from Investments	790,808	402,106	52,838	60,000	248,996	400,000
6 Other Revenues	1,019,821	653,579	1,063,842	645,366	1,106,190	613,902
7 Other Non-operating Revenues	197,252	208,414	204,355	172,500	227,920	175,000
8 Gross Revenues	27,170,831	27,328,486	27,593,239	28,527,936	30,408,787	35,445,386
9 Less:						
10 Fuel & Energy Costs	-	-	-	-	-	-
11 Off-system Sales Expenses	-	-	-	-	-	-
12 SRWA O&M	3,818,338	3,785,726	3,960,083	4,000,741	4,000,741	5,285,010
13 SRWA Debt Service	2,134,891	2,113,521	1,434,210	2,115,131	2,115,131	2,116,457
14 Adjusted Gross Revenues	21,217,602	21,429,239	22,198,946	22,412,064	24,292,915	28,043,919
15 Personnel O&M Expenses	8,332,114	9,041,211	8,590,511	9,268,426	8,244,417	9,314,695
16 Non-Personnel O&M Expenses	5,719,687	6,376,861	5,997,751	5,612,874	6,750,569	7,042,747
17 Subtotal O&M Expenses	14,051,801	15,418,072	14,588,262	14,881,300	14,994,987	16,357,442
18 Other Non-Operating Expenses	842,202	173,407	(200,072)	300,000	153,525	300,000
19 Balance Available for Debt Service and Other Legal Purposes	6,323,599	5,837,760	7,810,756	7,230,764	9,144,403	11,386,478
20 Debt Service:						
21 Existing	3,426,888	3,381,445	3,659,468	3,662,371	3,729,751	3,886,492
22 Commercial Paper Interest Expense	74,472	75,940	1,490	85,050	30,140	30,000
23 Total Debt Service & CP Expense	3,501,360	3,457,385	3,660,958	3,747,421	3,759,891	3,916,492
24 Available After Debt Service	2,822,239	2,380,375	4,149,798	3,483,343	5,384,512	7,469,986
25 Other Uses of Cash:						
26 COB Cash Transfer	1,489,232	1,408,276	1,502,302	1,561,150	1,677,496	1,967,422
27 COB Usage	632,528	734,648	717,593	680,056	751,795	836,970
28 Total Cash/Utility Benefit COB	2,121,760	2,142,924	2,219,895	2,241,206	2,429,292	2,804,392
29 Balance Available to Surplus for Transfers Out	<u>\$ 700,479</u>	<u>\$ 237,451</u>	<u>\$ 1,929,903</u>	<u>\$ 1,922,193</u>	<u>\$ 2,955,220</u>	<u>\$ 5,502,564</u>
30 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
31 Operating Subaccount-Fuel Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32 Improvement Fund- CIP Funding	-	811,011	519,923	1,008,837	1,008,837	1,669,534
Improvement Fund (Resaca Fee) - Resaca CIP						
33 Funding	-	-	-	-	-	359,791
34 Commercial Paper Defeasance	-	-	-	-	-	-
35 Total Transfers Out	-	811,011	519,923	1,008,837	1,008,837	2,029,325
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	700,479	(573,560)	1,409,980	913,356	1,946,383	-
38 Resaca Fee Surplus	-	-	-	-	-	3,473,239
39 Total	<u>\$ 700,479</u>	<u>\$ 237,451</u>	<u>\$ 1,929,903</u>	<u>\$ 1,922,193</u>	<u>\$ 2,955,220</u>	<u>\$ 5,502,564</u>
40 Debt Service Coverage Ratio	1.81	1.69	2.13	1.93	2.43	2.91

WASTEWATER REVENUES & REQUIREMENTS

FY 2019 – FY 2023

	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Amended Budget	FY 2022 Unaudited Actual	FY 2023 Approved Budget
1 Operating Revenues	\$ 22,696,007	\$ 23,444,247	\$ 23,381,370	\$ 24,912,676	\$ 24,919,008	\$ 25,069,539
2 Off-system Sales Revenues	-	-	-	-	-	-
3 Revenue from Resaca Fee	-	-	-	-	-	-
4 Net Operating Revenues	22,696,007	23,444,247	23,381,370	24,912,676	24,919,008	25,069,539
5 Interest from Investments	790,808	402,106	52,838	60,000	248,996	400,000
6 Other Revenues	528,183	332,019	565,218	645,366	600,382	613,902
7 Other Non-operating Revenues	197,112	194,977	203,684	172,500	227,920	175,000
8 Gross Revenues	24,212,110	24,373,349	24,203,110	25,790,542	25,996,306	26,258,441
9 Less:						
10 Fuel & Energy Costs	-	-	-	-	-	-
11 Off-system Sales Expenses	-	-	-	-	-	-
12 SRWA O&M	-	-	-	-	-	-
13 SRWA Debt Service	-	-	-	-	-	-
14 Adjusted Gross Revenues	24,212,110	24,373,349	24,203,110	25,790,542	25,996,306	26,258,441
15 Personnel O&M Expenses	10,035,515	9,292,903	8,928,125	10,475,770	7,838,749	10,788,171
16 Non-Personnel O&M Expenses	5,678,291	4,897,673	5,073,674	4,869,770	6,485,720	6,531,749
17 Subtotal O&M Expenses	15,713,806	14,190,576	14,001,798	15,345,540	14,324,470	17,319,920
18 Other Non-Operating Expenses	735,421	401,605	263,683	300,000	300,233	300,000
19 Balance Available for Debt Service and Other Legal Purposes	7,762,883	9,781,168	9,937,629	10,145,002	11,371,603	8,638,521
20 Debt Service:						
21 Existing	4,756,070	4,380,390	4,810,411	4,826,811	4,873,974	4,994,350
22 Commercial Paper Interest Expense	106,483	108,582	2,131	113,400	43,096	30,000
23 Total Debt Service & CP Expense	4,862,553	4,488,972	4,812,542	4,940,211	4,917,070	5,024,350
24 Available After Debt Service	2,900,330	5,292,196	5,125,087	5,204,791	6,454,533	3,614,172
25 Other Uses of Cash:						
26 COB Cash Transfer	2,093,386	2,019,532	1,981,791	2,210,426	2,062,176	2,105,962
27 COB Usage	327,825	417,803	438,520	368,628	537,454	519,882
28 Total Cash/Utility Benefit COB	2,421,211	2,437,335	2,420,311	2,579,054	2,599,631	2,625,844
29 Balance Available to Surplus for Transfers Out	\$ 479,119	\$ 2,854,861	\$ 2,704,776	\$ 2,994,365	\$ 3,854,902	\$ 1,508,210
30 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
31 Operating Subaccount-Fuel Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32 Improvement Fund- CIP Funding	-	671,099	753,650	2,025,536	1,840,468	1,508,210
Improvement Fund (Resaca Fee) - Resaca CIP						
33 Funding	-	-	-	-	-	-
34 Commercial Paper Defeasance	-	-	-	-	-	-
35 Total Transfers Out	-	671,099	753,650	2,025,536	1,840,468	1,508,210
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	479,119	2,183,762	1,951,126	968,829	2,014,434	-
38 Resaca Fee Surplus	-	-	-	-	-	-
39 Total	\$ 479,119	\$ 2,854,861	\$ 2,704,776	\$ 2,994,365	\$ 3,854,902	\$ 1,508,210
40 Debt Service Coverage Ratio	1.60	2.18	2.06	2.05	2.31	1.72

**APPROVED AND PROJECTED REVENUES & REQUIREMENTS
COMBINED UTILITY
FY 2023 – FY 2028**

Line No.	Description	APPROVED FY 2023	PROJECTED FY 2024	PROJECTED FY 2025	PROJECTED FY 2026	PROJECTED FY 2027	PROJECTED FY 2028
1	Operating Revenues	218,635,468	222,266,004	225,638,506	229,523,355	231,818,589	234,136,775
2	Revenue from Resaca Fee	3,833,030	5,557,893	5,613,472	6,503,884	6,568,923	6,634,612
3	Off-system Sales	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000
4	Net Operating Revenues	237,468,498	242,823,897	246,251,978	251,027,239	253,387,512	255,771,387
5	Interest on Investments	2,000,000	2,020,000	2,020,000	2,020,000	2,020,000	2,020,000
7	Other Revenues	12,545,448	12,670,902	12,797,612	12,925,588	13,054,843	13,185,392
8	Other Non-Operating Revenues	1,610,000	1,626,100	1,642,361	1,658,785	1,675,372	1,692,126
9	Gross Revenues	253,623,946	259,140,899	262,711,950	267,631,612	270,137,728	272,668,905
10	LESS:						
11	Production (Fuel, Purchased Power, Other)	87,165,844	70,604,334	74,134,550	77,841,278	81,733,342	85,820,009
12	Off-system Energy Expenses	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000
13	SRWA O&M	5,285,010	5,285,010	5,285,010	5,285,010	5,285,010	5,285,010
14	SRWA Debt Service	2,116,457	2,222,280	2,333,394	2,450,064	2,572,567	2,701,195
15	Adjusted Gross Revenues	150,056,635	172,029,276	171,958,996	173,055,260	171,546,809	169,862,691
16	Personnel (O&M)	48,224,441	48,947,808	49,682,025	50,427,255	51,183,664	51,951,419
17	Non-Personnel (O&M)	42,097,560	44,202,438	46,412,560	48,733,188	51,169,847	53,728,340
18	Total O&M	90,322,000	93,150,246	96,094,585	99,160,443	102,353,511	105,679,764
19	Other Non-Operating Expenses	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
20	Total Operating Expenses	194,989,311	181,361,869	187,947,539	194,836,794	202,044,430	209,585,977
21	Balance Available for Debt Service and						
22	Other Legal Purposes	58,634,635	77,779,030	74,764,412	72,794,817	68,093,298	63,082,928
23	Debt Service:						
24	Existing	29,748,071	28,054,265	27,655,892	27,718,304	27,711,669	27,712,298
25	Commercial Paper Interest Expense	200,000	70,000	70,000	70,000	70,000	70,000
26	Total Debt Service Requirements	29,948,071	28,124,265	27,725,892	27,788,304	27,781,669	27,782,298
27	Available After Debt Service	28,686,564	49,654,765	47,038,519	45,006,513	40,311,629	35,300,630
28	Other Uses of Cash:						
29	Calculated City Transfer	15,005,664	17,202,928	17,195,899	17,305,527	17,154,681	16,986,268
30	COB Usage	(5,060,544)	(5,111,149)	(5,162,261)	(5,213,884)	(5,266,022)	(5,318,683)
31	Net Cash Transfer to COB	9,945,120	12,091,778	12,033,638	12,091,643	11,888,658	11,667,589
32	Balance Available to Surplus for Transfers Out	18,741,445	37,562,987	35,004,881	32,914,870	28,422,971	23,633,041
33	Approved Uses of Balance Available for Transfers Out:						
34	Operating Subaccount - Fuel Adjustment	6,000,000	-	-	-	-	-
35	Improvement Fund- CIP Funding	8,908,415	32,560,884	29,952,756	27,061,373	22,510,940	17,661,890
36	Commercial Paper Defeasance	-	-	-	-	-	-
37	Improvement Fund (RESACA FEE) -Resaca CIP Funding	359,791	-	-	-	-	-
38	Total Transfers Out	15,268,206	32,560,884	29,952,756	27,061,373	22,510,940	17,661,890
39	Balance Available to BPUB:						
40	Improvement Fund - Surplus Revenues	-	-	-	-	-	-
41	Resaca Fee Surplus	3,473,239	5,002,103	5,052,124	5,853,496	5,912,031	5,971,151
42	Total	18,741,445	37,562,987	35,004,881	32,914,869	28,422,971	23,633,041
43	Debt Service Coverage	1.96	2.77	2.70	2.62	2.45	2.27

The five-year forecast was developed using the following assumptions:

- Sales & Service to Customers reflect future planned rate adjustments to all three utilities.
- Fuel & purchased energy charges are expected to decrease significantly in FY 2024 and then level off going forward.
- Off System Sales Revenue and Other Operating & Non-Operating Revenues primarily include unpredictable ERCOT related transactions and based on historical averages.
- Interest from Investments have increased recently based on changing market conditions and are forecasted to level off going forward.
- SRWA and Non-Personnel O&M expenses are forecasted to increase by 5% based on average national inflation rates, while Personnel O&M expenses are forecasted to increase by 1.5%.
- Other Non-Operating Expenses have and should continue to remain relatively flat.
- Debt Service increased during FY 2022 due to the conversion of Commercial Paper notes to long term debt.
- The City Cash Transfer fund is based on Adjusted Gross Revenues and is forecasted to increase at a rate of approximately 1% annually.

This forecast is designed to provide sufficient funding for the goals of the five-year strategic plan, including customer and community engagement, workforce development and continuity, organizational preparedness and resiliency, process improvement, reliable infrastructure and technology and innovation.

***OPERATIONS AND
MAINTENANCE EXPENSE
BUDGET***



Department Responsibility: John S. Bruciak, P.E.

Title: General Manager & CEO

Telephone Ext: 6277

Dept. No: 1110

**PERFORMANCE MEASURES
FOR THE
GENERAL MANAGER DEPARTMENT**

Department Function:

The General Manager is the Chief Executive Officer of the Brownsville PUB. It is the General Manager & CEO's responsibility to execute the plans and decisions of the Board, thereby directing and coordinating the activities of all Utility employees. The General Manager & CEO ensures that all policies and resolutions passed by the Board are enforced and duly administered. In addition, the General Manager & CEO informs the Board of legislative matters, capital improvements, budget items, policies, and services offered to customers. The Assistant General Manager & COO, Chief Financial Officer, Director of Human Resources, and Communications & Administrative Services Director directly report to the General Manager & CEO.

Department Goals/Objectives:

The department's objectives are to provide our customers, both internally and externally, with economical, reliable, and friendly service. To efficiently direct all aspects of the utility systems. To effectively direct Strategic Planning efforts in order to coordinate and prioritize goals and objectives. Identify, select, and retain a professional management team. Recognize constraints and limitations of State and Industry guidelines in addition to other applicable rules and regulations. Conduct periodic staff meetings and workshops.

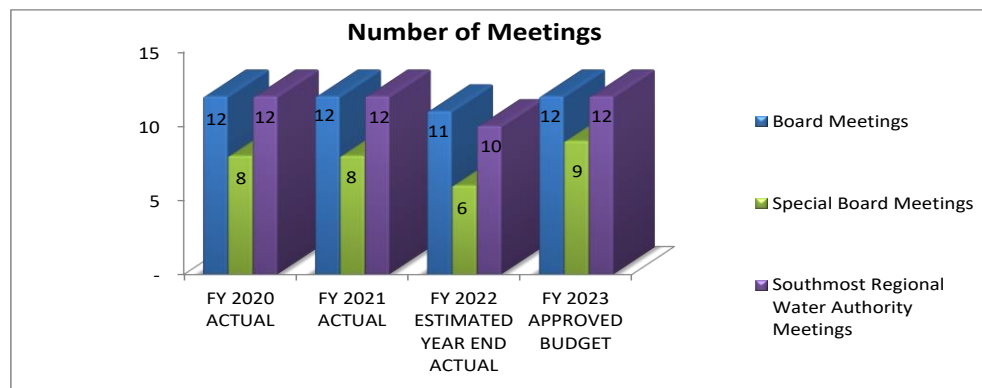
INPUT MEASURES

Employees (FTE)
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

Board Meetings
Director Meetings
Agenda Items Reviewed
Joint Meetings with City Commission
Southmost Regional Water Authority Meetings
Special Board Meetings

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
3	3	3	3
\$ 527,369	\$ 515,160	\$ 531,403	\$ 457,816
\$ 1,494,344	\$ 1,677,295	\$ 1,715,665	\$ 1,699,481
\$ 2,021,713	\$ 2,192,455	\$ 2,247,068	\$ 2,157,297
12	12	11	12
48	48	43	48
350	350	231	325
2	2	-	2
12	12	10	12
8	8	6	9



DEPARTMENT 1110 - GENERAL MANAGER

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
O&M PERSONNEL						
6101 Supervision	\$ 265,924	\$ 275,023	\$ 274,736	\$ 273,218	\$ 274,269	\$ 273,218
6110 Clerical staff	84,330	95,923	96,463	97,559	100,335	97,573
6130 Overtime	2,601	169	3,039	4,020	6,028	5,400
6201 T.M.R.S.	69,336	71,747	72,929	17,859	73,697	18,211
6205 F.I.C.A.	12,618	13,245	13,726	22,988	14,234	22,989
6210 Medicare	5,260	5,467	5,547	5,376	5,613	5,376
6214 Dental Insurance	1,382	1,608	1,557	1,604	1,804	2,111
6215 Hospitalization insurance	18,144	25,003	27,304	28,699	31,697	36,956
6220 Life Insurance	253	223	225	396	218	396
6221 Long Term Disability Insurance	295	381	386	742	377	742
6225 Workers Compensation	9,028	9,480	9,551	9,269	9,718	9,270
6230 Vacation leave	0	15,757	2,177	4,676	4,554	4,735
6235 Sick leave	(736)	4,342	(1,133)	5,144	(142)	5,210
6242 Auto Benefits	9,346	9,000	8,654	9,000	9,000	9,000
6260 Vacancy Savings	-	-	-	(18,307)	-	(33,371)
<i>O&M PERSONNEL TOTAL</i>	477,783	527,369	515,160	462,245	531,403	457,816
O&M NON-PERSONNEL						
7101 Advertising	1,373	-	10,000	25,000	-	-
7102 Sponsorships	34,700	22,800	-	-	83,500	50,000
7105 Books & periodicals	221	-	1,283	8,000	124	-
7110 Dues & memberships	2,311	54,959	2,861	3,000	1,139	50,000
7120 Office supplies	3,057	1,884	245	300	3,917	4,000
7130 Postage/shipping charges	387	352	-	500	404	300
7140 Training expenses	450	299	-	5,000	750	500
7145 Travel expenses	7,886	3,700	(5)	-	2,797	2,000
7199 Miscellaneous office expenses	-	-	58	50	-	-
7225 Safety supplies	-	2	551	1,000	23	50
7299 Other materials & supplies	1,903	4,561	-	-	-	500
7310 Federal, state, & local fees	2,516	-	507	1,800	-	-
7315 Food, meals, ice, water	1,404	1,999	-	300	1,524	1,500
7320 Official functions	926	-	-	5,000	-	-
7325 Rental of equip/storage/land	-	-	1,627,817	1,885,968	1,921	2,000
7601 Legal Fees	1,632,021	1,397,584	1,800	4,000	1,141,709	1,249,631
7605 Engineering fees	1,816	4,020	30,613	21,000	-	2,000
7699 Other services	18,110	2,185	-	-	477,609	336,200
7801 Communication equipment	-	-	-	-	247	300
7805 Computer equipment	-	-	1,563	500	-	500
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	1,709,080	1,494,344	1,677,295	1,961,418	1,715,665	1,699,481
	2,186,863	2,021,713	2,192,455	2,423,663	2,247,068	2,157,297



Department Responsibility: **Melida R. Pinales, CFE**

Title: **Audit Manager**

Telephone Ext: **6269**

Dept. No: **1120**

**PERFORMANCE MEASURES
FOR THE
INTERNAL AUDIT DEPARTMENT**

Department Function:

The Internal Audit (IA) Department is responsible for conducting independent reviews of BPUB's policies, procedures and operations. The Audit Manager reports functionally to the Board of Directors and administratively to the General Manager & CEO. BPUB's IA Charter defines what the Board of Directors and Executive Management can expect from the IA and directs the efforts on the IA staff. An audit provides an independent, objective assurance and consulting activity as well as supports organizational objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of risk management, control, and governance processes.

Department Goals/Objectives:

The department's objective is to use a risk assessment program to perform audits for the fiscal year. IA staff conducts operational audits to improve and enhance the efficiency and effectiveness of BPUB's departmental functions through findings, recommendations and follow-ups. Audits are conducted to ensure standard operating policies and procedures are utilized in daily operations. IA staff also investigates allegations pertaining to fraud, waste and abuse of BPUB's resources.

INPUT MEASURES

Employees (FTE)
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

Audit Service Hours
Administrative Hours
Internal Audit Reports
Special Reviews/Requests
Follow-up Audits
Unannounced Cash and Inventory Counts
Fraud Allegations (Hotline)
Reports Issued
Board Meetings
Audit Committee Presentations

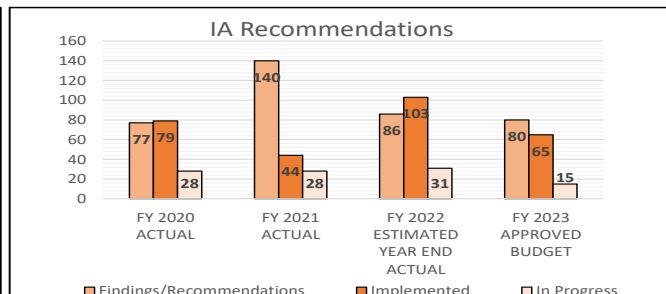
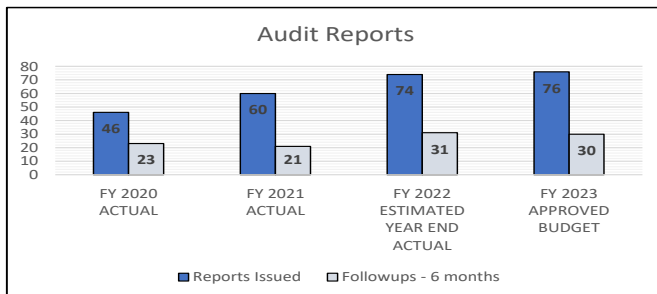
OUTCOME MEASURES

% of Annual Audit Plan Completed
Findings/Recommendations
- Audit Concurrence for Recommendations
Followups - 6 months
Recommendations
Implemented
In Progress

EFFICIENCY MEASURES

Internal Audit Reports Completed Per Auditor
Follow-ups Completed Per Auditor
Unannounced Cash and Inventory Counts
Fraud Allegations Completed Per Auditor

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
Employees (FTE)	3	3	3	3
O&M Personnel Expenses	\$ 348,709	\$ 356,578	\$ 356,797	\$ 374,531
O&M Non-Personnel Expenses	\$ 5,024	\$ 3,459	\$ 6,249	\$ 11,174
Total O&M Expenses	\$ 353,733	\$ 360,037	\$ 363,046	\$ 385,705
Audit Service Hours	4,680	4,680	4,680	4,680
Administrative Hours	1,560	1,560	1,560	1,560
Internal Audit Reports	18	33	35	35
Special Reviews/Requests	1	1	0	1
Follow-up Audits	23	21	31	30
Unannounced Cash and Inventory Counts	6	5	8	10
Fraud Allegations (Hotline)	11	7	7	10
Reports Issued	46	60	74	76
Board Meetings	12	12	12	12
Audit Committee Presentations	3	0	4	4
% of Annual Audit Plan Completed	92%	98%	96%	96%
Findings/Recommendations	77	140	86	80
- Audit Concurrence for Recommendations	100%	100%	100%	100%
Followups - 6 months	23	21	31	30
Recommendations	107	72	134	80
Implemented	79	44	103	65
In Progress	28	28	31	15
Internal Audit Reports Completed Per Auditor	15	20	25	25
Follow-ups Completed Per Auditor	7	7	10	10
Unannounced Cash and Inventory Counts	2	2	3	3
Fraud Allegations Completed Per Auditor	4	2	2	3



DEPARTMENT 1120 - INTERNAL AUDIT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 96,549	\$ 118,484	\$ 118,160	\$ 123,593	\$ 123,933	\$ 123,594
6105 Administrative Staff	126,261	116,222	122,339	136,347	111,077	142,334
6201 T.M.R.S.	40,073	42,324	43,991	45,619	42,582	46,803
6205 F.I.C.A.	13,288	14,073	14,420	16,116	14,075	16,488
6210 Medicare	3,108	3,291	3,372	3,769	3,292	3,856
6214 Dental Insurance	1,651	1,901	1,896	2,103	1,897	2,103
6215 Hospitalization insurance	28,329	31,670	34,985	39,598	36,841	41,182
6220 Life Insurance	201	208	207	285	210	292
6221 Long Term Disability Insurance	337	476	474	520	478	532
6225 Workers Compensation	5,657	6,417	6,395	6,498	6,987	6,648
6230 Vacation leave	2,514	2,040	(935)	3,161	1,078	3,396
6235 Sick leave	6,348	4,101	4,064	3,478	6,848	3,736
6242 Auto Benefits	3,462	7,500	7,212	7,500	7,500	7,500
6260 Vacancy Savings	-	-	-	(12,378)	-	(23,934)
<i>O&M PERSONNEL TOTAL</i>	327,776	348,709	356,578	376,211	356,797	374,531
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	2,121	2,111	2,131	2,200	2,119	3,074
7120 Office supplies	2,140	247	641	400	1,541	1,000
7140 Training expenses	4,167	1,236	654	3,405	1,075	4,000
7145 Travel expenses	3,722	1,187	-	4,473	1,080	3,000
7225 Safety supplies	-	127	33	100	275	100
7315 Food, meals, ice, water	147	70	-	100	107	-
7335 Wearing apparel & dry goods	935	-	-	-	-	-
7415 Fuels & lubricants	161	46	-	200	51	-
7820 Office furniture & equipment	450	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	13,843	5,024	3,459	10,878	6,249	11,174
	341,619	353,733	360,037	387,089	363,046	385,705



Department Responsibility: **Danny Marez**
 Title: **Bus Dev & Key Accounts Manager**
 Telephone Ext: **6286**
 Dept. No: **1125**

**PERFORMANCE MEASURES
FOR THE
KEY ACCOUNT MARKETING DEPARTMENT**

Department Function:

The Key Account Marketing Department focuses on meeting the unique customer service needs of Key Accounts, BPUB's largest industrial and commercial clients. Key Accounts Representatives serve as a single-point of contact for Key Accounts and are on-call 24 hours a day, seven days a week. In addition, the Key Account Department is responsible for the recruitment of new commercial business for the utility and facilitates electric conversions from other utility companies to BPUB.

Department Goals/Objectives:

The Brownsville Public Utilities Board's Key Account and Business Development Department is dedicated to providing exceptional customer service and becoming a strategic partner to all Key Accounts 24/7.

INPUT MEASURES

Employees (FTE's)
O&M Expenses

OUTPUT MEASURES

Number of Key Accounts
Number of field visits
Number of analyses performed for Key Accounts

OUTCOME MEASURES

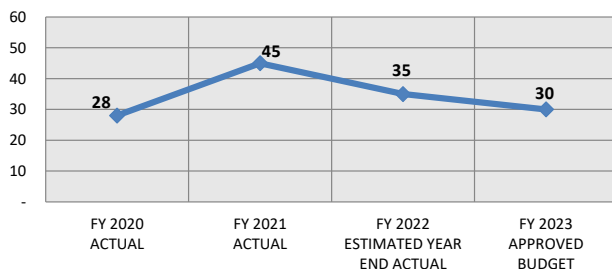
Number of new Key Accounts
Number of electric conversions (to BPUB) facilitated by KA Department
Number of new subdivision projects facilitated by KA Department
Number of new commercial projects facilitated by KA Department
Key Accounts satisfied with the level of service delivered by KA Department (per survey results)
Percentage of Key Accounts Electric Revenue(\$) versus system revenue (\$)

EFFICIENCY MEASURES

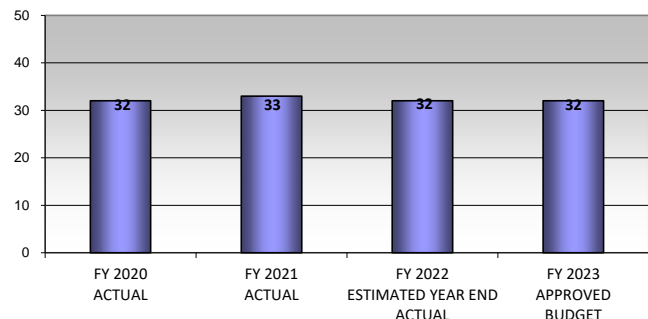
Number of Key Accounts per representative
Average number of field visits per representative

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
4	4	4	3
\$ 279,113	\$ 251,842	\$ 236,889	\$ 301,023
68	68	64	68
260	90	170	220
200	200	200	200
5	5	5	5
5	3	3	3
10	8	14	12
28	45	35	30
Yes	Yes	Yes	Yes
25%	23%	24%	25%
32	33	32	32
130	45	85	110

**Number of new commercial projects
facilitated by KA Department**



No. of Key Accounts per Key Account Rep.



DEPARTMENT 1125 - KEY ACCOUNT MARKETING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 49,056	\$ 50,736	\$ 36,251	\$ 58,910	\$ 47,311	\$ 60,004
6105 Administrative Staff	123,226	127,506	127,584	134,545	87,312	129,792
6201 T.M.R.S.	38,103	38,927	36,257	33,951	31,644	33,404
6205 F.I.C.A.	9,869	10,156	9,326	11,994	8,164	11,767
6210 Medicare	2,308	2,375	2,181	2,805	1,909	2,752
6214 Dental Insurance	1,751	2,019	1,805	2,069	1,532	2,330
6215 Hospitalization insurance	31,463	35,282	35,892	44,061	30,145	45,823
6220 Life Insurance	164	159	147	221	110	217
6221 Long Term Disability Insurance	258	340	313	387	240	380
6225 Workers Compensation	4,306	4,456	4,100	4,836	3,633	4,745
6230 Vacation leave	1,182	6,195	(2,760)	2,325	998	2,424
6235 Sick leave	6,920	(12,323)	(4,846)	2,558	4,197	2,667
6260 Vacancy Savings	-	-	-	(9,104)	-	(17,082)
<i>O&M PERSONNEL TOTAL</i>	268,606	265,827	246,250	289,559	217,195	279,223
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	9,003	1,978	1,992	4,000	5,566	7,500
7120 Office supplies	1,306	1,032	343	1,000	896	1,000
7130 Postage/shipping charges	45	-	-	100	75	-
7135 Telephone expenses	-	-	-	-	498	-
7140 Training expenses	4,948	650	-	1,500	50	1,500
7145 Travel expenses	5,057	5,101	-	2,500	4,073	2,500
7299 Other materials & supplies	-	20	-	-	3,927	-
7315 Food, meals, ice, water	283	54	-	300	153	-
7320 Official functions	7,200	100	-	5,500	-	5,500
7415 Fuels & lubricants	823	1,188	616	800	1,577	800
7699 Other services	2,880	3,163	2,640	3,000	2,880	3,000
7820 Office furniture & equipment	419	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	31,963	13,286	5,592	18,700	19,694	21,800
	300,569	279,113	251,842	308,259	236,889	301,023



Department Responsibility: Estrella Solorzano

Title: Acting Director of Communication & Admin. Svc.

Telephone Ext: 6255

Dept. No: 1130

**PERFORMANCE MEASURES
FOR THE
COMMUNICATIONS AND ADMINISTRATIVE SERVICES DEPARTMENT**

Department Function:

The Communications and Administrative Services Department provides administrative and managerial oversight to other Division Departments including Communications and Public Relations, Health and Safety, and Risk/Insurance Management.

Department Goals/Objectives:

The purpose of the department is to provide operational support to the division departments so that they have the necessary tools to perform their jobs and to provide administrative and managerial support in order to produce more effective services.

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 128,918	\$ 180,734	\$ 137,898	\$ 139,689	\$ 113,909	\$ 212,326
6105 Administrative Staff	-	4,303	2,885	-	-	-
6110 Clerical staff	16,398	14,611	-	-	-	-
6130 Overtime	339	59	-	-	-	-
6201 T.M.R.S.	27,556	36,937	26,530	24,515	32,615	37,369
6205 F.I.C.A.	9,061	12,517	8,969	8,661	11,290	13,164
6210 Medicare	2,241	3,019	2,156	2,025	2,641	3,079
6214 Dental Insurance	786	1,386	693	685	645	1,293
6215 Hospitalization insurance	12,392	22,687	12,126	12,278	12,399	25,085
6220 Life Insurance	125	165	111	148	92	230
6221 Long Term Disability Insurance	208	355	241	279	202	425
6225 Workers Compensation	3,884	5,293	3,740	3,492	4,773	5,308
6230 Vacation leave	(591)	11,778	(2,323)	1,699	8,141	2,711
6235 Sick leave	793	7,268	(5,329)	1,869	10,470	2,983
6242 Auto Benefits	7,788	7,500	7,212	7,500	7,212	7,500
6243 Telephone Benefits	1,745	1,680	1,616	1,680	775	1,680
6260 Vacancy Savings	-	-	-	(6,652)	-	(19,109)
<i>O&M PERSONNEL TOTAL</i>	211,644	310,290	196,524	197,869	205,164	294,045

DEPARTMENT 1130 - COMMUNICATIONS AND ADMINISTRATIVE SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	-	-	-	-	-	-
7110 Dues & memberships	1,030	1,014	408	1,000	301	1,000
7120 Office supplies	918	241	-	1,000	1,847	1,250
7130 Postage/shipping charges	148	152	-	200	221	200
7140 Training expenses	1,375	295	-	2,000	1,899	2,000
7145 Travel expenses	2,818	1,778	-	5,000	1,843	3,000
7225 Safety supplies	-	-	-	250	58	250
7299 Other materials & supplies	-	-	133	500	406	2,000
7315 Food, meals, ice, water	1,668	165	-	1,000	775	-
7325 Rental of equip/storage/land	3,429	2,400	2,297	1,000	169	4,000
7645 Maintenance services	7,701	5,588	5,432	1,000	394	2,000
7699 Other services	-	-	(119)	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	19,088	11,634	8,151	12,950	7,913	15,700
	230,732	321,924	204,675	210,819	213,077	309,745



Department Responsibility: Ryan Greenfeld
 Title: Communications & PR Manager
 Telephone Ext: 6271
 Dept. No: 1135

**PERFORMANCE MEASURES
FOR THE
COMMUNICATIONS AND PUBLIC RELATIONS DEPARTMENT**

Department Function:

The Communications and Public Relations Department is responsible for the coordination and management of internal and external communications, focusing on utility-wide issues, employee understanding, community relations, and governmental affairs, and working to promote a positive employee and public image of the Brownsville PUB. In addition, this department is responsible for providing education and outreach activities in the community.

Department Goals/Objectives:

The purpose of the Communications and Public Relations program is to provide information to the Brownsville PUB personnel, the general public and the media so that they understand and be aware of Brownsville PUB issues.

INPUT MEASURES

Employees
 Total O&M Expenses

OUTPUT MEASURES

Operational Reports (Outreach Report/Communications & PR Report)
 No. of Community Presentations
 No. of Tours
 No. of Safety Presentations (including lobby video)
 No. of Weekly Connections Produced
 No. of Family Connections Produced
 No. of PUBCAP Meetings
 No. of Bill Inserts Produced
 Water Consumer Confidence Report (CCR) Produced and Distributed Within Regulations

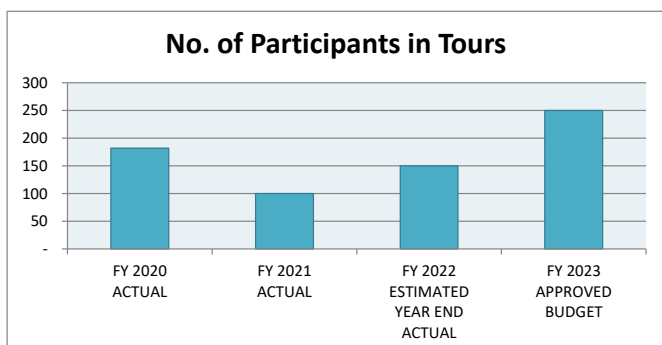
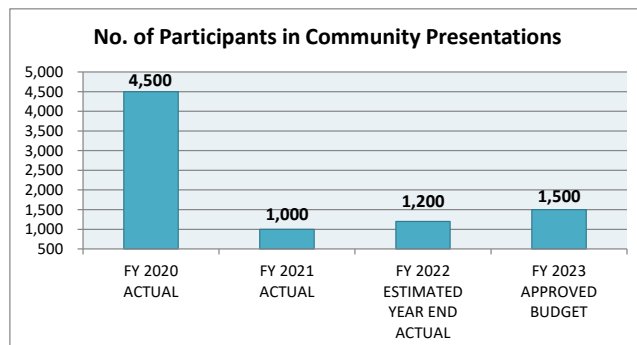
OUTCOME MEASURES

Public Information Campaigns Conducted
 No. of Participants in Community Presentations
 No. of Participants in Tours
 No. of Participants in Safety Presentations
 No. of Bill Inserts Distributed (Including CCR)

EFFICIENCY MEASURES

Avg. No. of Outreach Contacts (Media/Communications)

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
4	3	3	4
\$ 684,961	\$ 550,126	\$ 736,304	\$ 716,232
12	12	12	12
28	20	30	50
10	5	12	20
15	5	10	20
32	41	42	38
4	4	2	2
5	9	10	10
9	10	11	10
67,000	68,500	70,000	70,100
6	6	6	6
4,500	1,000	1,200	1,500
182	100	150	250
1,000	100	150	250
603,000	600,000	635,000	650,000
200	200	200	200



DEPARTMENT 1135 - COMMUNICATIONS AND PUBLIC RELATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 62,589	\$ 72,258	\$ 70,554	\$ 73,797	\$ 74,001	\$ 73,798
6105 Administrative Staff	135,328	129,874	109,337	115,293	98,513	174,595
6201 T.M.R.S.	35,160	35,341	31,936	33,185	30,227	43,717
6205 F.I.C.A.	11,984	12,405	11,101	11,724	10,333	15,400
6210 Medicare	2,803	2,901	2,596	2,742	2,417	3,602
6214 Dental Insurance	1,632	1,532	1,303	1,451	1,363	2,261
6215 Hospitalization insurance	26,567	24,269	22,800	25,928	25,820	43,062
6220 Life Insurance	185	176	157	215	143	283
6221 Long Term Disability Insurance	310	383	341	378	316	497
6225 Workers Compensation	4,964	5,053	4,499	4,727	4,313	6,210
6230 Vacation leave	2,161	(681)	3,780	2,300	(6,671)	3,172
6235 Sick leave	3,839	(18,123)	1,083	2,530	(1,906)	3,490
6260 Vacancy Savings	-	-	-	(9,004)	-	(22,355)
<i>O&M PERSONNEL TOTAL</i>	287,522	265,387	259,485	265,266	238,867	347,732
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	130,900	130,043	122,813	130,000	105,900	130,000
7102 Sponsorships	127,700	116,550	34,400	110,000	104,500	50,000
7110 Dues & memberships	7,265	1,769	6,004	7,500	9,626	8,000
7115 Educational material	-	-	-	1,000	-	-
7120 Office supplies	421	1,028	-	1,000	102	500
7130 Postage/shipping charges	123	-	-	100	-	100
7140 Training expenses	1,915	1,550	-	2,000	450	2,000
7145 Travel expenses	6,069	3,165	-	-	48	5,000
7199 Miscellaneous office expenses	-	-	-	500	315	-
7215 Laundry & janitorial supplies	496	188	-	800	330	400
7225 Safety supplies	105	133	-	300	195	100
7299 Other materials & supplies	306	180	-	500	5,614	500
7315 Food, meals, ice, water	3,904	870	-	1,000	164	-
7320 Official functions	6,406	4,810	-	7,000	2,120	2,000
7325 Rental of equip/storage/land	4,059	5,249	3,223	5,000	3,516	5,000
7335 Wearing apparel & dry goods	693	269	-	1,000	-	500
7415 Fuels & lubricants	190	80	1,217	500	258	500
7601 Legal Fees	-	-	-	-	-	4,000
7635 Software Maintenance Service Fees	-	-	-	-	6,662	-
7645 Maintenance services	200	-	-	-	-	-
7699 Other services	51,168	149,397	122,644	300,000	257,029	158,500
7805 Computer equipment	-	233	-	2,000	150	-
7806 Software licenses-new	3,390	4,060	340	2,000	458	1,400
7820 Office furniture & equipment	1,505	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	346,815	419,574	290,641	572,200	497,437	368,500
	634,337	684,961	550,126	837,466	736,304	716,232



Department Responsibility: **Marisa P. Gaytan**
 Training and Organizational
 Title: **Development Manager**
 Telephone Ext: **6241**
 Dept. No. **1140**

**PERFORMANCE MEASURES
 FOR THE
 TRAINING AND ORGANIZATIONAL DEVELOPMENT DEPARTMENT**

Department Function:

This Training and Organizational Development department partners with management to achieve the organizations strategic goal to increase intellectual capital and organizational effectiveness.

Department Goals/Objectives:

To develop the people within the organization through leadership and support. By partnering with BPUB management to identify and address learning gaps to help the organization to move from current state to desired state. Services provided include the new employee orientation, performance management, team building, coaching, conflict management mediation, meeting facilitation, change management, succession planning, and leading strategic planning teams/efforts related to workforce development and continuity.

INPUT MEASURES

Employees (FTEs)

O&M Non-Personnel Expenses

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END	FY 2023 APPROVED BUDGET
3	3	3	3
\$ 80,240	\$ 72,576	\$ 84,551	\$ 77,365

OUTPUT MEASURES

of leaders taking part in leadership skills development

19	16	19	25
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OUTCOME MEASURES

% of Employees Who Report New Learning That Will Help Them on the Job

Attendance Rate for Compliance Training

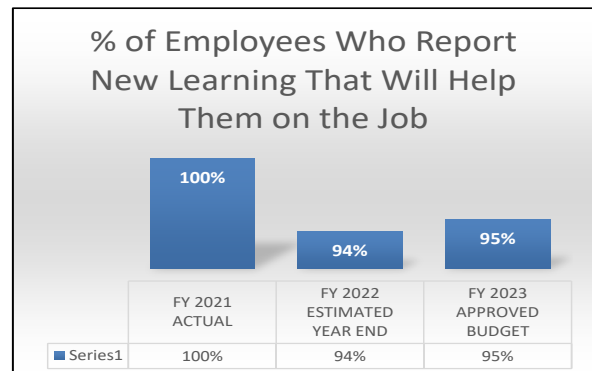
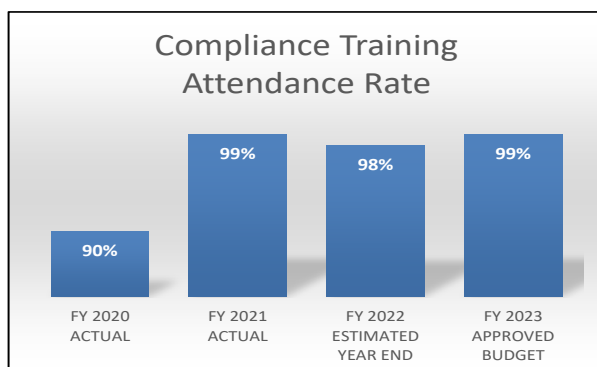
-	100%	94%	95%
90%	99%	98%	99%

EFFICIENCY MEASURES

Average Class Satisfaction Rating

Total Training Sessions Delivered in All Categories

-	100%	100%	100%
670	541	550	600



DEPARTMENT 1140 – TRAINING AND ORGANIZATIONAL DEVELOPMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 87,953	\$ 142,913	\$ 144,284	\$ 148,971	\$ 149,379	\$ 148,970
6105 Administrative Staff	102,045	56,051	-	-	-	-
6110 Clerical staff	-	-	13,218	36,298	36,386	36,296
6130 Overtime	-	-	103	997	221	524
6201 T.M.R.S.	33,690	34,764	28,013	32,515	32,624	32,607
6205 F.I.C.A.	11,423	11,782	9,439	11,487	11,180	11,486
6210 Medicare	2,672	2,756	2,207	2,686	2,615	2,686
6214 Dental Insurance	1,505	1,761	1,358	1,777	1,590	1,777
6215 Hospitalization insurance	24,140	28,674	24,732	32,763	30,133	34,074
6220 Life Insurance	174	172	136	211	155	211
6221 Long Term Disability Insurance	280	383	301	371	339	371
6225 Workers Compensation	4,754	4,974	3,944	4,632	4,650	4,632
6230 Vacation leave	642	516	3,460	2,253	(1,452)	2,366
6235 Sick leave	487	(1,241)	5,415	2,479	(1,206)	2,603
6242 Auto Benefits	144	-	-	-	-	-
6243 Telephone Benefits	32	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(8,822)	-	(16,674)
<i>O&M PERSONNEL TOTAL</i>	269,943	283,504	236,609	268,617	266,614	261,928
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	-	48	-	-	-	-
7105 Books & periodicals	594	371	-	300	118	-
7110 Dues & memberships	2,465	1,895	4,293	4,000	2,919	3,000
7115 Educational material	864	1,362	874	500	1,969	1,000
7120 Office supplies	2,579	1,328	1,852	1,500	1,850	1,500
7130 Postage/shipping charges	-	12	-	-	-	-
7140 Training expenses	2,590	524	-	-	-	-
7145 Travel expenses	3,885	-	-	-	-	-
7147 Mileage Reimbursement (InTownExp)	34	-	-	-	-	-
7299 Other materials & supplies	161	155	27	200	-	200
7315 Food, meals, ice, water	1,615	794	-	500	95	-
7322 Recognition Program	5,137	555	600	600	1,428	1,200
7325 Rental of equip/storage/land	1,056	1,056	1,056	1,200	1,056	1,200
7635 Software maintenance service fees	7,149	13,975	6,615	7,550	-	7,420
7699 Other services	87,762	58,164	57,259	50,000	6,615	60,000
7805 Computer equipment	-	-	-	-	68,351	1,845
7820 Office furniture & equipment	410	-	-	-	150	-
<i>O&M NON-PERSONNEL TOTAL</i>	116,301	80,240	72,576	66,350	84,551	77,365
	386,244	363,744	309,185	334,967	351,165	339,293



Department Responsibility: **Cesar Cortinas, P.E.**

Title: **Director of Electric
Transmission and Distribution**

Telephone Ext: **6216**

Dept. No: **1145**

**PERFORMANCE MEASURES
FOR THE
ELECTRICAL SYSTEMS DEPARTMENT**

Department Function:

The Electrical Systems division defines, develops, implements and manages the effective execution of operational strategies, processes and programs for Substations and Relaying, Electric Transmission & Distribution Construction & Maintenance, Energy Control Center Operations, Power Production, Electric Meter Shop, Electric Engineering and Fuel & Purchased Energy Supply.

Department Goals/Objectives:

Division goal is to plan and direct initiatives and strategies to be able to provide current and future customers with low cost, operationally efficient electric power that meets or exceeds reliability standards.

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 209,236	\$ 163,912	\$ 258,969	\$ 270,576	\$ 272,855	\$ 270,587
6105 Administrative Staff	-	-	-	-	\$ 35,954	81,286
6110 Clerical staff	34,721	35,906	35,625	36,648	37,824	36,650
6130 Overtime	316	302	696	904	758	846
6201 T.M.R.S.	54,018	35,345	53,717	53,918	62,228	68,380
6205 F.I.C.A.	16,403	12,214	18,197	19,048	21,207	24,088
6210 Medicare	4,382	2,856	4,256	4,455	4,960	5,634
6214 Dental Insurance	1,320	1,376	1,896	2,103	2,219	2,912
6215 Hospitalization insurance	22,574	22,895	34,992	39,598	41,916	53,952
6220 Life Insurance	227	162	239	333	265	423
6221 Long Term Disability Insurance	332	362	526	614	573	777
6225 Workers Compensation	7,741	5,061	7,566	7,681	8,872	9,713
6230 Vacation leave	(2,676)	12,703	6,560	3,736	15,695	4,961
6235 Sick leave	(2,677)	(20,174)	522	4,111	28,742	5,459
6242 Auto Benefits	4,615	2,308	7,212	7,500	7,500	7,500
6243 Telephone Benefits	1,034	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(14,630)	-	(34,967)
<i>O&M PERSONNEL TOTAL</i>	351,567	275,227	430,974	436,594	541,566	538,201

DEPARTMENT 1145 – Electric Transmission and Distribution

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	206	40	150	214	-
7110 Dues & memberships	2,469	2,300	292	600	39,869	2,670
7120 Office supplies	587	621	455	500	1,156	600
7130 Postage/shipping charges	249	371	216	300	860	750
7140 Training expenses	1,028	-	1,395	700	1,025	1,340
7145 Travel expenses	3,609	1,889	920	2,865	930	1,500
7225 Safety supplies	266	20	210	160	192	200
7299 Other materials & supplies	168	53	-	150	142	-
7315 Food, meals, ice, water	529	229	-	200	165	-
7325 Rental of equip/storage/land	-	-	-	1,068	1,001	-
7415 Fuels & lubricants	-	-	1,076	-	465	-
7605 Engineering fees	-	-	-	-	143,136	135,000
7635 Software maintenance service fees	1,126	-	-	225	-	-
7699 Other services	-	175	542	450	290	400
7801 Communication equipment	-	-	-	-	265	-
7805 Computer equipment	572	-	20	200	419	400
7806 Software licenses-new	-	-	6,533	665	-	100
7820 Office furniture & equipment	418	-	-	100	-	-
7835 Tools, shop and garage equipment	431	-	-	100	-	-
7899 Other minor tools & equipment	-	-	339	50	152	250
<i>O&M NON-PERSONNEL TOTAL</i>	11,452	5,865	12,038	8,483	190,282	143,210
	363,019	281,092	443,012	445,077	731,848	681,411



Department Responsibility: John S. Bruciak, P.E.
 Title: General Manager & CEO
 Telephone Ext: 6277
 Dept. No: 1150

**PERFORMANCE MEASURES
FOR THE
BOARD OF DIRECTORS**

Department Function:

The responsibilities of the Brownsville PUB Board include enacting resolutions and policies.

Department Goals/Objectives:

The Board of Directors assists and facilitates in the development of company policies that fit into the mission statement and values of BPUB. The Board of Directors convenes on a monthly basis to approve contracts for goods and services and provide direction to upper management concerning operational matters.

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
7110 Dues & memberships	96,664	47,395	52,218	50,000	64,930	50,000
7120 Office supplies	257	-	-	-	-	-
7140 Training expenses	-	-	1,650	2,000	1,500	1,000
7145 Travel expenses	7,453	1,571	1,434	8,000	2,200	2,000
7299 Other materials & supplies	-	200	-	-	-	-
7315 Food, meals, ice, water	7,763	2,946	3,987	5,000	11,083	7,000
7320 Official functions	3,695	-	-	-	-	-
7601 Legal Fees	-	55,133	127,074	154,874	211,191	207,261
7699 Other services	-	800	-	-	-	-
7805 Computer equipment	-	-	1,563	1,000	-	1,000
<i>O&M NON-PERSONNEL TOTAL</i>	115,832	108,045	187,926	220,874	290,904	268,261
	115,832	108,045	187,926	220,874	290,904	268,261

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Department Responsibility: **Nancy P. Tello**

Title: **Enterprise Content,
Records & Policies Manager**

Telephone Ext: **6262**

Dept. No: **1165**

PERFORMANCE MEASURES FOR THE RECORDS MANAGEMENT DEPARTMENT

Department Function:

The Records Management Department function is to ensure that records are administered in an efficient manner and systematic control since their creation, receipt, maintenance, use and disposition, including the processes for capturing and maintaining evidence of and information about BPUB activities and transactions in the form of records. The department responds to public information requests and administers the policies and procedures function.

Department Goals/Objectives:

The objectives of the department are to assist other departments manage their records so that records are accessible, are maintained efficiently and cost effectively; and to retain records that are required to be kept, identify and preserve records with permanent value and dispose of records with no further value in a secure and timely manner.

INPUT MEASURES

Employees (FTE's)
O&M Non-Personnel Expenses

OUTPUT MEASURES

Requests Submitted Related to the Public Information Act
Number of Policy or Procedure Documents Reviewed by Records Management

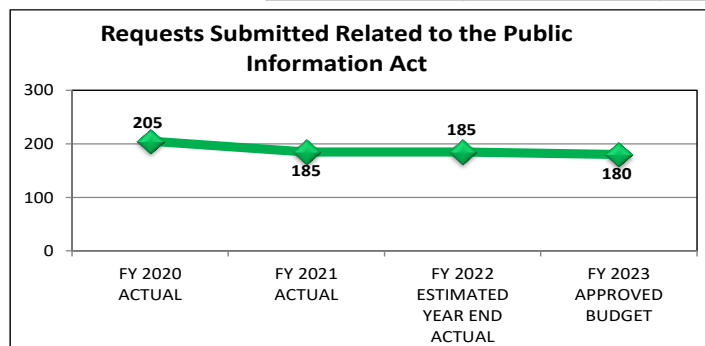
OUTCOME MEASURES

Number of Public Information Requests requiring a Texas Attorney General Opinion
Number of Policy or Procedure Documents Reviewed by Records Management and Approved by the BPUB Board or Executive Management

EFFICIENCY MEASURES

Average time to respond to a public information request (within the law - 10 days)
Maintaining records management program
Maintaining policies and procedures program

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
Employees (FTE's)	3	3	3	4
O&M Non-Personnel Expenses	\$154,397	\$140,435	\$154,306	\$213,750
Requests Submitted Related to the Public Information Act	205	185	185	180
Number of Policy or Procedure Documents Reviewed by Records Management	44	55	45	40
Number of Public Information Requests requiring a Texas Attorney General Opinion	5	3	9	5
Number of Policy or Procedure Documents Reviewed by Records Management and Approved by the BPUB Board or Executive Management	13	35	28	25
Average time to respond to a public information request (within the law - 10 days)	2 - 5 days	2-4 days	5 days	4 days
Maintaining records management program	Yes	Yes	Yes	Yes
Maintaining policies and procedures program	Yes	Yes	Yes	Yes



DEPARTMENT 1165 – RECORDS MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
6101 Supervision	\$ 69,000	\$ 72,954	\$ 76,400	\$ 79,913	\$ 80,133	\$ 79,914
6105 Administrative Staff	44,651	47,045	48,003	50,210	52,232	50,211
6110 Clerical staff	42,531	44,829	48,500	49,861	49,706	49,858
6130 Overtime	203	-	1,596	856	51	899
6201 T.M.R.S.	29,071	29,697	30,981	31,587	31,945	31,677
6205 F.I.C.A.	9,195	9,682	10,241	11,159	10,791	11,159
6210 Medicare	2,150	2,263	2,395	2,610	2,524	2,610
6214 Dental Insurance	1,400	1,633	1,672	1,854	1,672	1,854
6215 Hospitalization insurance	24,822	28,352	32,175	36,399	31,277	34,527
6220 Life Insurance	151	145	152	206	151	206
6221 Long Term Disability Insurance	235	312	327	360	331	360
6225 Workers Compensation	3,910	4,114	4,364	4,500	4,553	4,500
6230 Vacation leave	1,449	(2,296)	497	2,189	(4,578)	2,298
6235 Sick leave	(3,001)	(2,399)	1,758	2,408	3,131	2,529
6260 Vacancy Savings	-	-	-	(8,571)	-	(16,198)
O&M PERSONNEL TOTAL	225,769	236,332	259,061	265,539	263,918	256,402
O&M NON-PERSONNEL						
7101 Advertising	-	-	-	-	-	2,000
7102 Sponsorships	-	3,500	-	-	-	-
7105 Books & periodicals	-	40	-	-	-	-
7110 Dues & memberships	774	873	893	1,000	825	1,100
7120 Office supplies	1,818	1,416	44	1,200	701	1,300
7130 Postage/shipping charges	155	78	5	200	143	200
7135 Telephone expenses	-	-	-	250	-	250
7140 Training expenses	3,378	-	3,296	5,000	4,646	5,000
7145 Travel expenses	6,598	4,646	-	6,400	732	4,900
7225 Safety supplies	78	18	49	100	224	200
7299 Other materials & supplies	218	21	319	500	367	500
7315 Food, meals, ice, water	1,680	279	-	500	158	-
7325 Rental of equip/storage/land	19,551	12,350	11,450	20,000	3,161	20,100
7415 Fuels & lubricants	334	277	1,086	500	168	500
7601 Legal Fees	23,615	16,379	16,244	20,000	22,651	20,000
7635 Software maintenance service fees	-	61,612	92,408	97,000	90,900	100,000
7645 Maintenance services	-	-	-	20,000	2,161	5,000
7699 Other services	85,789	15,404	12,902	85,000	23,589	50,000
7805 Computer equipment	-	37,502	-	1,670	-	2,000
7806 Software licenses-new	-	-	1,740	-	1,099	700
7820 Office furniture & equipment	-	-	-	-	2,780	-
O&M NON-PERSONNEL TOTAL	143,988	154,397	140,435	259,320	154,306	213,750
	369,757	390,729	399,496	524,859	418,224	470,152



Department Responsibility: **Miguel Collis**

Title: **Digital Information Platforms
Tech Manager**

Telephone Ext: **6288**

Dept. No: **1170**

**PERFORMANCE MEASURES
FOR THE
DIGITAL INFORMATION PLATFORMS**

Department Function:

The Digital Information Platforms department manages the utility's various digital platforms, including, but not limited to, social media, websites, newsletters, internal TV network and electronic forms.

Department Goals/Objectives:

The Digital information Platforms' goals and objectives are to distribute content to maximize internal and external exposure to the organization's information, analyze trends and facilitate the flow of information through electronic forms.

INPUT MEASURES

Employees

Total O&M Expenses

OUTPUT MEASURES

Operational Reports (Social Media, Web and Intranet Analytics, ECRM Form Analytics)

No. of Electronic Forms Converted

No. of Digital Newsletters

No. of Social Media Posts

No. of Digital Billboards

No. of Lobby Presentations (per BPUB TV)

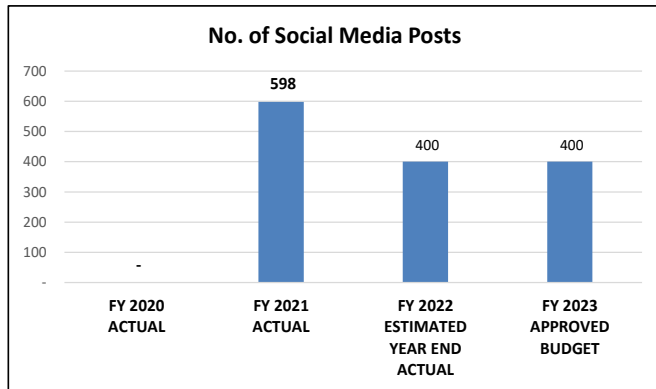
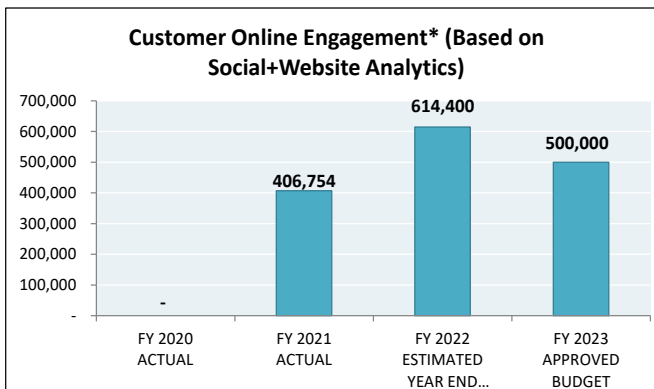
OUTCOME MEASURES

Information Campaigns Conducted

No. of Newsletter Subscribers

Customer Online Engagement* (Based on Social+Website Analytics)

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
1	2	2	2
\$ -	\$ 195,734	\$ 213,868	\$ 232,952
-	5	5	5
-	1	5	4
-	3	1	4
-	598	400	400
-	18	18	4
-	17	63	15
-	5	7	5
-	1,037	1,037	1,200
-	406,754	614,400	500,000



DEPARTMENT 1170 – DIGITAL INFORMATION PLATFORMS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
6101 Supervision	\$ -	\$ -	\$ 62,425	\$ 69,844	\$ 70,957	\$ 71,011
6105 Administrative Staff	-	-	41,402	46,323	\$ 46,449	46,322
6201 T.M.R.S.	-	-	18,451	20,387	20,599	20,651
6205 F.I.C.A.	-	-	6,189	7,202	7,006	7,275
6210 Medicare	-	-	1,447	1,684	1,638	1,701
6214 Dental Insurance	-	-	1,091	1,293	1,167	1,293
6215 Hospitalization insurance	-	-	20,035	24,120	22,438	25,085
6220 Life Insurance	-	-	93	133	99	135
6221 Long Term Disability Insurance	-	-	200	232	214	235
6225 Workers Compensation	-	-	2,596	2,904	2,936	2,933
6230 Vacation leave	-	-	3,852	1,413	(717)	1,498
6235 Sick leave	-	-	7,471	1,554	285	1,649
6260 Vacancy Savings	-	-	-	(5,532)	-	(10,560)
O&M PERSONNEL TOTAL	-	-	165,252	171,560	173,069	169,227
O&M NON-PERSONNEL						
7101 Advertising	-	-	-	-	-	-
7110 Dues & memberships	-	-	26	-	-	-
7120 Office supplies	-	-	-	1,000	-	1,000
7135 Telephone expenses	-	-	-	100	-	100
7140 Training expenses	-	-	3,038	4,500	-	4,500
7145 Travel expenses	-	-	-	14,000	516	12,000
7315 Food, meals, ice, water	-	-	-	-	30	-
7635 Software Maintenance Service Fees	-	-	2,238	14,649	15,879	14,425
7699 Other services	-	-	23,537	6,518	24,374	31,700
7805 Computer equipment	-	-	925	-	-	-
7806 Software licenses-new	-	-	718	-	-	-
O&M NON-PERSONNEL TOTAL	-	-	30,482	40,767	40,799	63,725
	-	-	195,734	212,327	213,868	232,952



Department Responsibility: **Alberto Gomez Jr., P.E.**

Title: **Director of Environmental Services**

Telephone Ext: **6251**

Dept. No: **1410**

**PERFORMANCE MEASURES
FOR THE
ENVIRONMENTAL SERVICES DEPARTMENT**

Department Function:

The Environmental Services Department manages the Environmental Compliance, Pre-treatment, Cross Connection Control, and Analytical Laboratory Departments. The Environmental Services Department develops and implements environmental policies and procedures to ensure compliance with the letter and spirit of environmental laws and reduce environmental impacts. It provides environmental compliance support services (technical, regulatory, and operational) to all Brownsville PUB and SRWA operations.

Department Goals/Objectives:

The Environmental Department's goal is to provide environmental, technical, regulatory, and operational support to all Brownsville PUB and SRWA operations in order to ensure that air emissions, hazardous waste, water quality, safe drinking water, air risk management, integrated contingency plan, spill prevention control and countermeasure, AST, UST, PCB and stormwater, compliance monitoring and reporting are appropriate and timely.

INPUT MEASURES

Employees (FTE's)
Total O&M Expenses

OUTPUT MEASURES

Environmental Reports Produced
Env Compliance Audits Performed
QA Compliance Audits Performed
EPA/TCEQ PT (Studies) Performed
Waste Shipments

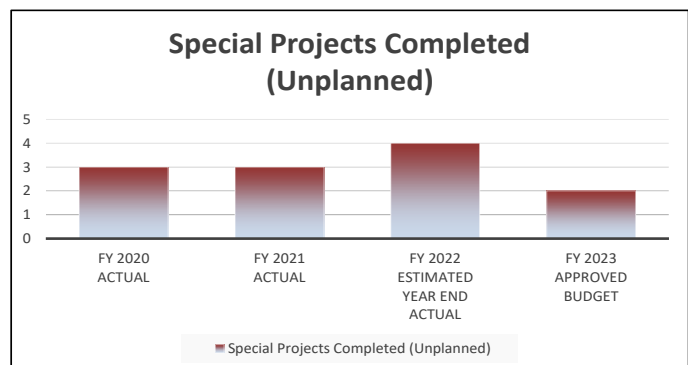
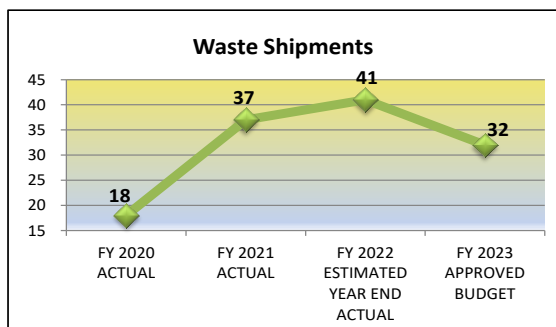
OUTCOME MEASURES

Timely Env. Report Submittals
No. of State & Federal Violations (Issued/Resolved)
Pounds Recycled

EFFICIENCY MEASURES

EPA & TCEQ Fines Levied
Special Projects Completed (Unplanned)
% Passing - QC Proficiency Tests

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
6	6	6	6
\$1,178,659	\$ 1,212,604	\$ 1,103,880	\$ 1,155,750
122	132	131	131
12	12	18	12
2	2	2	2
5	5	5	5
18	37	41	32
100%	100%	100%	100%
0/0	4/4	12/11	0/0
364,159	369,289	366,724	366,724
\$ -	\$ -	\$ -	\$ -
3	3	4	2
100%	100%	99%	100%



DEPARTMENT 1410 - ENVIRONMENTAL SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 136,660	\$ 141,494	\$ 141,107	\$ 147,595	\$ 148,002	\$ 147,597
6105 Administrative Staff	182,210	224,113	223,500	233,775	234,393	233,750
6110 Clerical staff	39,799	41,200	40,948	42,544	43,356	42,536
6130 Overtime	796	356	469	1,023	894	1,227
6201 T.M.R.S.	65,351	72,748	73,692	74,397	76,455	74,603
6205 F.I.C.A.	20,432	23,288	23,298	26,283	24,718	26,281
6210 Medicare	4,960	5,572	5,539	6,147	5,818	6,146
6214 Dental Insurance	3,400	4,392	4,380	4,857	4,382	4,857
6215 Hospitalization insurance	59,292	74,257	82,069	92,867	86,400	96,582
6220 Life Insurance	326	349	348	475	347	476
6221 Long Term Disability Insurance	515	737	732	848	728	848
6225 Workers Compensation	9,225	10,410	10,380	10,598	10,896	10,597
6230 Vacation leave	6,825	14,339	4,809	5,156	(1,689)	5,413
6235 Sick leave	1,546	(21,126)	(1,243)	5,672	2,076	5,956
6242 Auto Benefits	7,789	7,500	7,212	7,500	7,500	7,500
6243 Telephone Benefits	1,745	1,680	1,616	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(20,186)	-	(38,149)
<i>O&M PERSONNEL TOTAL</i>	<u>540,870</u>	<u>601,310</u>	<u>618,854</u>	<u>641,231</u>	<u>645,958</u>	<u>627,900</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	-	-	3,753	3,000	-	-
7105 Books & periodicals	-	-	555	200	-	-
7110 Dues & memberships	3,580	4,650	3,156	4,000	1,628	4,000
7120 Office supplies	1,043	743	1,574	850	765	850
7130 Postage/shipping charges	1,856	1,980	1,155	1,800	1,224	1,300
7140 Training expenses	3,630	1,210	1,819	3,432	4,385	4,000
7145 Travel expenses	6,793	1,724	-	6,548	5,347	7,000
7147 Mileage Reimbursement (InTownExp)	-	-	-	100	-	-
7293 Chemicals - other	25,985	24,617	26,356	28,000	22,426	36,000
7299 Other materials & supplies	539	3,193	2,868	2,000	2,555	2,000
7310 Federal, state, & local fees	431,601	404,528	369,594	408,000	368,813	376,000
7315 Food, meals, ice, water	151	110	-	500	374	-
7325 Rental of equip/storage/land	8,674	6,769	7,297	9,000	4,848	2,000
7335 Wearing apparel & dry goods	996	294	257	600	-	400
7415 Fuels & lubricants	1,142	707	652	1,000	1,133	1,000
7601 Legal Fees	(0)	31,819	8,906	10,000	-	6,100
7620 Environmental consulting fees	1,410	-	-	2,500	-	-
7699 Other services	133,698	92,613	164,033	127,000	43,834	87,000
7805 Computer equipment	-	912	-	500	-	-
7820 Office furniture & equipment	2,256	880	1,537	500	592	-
7899 Other minor tools & equipment	271	600	238	200	-	200
<i>O&M NON-PERSONNEL TOTAL</i>	<u>623,624</u>	<u>577,349</u>	<u>593,750</u>	<u>609,730</u>	<u>457,922</u>	<u>527,850</u>
	1,164,494	1,178,659	1,212,604	1,250,961	1,103,880	1,155,750



Department Responsibility: **Ramiro Capistran Jr.**

Title: **Environmental Manager**

Telephone Ext: **6511**

Dept. No: **1420**

**PERFORMANCE MEASURES
FOR THE
ENVIRONMENTAL COMPLIANCE DEPARTMENT**

Department Function:

The Environmental Compliance Department, under the direction of the Environmental Services Department, provides environmental services to all Brownsville PUB and SRWA operations in order to ensure compliance with environmental laws and reduce environmental impacts.

Department Goals/Objectives:

The Environmental Compliance Department's goal is to provide environmental services to all Brownsville PUB and SRWA operations in order to ensure environmental compliance with: air emissions, hazardous waste, safe drinking water act, risk management, integrated contingency plan, PCB/transformer disposal, spill prevention control and countermeasure, spill remediations, and any monitoring and reporting requirements.

INPUT MEASURES

Employees (FTE's)
Total O&M Expenses

OUTPUT MEASURES

No. of Compliance Inspections
Env. Trainings Offered
Environmental Spill Responses
Environmental Spill Remediations
No. of Reportable Emission Events

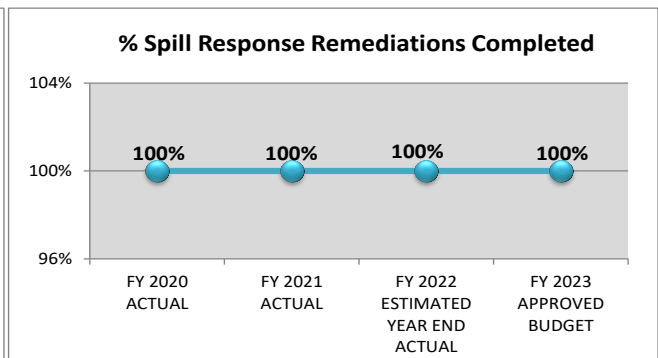
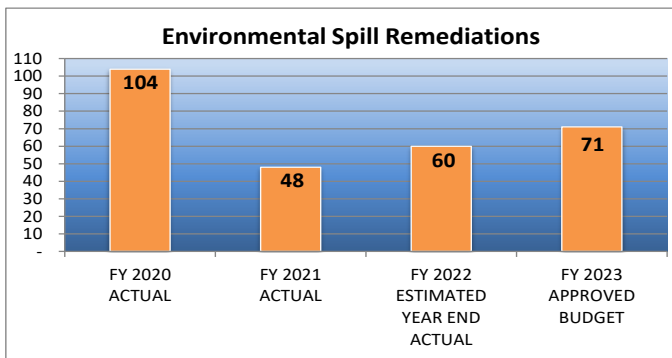
OUTCOME MEASURES

Compliance Inspection Corrective Actions
% Compliance Trainings Completed
% Spill Response Remediations Completed
Unit 9 CEMS % Availability
Unit 10 CEMS % Availability

EFFICIENCY MEASURES

EPA & TCEQ Fines Levied

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
6	6	6	6
\$ 977,410	\$ 1,030,528	\$ 1,046,773	\$ 1,314,869
397	329	329	329
7	6	6	6
104	48	60	71
104	48	60	71
8	6	2	-
-	-	-	-
100%	100%	100%	100%
100%	100%	100%	100%
100%	100%	100%	100%
100%	100%	100%	100%
\$ -	\$ -	\$ -	\$ -



DEPARTMENT 1420 – ENVIRONMENTAL COMPLIANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 81,474	\$ 84,356	\$ 84,126	\$ 87,993	\$ 88,226	\$ 87,984
6105 Administrative Staff	239,158	276,681	281,325	321,550	321,633	326,685
6115 Operational staff	43,530	45,437	8,187	-	-	-
6130 Overtime	1,462	3,253	2,721	6,004	3,228	4,009
6201 T.M.R.S.	64,787	77,795	67,086	71,875	72,462	72,982
6205 F.I.C.A.	21,794	26,728	22,032	25,392	24,238	25,709
6210 Medicare	5,097	6,251	5,153	5,938	5,669	6,013
6214 Dental Insurance	2,644	3,272	3,159	3,755	3,388	3,755
6215 Hospitalization insurance	53,942	63,659	69,339	82,832	74,706	82,818
6220 Life Insurance	337	348	321	461	337	467
6221 Long Term Disability Insurance	532	775	713	819	751	829
6225 Workers Compensation	9,141	11,136	9,482	10,239	10,392	10,367
6230 Vacation leave	(5,914)	21,392	1,259	4,981	(11,095)	5,295
6235 Sick leave	(22,829)	37,026	(21,340)	5,480	(519)	5,826
6260 Vacancy Savings	-	-	-	(19,502)	-	(37,320)
<i>O&M PERSONNEL TOTAL</i>	<i>495,155</i>	<i>658,110</i>	<i>533,562</i>	<i>607,817</i>	<i>593,417</i>	<i>595,419</i>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	2,747	12,948	7,506	5,000	3,926	2,000
7105 Books & periodicals	-	88	125	-	-	-
7110 Dues & memberships	728	929	1,506	1,000	1,214	1,000
7120 Office supplies	2,310	1,873	2,118	1,500	2,703	2,000
7130 Postage/shipping charges	974	1,330	785	1,000	671	1,000
7140 Training expenses	1,493	2,287	7,597	3,986	3,563	4,000
7145 Travel expenses	4,273	9,410	-	5,450	2,363	7,000
7225 Safety supplies	65	-	-	-	-	-
7293 Chemicals - other	-	-	1,249	-	-	-
7299 Other materials & supplies	9,745	14,943	11,867	11,000	15,777	11,000
7310 Federal, state, & local fees	22,674	20,486	19,304	20,000	30,289	32,000
7315 Food, meals, ice, water	75	81	-	150	90	-
7325 Rental of equip/storage/land	4,516	6,611	1,207	4,000	(2,077)	11,000
7335 Wearing apparel & dry goods	2,718	-	911	1,000	849	1,000
7415 Fuels & lubricants	2,415	1,252	1,659	1,000	2,971	2,000
7599 Maintenance / other	27,623	42,395	24,899	30,000	2,523	25,000
7620 Environmental consulting fees	26,455	64,597	112,524	65,000	72,369	65,000
7635 Software maintenance service fees	17,850	-	18,750	18,748	18,750	24,450
7645 Maintenance services	33,000	20,695	36,761	25,600	34,295	30,000
7699 Other services	210,478	118,722	246,038	1,275,000	259,133	500,000
7820 Office furniture & equipment	1,140	208	852	600	1,709	-
7835 Tools, shop and garage equipment	-	-	621	250	1,325	1,000
7899 Other minor tools & equipment	149	445	686	500	915	-
<i>O&M NON-PERSONNEL TOTAL</i>	<i>371,428</i>	<i>319,300</i>	<i>496,966</i>	<i>1,470,784</i>	<i>453,356</i>	<i>719,450</i>
	866,583	977,410	1,030,528	2,078,601	1,046,773	1,314,869



Department Responsibility: **Vicente Guerrero III**

Title: **Lab and Cross Connection Control Mgr**

Telephone Ext: **6357**

Dept. No: **1422**

**PERFORMANCE MEASURES
FOR THE
ANALYTICAL LABORATORY DEPARTMENT**

Department Function:

The Analytical Laboratory Department provides accurate and precise laboratory analyses results to the Environmental Protection Agency (EPA), the Texas Commission on Environmental Quality (TCEQ), BPUB's customers, City of Brownsville Health Department, Water Treatment Plants, Wastewater Treatment Plants, Power Plant, Resaca Maintenance and the Distribution System. These analytical analyses are performed in accordance to the EPA, TCEQ, and the National Environmental Laboratory Accreditation Program (NELAP) requirements. We are officially accredited by the NELAP and approved by the EPA and TCEQ to conduct laboratory analyses as a commercial laboratory. All of the analytical analyses performed for compliance are defendable before any United States Judicial Court System.

Department Goals/Objectives:

The Analytical Laboratory Department's objective is to achieve the best analytical analyses through implementation of federal and state laboratory standards, enhance quality assurance and quality control that support current and future accreditation programs, and achieve costs savings through ongoing development and implementation of efficient standard operating procedures.

INPUT MEASURES

Employees (FTE's)
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

Financial Operational Reports Produced (monthly)
TCEQ Daily/Monthly/Quarterly Operational Reports
Annual Water Quality Reports
Daily Operational Reports
Total of Analytical Analyses Conducted

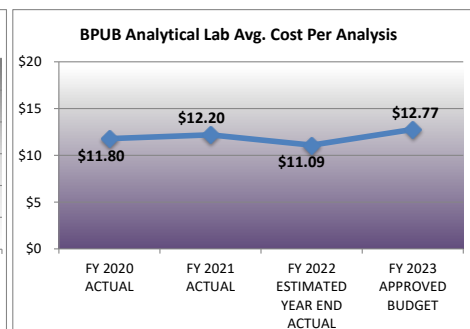
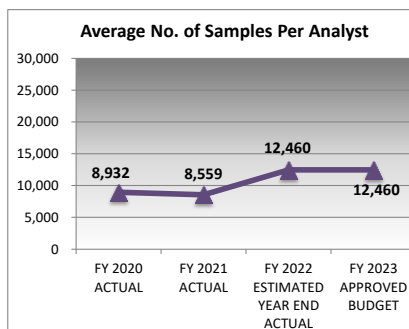
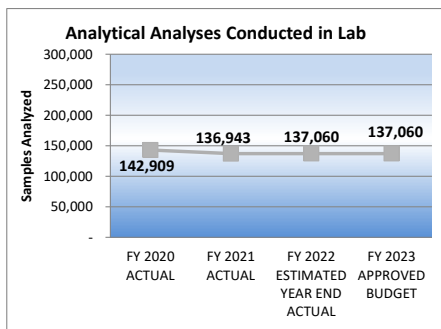
OUTCOME MEASURES

Maintain Quarterly Quality Control Standards
Maintain Quarterly Proficiency Testing Standards
Percentage of Proficiency Testing Evaluated as Acceptable
Compliance with NELAP, EPA & TCEQ Certifications
EPA / TCEQ Compliance Monitoring Schedules

EFFICIENCY MEASURES

BPUB Analytical Lab Average Cost Per Analysis
Average No. of Samples Per Analyst

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
16	16	16	16
\$ 1,111,857	\$ 1,088,778	1,080,771	1,155,748
\$ 573,822	\$ 581,270	\$ 438,614	\$ 595,000
\$ 1,685,679	\$ 1,670,048	\$ 1,519,385	\$ 1,750,748
12	12	12	12
108	96	108	108
52	52	4	4
11,909	11,412	11,385	11,385
142,909	136,943	137,060	137,060
YES	YES	YES	YES
YES	YES	YES	YES
100%	100%	100%	100%
YES/YES/YES	YES/YES/YES	YES/YES/YES	YES/YES/YES
YES/YES	YES/YES	YES/YES	YES/YES
\$ 11.80	\$ 12.20	\$ 11.09	\$ 12.77
8,932	8,559	12,460	12,460



DEPARTMENT 1422 - ANALYTICAL LABORATORY

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 119,990	\$ 160,296	\$ 159,857	\$ 167,207	\$ 167,208	\$ 221,312
6105 Administrative Staff	241,811	250,348	243,076	261,141	172,186	203,008
6110 Clerical staff	35,389	18,519	23,434	25,792	30,763	30,576
6115 Operational staff	271,496	299,163	260,646	296,632	303,458	301,330
6130 Overtime	39,718	30,288	46,097	51,090	46,738	42,254
6201 T.M.R.S.	136,257	135,382	132,284	131,761	127,961	133,096
6205 F.I.C.A.	45,673	45,525	43,445	46,548	43,106	46,886
6210 Medicare	10,682	10,647	10,160	10,886	10,081	10,965
6214 Dental Insurance	7,302	8,660	8,210	9,523	7,454	9,197
6215 Hospitalization insurance	128,036	151,214	157,371	183,364	149,914	183,591
6220 Life Insurance	648	665	629	884	593	895
6221 Long Term Disability Insurance	979	1,369	1,301	1,502	1,237	1,512
6225 Workers Compensation	19,221	19,372	18,670	18,769	18,574	18,906
6230 Vacation leave	4,527	13,757	(8,133)	9,183	(1,119)	9,657
6235 Sick leave	13,403	(33,349)	(8,270)	10,103	2,615	10,625
6260 Vacancy Savings	-	-	-	(35,955)	-	(68,060)
<i>O&M PERSONNEL TOTAL</i>	1,075,132	1,111,857	1,088,778	1,188,430	1,080,771	1,155,748
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	1,634	290	600	25	-
7110 Dues & memberships	2,930	1,992	1,888	2,100	2,027	2,100
7120 Office supplies	5,487	5,213	3,697	5,000	4,984	5,000
7130 Postage/shipping charges	2,729	5,213	1,937	3,700	403	1,000
7140 Training expenses	5,856	3,572	2,911	5,950	6,655	3,500
7145 Travel expenses	9,926	1,513	251	1,700	3,326	3,300
7180 Utilities - departmental	51,853	51,512	50,073	45,000	6,945	10,000
7225 Safety supplies	233	11,254	9,733	8,000	(2,574)	6,000
7293 Chemicals - other	89,446	91,620	73,642	98,000	41,751	83,000
7299 Other materials & supplies	29,499	74,550	105,710	110,000	144,768	80,000
7310 Federal, state, & local fees	3,050	3,300	3,050	3,500	3,050	4,300
7315 Food, meals, ice, water	377	385	237	350	501	-
7325 Rental of equip/storage/land	21,387	24,753	26,714	26,700	22,515	129,500
7335 Wearing apparel & dry goods	6,120	1,262	3,132	5,000	1,362	2,000
7415 Fuels & lubricants	5,958	4,581	7,089	6,000	11,636	12,000
7501 Maint. of buildings & structures	17,133	62,611	47,018	150,000	4,976	-
7645 Maintenance services	152,743	84,761	109,627	125,000	95,802	123,300
7699 Other services	118,246	84,276	70,916	120,000	86,135	100,000
7801 Communication equipment	759	-	-	-	-	-
7805 Computer equipment	800	852	108	1,000	683	-
7806 Software licenses-new	-	4,017	359	4,000	2,953	2,000
7810 Laboratory equipment	73,597	45,317	62,580	50,000	690	27,500
7820 Office furniture & equipment	1,169	9,636	-	650	-	-
7899 Other minor tools & equipment	-	-	308	1,000	-	500
<i>O&M NON-PERSONNEL TOTAL</i>	599,296	573,822	581,270	773,250	438,614	595,000
	1,674,428	1,685,679	1,670,048	1,961,680	1,519,385	1,750,748



Department Responsibility: Juan R. Carrizales

Title: Pretreatment Manager

Telephone Ext: 6253

Dept. No: 1430

**PERFORMANCE MEASURES
FOR THE
PRE-TREATMENT DEPARTMENT**

Department Function:

The Pre-Treatment Department function is to regulate the disposal of pollutants into the wastewater collection system, in order to prevent the introduction of untreated pollutants into the POTW, which will pass through or interfere with the treatment works as specified in the EPA Clean Water Act of 1977 and General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR 403).

Department Goals/Objectives:

The Pre-Treatment Department's objective is to implement sound consistent pre-treatment programs to comply with pre-treatment regulations and prevent enforcement actions from State and Federal agencies.

INPUT MEASURES

Employees (FTE's)
Total O&M Expenses

OUTPUT MEASURES

Operational Reports (monthly)
Number of Significant Ind. Users (SIU)
Number of Users Surcharge
Number of Commercial Users
Pre-treatment Annual Report

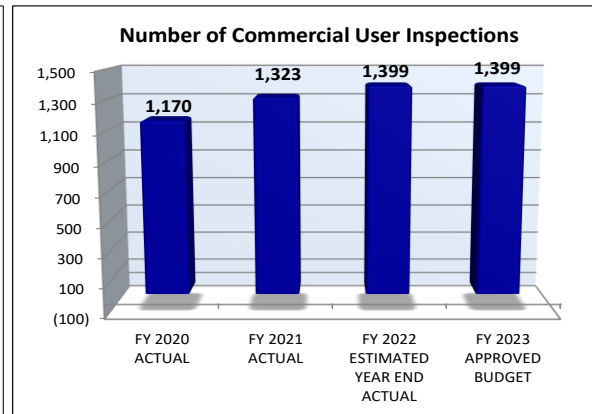
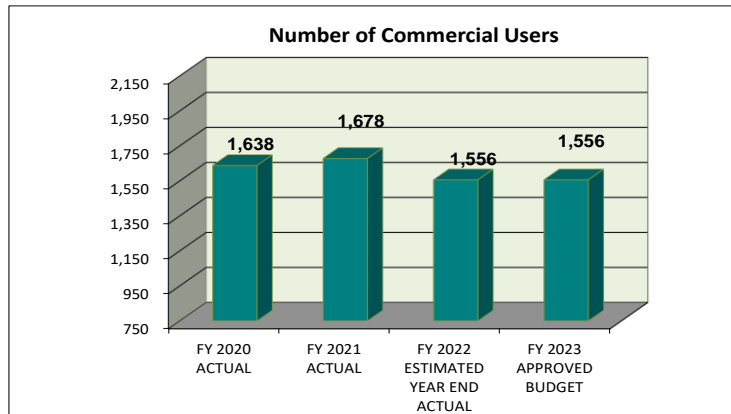
OUTCOME MEASURES

Number of Compliance Inspections for SIU's
Number of Compliance Sampling Events for SIU's
Number of Active Permits
Number of Surcharge Sampling Events
Number of Commercial User Inspections

EFFICIENCY MEASURES

EPA & TCEQ Audits & Inspections Violations
Cost Recovery
Surcharges

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
7	7	7	7
\$ 559,400	\$ 597,004	\$ 629,984	\$ 642,932
12	12	12	12
10	10	10	10
5	5	5	5
1,638	1,678	1,556	1,556
1	1	1	1
10	10	12	10
20	20	24	20
10	10	10	10
36	36	44	44
1,170	1,323	1,399	1,399
0/0/0	0/1/0	0/1/0	0/0/0
\$ 35,023	\$34,480	\$ 41,506	\$ 41,506
\$ 74,301	\$38,773	\$ 61,192	\$ 61,192



DEPARTMENT 1430 – PRE-TREATMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 80,328	\$ 82,849	\$ 82,622	\$ 86,421	\$ 86,661	\$ 86,424
6105 Administrative Staff	135,333	61,855	115,738	121,059	108,466	117,062
6110 Clerical staff	32,466	34,840	37,108	36,538	37,453	36,546
6115 Operational staff	113,385	120,885	119,210	123,920	119,446	122,117
6130 Overtime	9,168	7,607	4,196	8,816	10,236	9,257
6201 T.M.R.S.	65,660	53,823	63,761	64,573	64,490	63,738
6205 F.I.C.A.	21,922	18,287	21,191	22,812	21,734	22,453
6210 Medicare	5,127	4,277	4,956	5,335	5,083	5,251
6214 Dental Insurance	3,458	3,077	3,666	4,038	3,498	4,038
6215 Hospitalization insurance	59,702	52,568	69,191	77,804	71,086	88,025
6220 Life Insurance	354	274	319	428	298	423
6221 Long Term Disability Insurance	532	570	671	736	633	724
6225 Workers Compensation	9,320	7,701	8,982	9,198	9,203	9,054
6230 Vacation leave	2,769	13,937	(3,508)	4,475	4,967	4,625
6235 Sick leave	19,079	2,656	295	4,923	5,482	5,088
6260 Vacancy Savings	-	-	-	(17,521)	-	(32,593)
<i>O&M PERSONNEL TOTAL</i>	<i>558,604</i>	<i>465,207</i>	<i>528,399</i>	<i>553,557</i>	<i>548,736</i>	<i>542,232</i>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	-	-	-	8,000	7,282	5,000
7105 Books & periodicals	-	-	210	200	-	-
7110 Dues & memberships	463	416	591	500	567	500
7120 Office supplies	2,854	3,093	2,380	2,500	2,935	3,500
7130 Postage/shipping charges	129	905	476	250	32	150
7140 Training expenses	3,560	1,935	3,835	4,000	1,775	2,000
7145 Travel expenses	4,948	1,090	-	5,100	1,280	2,000
7147 Mileage Reimbursement (InTownExp)	-	-	-	100	-	50
7215 Laundry & janitorial supplies	130	320	154	500	542	500
7225 Safety supplies	1,623	4,399	6,745	4,500	5,179	4,500
7293 Chemicals - other	1,173	1,886	1,291	2,000	1,014	1,500
7299 Other materials & supplies	5,007	7,993	3,668	7,000	6,862	7,000
7315 Food, meals, ice, water	301	233	198	500	426	-
7325 Rental of equip/storage/land	3,914	4,955	4,911	6,000	(494)	5,000
7335 Wearing apparel & dry goods	4,091	1,800	1,844	4,500	1,592	2,000
7415 Fuels & lubricants	5,148	4,321	5,282	6,000	5,876	6,000
7501 Maint. of buildings & structures	8,795	27,711	10,375	15,000	4,405	15,000
7635 Software maintenance service fees	1,645	1,695	1,745	2,500	1,800	2,000
7645 Maintenance services	4,076	8,196	8,789	10,000	9,462	12,000
7699 Other services	19,969	19,351	12,833	20,000	23,509	25,000
7810 Laboratory equipment	1,775	447	2,814	3,000	6,476	7,000
7820 Office furniture & equipment	838	3,449	464	500	728	-
<i>O&M NON-PERSONNEL TOTAL</i>	<i>70,440</i>	<i>94,193</i>	<i>68,605</i>	<i>102,650</i>	<i>81,248</i>	<i>100,700</i>
	629,044	559,400	597,004	656,207	629,984	642,932



Department Responsibility: **Vicente Guerrero, III**

Title: **Laboratory and Cross Conn Control Mgr**

Telephone Ext: **6357**

Dept. No: **1435**

**PERFORMANCE MEASURES
FOR THE
CROSS CONNECTION CONTROL DEPARTMENT**

Department Function:

The Cross Connection Control Department function is to protect the Public Drinking Water Supply by isolating any plumbing cross-connections in the distribution system that could back flow into the city's water supply system, as specified in the EPA Clean Water Act of 1973 and the RG-478 Establishing and Managing an Effective Cross Connection Program.

Department Goals/Objectives:

The Cross Connection Control Department objectives is to provide guidelines to ensure regulatory requirements promulgated the purpose of protecting the water supply and preventing enforcement actions from State and Federal Agencies.

INPUT MEASURES

Employees (FTE's)

Total O&M Expenses

OUTPUT MEASURES

Number of Facilities

Number of Assemblies - valves

Number of Commercial customers

Number of Residential customers

Number of Industrial customers

OUTCOME MEASURES

Number of Test & Maintenance Reports (TMR)

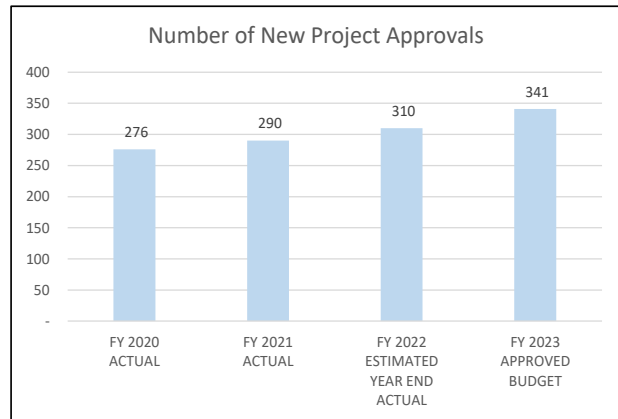
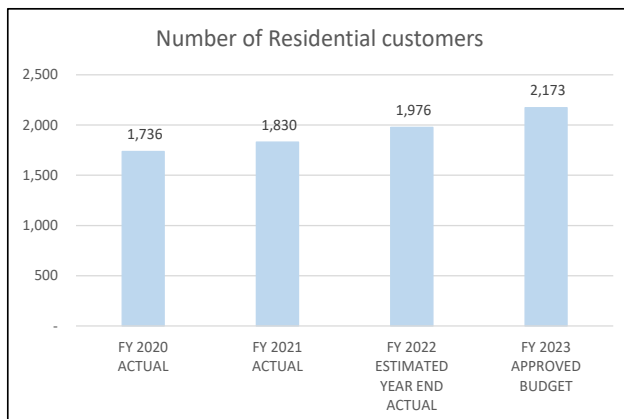
Number of New Project Approvals

Number of Customer Service Inspections (CSI)

EFFICIENCY MEASURES

EPA & TCEQ Audits & Inspections Violations

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
3	3	3	3
\$ 488,168	\$ 483,373	\$ 488,687	\$ 519,801
3,157	3,337	3,531	3,884
5,123	5,418	5,660	6,226
1,337	1,418	1,466	1,612
1,736	1,830	1,976	2,173
84	89	88	92
1,924	2,075	2,483	2,731
276	290	310	341
3,051	3,203	2,159	2,374
0/0/0	0/0/0	0/0/0	0/0/0



DEPARTMENT 1435 – CROSS CONNECTION CONTROL

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6105 Administrative Staff	\$ 54,998	\$ 56,949	\$ 56,794	\$ 36,774	\$ 59,568	\$ 35,643
6115 Operational staff	72,999	77,127	75,718	78,449	74,603	76,794
6130 Overtime	2,340	10,245	10,882	16,164	18,294	16,970
6201 T.M.R.S.	23,087	25,211	25,449	20,222	26,751	19,789
6205 F.I.C.A.	7,528	8,226	8,037	7,144	8,813	6,971
6210 Medicare	1,761	1,924	1,880	1,671	2,061	1,630
6214 Dental Insurance	1,415	1,708	1,782	1,655	1,541	1,453
6215 Hospitalization insurance	27,671	33,339	38,160	37,043	34,598	27,635
6220 Life Insurance	126	123	122	137	117	135
6221 Long Term Disability Insurance	190	253	252	230	243	225
6225 Workers Compensation	3,258	3,608	3,585	2,881	3,812	2,811
6230 Vacation leave	2,312	2,860	1,194	1,388	2,481	1,436
6235 Sick leave	2,479	(8,390)	(1,567)	1,527	1,808	1,580
6260 Vacancy Savings	-	-	-	(5,433)	-	(10,119)
<i>O&M PERSONNEL TOTAL</i>	200,164	213,184	222,285	199,851	234,691	182,951
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	146	-	150	-	-
7110 Dues & memberships	479	336	333	500	1,011	700
7120 Office supplies	795	2,323	800	1,500	1,093	1,000
7130 Postage/shipping charges	50	66	19	50	19	50
7140 Training expenses	2,826	870	6,001	3,500	1,100	3,000
7145 Travel expenses	2,521	391	-	3,000	763	3,000
7147 Mileage Reimbursement (InTownExp)	-	-	-	-	-	-
7215 Laundry & janitorial supplies	104	23	-	100	398	100
7225 Safety supplies	-	1,306	2,059	1,000	697	1,000
7299 Other materials & supplies	8,429	7,153	6,345	26,000	63,374	50,000
7315 Food, meals, ice, water	38	41	145	100	57	-
7325 Rental of equip/storage/land	1,919	321	-	-	-	-
7335 Wearing apparel & dry goods	1,527	577	572	2,000	314	1,000
7635 Software maintenance service fees	-	-	2,288	-	-	-
7645 Maintenance services	3,814	-	590	2,000	1,297	2,000
7699 Other services	35,874	260,056	241,057	375,000	183,682	275,000
7820 Office furniture & equipment	550	1,376	881	500	192	-
<i>O&M NON-PERSONNEL TOTAL</i>	58,926	274,984	261,088	415,400	253,996	336,850
	259,090	488,168	483,373	615,251	488,687	519,801



Department Responsibility: Eduardo Martinez

Title: Health & Safety Manager

Telephone Ext: 6263

Dept. No: 1440

**PERFORMANCE MEASURES
FOR THE
HEALTH & SAFETY DEPARTMENT**

Department Function:

The function of the Health & Safety Department is to provide a safe and healthful work environment for Brownsville PUB employees by planning, developing, managing, and implementing safety and health programs in accordance with local, state, and federal standards.

Department Goals/Objectives:

The Health and Safety Department's objective is to be proactive and identify potential hazards and mediate them before the employee is injured. To properly train and educate the employees of the importance of safety equipment and safety procedures in order to maintain a safe working environment. If an injury is sustained, then the Health and Safety Department must make sure that the injured employee is given the best medical care available and enable the injured employee to return to work within a timely manner.

INPUT MEASURES

Employees (FTE)

Total O&M Expenses

OUTPUT MEASURES

Safety Training Reports

Crew Visit Inspections

Number of Training Sessions Held

OUTPUT MEASURES

Number of Trainings Attended by Employees

Total Number of Training Hours

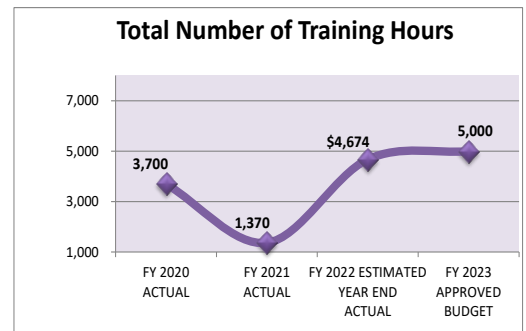
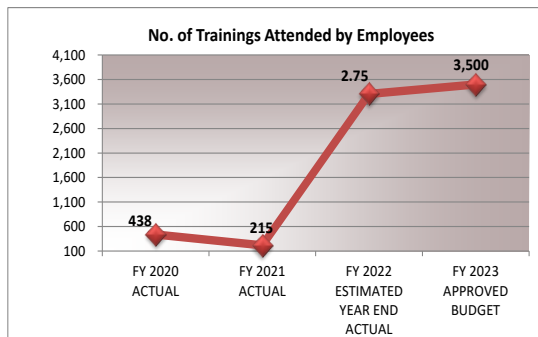
EFFICIENCY MEASURES

Cost of Training Hour

Cost per Employee Attendee

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
4	4	4	4
\$ 827,400	\$ 692,345	\$ 583,644	\$ 842,401
12	52	12	12
750	750	232	260
102	1,370	86	100
438	215	3,305	3,500
3,700	1,370	4,674	5,000
20.00	11.53	9.76	15.00
70.00	73.48	13.80	50.00

*(Decrease in FY 2021 due to COVID -19. H&S did not conduct in-person training. All Training was done online)



DEPARTMENT 1440 – HEALTH AND SAFETY

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 80,053	130,963	136,088	\$ 195,132	\$ 146,876	\$ 146,474
6105 Administrative Staff	190,058	113,561	64,081	-	37,135	44,907
6110 Clerical staff	28,898	29,806	29,073	30,096	30,379	30,098
6130 Overtime	58	9	333	1,034	230	977
6201 T.M.R.S.	54,619	50,660	41,121	39,527	37,927	38,980
6205 F.I.C.A.	18,148	17,245	13,605	13,964	12,680	13,732
6206 Suta	-	-	3,182	3,266	-	3,211
6210 Medicare	4,244	4,033	2,269	2,261	2,965	2,587
6214 Dental Insurance	2,579	2,604	39,808	38,206	2,474	46,843
6215 Hospitalization insurance	46,305	45,436	201	258	39,435	256
6220 Life Insurance	285	238	437	450	183	443
6221 Long Term Disability Insurance	416	515	5,792	5,631	392	5,537
6225 Workers Compensation	7,713	7,248	7,549	2,769	5,478	2,828
6230 Vacation leave	2,550	8,485	474	3,046	(6,005)	3,112
6235 Sick leave	12,291	(25,747)	-	-	(4,820)	-
6240 Educational assistance	-	-	-	-	2,764	-
6260 Vacancy Savings	-	-	-	(10,841)	-	(19,933)
<i>O&M PERSONNEL TOTAL</i>	448,217	385,055	344,010	324,798	308,094	320,051
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	123	235	1,216	1,000	1,790	4,000
7110 Dues & memberships	1,461	6,195	195	2,400	2,788	2,100
7115 Educational material	15,505	-	-	7,850	-	-
7120 Office supplies	2,966	1,873	3,792	2,000	2,177	2,000
7125 Photo equipment/supplies	-	-	-	550	21	10,150
7130 Postage/shipping charges	76	72	90	400	129	400
7135 Telephone expenses	4,201	4,199	5,133	5,250	4,998	18,600
7140 Training expenses	595	-	19,200	5,000	12,368	14,200
7145 Travel expenses	680	-	-	-	4,259	10,000
7220 Medical supplies	306	-	-	250	177	3,000
7225 Safety supplies	343	42,160	2,669	3,000	13,391	7,000
7299 Other materials & supplies	17,868	19,028	13,428	22,700	519	4,700
7315 Food, meals, ice, water	979	296	3,767	2,500	1,142	-
7320 Official functions	4,709	-	-	-	-	-
7322 Recognition Program	29,697	31,633	23,190	30,000	13,919	46,000
7325 Rental of equip/storage/land	3,592	4,156	1,990	6,600	988	7,000
7415 Fuels & lubricants	4,011	2,949	4,215	4,200	9,214	7,200
7635 Software maintenance service fees	26,282	29,544	20,229	30,000	27,062	30,000
7645 Maintenance services	20,304	36,851	-	35,000	-	34,500
7650 Security services	626,157	178,702	-	-	-	-
7699 Other services	137,726	81,588	221,434	156,000	135,651	306,000
7805 Computer equipment	-	873	-	5,000	-	3,500
7806 Software licenses-new	-	1,990	20,755	12,000	4,486	5,000
7820 Office furniture & equipment	310	-	-	-	-	-
7899 Other minor tools & equipment	5,232	-	7,029	5,700	40,471	7,000
<i>O&M NON-PERSONNEL TOTAL</i>	903,123	442,345	348,335	337,400	275,550	522,350
	1,351,340	827,400	692,345	662,198	583,644	842,401



Department Responsibility: **Arnulfo Mejia, P.E.**
 Title: **Substations & Relaying Manager**
 Telephone Ext: **6327**
 Dept. No: **2120**

**PERFORMANCE MEASURES
FOR THE
SUBSTATIONS AND RELAYING DEPARTMENT**

Department Function:

The function of the Substations and Relaying Department is the daily operation, maintenance, and attention to any emergencies in the Substations.

Department Goals/Objectives:

The goal for the Substations and Relaying Department is to be the leader in providing reliable means of power transmission and distribution by maintaining all substation instrumentation and equipment in good working condition.

INPUT MEASURES

Employees (FTEs)
 Total O&M Expenses
 No. of Substations
 Total Power-Transformers Capacity (MVA)

OUTPUT MEASURES

Power Transformers, Test & Maintenance
 138 KV Breakers, Test & Maintenance
 12.5 KV Breakers, Test & Maintenance

OUTCOME MEASURES

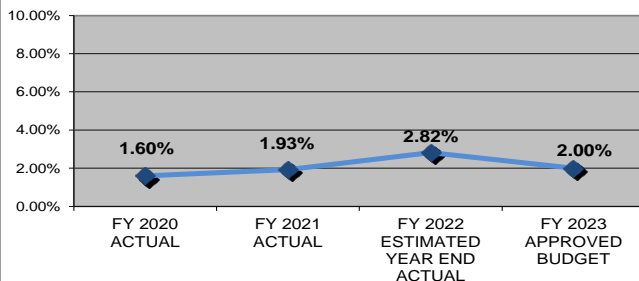
Comply With ERCOT, NERC
 Monthly Substation Inspections
 Battery Banks Inspection & Maintenance
 Relay Testing and Documentation (comply with PRC-005-6)
 Collect Fault Data and Evaluate System Grid Integrity

EFFICIENCY MEASURES

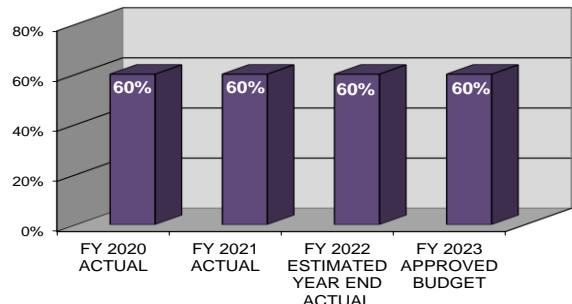
Outages in Substations
 Optimization of Existing Transmission Lines
 NERC Audits Violations
 Maintenance Reports
 New Connections

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
23	23	23	13
\$ 2,212,968	\$ 2,256,460	\$ 2,177,691	\$ 2,061,117
15	15	15	15
700	700	700	700
10	8	9	10
7	12	11	10
50	22	20	20
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
1.60%	1.93%	2.82%	2.00%
60%	60%	60%	60%
0%	0%	0%	0%
100%	100%	100%	100%
1,280	1,124	1,286	1,300

Outages in Substations



Optimization of Existing Transmission Lines



DEPARTMENT 2120 – SUBSTATIONS AND RELAYING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 112,251	\$ 125,821	\$ 115,905	\$ 121,234	\$ 121,576	\$ 121,243
6110 Clerical staff	33,272	24,898	30,329	31,690	32,004	31,699
6115 Operational staff	856,584	941,022	890,801	945,806	942,184	919,121
6130 Overtime	66,493	111,716	116,631	85,328	105,253	92,389
6201 T.M.R.S.	228,583	230,270	221,469	192,827	229,469	188,683
6205 F.I.C.A.	63,664	74,440	73,570	68,121	75,163	66,468
6206 Suta	-	2,691	-	-	-	-
6210 Medicare	14,889	17,409	17,206	15,932	17,579	15,545
6214 Dental Insurance	9,282	10,663	10,434	11,260	10,379	11,646
6215 Hospitalization insurance	158,240	180,214	198,943	217,670	201,503	227,513
6220 Life Insurance	909	927	898	1,268	943	1,247
6221 Long Term Disability Insurance	1,462	2,007	1,906	2,197	2,022	2,144
6225 Workers Compensation	26,834	31,188	30,816	27,468	31,275	26,802
6230 Vacation leave	5,608	25,053	20,648	12,759	(14,353)	13,690
6235 Sick leave	1,261	(22,150)	6,865	14,038	(39,499)	15,062
6250 Miscellaneous personnel benefits	495	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(49,958)	-	(96,486)
<i>O&M PERSONNEL TOTAL</i>	<i>1,579,828</i>	<i>1,756,170</i>	<i>1,736,422</i>	<i>1,697,641</i>	<i>1,715,497</i>	<i>1,636,767</i>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	354	434	307	350	679	600
7120 Office supplies	2,656	380	3,200	1,500	998	1,000
7130 Postage/shipping charges	331	405	1,888	500	800	600
7140 Training expenses	3,520	-	-	11,200	2,863	7,100
7145 Travel expenses	2,360	114	-	10,200	1,031	6,400
7180 Utilities - departmental	117,803	133,862	127,786	100,000	133,501	130,000
7190 Utilities - CP&L & Mvec	-	-	769	500	777	900
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	350	-	250
7215 Laundry & janitorial supplies	159	55	-	150	-	250
7225 Safety supplies	6,153	7,134	10,902	7,000	6,382	3,500
7293 Chemicals - other	1,276	11,942	1,764	7,000	5,945	3,500
7299 Other materials & supplies	46,490	94,324	81,610	79,950	60,820	53,500
7315 Food, meals, ice, water	312	324	-	350	505	-
7325 Rental of equip/storage/land	9,634	7,289	50,668	39,950	23,894	26,000
7335 Wearing apparel & dry goods	29,979	11,295	7,635	7,500	9,145	7,500
7415 Fuels & lubricants	20,590	18,627	32,859	20,000	38,545	35,000
7501 Maint. of buildings & structures	5,564	5,460	1,051	6,000	15,471	15,000
7505 Maint. of communication equipment	106	234	828	500	176	750
7540 Maint. of line transformers	48,465	57,187	87,365	50,000	54,755	50,000
7550 Maint. of overhead lines	-	4,236	-	-	-	-
7555 Maint. of station equipment	24,624	28,009	66,855	40,000	54,909	50,000
7570 Maint. of underground lines	23,558	6,353	1,317	-	-	-
7599 Maintenance / other	1,051	250	-	-	-	-
7645 Maintenance services	-	10,380	194	10,000	1,879	2,000
7699 Other services	6,379	17,026	6,996	10,000	22,259	9,000
7805 Computer equipment	-	6,357	92	2,500	328	2,500
7806 Software licenses-new	2,000	6,400	2,780	5,000	-	2,000
7820 Office furniture & equipment	378	585	115	400	805	-
7835 Tools, shop and garage equipment	15,473	14,296	16,288	10,000	11,611	5,000
7899 Other minor tools & equipment	9,909	13,837	16,769	12,000	14,116	12,000
<i>O&M NON-PERSONNEL TOTAL</i>	<i>379,122</i>	<i>456,798</i>	<i>520,038</i>	<i>432,900</i>	<i>462,194</i>	<i>424,350</i>
	1,958,950	2,212,968	2,256,460	2,130,541	2,177,691	2,061,117



Department Responsibility: Eli Alvarez

Title: Area Manager

Telephone Ext: 6323

Dept. No: 2130

**PERFORMANCE MEASURES
FOR THE
ELECTRIC TRANSMISSION AND DISTRIBUTION CONSTRUCTION AND MAINTENANCE DEPARTMENT**

Department Function:

Responsible for the operation, construction and maintenance of the electrical system in order to provide safe, timely, and reliable service. Also responsible for the transmission and distribution of electric power from the internal and external power sources to the customer.

Department Goals/Objectives:

Provide the best reliable and efficient power in the safest manner to our customers.

INPUT MEASURES

Staff

O&M Expenses

OUTPUT MEASURES

Street/Security Lights Repairs

Miles of Line Washed

Set/Replace Transformers

Set/Replace Poles

Locate/Repair Underground Residential

Distribution Faults

Work orders Completed

General Service Request Closed

EFFICIENCY MEASURES

Install Street / Security Lights

New Connections

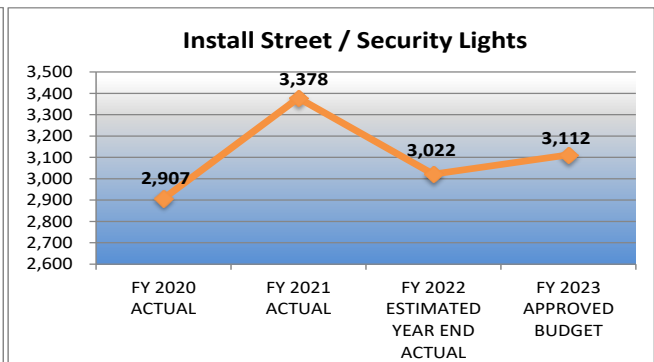
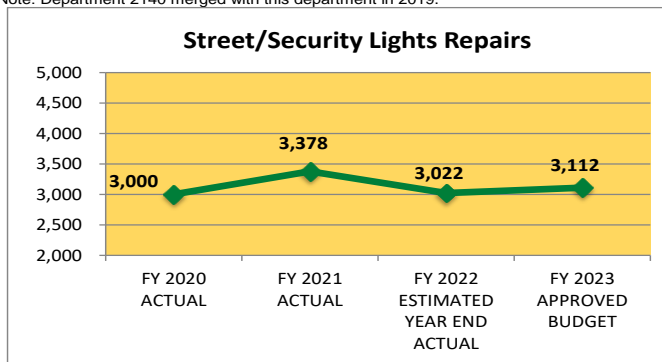
Average Power Restoration Time per Outage (hrs.)

Average time of Street Light Repair (Cal. Days)

Average time of Security Light Repair (Cal. Days)

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
Staff	50	50	49	58
O&M Expenses	\$ 4,128,131	\$ 3,745,296	\$ 4,766,423	\$ 4,078,084
Street/Security Lights Repairs	3,000	3,378	3,022	3,112
Miles of Line Washed	55	40	50	52
Set/Replace Transformers	500	710	410	422
Set/Replace Poles	400	674	556	573
Locate/Repair Underground Residential	245	280	324	334
Distribution Faults	250	353	295	304
Work orders Completed	11,000	11,000	12,700	13,081
General Service Request Closed				
Install Street / Security Lights	2,907	3,378	3,022	3,112
New Connections	1,100	1,200	1,400	1,442
Average Power Restoration Time per Outage (hrs.)	2	3	3	3
Average time of Street Light Repair (Cal. Days)	5	5	9	9
Average time of Security Light Repair (Cal. Days)	5	5	4	4

Note: Department 2140 merged with this department in 2019.



**DEPARTMENT 2130 - ELECTRIC TRANSMISSION AND DISTRIBUTION
CONSTRUCTION AND MAINTENANCE**

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 93,062	\$ 96,354	\$ 96,090	\$ 100,508	\$ 75,173	\$ 100,506
6105 Administrative Staff	-	-	51,401	70,676	99,377	26,822
6110 Clerical staff	17,585	18,281	13,524	15,135	14,846	14,446
6115 Operational staff	1,256,487	1,259,603	1,093,801	1,470,593	1,549,758	1,502,168
6130 Overtime	85,480	134,010	140,283	101,209	177,894	126,730
6140 Severance Pay	-	5,068	-	-	-	-
6201 T.M.R.S.	409,814	420,352	408,074	290,788	460,964	289,334
6205 F.I.C.A.	84,531	91,207	83,128	102,729	113,971	98,992
6206 Suta	-	2,232	-	-	-	-
6210 Medicare	19,771	21,330	19,441	24,025	26,655	26,083
6214 Dental Insurance	15,406	18,565	17,288	21,057	19,619	20,708
6215 Hospitalization insurance	280,548	322,881	334,207	413,147	396,680	413,490
6220 Life Insurance	1,250	1,208	1,160	1,928	1,418	1,918
6221 Long Term Disability Insurance	1,927	2,502	2,410	3,314	3,007	3,288
6225 Workers Compensation	36,829	41,104	37,377	41,423	48,863	41,099
6230 Vacation leave	534	42,648	15,111	17,557	71,847	20,993
6235 Sick leave	(988)	(53,072)	(8,497)	19,317	72,699	23,097
6250 Miscellaneous personnel benefits	35	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(68,744)	-	(147,955)
<i>O&M PERSONNEL TOTAL</i>	<u>2,302,270</u>	<u>2,424,275</u>	<u>2,304,797</u>	<u>2,624,662</u>	<u>3,132,769</u>	<u>2,561,718</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	15	-	332	-	-	-
7110 Dues & memberships	770	565	1,677	1,200	828	1,200
7120 Office supplies	2,552	4,369	3,093	1,500	5,140	4,500
7130 Postage/shipping charges	1,041	1,289	3,651	3,000	219	1,566
7140 Training expenses	-	11,900	480	4,000	71,122	52,000
7145 Travel expenses	134	324	218	200	461	200
7180 Utilities - departmental	1,342	1,290	1,318	1,000	1,521	1,000
7203 Sand, Caliche, Gravel, Concrete etc	2,201	425	1,407	500	2,063	500
7205 Lamps, globes & flares	8,510	7,504	659	800	-	-
7210 Landscaping/Trade a Tree Program	118	75	-	-	-	-
7225 Safety supplies	29,494	36,752	23,798	22,000	25,010	22,000
7299 Other materials & supplies	100,501	100,645	119,975	120,000	147,432	116,000
7315 Food, meals, ice, water	1,636	1,745	123	200	1,163	-
7325 Rental of equip/storage/land	3,749	5,548	6,411	4,600	(602)	2,600
7335 Wearing apparel & dry goods	72,002	23,448	24,866	16,000	25,516	16,000
7415 Fuels & lubricants	110,283	92,228	116,727	100,000	167,302	150,000
7430 Tires	-	-	-	-	123	-
7505 Maint. of communication equipment	-	-	14,971	-	500	500
7525 Maint. of boiler plant	-	193	-	-	-	-
7535 Maint. of electric plant	-	508	49	-	-	500
7540 Maint. of line transformers	44,938	32,038	28,651	20,500	36,452	38,000
7550 Maint. of overhead lines	154,722	113,477	54,324	60,800	117,800	64,800
7565 Maint. of street lighting & signals	390,616	886,506	773,846	649,115	781,904	864,900
7570 Maint. of underground lines	41,861	22,380	40,766	75,000	26,058	40,300
7599 Maintenance / other	9,858	3,193	1,019	850	13,126	10,800
7645 Maintenance services	-	125	-	-	-	-
7650 Security services	-	-	-	500	-	-
7699 Other services	3,796	36,958	33,158	35,000	33,867	30,000
7801 Communication equipment	469	198	1,062	500	25	-
7805 Computer equipment	202	-	184	-	1,007	-
7820 Office furniture & equipment	-	-	959	500	-	-
7835 Tools, shop and garage equipment	32,035	36,422	46,128	24,700	46,039	30,000
7899 Other minor tools & equipment	135,453	283,751	140,647	75,000	129,580	69,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>1,148,297</u>	<u>1,703,856</u>	<u>1,440,499</u>	<u>1,217,465</u>	<u>1,633,654</u>	<u>1,516,366</u>
	<u>3,450,567</u>	<u>4,128,131</u>	<u>3,745,296</u>	<u>3,842,127</u>	<u>4,766,423</u>	<u>4,078,084</u>



Department Responsibility: **Robert Avila**

Title: **Energy System Operations Manager**

Telephone Ext: **6319**

Dept. No: **2150**

**PERFORMANCE MEASURES
FOR THE
ENERGY CONTROL CENTER OPERATIONS DEPARTMENT**

Department Function:

Energy Control Center Operations is responsible for several functions at Brownsville PUB. 1. The safe and reliable operation of Brownsville PUB's bulk electric system in compliance with NERC Reliability Standards, ERCOT Nodal Guides and Protocols. 2. Coordinate actions between ERCOT and neighboring entities during normal and emergency operations. 3. Nominate fuel and arrange for the transportation of fuel to Silas Ray power plant. 4. Coordinate transmission outages within Brownsville PUB as well as with neighboring entities and ERCOT. 5. Receive customer trouble call requests in Cityworks and dispatch said requests to the Electric, Water and Wastewater departments as needed. 6. Keep management informed of situations and outages affecting Brownsville PUB systems 24 hours a day, seven days a week. 7. Perform duties of the Customer Service Department after normal business hours.

Department Goals/Objectives:

Perform all actions in a safe, reliable, and efficient manner while providing excellent customer service.

INPUT MEASURES

Employees

Total O&M Expenses

OUTPUT MEASURES

Operational Reports (daily)

Electrical Service Requests Dispatched

Water Service Requests Dispatched

Wastewater Service Requests Dispatched

SCADA Service Requests Dispatched

OUTCOME MEASURES

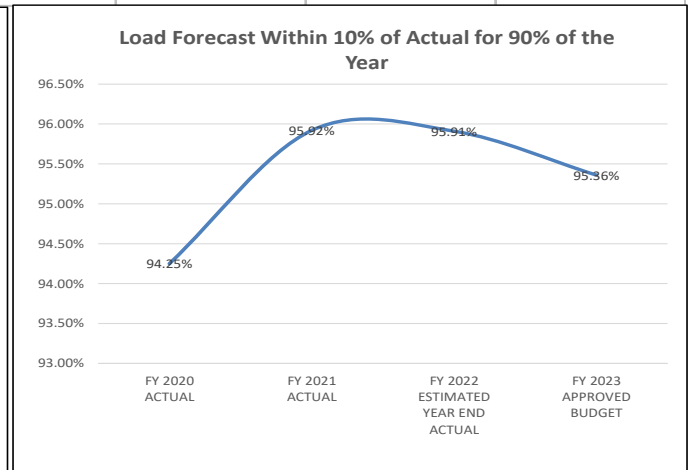
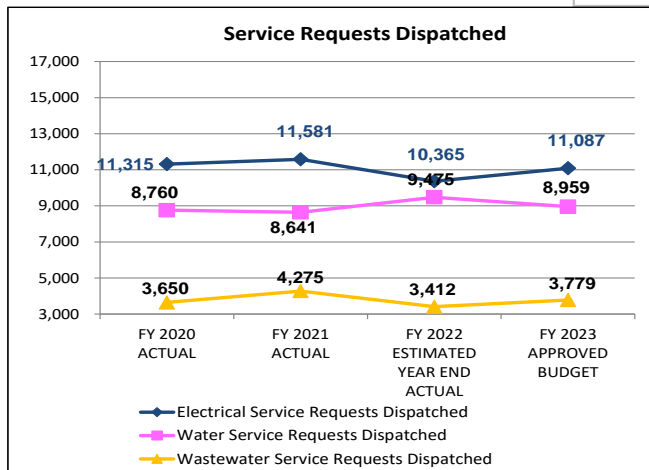
Fatalities or Injuries as a Result of Switching

All Certified Operators Maintain NERC Certification

EFFICIENCY MEASURES

Load Forecast Within 10% of Actual for 90% of the Year

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
15	15	15	15
\$ 1,455,702	\$ 1,584,422	\$ 1,915,999	\$ 1,847,847
14	14	11	11
11,315	11,581	10,365	11,087
8,760	8,641	9,475	8,959
3,650	4,275	3,412	3,779
122	85	80	96
None	None	None	None
Yes	Yes	Yes	Yes
94.25%	95.92%	95.91%	95.36%



DEPARTMENT 2150 - ENERGY CONTROL CENTER OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 105,360	\$ 109,084	\$ 108,785	\$ 113,786	\$ 114,109	\$ 113,797
6110 Clerical staff	66,201	48,977	48,252	75,588	78,994	75,587
6115 Operational staff	771,547	807,665	771,958	950,209	977,374	984,422
6130 Overtime	66,562	73,569	108,539	79,749	110,202	115,105
6201 T.M.R.S.	181,279	183,026	184,690	199,997	225,056	206,590
6205 F.I.C.A.	60,457	61,529	60,828	70,654	75,388	72,776
6210 Medicare	14,139	14,390	14,226	16,524	17,631	17,020
6214 Dental Insurance	8,142	9,141	8,564	10,591	9,271	10,917
6215 Hospitalization insurance	141,612	156,334	166,373	208,898	189,369	224,363
6220 Life Insurance	849	809	771	1,265	910	1,303
6221 Long Term Disability Insurance	1,358	1,787	1,715	2,279	2,071	2,348
6225 Workers Compensation	25,629	26,238	26,030	28,490	32,116	29,345
6230 Vacation leave	3,279	18,504	9,169	12,438	10,861	14,990
6235 Sick leave	(11,276)	(99,378)	11,099	13,685	5,360	16,492
6260 Vacancy Savings	-	-	-	(48,700)	-	(105,643)
<i>O&M PERSONNEL TOTAL</i>	1,435,139	1,411,674	1,520,998	1,735,453	1,848,713	1,779,412
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	1,897	2,000	400	2,000	3,340	2,450
7120 Office supplies	2,075	2,242	1,470	2,000	1,859	1,500
7130 Postage/shipping charges	64	7	30	75	-	75
7140 Training expenses	24,340	13,145	40,630	30,000	20,200	25,000
7145 Travel expenses	15,487	1,882	-	20,000	29	26,910
7180 Utilities - departmental	10,672	9,744	8,415	7,000	2,865	-
7225 Safety supplies	-	2,695	4,213	6,500	1,854	4,000
7299 Other materials & supplies	537	1,056	110	600	443	600
7315 Food, meals, ice, water	502	428	370	750	716	500
7325 Rental of equip/storage/land	4,867	3,535	3,725	5,200	593	4,000
7501 Maint. of buildings & structures	142	306	3,837	-	-	-
7505 Maint. of communication equipment	388	1,231	-	500	2,758	-
7645 Maintenance services	130	130	-	200	225	-
7699 Other services	1,275	600	225	500	150	400
7801 Communication equipment	-	-	-	-	10,392	-
7805 Computer equipment	370	940	-	1,000	16,597	1,000
7806 Software licenses-new	-	-	-	800	4,966	1,000
7820 Office furniture & equipment	2,258	2,144	-	-	-	-
7899 Other minor tools & equipment	274	1,944	-	1,000	297	1,000
<i>O&M NON-PERSONNEL TOTAL</i>	65,277	44,028	63,424	78,125	67,286	68,435
	1,500,416	1,455,702	1,584,422	1,813,578	1,915,999	1,847,847



Department Responsibility: Elias Quintero Jr.

Title: SCADA & Electrical
Support Services Mgr.

Telephone Ext: 6325

Dept. No: 2210

**PERFORMANCE MEASURES
FOR THE
SCADA & ELECTRICAL SUPPORT SERVICES DEPARTMENT**

Department Function:

SCADA & Electrical Support Services Department is responsible for planning, organizing, installing, implementing, preventive and corrective maintenance, and repair of all equipment associated with the Water/Wastewater/Lift Station Supervisory Control and Data Acquisition (SCADA) systems and the Electric SCADA systems. This includes all electrical motors, emergency generators, motor control centers and switchgear; electrical, pneumatic and hydraulic controls and instrumentation; communication devices, telemetry, fiber optic systems, Remote Terminal Units, cyber security appliances, routers, network switches, computer servers and workstations, and computer network monitoring tools. This equipment is located in different parts of the utility including the Energy Control Center, Backup Control Center, Water Plants, Wastewater Plants, Lift Stations, water distribution pressure points, water elevated storage tanks, SRWA water wells, and river pumps. The Department is also involved in meeting the compliance requirements for the Texas Commission on Environmental Quality, Environmental Protection Agency, and North American Electric Reliability Corporation.

Department Goals/Objectives:

The objective of the department is to ensure the reliable operation of the Electrical SCADA system and the Water/Wastewater/Lift Station SCADA system.

INPUT MEASURES

Employees
O&M Personnel Expenses
O&M Non-Personnel Expenses
Instrumentation Locations of the Electric SCADA System
Miles of Fiber Maintained
Instrumentation Locations of the W/WW SCADA System
Instrumentation Locations of the Lift Stations

OUTPUT MEASURES

Number of Service Requests For Electric SCADA System
Number of Service Requests For W/WW SCADA System
Number of Service Requests For Lift Stations
Back-Up Generator Maintenance
Invoices/Transactions Processed & Contracts Maintained

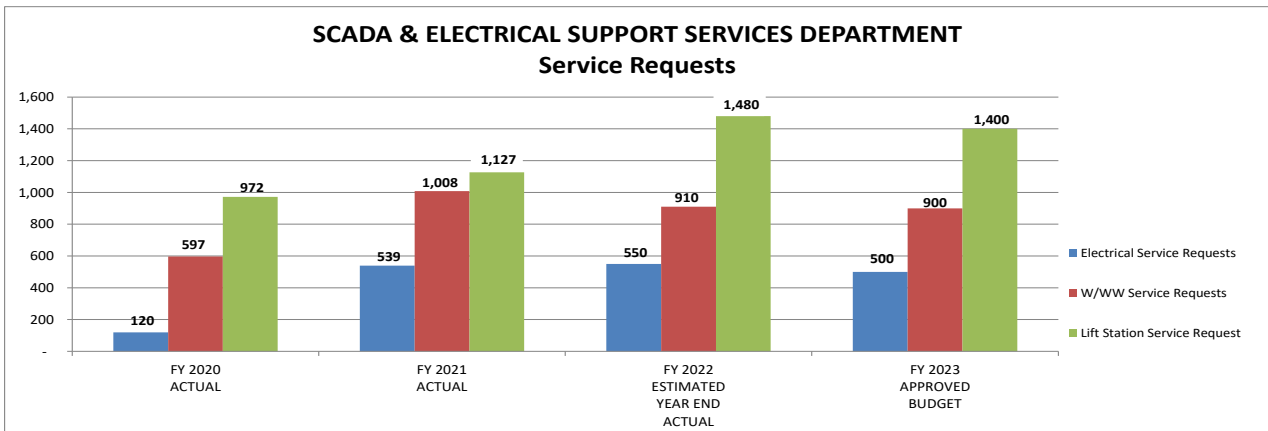
OUTCOME MEASURES

Number of Service Requests For Electric SCADA System Completed
Number of Service Requests For W/WW SCADA System Completed
Number of Service Requests For Lift Stations Completed

EFFICIENCY MEASURES

% Number of Service Requests For Electric SCADA System
% Number of Service Requests For W/WW SCADA System
% Number of Service Requests For Lift Stations

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
23	23	23	23
\$ 1,838,623	\$ 1,675,227	\$ 1,875,632	\$ 1,934,475
\$ 1,269,856	\$ 1,362,105	\$ 1,519,055	\$ 1,436,980
45	46	46	47
100	100	100	100
100	100	445	445
185	185	185	185
120	539	550	500
597	1,008	910	900
972	1,127	1,480	1,400
23	30	30	30
450	900	1,200	1,200
103	524	535	500
562	996	700	900
950	1,127	1,200	1,400
86%	97%	97%	100%
94%	99%	77%	100%
98%	100%	81%	100%



DEPARTMENT 2210 – SCADA & ELECTRICAL SUPPORT SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 264,122	\$ 294,724	\$ 306,675	\$ 441,815	\$ 334,577	\$ 403,083
6105 Administrative Staff	204,473	271,177	154,548	173,497	247,313	231,234
6110 Clerical staff	33,751	34,815	34,687	35,206	36,285	35,214
6115 Operational staff	546,267	591,588	545,341	620,630	582,891	620,506
6130 Overtime	44,849	87,426	68,634	63,250	67,670	75,693
6201 T.M.R.S.	212,161	238,209	210,048	223,087	228,598	227,046
6205 F.I.C.A.	64,965	77,333	68,407	78,811	77,158	79,982
6210 Medicare			15,998	18,432	18,045	18,706
6214 Dental Insurance	10,161	12,308	10,772	14,136	11,318	12,799
6215 Hospitalization insurance	191,061	228,187	213,462	282,110	235,224	275,397
6220 Life Insurance	990	1,037	920	1,463	1,005	1,489
6221 Long Term Disability Insurance	1,562	2,218	1,969	2,542	2,170	2,580
6225 Workers Compensation	27,938	32,747	29,029	31,779	32,432	32,251
6230 Vacation leave	17,794	21,800	11,868	15,537	(1,766)	16,474
6235 Sick leave	21,047	(54,948)	2,871	17,094	2,710	18,125
6250 Miscellaneous personnel benefits	438	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(60,833)	-	(116,103)
<i>O&M PERSONNEL TOTAL</i>	<i>1,641,577</i>	<i>1,838,623</i>	<i>1,675,227</i>	<i>1,958,555</i>	<i>1,875,632</i>	<i>1,934,475</i>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	1,399	941	548	900	465	930
7120 Office supplies	4,546	3,651	3,028	3,000	2,770	3,000
7130 Postage/shipping charges	574	1,206	520	600	1,219	800
7140 Training expenses	4,919	11,404	16,796	10,000	16,603	10,000
7145 Travel expenses	7,095	6,279	-	1,800	2,843	3,500
7180 Utilities - departmental	2,270	1,998	2,091	2,000	1,334	2,000
7225 Safety supplies	13,113	25,160	21,374	15,000	6,399	15,000
7299 Other materials & supplies	274,743	406,403	447,109	350,000	477,433	410,000
7304 Hurricane Preparedness Expenses	260,754	313,809	225,399	265,000	271,690	280,000
7305 ERCOT expenses	88,215	114,649	127,235	122,000	109,944	133,500
7310 Federal, state, & local fees	374	696	745	750	250	750
7315 Food, meals, ice, water	2,807	2,529	342	2,000	2,477	500
7325 Rental of equip/storage/land	230	163	491	500	(588)	1,000
7335 Wearing apparel & dry goods	17,975	8,184	11,930	10,000	11,465	10,000
7415 Fuels & lubricants	26,806	25,563	31,312	26,000	43,116	30,000
7501 Maint. of buildings & structures	5,598	12,151	13,716	10,000	11,126	15,000
7505 Maint. of communication equipment	609	3,361	514	5,000	-	5,000
7605 Engineering fees	-	-	59,438	50,000	-	50,000
7635 Software maintenance service fees	98,298	63,965	90,774	106,000	110,805	95,000
7645 Maintenance services	185,658	186,711	256,532	340,000	400,694	300,000
7801 Communication equipment	16,944	11,276	5,032	10,000	381	5,000
7805 Computer equipment	15,733	18,183	23,042	20,000	19,304	20,000
7806 Software licenses-new	18,646	27,177	6,920	16,000	7,698	26,000
7820 Office furniture & equipment	6,532	4,720	900	1,000	673	-
7899 Other minor tools & equipment	26,437	19,679	16,320	18,000	20,955	20,000
<i>O&M NON-PERSONNEL TOTAL</i>	<i>1,080,276</i>	<i>1,269,856</i>	<i>1,362,105</i>	<i>1,385,550</i>	<i>1,519,055</i>	<i>1,436,980</i>
	2,721,853	3,108,479	3,037,332	3,344,105	3,394,687	3,371,455



Department Responsibility: Rolando Lozano, P.E.

Title: Power Plant Manager

Telephone Ext: 6404

Dept. No. 2220

**PERFORMANCE MEASURES
FOR THE
POWER PRODUCTION DEPARTMENT**

Department Function:

This department is responsible for the operation of the Brownsville PUB wholly owned Silas Ray Power Station. It also administers and tracks 22.742% share of BPUB interest in the Calpine, Hidalgo Energy Center, a combined cycle operation located in Edinburg, Texas. In total, this department oversees the production aspect of approximately 223 megawatts in generating capacity.

Department Goals/Objectives:

Department goals are to improve demand and availability for production through improved performance and efficiency.

INPUT MEASURES

Employees (FTE's)
Overtime (Hours)
O&M Personnel Expenses
O&M Non-Personnel Expenses

OUTPUT MEASURES

Generation Produced (GWH)
Availability (%)

OUTCOME MEASURES - Silas Ray

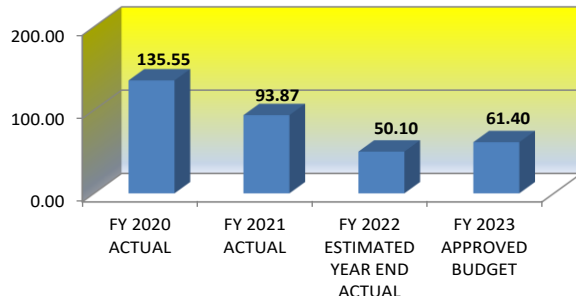
Revenue, Gross
Other Revenue (\$ for Contract Services)

EFFICIENCY MEASURES

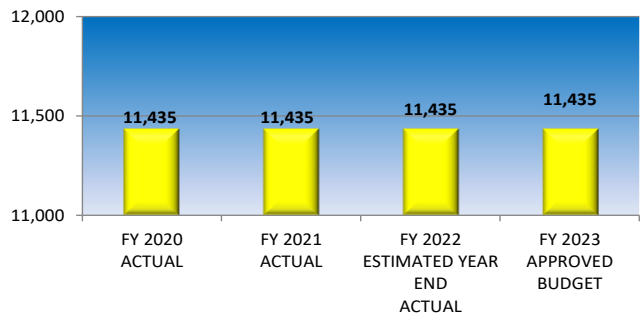
Plant Heat Rate (BTU/ KWH @ 1040 HHV)
Reliability (%)

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
27	27	28	27
1,728	3,322	3,682	3,682
\$ 2,254,534	\$ 2,327,999	\$ 2,471,183	\$ 2,370,254
\$ 8,036,504	\$ 4,329,544	\$ 6,084,174	\$ 6,151,440
135.55	93.87	50.10	61.40
88%	67%	48%	51%
\$ 13,555,000	\$ 10,748,115	\$ 7,209,390	\$ 8,835,460
\$ -	\$ -	\$ -	\$ -
11,435	11,435	11,435	11,435
90.45%	68.15%	97.33%	97.33%

Generation Produced (GWH)



Plant Heat Rate (BTU/ KWH @ 1040 HHV)



DEPARTMENT 2220 - POWER PRODUCTION

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 251,722	\$ 282,195	\$ 313,687	\$ 355,599	\$ 229,718	\$ 251,805
6105 Administrative Staff	119,291	115,541	142,548	149,102	149,504	149,094
6110 Clerical staff	26,062	26,351	27,182	27,955	16,352	27,082
6115 Operational staff	1,032,660	1,042,137	896,339	977,306	1,022,412	1,074,486
6130 Overtime	111,840	93,824	188,884	121,255	247,401	189,506
6140 Severance Pay	-	-	4,230	-	-	-
6201 T.M.R.S.	274,727	279,945	283,974	264,998	304,752	256,056
6205 F.I.C.A.	90,787	94,253	93,994	93,618	103,066	93,153
6206 Suta	-	-	179	-	-	-
6210 Medicare	21,232	22,043	21,982	21,894	24,104	21,786
6214 Dental Insurance	14,402	16,772	15,250	18,102	14,120	17,249
6215 Hospitalization insurance	253,148	280,981	287,672	339,005	280,528	342,659
6220 Life Insurance	1,341	1,290	1,191	1,733	1,147	1,736
6221 Long Term Disability Insurance	2,094	2,763	2,563	3,020	2,488	3,005
6225 Workers Compensation	39,110	40,556	40,129	37,749	43,699	37,562
6230 Vacation leave	10,033	31,182	24,766	18,479	19,818	19,187
6235 Sick leave	7,475	(75,299)	(16,569)	20,331	12,073	21,110
6260 Vacancy Savings	-	-	-	(72,354)	-	(135,222)
<i>O&M PERSONNEL TOTAL</i>	<i>2,255,925</i>	<i>2,254,534</i>	<i>2,327,999</i>	<i>2,377,793</i>	<i>2,471,183</i>	<i>2,370,254</i>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	233	-	-	-	-	-
7110 Dues & memberships	305	320	140	500	110	300
7120 Office supplies	1,888	655	2,174	1,900	1,116	1,400
7130 Postage/shipping charges	18,159	1,941	5,156	25,500	6,680	10,000
7140 Training expenses	15,965	2,705	9,250	16,674	-	15,500
7145 Travel expenses	26,953	5,168	624	23,000	4,538	15,000
7180 Utilities - departmental	171,131	231,303	210,509	220,000	122,602	150,000
7215 Laundry & janitorial supplies	1,424	1,396	2,129	2,000	1,619	2,000
7225 Safety supplies	7,381	8,538	13,674	6,500	(108)	8,000
7293 Chemicals - other	54,103	113,483	68,000	80,000	62,239	69,000
7299 Other materials & supplies	9,398	17,442	20,167	23,000	18,130	22,600
7310 Federal, state, & local fees	256	70	70	300	2,727	3,800
7315 Food, meals, ice, water	842	973	331	1,000	565	700
7325 Rental of equip/storage/land	3,958	8,535	6,147	29,200	14,027	20,000
7335 Wearing apparel & dry goods	28,952	5,093	7,554	10,500	11,982	8,000
7415 Fuels & lubricants	8,353	4,648	7,682	2,000	8,734	3,500
7501 Maint. of buildings & structures	39,928	43,138	52,948	72,000	91,236	163,000
7505 Maint. of communication equipment	4,501	25	1,453	5,000	21,346	2,000
7515 Maint. of major equipment	1,168,486	250,313	396,926	288,908	589,667	596,000
7520 Maint. of minor equipment	6,818	44,805	16,141	36,350	52,540	51,250
7525 Maint. of boiler plant	58,587	158,775	143,397	851,431	575,204	348,000
7605 Engineering fees	117,060	23,917	21,656	38,000	-	10,000
7635 Software maintenance service fees	4,800	56,254	40,422	115,344	49,269	50,344
7645 Maintenance services	43,504	1,671	60,027	297,500	256,508	125,500
7699 Other services	4,730	4,857	10,889	12,750	27,769	20,700
7731 Pchp - Fixed expenses - Oklaunion	4,352,561	3,805,918	-	-	-	-
7732 Pchp - Hidalgo Fixed Operation Fee	3,213,956	3,231,030	3,223,658	4,345,864	4,146,274	4,445,846
7805 Computer equipment	-	1,363	-	4,150	418	500
7806 Software licenses-new	4,950	4,752	4,752	-	-	-
7820 Office furniture & equipment	1,121	101	109	6,000	5,972	-
7899 Other minor tools & equipment	5,504	7,314	3,560	6,500	13,009	8,500
<i>O&M NON-PERSONNEL TOTAL</i>	<i>9,375,804</i>	<i>8,036,504</i>	<i>4,329,544</i>	<i>6,521,871</i>	<i>6,084,174</i>	<i>6,151,440</i>
	11,631,729	10,291,038	6,657,543	8,899,664	8,555,357	8,521,694



: **Eliazar Perez, P.E.**

Title: **Engineering Manager**

Telephone Ext: **6258**

Dept. No: **2310**

**PERFORMANCE MEASURES
FOR THE
ELECTRIC METER SHOP DEPARTMENT**

Department Function:

The Electric Meter Shop Department is responsible for the installation, maintenance, and repair of electric meters. The department investigates high and low voltage complaints by installing voltage and current measuring devices. They test, repair, and maintain electric meters and current potential transformers. The Electric Meter Shop checks on reported electric meter tampering cases, makes service connections and disconnections, and performs other related work as required.

Department Goals/Objectives:

The Electric Meter Shop objectives are to assure that BPUB's metering systems are kept up to accuracy standards, maintain meter testing programs and timely complete meter-related service orders.

INPUT MEASURES

Staff	8	8	8	8
ERCOT TDSP Meters	8	8	8	8
Total O&M Expenses	\$ 684,133	\$ 679,860	\$ 685,494	\$ 688,540

OUTPUT MEASURES

Install/ Maintain CT Rated Demand Meters	325	325	325	325
Meter Investigation	2,100	2,100	2,400	2,400
Set/Replace Radio Frequency Meters	650	650	550	650
Total Meter Tests	7,200	7,200	7,200	7,200
Total Service Orders Resolved	7,200	7,200	7,200	7,200

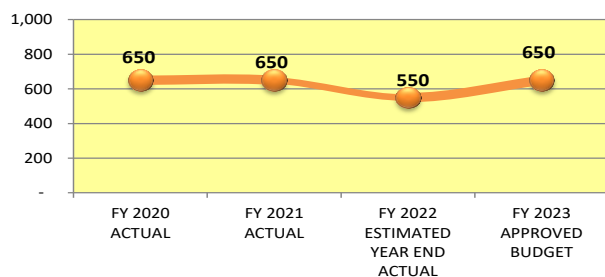
OUTCOME MEASURES

Comply With ERCOT	Yes	Yes	Yes	Yes
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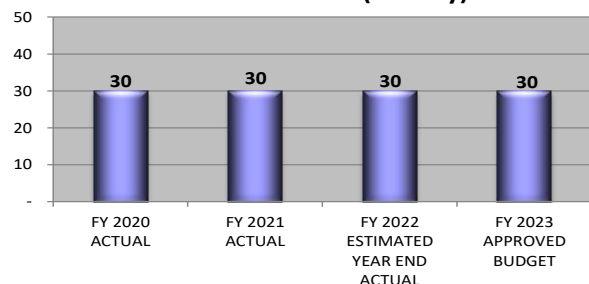
EFFICIENCY MEASURES

Meter Tests (Per day)	30	30	30	30
Service Orders Closed (Per day)	50	30	40	40

Set/Replace Radio Frequency Meters



Meter Tests (Per day)



DEPARTMENT 2310 - ELECTRIC METER SHOP

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6105 Administrative Staff	\$ 39,528	\$ 53,076	\$ 52,931	\$ 55,364	\$ 30,179	\$ 53,622
6115 Operational staff	255,632	258,785	232,204	265,007	238,353	262,746
6130 Overtime	12,260	8,615	4,188	3,379	9,783	9,389
6201 T.M.R.S.	55,089	58,402	51,979	56,225	50,049	55,681
6205 F.I.C.A.	17,925	19,303	16,660	19,863	16,076	19,615
6210 Medicare	4,192	4,515	3,896	4,645	3,760	4,587
6214 Dental Insurance	3,660	4,126	3,924	4,723	4,066	4,924
6215 Hospitalization insurance	70,577	77,863	80,395	96,917	85,510	104,576
6220 Life Insurance	299	280	271	389	252	386
6221 Long Term Disability Insurance	361	479	446	540	409	527
6225 Workers Compensation	7,823	8,286	7,297	8,009	7,387	7,909
6230 Vacation leave	(3,670)	13,059	6,563	3,896	3,559	4,040
6235 Sick leave	(7,106)	(42,415)	5,843	4,287	(1,473)	4,445
6250 Miscellaneous personnel benefits	-	-	-	250	-	-
6260 Vacancy Savings	-	-	-	(15,256)	-	(28,473)
<i>O&M PERSONNEL TOTAL</i>	<i>456,569</i>	<i>464,374</i>	<i>466,596</i>	<i>508,240</i>	<i>447,912</i>	<i>503,973</i>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	322	250	1,684	-
7110 Dues & memberships	205	-	-	250	97	200
7120 Office supplies	941	829	324	400	392	650
7130 Postage/shipping charges	1,275	45	912	1,000	2,072	1,500
7135 Telephone expenses	35	-	95	-	5,178	-
7140 Training expenses	4,889	-	317	6,778	-	3,188
7145 Travel expenses	9,462	3,563	-	8,700	-	3,000
7225 Safety supplies	2,914	6,404	6,827	6,500	5,982	5,000
7299 Other materials & supplies	35,609	19,825	76,802	80,000	32,269	20,000
7315 Food, meals, ice, water	261	119	-	200	105	-
7325 Rental of equip/storage/land	3,286	1,913	2,456	3,000	316	2,000
7335 Wearing apparel & dry goods	9,207	6,087	3,077	5,000	3,929	4,000
7415 Fuels & lubricants	12,267	9,093	11,917	9,000	16,886	12,485
7505 Maint. of communication equipment	46	-	-	1,000	-	544
7530 Maint. of electric meters	230,169	166,408	105,405	96,250	161,503	120,000
7599 Maintenance / other	-	450	-	-	-	-
7699 Other services	773	1,177	-	250	-	200
7805 Computer equipment	248	225	282	250	161	4,350
7806 Software licenses-new	-	-	-	450	-	450
7820 Office furniture & equipment	338	-	-	-	-	-
7835 Tools, shop and garage equipment	5,709	835	59	-	-	-
7899 Other minor tools & equipment	7,020	2,784	4,471	4,000	7,010	7,000
<i>O&M NON-PERSONNEL TOTAL</i>	<i>324,654</i>	<i>219,759</i>	<i>213,264</i>	<i>223,278</i>	<i>237,582</i>	<i>184,567</i>
	781,223	684,133	679,860	731,518	685,494	688,540



Department Responsibility: Eliazar Perez, P.E.
 Title: Engineering Manager
 Telephone Ext: 6258
 Dept. No: 2410

**PERFORMANCE MEASURES
FOR THE
ELECTRIC ENGINEERING DEPARTMENT**

Department Function:

To provide engineering, planning, and design for new and existing customers.

Department Goals/Objectives:

Will meet or exceed industry standard for design and maintenance of Electrical System.

INPUT MEASURES

O&M Personnel Expenses
 O&M Non-Personnel Expenses

OUTPUT MEASURES

Number of Customers (based on Work Orders)
 Number of Street Lights
 Number of Trees Trimmed
 Number of Trouble Calls Completed
 AEP - Magic Valley Conversions

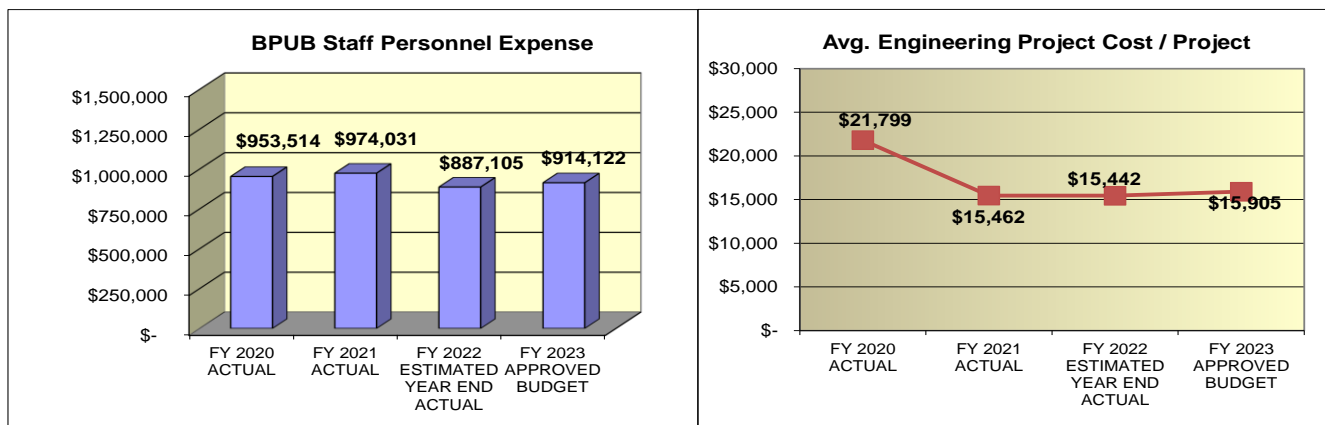
OUTCOME MEASURES

Residential Lots Designed
 Commercial Lots Designed
 Substations Designed
 New Feeders Designed
 Services Designed in Multi-Certified Areas

EFFICIENCY MEASURES

Customers per Employee (year)
 Work Order Accuracy
 System Losses (MWH Purchased- MWH Sold)
 Avg. Engineering Project Cost / Project

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
O&M Personnel Expenses	\$ 953,514	\$ 974,031	\$ 887,105	\$ 914,122
O&M Non-Personnel Expenses	\$ 1,082,570	\$ 1,235,729	\$ 1,697,494	\$ 1,626,341
Number of Customers (based on Work Orders)	280	253	313	322
Number of Street Lights	120	42	154	159
Number of Trees Trimmed	10,263	8,425	7,557	7,783
Number of Trouble Calls Completed	2,353	1,813	565	582
AEP - Magic Valley Conversions	2	2	3	3
Residential Lots Designed	484	554	571	588
Commercial Lots Designed	135	52	54	55
Substations Designed	2	2	0	1
New Feeders Designed	2	2	1	1
Services Designed in Multi-Certified Areas	150	85	90	95
Customers per Employee (year)	22.00	20.00	20.00	20.00
Work Order Accuracy	95%	95%	95%	95%
System Losses (MWH Purchased- MWH Sold)	5.60%	5.28%	5.53%	5.53%
Avg. Engineering Project Cost / Project	\$ 21,799	\$ 15,462	\$ 15,442	\$ 15,905



DEPARTMENT 2410 - ELECTRIC ENGINEERING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 80,815	\$ 84,106	\$ 83,768	\$ 88,558	\$ 87,412	\$ 87,173
6105 Administrative Staff	508,480	542,923	503,516	543,551	393,194	491,997
6110 Clerical staff	55,790	58,343	52,104	48,662	89,622	78,212
6130 Overtime	124	167	292	450	480	508
6201 T.M.R.S.	127,017	134,184	135,490	119,475	117,297	115,699
6205 F.I.C.A.	38,524	41,846	41,895	42,208	36,818	40,758
6210 Medicare	9,010	9,787	9,798	9,871	8,611	9,532
6214 Dental Insurance	6,022	6,714	6,082	6,821	4,968	5,963
6215 Hospitalization insurance	98,558	105,048	104,136	119,918	87,732	106,094
6220 Life Insurance	606	603	556	771	463	755
6221 Long Term Disability Insurance	974	1,311	1,213	1,362	1,009	1,315
6225 Workers Compensation	16,154	17,567	17,323	17,019	15,115	16,435
6230 Vacation leave	5,716	11,580	8,009	8,240	33,474	8,395
6235 Sick leave	30,518	(70,889)	9,850	9,066	10,910	9,236
6240 Educational assistance	-	3,133	-	-	-	-
6250 Miscellaneous personnel benefits	962	7,092	-	700	-	1,215
6260 Vacancy Savings	-	-	-	(32,262)	-	(59,164)
<i>O&M PERSONNEL TOTAL</i>	<i>979,269</i>	<i>953,514</i>	<i>974,031</i>	<i>984,409</i>	<i>887,105</i>	<i>914,122</i>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	2,357	411	-	500	287	-
7110 Dues & memberships	1,180	2,403	1,266	2,000	1,349	2,000
7120 Office supplies	5,681	2,863	3,416	2,000	2,510	2,600
7130 Postage/shipping charges		2,169	3,992	3,500	1,741	2,500
7135 Telephone expenses	2,393	234	28	-	-	-
7140 Training expenses	29,449	6,200	8,460	15,320	21,770	15,970
7145 Travel expenses	8,750	11,892	-	16,600	7,781	15,000
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	350	-	300
7210 Landscaping/Trade a Tree Program	150	275	75	300	-	250
7225 Safety supplies	309	926	516	750	1,543	1,000
7299 Other materials & supplies	1,267	16,466	766	800	872	1,000
7315 Food, meals, ice, water	589	542	-	500	437	-
7325 Rental of equip/storage/land	2,989	2,949	3,211	3,500	2,405	3,500
7335 Wearing apparel & dry goods	3,889	-	294	-	338	500
7415 Fuels & lubricants	2,973	2,984	3,243	2,500	4,238	3,300
7505 Maint. of communication equipment	210	24	1,700	500	38	500
7565 Maint. of street lighting & signals	19,367	64,719	32,742	17,000	22,175	17,000
7570 Maint. of underground lines	225,933	210,217	203,132	301,850	419,444	310,200
7601 Legal Fees	13,670	23,079	20,134	20,000	15,248	22,630
7605 Engineering fees	89,421	27,026	13,466	-	56,995	100,000
7630 Construction contractor services	90,510	70,757	188,852	425,000	394,874	360,000
7635 Software maintenance service fees	82,390	43,280	43,400	48,000	58,472	50,100
7645 Maintenance services	-	1,173	-	-	-	-
7699 Other services	516,743	585,416	704,821	730,000	663,206	701,493
7805 Computer equipment	535	428	932	5,000	120	13,410
7806 Software licenses-new	17,424	3,600	-	1,300	21,450	1,488
7820 Office furniture & equipment	2,936	-	-	-	-	-
7835 Tools, shop and garage equipment	31	-	108	100	-	100
7899 Other minor tools & equipment	10,820	2,538	1,173	1,500	204	1,500
<i>O&M NON-PERSONNEL TOTAL</i>	<i>1,131,967</i>	<i>1,082,570</i>	<i>1,235,729</i>	<i>1,598,870</i>	<i>1,697,494</i>	<i>1,626,341</i>
	2,111,236	2,036,084	2,209,760	2,583,279	2,584,599	2,540,463



Department Responsibility: **Marie C. Leal, P.E.**

Title: **Director of Special Projects W/WW
Engineering, Planning and Operations**

Telephone Ext: **6275**

Dept. No: **3110**

**PERFORMANCE MEASURES
FOR THE
WATER & WASTEWATER ENGINEERING, PLANNING & OPERATIONS DEPARTMENT**

Department Function:

The department's function is to oversee the entire Water & Wastewater Engineering, Planning & Operations Division and ensure departmental personnel have the resources available to perform their day-to-day functions. We forecast and plan needed improvements to our system that include Engineering, Capital Improvement and projected growth. Available funding is budgeted and forecasted in accordance with prioritized project and system needs.

Department Goals/Objectives:

To provide staff with the resources (tools and funding) to make the necessary improvements to the water and wastewater systems to make them more efficient and provide a better quality product and service while keeping operational costs down. To project future needs and take the necessary steps in order to minimize the impact on the system and community while maximizing the return on our investments.

Note:

See Departments:

- 3145-W/WW Plant Maintenance
- 3230-Wastewater Lift Stations
- 3150-W/WW Construction & Operations
- 3310-W/WW Engineering

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 64,166	\$ 134,982	\$ 102,507	\$ 106,994	\$ 108,435	\$ 106,995
6110 Clerical staff	35,320	37,045	36,350	37,827	38,688	37,835
6130 Overtime	434	366	753	650	1,301	1,091
6201 T.M.R.S.	32,509	40,973	24,930	25,416	26,039	25,490
6205 F.I.C.A.	4,528	10,766	8,068	8,979	8,606	8,979
6210 Medicare	1,449	2,518	1,887	2,100	2,013	2,100
6214 Dental Insurance	864	1,327	1,167	1,293	1,166	1,293
6215 Hospitalization insurance	15,175	26,634	27,366	30,956	27,236	28,866
6220 Life Insurance	93	142	118	162	118	162
6221 Long Term Disability Insurance	129	316	264	290	267	290
6225 Workers Compensation	2,690	4,643	3,512	3,621	3,711	3,621
6230 Vacation leave	(15,224)	7,786	3,194	1,761	591	1,849
6235 Sick leave	(24,089)	40,104	3,305	1,938	(1,099)	2,035
6242 Auto Benefits	8,077	5,192	-	7,500	-	7,500
6243 Telephone Benefits	1,809	1,163	-	1,680	-	1,680
6260 Vacancy Savings	-	-	-	(6,896)	-	(13,035)
<i>O&M PERSONNEL TOTAL</i>	<i>127,930</i>	<i>313,958</i>	<i>213,420</i>	<i>224,270</i>	<i>217,071</i>	<i>216,753</i>

**DEPARTMENT 3110 - WATER & WASTEWATER ENGINEERING, PLANNING &
OPERATIONS**

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	278	-	-	-	-
7110 Dues & memberships	6,651	6,506	7,300	7,200	7,348	7,870
7120 Office supplies	1,595	431	844	1,000	1,378	1,200
7130 Postage/shipping charges	43	51	42	100	420	100
7140 Training expenses	1,120	740	1,300	1,500	1,091	2,445
7145 Travel expenses	7,563	1,574	879	4,000	-	3,920
7225 Safety supplies	-	-	43	-	-	-
7315 Food, meals, ice, water	662	160	-	500	947	-
7325 Rental of equip/storage/land	-	-	-	1,200	(1,940)	1,500
7415 Fuels & lubricants	-	242	803	500	1,791	1,700
7601 Legal Fees	783	12,290	1,653	2,000	-	2,000
7699 Other services	1,045	233	818	750	1,339	1,680
7805 Computer equipment	301	170	140	500	109	500
7820 Office furniture & equipment	2,758	311	27	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	22,521	22,985	13,848	19,250	12,483	22,915
	150,451	336,943	227,268	243,520	229,554	239,668



Department Responsibility: **Domingo Cortez Jr.**

Title: **W/WW Operator Chief**

Telephone Ext: **6488**

Dept. No: **3120**

**PERFORMANCE MEASURES
FOR THE
WATER PLANT I DEPARTMENT**

Department Function:

Water Plant No. 1 is responsible for producing and delivering safe and aesthetically pleasing drinking water at adequate pressures in the water distribution system.

Department Goals/Objectives:

Water Plant No. 1's objective is to cost-effectively produce high quality drinking water that meets state and federal Drinking Water Standards and reporting requirements.

INPUT MEASURES

Employees (FTE's)

Total O&M Expenses

Gallons of Raw Water Used (in millions)

OUTPUT MEASURES

Gallons of Water Treated (in millions)

No. of Water Customers Served

OUTCOME MEASURES

Compliance With Primary Water Standards

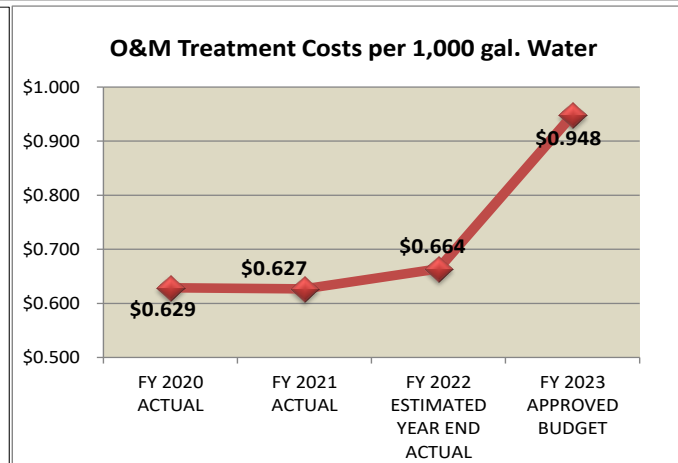
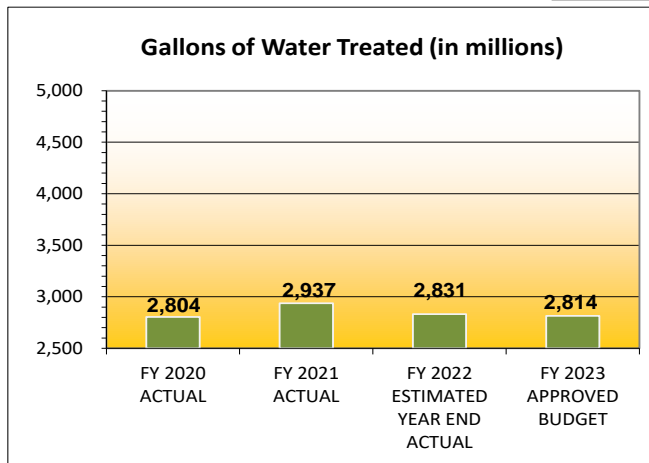
Compliance With State Reporting Requirements

Completion of Oper. Reports Within 10 Days (%)

EFFICIENCY MEASURES

O&M Treatment Costs Per 1,000 gal. Water

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
10	9	10	10
\$ 1,764,719	\$ 1,798,390	\$ 2,428,466	\$ 3,050,090
2,946	3,245	2,922	2,893
2,804	2,937	2,831	2,814
54,306	55,354	56,422	57,511
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
100%	100%	100%	100%
\$ 0.629	\$ 0.627	\$ 0.664	\$ 0.948



DEPARTMENT 3120 - WATER PLANT I

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 135,261	\$ 124,179	\$ 120,033	\$ 128,916	\$ 127,707	\$ 129,132
6110 Clerical staff	12,534	7,419	7,991	20,098	18,121	30,763
6115 Operational staff	263,850	255,619	256,597	374,458	290,786	323,024
6130 Overtime	9,945	28,270	30,108	39,180	(4,580)	16,091
6201 T.M.R.S.	74,679	74,801	73,730	91,783	84,612	84,994
6205 F.I.C.A.	25,041	25,412	24,733	32,425	29,004	29,941
6206 Suta	-	-	381	-	-	-
6210 Medicare	5,856	5,943	5,784	7,583	6,783	7,002
6214 Dental Insurance	4,932	5,394	5,047	5,095	4,592	6,015
6215 Hospitalization insurance	79,450	83,387	92,945	99,882	88,168	115,200
6220 Life Insurance	403	363	363	601	364	567
6221 Long Term Disability Insurance	601	734	726	1,046	766	966
6225 Workers Compensation	10,560	10,706	10,416	13,074	12,096	12,073
6230 Vacation leave	(34)	11,264	(7,920)	4,685	16,675	6,167
6235 Sick leave	(4,321)	(28,371)	767	5,155	46,597	6,785
6260 Vacancy Savings	-	-	-	(18,344)	-	(43,463)
<i>O&M PERSONNEL TOTAL</i>	618,757	605,118	621,699	805,637	721,690	725,257
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	768	1,560	1,224	1,500	786	1,500
7120 Office supplies	801	296	300	400	735	600
7130 Postage/shipping charges	-	17	1,427	1,500	-	1,000
7140 Training expenses	2,105	470	2,425	1,800	3,701	2,000
7145 Travel expenses	1,804	437	-	920	1,170	2,000
7180 Utilities - departmental	250,004	185,206	173,206	180,000	228,669	195,000
7225 Safety supplies	1,297	2,603	1,626	2,000	1,757	2,500
7280 Chemicals - activated carbon	20,598	35,759	27,860	30,292	20,372	92,924
7281 Chemicals - ammonia	35,765	43,612	30,932	48,467	40,586	134,388
7282 Chemicals - caustic soda	78,540	61,923	54,527	67,567	79,565	181,010
7283 Chemicals - chlorine	66,322	86,931	81,396	93,129	136,502	277,704
7284 Chemicals - coagulant	385,681	426,474	448,476	488,677	760,657	855,499
7290 Chemicals - sodium chloride	65,488	33,600	86,506	67,860	57,300	137,700
7293 Chemicals - other	1,080	1,064	1,053	1,500	884	2,408
7299 Other materials & supplies	23,518	34,394	31,744	35,000	33,199	36,000
7315 Food, meals, ice, water	133	172	-	400	90	-
7325 Rental of equip/storage/land	39,432	62,495	106,329	118,100	114,302	117,900
7335 Wearing apparel & dry goods	5,273	1,200	2,897	3,000	2,052	3,000
7415 Fuels & lubricants	1,065	1,457	839	1,500	1,049	1,500
7520 Maint. of minor equipment	3,534	10,963	9,257	9,500	13,932	10,500
7580 Maint. of reservoirs	52,129	44,030	2,024	52,650	97,608	150,000
7605 Engineering fees	9,989	-	-	25,000	6,805	15,000
7630 Construction contractor services	3,585	-	37,095	40,000	32,069	25,000
7645 Maintenance services	16,483	63,694	36,248	90,000	21,718	44,000
7699 Other services	27,528	7,404	2,090	22,700	37,749	10,700
7810 Laboratory equipment	18,023	18,131	11,239	9,000	5,005	9,000
7820 Office furniture & equipment	1,290	373	-	600	845	-
7830 Pumping equipment	216	255	383	500	268	500
7840 Water treatment equipment	29,674	34,668	25,216	15,000	6,175	15,000
7899 Other minor tools & equipment	1,673	413	373	500	1,226	500
<i>O&M NON-PERSONNEL TOTAL</i>	1,143,798	1,159,601	1,176,691	1,409,062	1,706,776	2,324,833
	1,762,555	1,764,719	1,798,390	2,214,699	2,428,466	3,050,090



Department Responsibility: Robert Rojas

Title: W/WW Operator Chief

Telephone Ext: 6486

Dept. No: 3130

**PERFORMANCE MEASURES
FOR THE
WATER PLANT II DEPARTMENT**

Department Function:

Water Plant No. 2 is responsible for producing and delivering safe and aesthetically pleasing drinking water at adequate pressures in the water distribution system.

Department Goals/Objectives:

Water Plant No. 2's objective is to cost-effectively produce high quality drinking water that meets state and federal Drinking Water Standards and reporting requirements.

INPUT MEASURES

Employees (FTE's)

Total O&M Expenses

Gallons of Raw Water Used (in millions)

OUTPUT MEASURES

Gallons of Water Treated (in millions)

No. of Water Customers Served

OUTCOME MEASURES

Compliance With Primary Water Standards

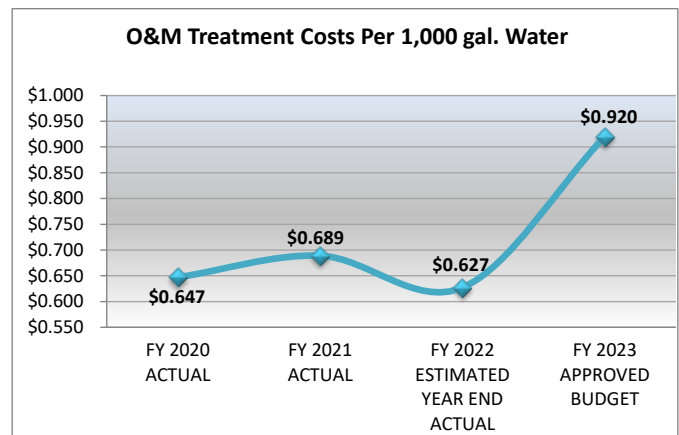
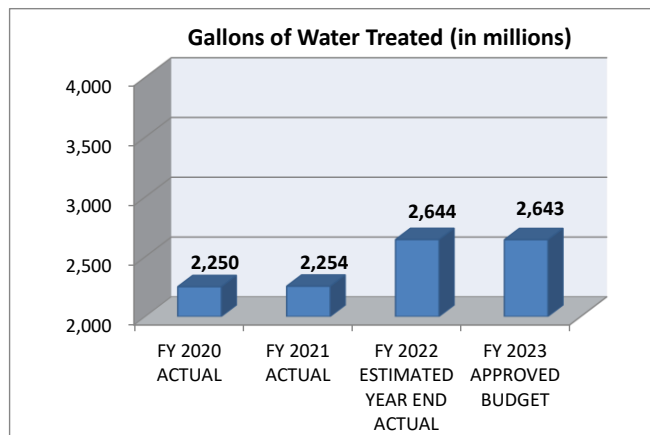
Compliance With State Reporting Requirements

Completion of Oper. Reports Within 10 Days (%)

EFFICIENCY MEASURES

O&M Treatment Costs Per 1,000 gal. Water

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
8	8	7	8
\$ 1,457,608	\$ 1,549,756	\$ 2,230,690	\$2,850,972
2,353	2,479	2,715	2,715
2,250	2,254	2,644	2,643
54,306	55,354	56,422	57,510
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
100%	100%	100%	100%
\$ 0.647	\$ 0.689	\$ 0.627	\$ 0.920



DEPARTMENT 3130 - WATER PLANT II

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 94,381	\$ 97,989	\$ 99,684	\$ 56,282	\$ 58,507	\$ 61,734
6115 Operational staff	196,896	172,635	173,940	273,064	269,564	265,949
6130 Overtime	7,946	16,888	24,018	21,977	9,230	19,022
6140 Severance Pay	-	-	-	-	5,023	-
6201 T.M.R.S.	53,011	50,290	52,887	57,800	61,745	57,672
6205 F.I.C.A.	17,477	16,944	17,718	20,419	21,076	20,316
6210 Medicare	4,087	3,963	4,144	4,776	4,929	4,751
6214 Dental Insurance	4,309	4,408	4,101	4,924	3,942	4,316
6215 Hospitalization insurance	68,415	66,753	68,844	83,247	73,976	81,370
6220 Life Insurance	292	257	257	397	278	388
6221 Long Term Disability Insurance	419	505	504	659	574	655
6225 Workers Compensation	7,487	7,197	7,470	8,234	8,744	8,192
6230 Vacation leave	(5,563)	3,762	546	3,477	5,827	4,185
6235 Sick leave	(5,942)	(28,024)	(3,800)	3,826	11,500	4,604
6260 Vacancy Savings	-	-	-	(13,615)	-	(29,491)
<i>O&M PERSONNEL TOTAL</i>	443,214	413,565	450,313	525,466	534,917	503,663
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	798	457	783	650	750	650
7120 Office supplies	201	544	429	450	258	450
7130 Postage/shipping charges	448	-	208	400	19	400
7140 Training expenses	1,765	1,540	3,569	4,000	2,240	2,000
7145 Travel expenses	810	126	815	500	-	500
7180 Utilities - departmental	208,471	280,228	288,648	245,977	350,605	302,291
7190 Utilities - CP&L & Mvec	1,713	1,923	1,885	2,090	1,900	2,090
7225 Safety supplies	2,014	3,069	1,995	1,800	754	1,500
7280 Chemicals - activated carbon	19,848	18,210	30,233	49,408	85,546	136,092
7281 Chemicals - ammonia	45,649	35,774	30,972	35,419	39,246	87,028
7282 Chemicals - caustic soda	48,939	48,758	54,926	71,788	54,600	150,000
7283 Chemicals - chlorine	58,590	66,870	68,022	83,900	127,074	258,912
7284 Chemicals - coagulant	202,075	246,471	224,059	304,857	484,002	756,047
7290 Chemicals - sodium chloride	54,336	93,680	67,694	85,950	149,627	252,496
7293 Chemicals - other	1,295	1,085	1,308	31,144	1,575	59,034
7299 Other materials & supplies	23,264	43,738	72,338	63,000	81,960	60,980
7315 Food, meals, ice, water	100	95	-	225	78	-
7325 Rental of equip/storage/land	2,358	56,566	98,298	109,060	103,799	109,060
7335 Wearing apparel & dry goods	2,543	1,089	2,562	2,050	1,692	2,624
7415 Fuels & lubricants	1,081	826	826	900	1,578	1,147
7501 Maint. of buildings & structures	5,547	19,920	6,191	14,423	9,575	15,000
7580 Maint. of reservoirs	4,396	41,566	36,785	16,785	20,216	33,956
7605 Engineering fees	16,139	4,310	8,276	65,000	2,530	10,000
7630 Construction contractor services	30,910	23,241	-	-	-	-
7645 Maintenance services	2,813	36,187	71,436	85,114	135,671	83,000
7699 Other services	6,341	3,584	7,041	4,650	30,283	4,650
7810 Laboratory equipment	-	-	2,087	1,600	1,683	8,152
7820 Office furniture & equipment	2,360	1,549	-	500	868	-
7830 Pumping equipment	-	-	388	500	289	500
7899 Other minor tools & equipment	80,181	12,638	17,668	11,700	7,355	8,750
<i>O&M NON-PERSONNEL TOTAL</i>	824,985	1,044,043	1,099,443	1,293,840	1,695,773	2,347,309
	1,268,199	1,457,608	1,549,756	1,819,306	2,230,690	2,850,972



Department Responsibility: Rene Mariscal

Title: Water Resource Manager

Telephone Ext: 6256

Dept. No: 3135

**PERFORMANCE MEASURES
FOR THE
RESACA MAINTENANCE DEPARTMENT**

Department Function:

The Resaca Maintenance department is responsible for maintaining the City's Resaca system.

Department Goals/Objectives:

The Resaca Maintenance Department's objective is to cost-effectively dredge and maintain the City of Brownsville's Resaca System and BPUB's reservoirs in order to increase raw water storage and storm water capacity.

INPUT MEASURES

Employees (FTE's)

Total O&M Expenses

OUTPUT MEASURES

Sediment Dredged (cu-yd)

OUTCOME MEASURES

Compliance With Environmental Standards

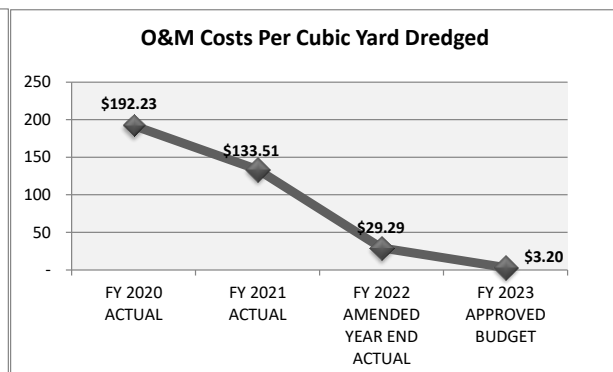
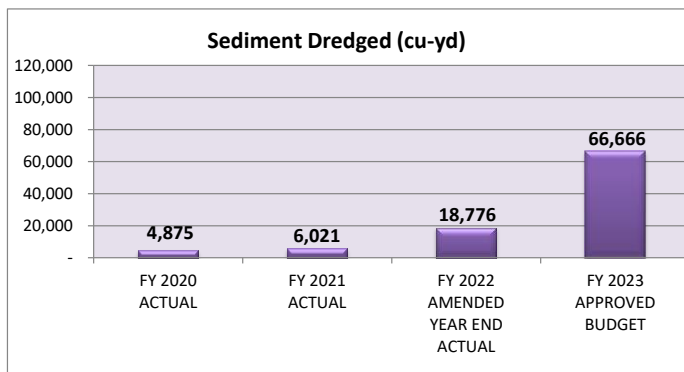
Completion of Oper. Reports Within 10 Days (%)

Raw Water Storage Capacity Gained (acre-ft)

EFFICIENCY MEASURES

O&M Costs Per Cubic Yard Dredged

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 AMENDED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
9	9	9	15
\$ 937,119	\$ 803,887	\$ 549,882	\$ 213,445
4,875	6,021	18,776	66,666
Yes	Yes	Yes	Yes
100%	100%	100%	100%
3	1	12	41
\$ 192.23	\$ 133.51	\$ 29.29	\$ 3.20



DEPARTMENT 3135 – RESACA MAINTENANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	AMENDED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 140,543	\$ 109,798	\$ 138,114	\$ 216,912	\$ 104,798	\$ 150,530
6110 Clerical staff	23,556	23,485	24,256	42,643	20,062	29,598
6115 Operational staff	194,062	210,340	195,704	311,412	117,432	482,107
6130 Overtime	10,348	14,403	6,689	32,698	(3,953)	20,895
6201 T.M.R.S.	65,289	63,723	64,782	100,210	68,032	69,724
6205 F.I.C.A.	21,260	21,040	20,804	35,387	14,009	24,562
6206 Suta	1,841	-	-	-	-	-
6210 Medicare	4,972	4,921	4,865	8,267	3,276	5,744
6214 Dental Insurance	4,153	4,535	4,959	8,256	3,011	5,408
6215 Hospitalization insurance	78,437	84,111	101,733	171,810	64,215	116,892
6220 Life Insurance	354	320	345	678	215	474
6221 Long Term Disability Insurance	523	647	702	1,144	447	792
6225 Workers Compensation	9,213	9,177	9,417	14,275	6,100	9,904
6230 Vacation leave	5,499	4,695	2,861	6,930	762	5,059
6235 Sick leave	(8,008)	(13,352)	(384)	7,648	4,230	5,566
6260 Vacancy Savings	-	-	-	(18,868)	-	(35,654)
6266 RESTORE Offset-Personnel	-	-	-	(622,006)	-	(675,610)
<i>O&M PERSONNEL TOTAL</i>	<u>552,042</u>	<u>537,842</u>	<u>574,848</u>	<u>317,396</u>	<u>402,636</u>	<u>215,990</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	31	-	94	50	-	-
7110 Dues & memberships	545	743	225	957	672	1,659
7120 Office supplies	940	251	254	736	799	500
7130 Postage/shipping charges	26	50	441	368	181	250
7140 Training expenses	1,240	960	410	995	3,588	1,000
7145 Travel expenses	(97)	3,645	-	736	2,252	3,000
7180 Utilities - departmental	11,332	12,387	12,891	20,195	14,171	25,200
7203 Sand, Caliche, Gravel, Concrete etc	5,630	-	8,030	12,953	5,949	9,000
7225 Safety supplies	9,509	5,759	3,625	7,183	1,892	5,000
7293 Chemicals - other	45,908	44,712	46,460	204,072	-	158,976
7299 Other materials & supplies	55,201	59,325	36,395	115,283	32,894	80,000
7315 Food, meals, ice, water	301	198	104	418	237	-
7325 Rental of equip/storage/land	9,945	4,895	6,197	28,791	16,848	20,000
7330 Right of way fees	-	-	-	144,134	-	320,000
7335 Wearing apparel & dry goods	4,354	1,125	1,566	3,098	2,350	3,623
7415 Fuels & lubricants	9,546	9,284	10,607	216,142	6,553	236,600
7505 Maint. of communication equipment	-	36	-	-	-	-
7581 Maint. of resacas	1,254	1,090	1,744	2,149	1,707	10,000
7601 Legal Fees	27,563	32,886	4,548	43,217	-	30,000
7605 Engineering fees	52,200	8,000	-	216,142	14,498	531,214
7645 Maintenance services	65,886	201,062	66,688	28,791	12,341	20,000
7696 RESTORE Offset-Nonpersonnel	-	-	-	-	-	(2,428,167)
7699 Other services	15,558	10,230	-	(1,338,129)	28,869	957,675
7801 Communication equipment	3,380	457	13,165	864,567	-	7,000
7805 Computer equipment	-	327	6,692	10,068	36	2,000
7820 Office furniture & equipment	-	-	387	2,885	-	-
7830 Pumping equipment	4,650	1,237	-	-	140	2,000
7835 Tools, shop and garage equipment	380	617	6,642	2,885	1,270	925
7899 Other minor tools & equipment	-	-	1,877	1,338	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>325,283</u>	<u>399,277</u>	<u>229,039</u>	<u>590,025</u>	<u>147,246</u>	<u>(2,545)</u>
	877,325	937,119	803,887	907,421	549,882	213,445



Department Responsibility: Rene Mariscal

Title: Water Resource Manager

Telephone Ext: 6256

Dept. No: 3140

**PERFORMANCE MEASURES
FOR THE
RAW WATER SUPPLY DEPARTMENT**

Department Function:

The Raw Water Supply Department is responsible for forecasting water demands and maintenance of reservoir and resaca infrastructure.

Department Goals/Objectives:

The Raw Water Department's objective is to maintain sufficient raw water storage levels in the reservoirs and resacas to minimize the cost of purchasing water rights and surface water; and to maintain raw water equipment in a cost-efficient manner and return equipment to operating condition in a cost-effective manner.

INPUT MEASURES

Employees (FTE's)

Total O&M Expenses

Certificate M865 Water Rights (acre feet)

OUTPUT MEASURES

River Water Diversions to Reservoirs (acre feet)

Raw Water Diversions to Resacas (acre feet)

Certificate M865 Diversions (acre feet)

OUTCOME MEASURES

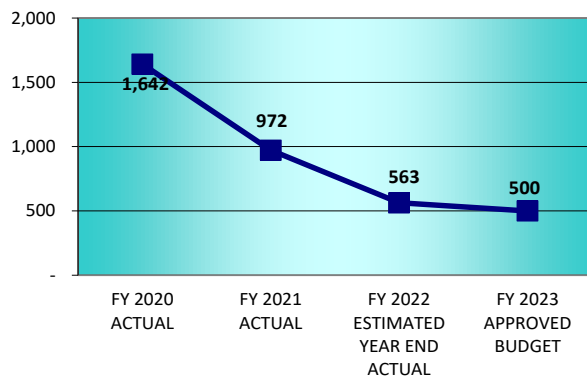
Permit 1838 Diversions (acre feet)

EFFICIENCY MEASURES

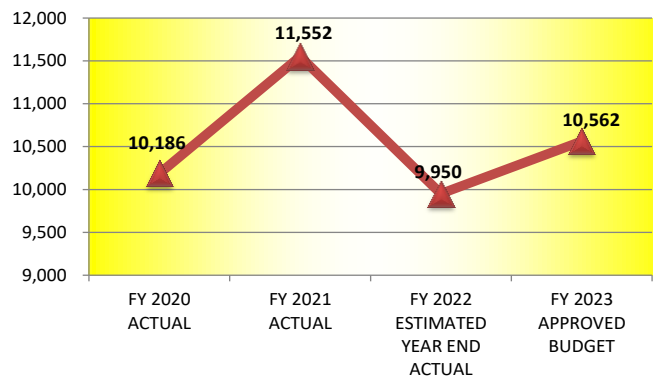
Certificate M865 Savings (acre feet)

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
4	4	4	4
\$ 710,236	\$ 580,825	\$ 380,549	\$ 484,678
31,522	31,522	31,522	31,522
24,744	20,163	21,556	22,154
5,820	4,229	4,815	4,000
21,336	19,970	21,572	20,929
1,642	972	563	500
10,186	11,552	9,950	10,562

Permit 1838 Diversions (acre feet)



Certificate M865 Savings (acre feet)



DEPARTMENT 3140 – RAW WATER SUPPLY

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 7,860	\$ -
6115 Operational staff	120,436	146,843	99,942	143,008	99,694	155,210
6130 Overtime	4,267	9,993	3,947	5,917	(1,864)	5,349
6201 T.M.R.S.	22,618	27,396	18,422	25,098	19,570	27,317
6205 F.I.C.A.	7,565	9,138	6,022	8,867	6,504	9,623
6210 Medicare	1,769	2,137	1,408	2,074	1,521	2,251
6214 Dental Insurance	1,745	2,258	1,560	2,136	1,550	2,136
6215 Hospitalization insurance	29,876	41,036	33,394	45,041	34,963	46,843
6220 Life Insurance	127	140	97	176	95	190
6221 Long Term Disability Insurance	174	274	185	286	180	310
6225 Workers Compensation	3,192	3,921	2,624	3,575	2,814	3,880
6230 Vacation leave	3,362	1,205	(2,897)	1,766	822	1,982
6235 Sick leave	7,566	(8,805)	(5,000)	1,943	1,922	2,181
6260 Vacancy Savings	-	-	-	(6,915)	-	(13,969)
<i>O&M PERSONNEL TOTAL</i>	202,698	235,538	159,705	232,972	175,631	243,303
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	76	59	-	50	-	-
7110 Dues & memberships	668	397	336	550	336	500
7120 Office supplies	570	464	312	500	167	400
7130 Postage/shipping charges	37	14	-	25	-	25
7140 Training expenses	1,585	1,121	75	600	790	600
7145 Travel expenses	150	20	-	256	-	100
7180 Utilities - departmental	129,765	116,148	118,541	125,000	159,239	120,000
7190 Utilities - CP&L & Mvec	392	495	640	950	1,306	950
7203 Sand, Caliche, Gravel, Concrete etc	11,414	10,515	10,656	11,000	5,405	11,000
7225 Safety supplies	1,226	1,345	1,192	1,000	653	1,000
7251 Purchased of Raw Water	26,750	27,778	16,733	30,000	12,898	30,000
7285 Chemicals - copper sulphate	3,415	3,532	-	3,500	5,960	3,500
7293 Chemicals - other	52	-	-	100	-	100
7299 Other materials & supplies	7,435	4,208	2,515	4,500	3,016	2,000
7315 Food, meals, ice, water	209	54	17	-	45	-
7325 Rental of equip/storage/land	-	3,819	-	2,000	-	1,500
7335 Wearing apparel & dry goods	1,819	465	469	1,400	406	1,200
7415 Fuels & lubricants	4,965	4,318	5,271	6,000	8,626	6,000
7501 Maint. of buildings & structures	225	-	-	-	-	-
7580 Maint. of reservoirs	2,752	94,879	194,861	85,000	806	30,000
7581 Maint. of resacas	19,346	130,491	42	10,000	150	10,000
7605 Engineering fees	33,849	5,114	3,620	10,000	-	5,000
7645 Maintenance services	37,133	5,293	8,698	6,000	-	6,000
7699 Other services	22,147	62,891	55,783	10,000	4,690	9,000
7805 Computer equipment	-	-	-	500	-	500
7820 Office furniture & equipment	320	-	-	-	-	-
7830 Pumping equipment	4,060	216	-	1,500	-	1,000
7835 Tools, shop and garage equipment	626	772	968	700	-	700
7899 Other minor tools & equipment	229	292	390	300	426	300
<i>O&M NON-PERSONNEL TOTAL</i>	311,213	474,698	421,120	311,431	204,918	241,375
	513,911	710,236	580,825	544,403	380,549	484,678



Department Responsibility: Hector Herrera Jr
 Title: W/WW Plant Maint&Lift Stations Manager
 Telephone Ext: 6520
 Dept. No. 3145

**PERFORMANCE MEASURES
FOR THE
WATER & WASTEWATER PLANT MAINTENANCE DEPARTMENT**

Department Function:

Provide mechanical maintenance to BPUB's Water and Wastewater Treatment Plants.

Department Goals/Objectives:

The W/WW Plant Maintenance Department's goal is to provide a highly reliable and efficient mechanical maintenance service to its internal BPUB customers, namely the Water and Wastewater Treatment Plants and their Operators.

INPUT MEASURES

O&M Expenditures

Labor-Hours

Overtime labor factor

OUTPUT MEASURES

Million Gallons of Treated Water

Thousands of Customers Served (water)

Million Gallons of Treated Wastewater

Thousands of Customers Served (wastewater)

OUTCOME MEASURES

Maintenance-related TCEQ NOV (water)

Maintenance-related TCEQ NOV (wastewater)

Water Plant PM Status**

Wastewater Plant PM Status**

EFFICIENCY MEASURES

Plant Maintenance Cost Per Customer/ Year

Plant Maint. Labor-Hours Per Customer/Yr

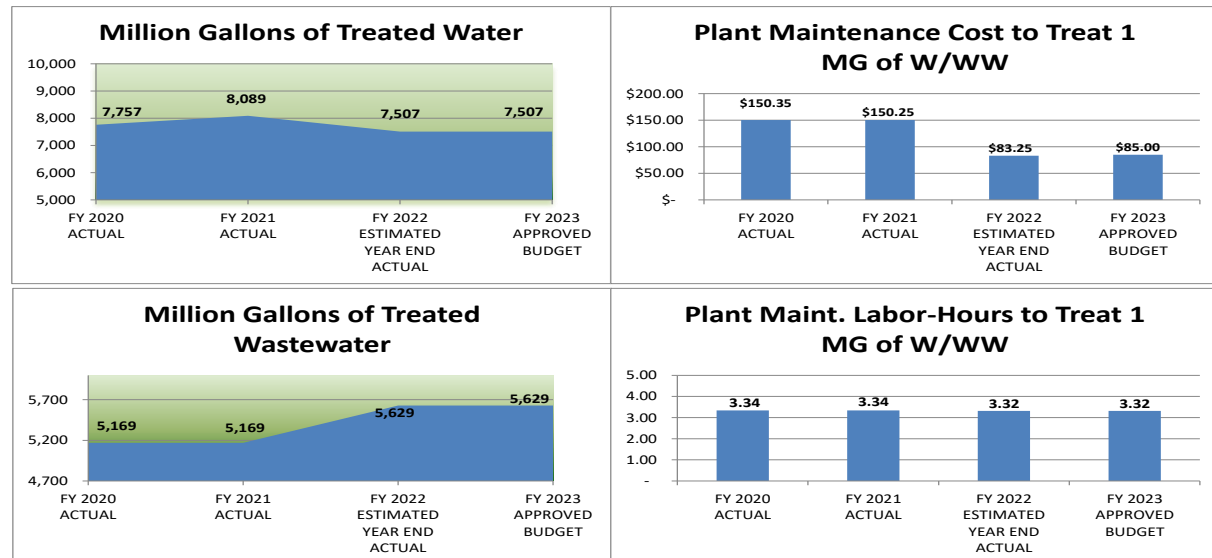
Plant Maintenance Cost to Treat 1 MG of W/WW

Plant Maint. Labor-Hours to Treat 1 MG of W/WW

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
O&M Expenditures	\$ 1,139,364	\$ 1,050,080	\$ 1,161,794	\$ 1,326,584
Labor-Hours	43,680	43,680	43,680	43,680
Overtime labor factor	13	13	13	13
Million Gallons of Treated Water	7,757	8,089	7,507	7,507
Thousands of Customers Served (water)	51	51	54	54
Million Gallons of Treated Wastewater	5,169	5,169	5,629	5,629
Thousands of Customers Served (wastewater)	51	51	54	54
Maintenance-related TCEQ NOV (water)	-	-	-	-
Maintenance-related TCEQ NOV (wastewater)	-	-	-	-
Water Plant PM Status**	39	36	41	41
Wastewater Plant PM Status**	39	36	41	41
Plant Maintenance Cost Per Customer/ Year	\$ 378.00	\$ 389.00	\$ 202.53	\$ 205.00
Plant Maint. Labor-Hours Per Customer/Yr	0.84	0.85	0.80	0.83
Plant Maintenance Cost to Treat 1 MG of W/WW	\$ 150.35	\$150.25	\$83.25	\$ 85.00
Plant Maint. Labor-Hours to Treat 1 MG of W/WW	3.34	3.34	3.32	3.32

NOTES:

* **W/WW Plant PM Status = Thousands of customers served minus number of TCEQ non-compliance notices minus overtime labor factor



DEPARTMENT 3145 - WATER & WASTEWATER PLANT MAINTENANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 43,171	\$ 48,255	\$ 58,109	\$ 60,781	\$ 61,145	\$ 60,778
6105 Administrative Staff	31,808	-	-	-	-	-
6115 Operational staff	387,783	336,611	372,137	428,964	424,020	434,554
6130 Overtime	40,850	34,975	46,716	53,327	72,183	81,480
6201 T.M.R.S.	99,885	74,504	85,426	85,950	97,838	87,178
6205 F.I.C.A.	32,843	24,354	27,519	30,364	32,639	30,711
6206 Suta	-	1,872	1,883	-	-	-
6210 Medicare	7,681	5,696	6,436	7,101	7,633	7,182
6214 Dental Insurance	5,931	6,089	6,917	8,440	6,626	7,588
6215 Hospitalization insurance	107,878	103,613	123,920	152,865	119,018	137,201
6220 Life Insurance	458	357	396	591	417	599
6221 Long Term Disability Insurance	644	714	796	980	848	991
6225 Workers Compensation	14,135	10,690	12,105	12,244	13,945	12,383
6230 Vacation leave	646	12,475	5,369	5,975	5,412	6,325
6235 Sick leave	(20,467)	11,815	(2,896)	6,574	2,476	6,959
6260 Vacancy Savings	-	-	-	(23,396)	-	(44,580)
<i>O&M PERSONNEL TOTAL</i>	<u>753,246</u>	<u>672,022</u>	<u>744,833</u>	<u>830,761</u>	<u>844,199</u>	<u>829,349</u>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	454	836	292	650	458	650
7120 Office supplies	1,058	174	865	1,000	557	695
7130 Postage/shipping charges	54	7	33	-	-	-
7140 Training expenses	1,360	4,411	4,764	3,000	2,793	3,000
7145 Travel expenses	304	378	-	640	-	640
7225 Safety supplies	6,327	6,141	16,655	8,000	30,000	25,000
7299 Other materials & supplies	114,878	20,365	34,264	32,000	68,855	65,500
7315 Food, meals, ice, water	535	273	778	500	296	-
7325 Rental of equip/storage/land	8,102	13,860	7,920	10,000	-	10,000
7335 Wearing apparel & dry goods	4,917	2,471	2,819	3,000	4,535	5,000
7415 Fuels & lubricants	23,733	15,737	25,378	19,000	50,060	43,000
7505 Maint. of communication equipment	-	-	-	750	-	750
7645 Maintenance services	719,178	400,297	195,518	200,000	143,250	320,000
7801 Communication equipment	-	-	-	5,000	-	5,000
7820 Office furniture & equipment	500	-	367	-	-	-
7835 Tools, shop and garage equipment	6,270	1,529	5,948	5,000	11,098	10,000
7899 Other minor tools & equipment	5,843	862	9,647	8,000	5,693	8,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>893,514</u>	<u>467,342</u>	<u>305,247</u>	<u>296,540</u>	<u>317,595</u>	<u>497,235</u>
	1,646,760	1,139,364	1,050,080	1,127,301	1,161,794	1,326,584



Department Responsibility: Francisco Valdez, Jr

Title: W/WW Operation & Maintenance Area Manager

Telephone Ext: 6549

Dept. No: 3150

PERFORMANCE MEASURES FOR THE WATER/WASTEWATER CONSTRUCTION & OPERATIONS DEPARTMENT

Department Function:

The Water/Wastewater Operations & Construction Department is responsible for the operations, construction, and maintenance of the Brownsville PUB water and wastewater utility system, which includes maintenance and repairs of water mains, water service lines, water meters, water main valves and hydrants, wastewater force mains, gravity mains, new water and wastewater line extensions, special projects, water audits, manage daily department activities, generate reports, and provide support to other departments.

Department Goals/Objectives:

The Water/Wastewater Department objective is to effectively provide and maintain high quality service for Brownsville PUB internal and external customers. To complete all functions of the department by enhancing reliability, responsiveness, and total commitment in providing a safe working environment to our employees and to the safe delivery of quality services to our customers.

INPUT MEASURES

Employees
Total O&M Expenses
Miles of Water & Wastewater Mains
Number of Service Requests
Number of Service Orders
Overtime Expenses

OUTPUT MEASURES

Water Mains/Service Line No. of Repairs
Wastewater Line No. of Repairs
Number of W/WW Service Connections per year-September.

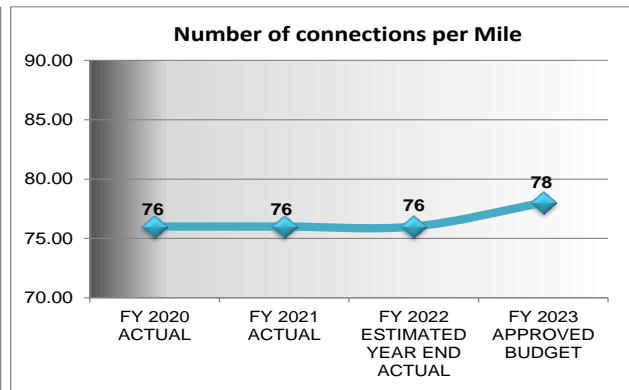
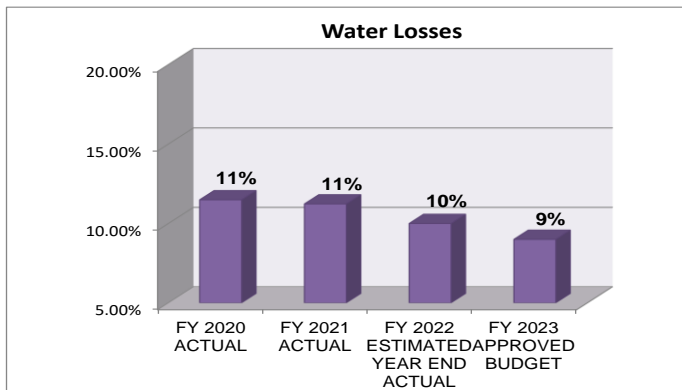
OUTCOME MEASURES

Ongoing Maintenance
Average Response Time Per Call
Water Losses
Number of connections per Mile

EFFICIENCY MEASURES

Turnaround Time Per New Connection (days)
Average Cost per Customer per W/WW Connection

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
70	45	45	44
\$ 4,631,566	\$ 3,638,886	\$ 4,084,978	\$ 3,819,194
1,378	1,411	1,389	1,392
22,023	23,641	19,842	22,000
13,576	14,589	10,880	12,000
\$ 135,602	\$ 140,426	\$ 188,531	\$ 180,600
1,574	1,797	1,363	1,400
348	387	329	350
104,070	104,752	108,106	110,000
YES	YES	YES	YES
90min.	90min.	90min.	90min.
11.49%	11.23%	10.00%	9.00%
76	76	76	78
10	10	15	15
\$ 3,272	\$ 3,272	\$ 4,895	\$ 4,895



DEPARTMENT 3150 – WATER/WASTEWATER OPERATIONS & CONSTRUCTION

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 191,450	\$ 170,363	\$ 141,565	\$ 179,796	\$ 178,269	\$ 178,766
6110 Clerical staff	103,567	84,154	67,144	69,954	70,371	69,950
6115 Operational staff	1,562,667	1,272,239	996,689	1,301,475	1,097,835	1,290,598
6130 Overtime	263,647	230,931	200,640	165,609	267,981	185,601
6201 T.M.R.S.	432,688	357,547	278,847	271,378	295,528	270,919
6205 F.I.C.A.	127,747	106,531	85,038	95,871	98,746	95,438
6206 Suta	1,987	4,950	325	-	1,581	-
6210 Medicare	29,876	24,914	19,888	22,422	23,094	22,320
6214 Dental Insurance	26,227	23,733	18,345	26,419	20,136	25,049
6215 Hospitalization insurance	475,180	406,352	343,135	499,729	389,118	497,488
6220 Life Insurance	1,992	1,493	1,152	1,923	1,239	1,925
6221 Long Term Disability Insurance	2,746	2,854	2,215	3,093	2,411	3,079
6225 Workers Compensation	55,567	46,024	36,013	38,658	42,436	38,483
6230 Vacation leave	6,916	(22,124)	18,149	18,962	5,716	19,657
6235 Sick leave	4,533	(100,184)	19,470	20,863	7,067	21,627
6250 Miscellaneous personnel benefits	878	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(74,246)	-	(138,538)
<i>O&M PERSONNEL TOTAL</i>	<i>3,287,670</i>	<i>2,609,778</i>	<i>2,228,614</i>	<i>2,641,905</i>	<i>2,501,526</i>	<i>2,582,362</i>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	2,344	1,690	2,698	1,300	2,620	1,500
7120 Office supplies	5,965	3,638	3,532	2,000	1,619	2,000
7130 Postage/shipping charges	-	28	-	-	-	-
7140 Training expenses	3,308	3,962	5,359	2,000	6,832	2,000
7145 Travel expenses	681	133	42	500	96	500
7180 Utilities - departmental	36,756	34,862	32,504	20,500	31,297	27,500
7201 Barricades & signs	1,844	5,510	6,206	2,000	8,384	6,000
7203 Sand, Caliche, Gravel, Concrete etc	39,587	26,738	58,011	61,000	152,002	61,000
7210 Landscaping/Trade a Tree Program	3,463	1,413	708	2,000	464	2,000
7215 Laundry & janitorial supplies	-	35	-	-	-	-
7225 Safety supplies	35,324	58,182	38,695	20,000	34,997	31,750
7293 Chemicals - other	1,399	2,968	7,711	6,000	2,255	5,880
7299 Other materials & supplies	448,454	436,968	187,330	200,000	160,067	171,000
7315 Food, meals, ice, water	2,605	1,334	1,711	1,000	1,657	-
7325 Rental of equip/storage/land	12,159	42,612	19,888	20,000	6,151	20,000
7335 Wearing apparel & dry goods	25,131	15,454	11,764	4,000	12,610	10,000
7415 Fuels & lubricants	144,896	131,755	149,892	110,000	212,980	110,000
7501 Maint. of buildings & structures	8,975	1,495	448	-	-	-
7505 Maint. of communication equipment	1,387	-	1,563	750	670	750
7515 Maint. of major equipment	-	1,607	-	1,000	18	1,000
7520 Maint. of minor equipment	1,924	1,791	2,043	1,500	1,186	1,500
7575 Maint. of water meters	333,872	397,698	94	-	-	-
7577 Maint. of distribution mains	83,423	70,510	88,205	100,000	141,673	84,752
7585 Maint. of sewer force mains	557	1,618	4,228	8,000	6,248	8,000
7586 Maint. of sewer gravity lines	40,809	50,021	87,769	50,000	106,080	75,000
7599 Maintenance / other	867	187	917	-	-	-
7630 Construction contractor services	346,143	287,016	272,881	222,000	367,056	255,000
7645 Maintenance services	400	75,904	-	-	-	-
7655 Hauling Services	141,694	66,895	68,720	66,000	49,308	66,000
7699 Other services	297,131	209,735	312,956	220,000	245,191	250,000
7801 Communication equipment	12,346	14,215	888	7,000	30	2,000
7805 Computer equipment	418	798	-	700	-	700
7820 Office furniture & equipment	279	-	-	-	-	-
7899 Other minor tools & equipment	114,407	74,936	43,510	50,000	31,963	41,000
<i>O&M NON-PERSONNEL TOTAL</i>	<i>2,148,547</i>	<i>2,021,788</i>	<i>1,410,272</i>	<i>1,179,250</i>	<i>1,583,452</i>	<i>1,236,832</i>
	5,436,217	4,631,566	3,638,886	3,821,155	4,084,978	3,819,194



Department Responsibility: Jose G. Garza, Jr.

Title: W/WW Maintenance Oper Manager

Telephone Ext: 6350

Dept. No: 3155

**PERFORMANCE MEASURES
FOR THE
WATER/WASTEWATER MAINTENANCE & OPERATIONS DEPARTMENT**

Department Function:

The Water/Wastewater Maintenance & Operation Department is responsible for the operations and maintenance of the Brownsville PUB water and wastewater utility system, which includes maintenance and repairs of water mains, water service lines, water meters, water main valves and hydrants, wastewater force mains, gravity mains, new water and wastewater line extensions, special projects, water audits, manage daily department activities, generate reports, and provide support to other departments.

Department Goals/Objectives:

The Water/Wastewater Maintenance & Operation is to effectively provide and maintain high quality service for Brownsville PUB internal and external customers. To complete all functions of the department by enhancing reliability, responsiveness, and total commitment in providing a safe working environment to our employees and to the safe delivery of quality services to our customers.

INPUT MEASURES

Employees
Total O&M Expenses
Miles of Water & Wastewater Mains
Number of Service Requests
Number of Service Orders
Overtime Expenses

OUTPUT MEASURES

Total number of Water Meters installed
Total number of Water Meters Tested
Number of W/WW Service Connections

OUTCOME MEASURES

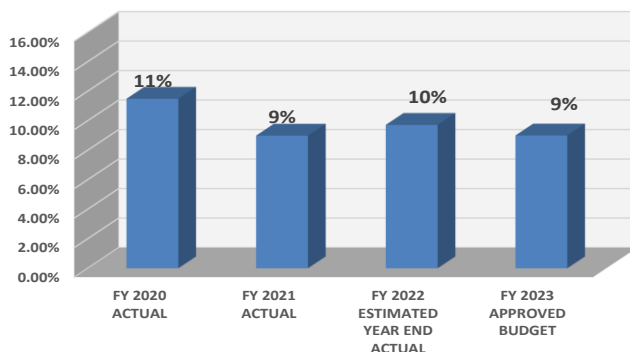
Ongoing Maintenance
Average Response Time Per Call
Water Losses
Total number of Hydrants Maintained

EFFICIENCY MEASURES

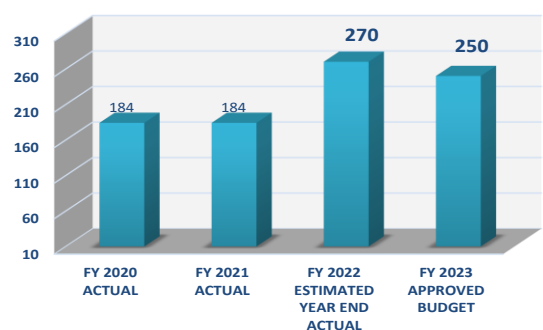
Cost per 3/4" x 5/8" meter
Turnaround Time Per New Connection (days)
Average Cost per Customer per W/WW Connection

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
-	34	34	34
\$ 844,723	\$ 2,219,745	\$ 2,433,267	\$ 2,664,710
1,378	1,378	1,389	1,392
7,864	9,354	10,629	9,800
7,560	9,354	6,514	6,350
\$ 34,387	\$ 91,474	\$ 109,782	\$ 135,600
4,136	6,184	7,778	6,775
4,549	5,698	8,214	5,500
749	808	1,536	830
YES	YES	YES	YES
90min	90min	90min	90min
11%	9%	10%	9%
184	184	270	250
\$ 58	\$ 58	\$ 59	\$ 59
15	15	15	15
\$ 4,858	\$ 4,858	\$ 5,000	\$ 5,000

Water Losses



Total number of Hydrants Maintained



DEPARTMENT 3155 – WATER/WASTEWATER MAINTENANCE & OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ 99,538	\$ 140,013	\$ 155,850	\$ 124,775	\$ 157,984
6110 Clerical staff	-	12,477	28,052	29,178	29,436	29,182
6115 Operational staff	-	275,373	607,561	804,528	652,171	820,161
6130 Overtime	-	34,387	91,474	115,601	128,776	115,600
6140 Severance Pay	-	3,299	1,903	-	-	-
6201 T.M.R.S.	-	88,197	194,157	173,667	209,453	177,290
6205 F.I.C.A.	-	25,512	52,916	61,353	58,012	62,454
6210 Medicare	-	5,966	12,375	14,349	13,567	14,606
6214 Dental Insurance	-	5,842	13,090	15,492	12,208	15,617
6215 Hospitalization insurance	-	103,382	239,732	287,344	232,025	296,130
6220 Life Insurance	-	382	828	1,231	798	1,262
6221 Long Term Disability Insurance	-	733	1,576	1,979	1,532	2,015
6225 Workers Compensation	-	11,608	23,666	24,739	25,492	25,183
6230 Vacation leave	-	77,081	5,456	11,986	12,695	12,864
6235 Sick leave	-	100,949	(34,349)	13,187	(72)	14,153
6260 Vacancy Savings	-	-	-	(46,930)	-	(90,659)
<i>O&M PERSONNEL TOTAL</i>	-	844,723	1,378,450	1,663,555	1,500,870	1,653,842
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	1,113	1,200	1,976	1,400
7120 Office supplies	-	-	1,281	1,000	732	1,000
7140 Training expenses	-	-	1,514	1,500	15,782	3,000
7145 Travel expenses	-	-	59	500	402	500
7201 Barricades & signs	-	-	780	-	1,496	1,000
7203 Sand, Caliche, Gravel, Concrete etc	-	-	28	1,000	17	500
7210 Landscaping/Trade a Tree Program	-	-	-	-	58	500
7225 Safety supplies	-	-	30,590	20,000	21,020	20,500
7293 Chemicals - other	-	-	1,789	2,000	1,095	2,000
7299 Other materials & supplies	-	-	89,423	87,000	41,600	87,000
7315 Food, meals, ice, water	-	-	1,010	1,000	1,511	-
7335 Wearing apparel & dry goods	-	-	1,675	500	7,820	4,000
7415 Fuels & lubricants	-	-	68,126	40,000	91,990	50,000
7505 Maint. of communication equipment	-	-	442	-	185	-
7515 Maint. of major equipment	-	-	1,758	500	10,609	14,000
7520 Maint. of minor equipment	-	-	1,227	500	55	1,000
7575 Maint. of water meters	-	-	341,047	272,319	317,517	325,000
7577 Maint. of distribution mains	-	-	142,563	100,000	148,161	150,000
7586 Maint. of sewer gravity lines	-	-	29	-	274	-
7599 Maintenance / other	-	-	-	-	49	-
7630 Construction contractor services	-	-	49,761	25,000	185,035	200,000
7645 Maintenance services	-	-	-	50,000	-	50,000
7655 Hauling Services	-	-	57,851	50,000	45,513	50,000
7699 Other services	-	-	10,171	10,000	3,436	10,000
7801 Communication equipment	-	-	13,124	7,000	899	9,468
7805 Computer equipment	-	-	60	-	-	-
7899 Other minor tools & equipment	-	-	25,875	10,000	35,167	30,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	841,295	681,019	932,397	1,010,868
	-	844,723	2,219,745	2,344,574	2,433,267	2,664,710



Department Responsibility: **Hector Herrera, Jr**

Title: **Potable Water Transport Services**

Telephone Ext: **6520**

Dept. No: **3160**

**PERFORMANCE MEASURES
FOR THE
Potable Water Transport Service**

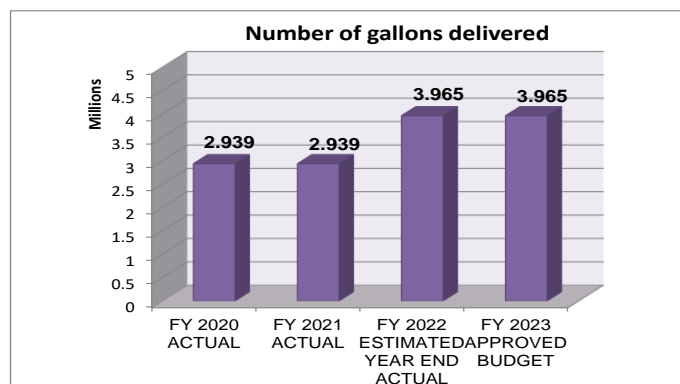
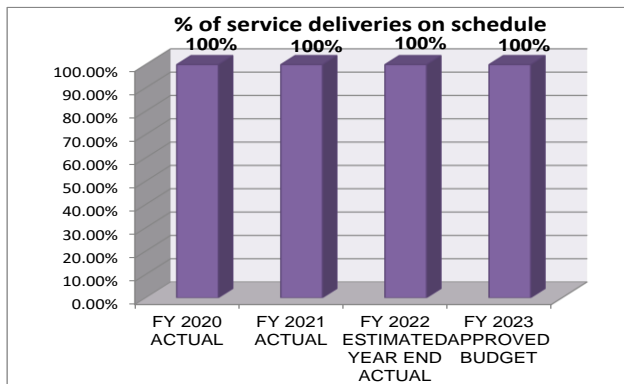
Department Function:

The transporting and hauling of potable water for special projects and or emergency responds support.

Department Goals/Objectives:

To effectively provide and maintain high quality service for Brownsville PUB internal and external customers. To provide potable water by enhancing reliability, responsiveness, and total commitment to the safe delivery of quality services to our customers.

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
INPUT MEASURES				
Employees		3	2	2
Total O&M Expenses	\$ 21,345	\$ 144,613	\$ 146,221	\$ 145,044
Fuel Cost	\$1.50	\$1.50	\$1.50	\$1.50
Overtime Expenses	\$ 10,000	\$ 10,000	\$ 10,000	\$ 11,000
OUTPUT MEASURES				
Number of gallons delivered	2,938,596	2,938,596	3,965,000	3,965,000
Number of service request	156	156	171	180
OUTCOME MEASURES				
Compliance with state & Federal Reulations	YES	YES	YES	YES
Operate within approved Budget	100%	100%	100%	100%
% of service deliveries on schedule	YES	YES	YES	YES
	100%	100%	100%	100%
EFFICIENCY MEASURES				
O & M Cost per 1,000 gallons	\$1.40	\$1.40	\$1.40	\$1.40
Cost to customer per 1000 gallons	\$0.06	\$0.06	\$0.06	\$0.06



DEPARTMENT 3160 – POTABLE WATER TRANSPORT SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6115 Operational staff	-	9,106	78,021	80,371	\$ 79,832	\$ 80,371
6130 Overtime	-	1,557	13,338	11,040	7,810	11,012
6201 T.M.R.S.	-	1,858	16,214	14,105	15,373	14,145
6205 F.I.C.A.	-	648	5,557	4,983	5,287	4,983
6210 Medicare	-	152	1,300	1,165	1,236	1,165
6214 Dental Insurance	-	109	873	968	997	1,169
6215 Hospitalization insurance	-	2,142	18,496	20,921	19,166	21,758
6220 Life Insurance	-	7	74	98	71	98
6221 Long Term Disability Insurance	-	14	145	161	141	161
6225 Workers Compensation	-	267	2,336	2,009	2,206	2,009
6230 Vacation leave	-	3,890	(713)	977	1,688	1,026
6235 Sick leave	-	1,596	(1,278)	1,075	3,310	1,129
6260 Vacancy Savings	-	-	-	(3,827)	-	(7,233)
<i>O&M PERSONNEL TOTAL</i>	-	21,345	134,363	134,046	137,117	131,794
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	-
7140 Training expenses	-	-	-	600	350	-
7145 Travel expenses	-	-	-	300	-	-
7225 Safety supplies	-	-	1,092	1,000	551	1,250
7293 Chemicals - other	-	-	418	-	2,631	-
7299 Other materials & supplies	-	-	1,347	1,500	-	1,500
7335 Wearing apparel & dry goods	-	-	-	500	-	500
7315 Food, meals, ice, water	-	-	-	-	30	-
7415 Fuels & lubricants	-	-	-	5,000	-	2,500
7520 Maint. of minor equipment	-	-	570	500	560	1,000
7699 Other services	-	-	570	-	-	-
7801 Communication equipment	-	-	-	2,500	-	1,500
7899 Other minor tools & equipment	-	-	6,254	3,000	4,982	5,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	10,250	14,900	9,104	13,250
	-	21,345	144,613	148,946	146,221	145,044



Department Responsibility: **Arnold Gonzalez**

Title: **W/WW Operator Chief**

Telephone Ext: **6500**

Dept. No: **3210**

PERFORMANCE MEASURES FOR THE SOUTH WASTEWATER TREATMENT PLANT DEPARTMENT

Department Function:

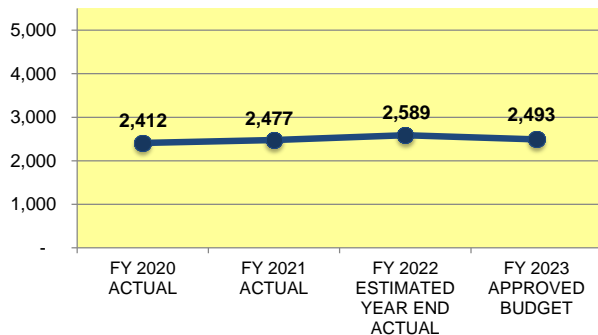
The primary function of the South Wastewater Treatment Plant is to treat wastewater in the most cost efficient way and in accordance with state and federal requirements.

Department Goals/Objectives:

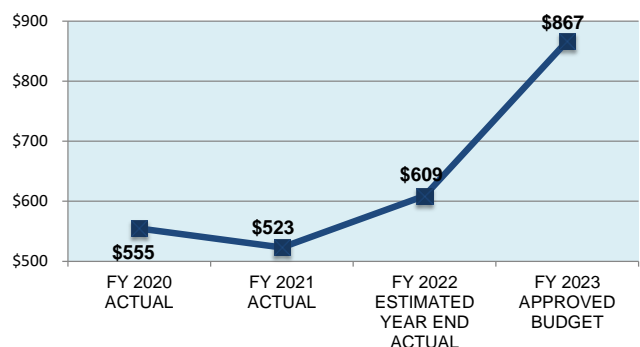
To provide value and service to our customers by operating the treatment plant in the most efficient way. To protect the environment and operate within TPDES permit requirements. To budget for maintenance projects that sustain plant operations.

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
INPUT MEASURES				
Employees	9	8	9	8
Total O&M Expenses	\$ 1,337,872	\$ 1,296,696	\$ 1,764,854	\$ 2,397,466
Dry Tons Sludge to Site	1,178	1,146	1,203	1,176
Gallons Treated	2,411,724,000	2,476,989,000	2,588,976,000	2,492,563,000
OUTPUT MEASURES				
Reports Produced	18	18	18	18
Annual Statistical Reports	1	1	1	1
Operational Budget Reports Produced	12	12	12	12
OUTCOME MEASURES				
Operate Within Permit Compliance	Yes	Yes	Yes	Yes
Operate Within Approved Budget	Yes	Yes	Yes	Yes
% of CIP Projects Completed on Schedule	100%	100%	100%	100%
Cost to Treat 1 MGD	\$ 555	\$ 523	\$ 609	\$ 867
EFFICIENCY MEASURES				
Average CBOD % Removal mg/l	99%	98%	98%	98%
Average TSS % Removal mg/l	97%	96%	96%	96%

Millions of Gallons Treated



Cost to Treat 1 MGD



DEPARTMENT 3210 - SOUTH WASTEWATER TREATMENT PLANT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 55,812	\$ 57,787	\$ 57,629	\$ 60,441	\$ 50,390	\$ 53,622
6115 Operational staff	254,937	247,731	228,806	321,801	294,019	315,078
6130 Overtime	23,215	28,535	32,627	33,652	39,842	55,584
6201 T.M.R.S.	59,487	58,376	56,703	67,083	68,497	64,891
6205 F.I.C.A.	19,917	19,936	19,055	23,699	23,664	22,859
6210 Medicare	4,658	4,662	4,456	5,543	5,534	5,346
6214 Dental Insurance	3,870	4,223	3,985	4,876	3,682	4,474
6215 Hospitalization insurance	69,715	70,126	72,292	90,518	68,823	86,577
6220 Life Insurance	306	283	263	449	283	438
6221 Long Term Disability Insurance	443	559	522	764	589	737
6225 Workers Compensation	8,397	8,351	8,048	9,556	9,764	9,218
6230 Vacation leave	3,222	4,359	781	3,930	644	4,708
6235 Sick leave	(4,348)	(24,305)	(299)	4,324	(13,184)	5,180
6260 Vacancy Savings	-	-	-	(15,388)	-	(33,183)
<i>O&M PERSONNEL TOTAL</i>	499,633	480,623	484,867	611,248	552,547	595,531
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	111	222	815	400	-	522
7120 Office supplies	376	717	118	500	722	500
7130 Postage/shipping charges	4,141	7,363	4,272	6,500	3,997	6,500
7140 Training expenses	995	1,006	2,675	2,975	2,260	2,400
7145 Travel expenses	183	669	518	640	-	560
7180 Utilities - departmental	440,922	483,434	482,853	428,000	704,392	540,000
7201 Barricades & signs	-	-	-	100	-	300
7203 Sand, Caliche, Gravel, Concrete etc	2,098	-	-	-	-	-
7215 Laundry & janitorial supplies	198	531	345	600	70	600
7225 Safety supplies	2,123	2,504	4,524	1,500	5,247	3,000
7283 Chemicals - chlorine	79,704	69,099	62,988	93,129	123,126	231,768
7293 Chemicals - other	29,268	36,612	53,028	42,000	54,339	173,220
7299 Other materials & supplies	8,919	4,193	8,277	10,000	12,229	13,000
7315 Food, meals, ice, water	390	320	82	400	184	-
7325 Rental of equip/storage/land	22,416	2,221	2,673	2,900	38,298	106,960
7335 Wearing apparel & dry goods	3,053	316	1,612	1,505	1,213	1,755
7415 Fuels & lubricants	10,087	494	338	1,000	675	1,000
7501 Maint. of buildings & structures	21,639	113,538	23,233	175,000	76,564	150,000
7515 Maint. of major equipment	144,663	96,888	84,302	80,800	126,825	200,000
7520 Maint. of minor equipment	1,271	-	1,249	1,000	6,331	6,000
7645 Maintenance services	10,047	10,174	28,453	30,000	37,563	22,000
7699 Other services	16,892	11,338	13,704	17,600	10,084	324,600
7810 Laboratory equipment	-	2,695	3,283	5,000	5,698	7,000
7820 Office furniture & equipment	420	602	458	300	457	-
7830 Pumping equipment	2,732	12,297	32,027	10,000	2,034	10,000
7899 Other minor tools & equipment	45	14	-	250	-	250
<i>O&M NON-PERSONNEL TOTAL</i>	802,692	857,249	811,829	912,099	1,212,307	1,801,935
	1,302,325	1,337,872	1,296,696	1,523,347	1,764,854	2,397,466



Department Responsibility: Victor Martinez

Title: W/WW Operator Chief

Telephone Ext: 6554

Dept. No: 3220

**PERFORMANCE MEASURES
FOR THE
ROBINDALE WASTEWATER TREATMENT PLANT DEPARTMENT**

Department Function:

The primary function of the Robindale Wastewater Treatment Plant is to treat wastewater in the most cost efficient way and in accordance with state and federal requirements.

Department Goals/Objectives:

To provide value and service to our customers by operating the treatment plant in the most efficient way. To protect the environment and operate within TPDES permit requirements. To budget for maintenance projects that sustain plant operations.

INPUT MEASURES

Employees
Total O&M Expenses
Dry Tons Sludge to Site
Gallons Treated

OUTPUT MEASURES

Monthly Reports Produced
Annual Statistical Reports
Operational Budget Reports Produced

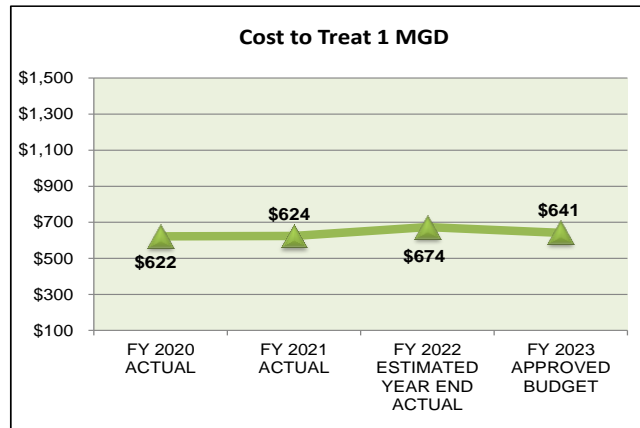
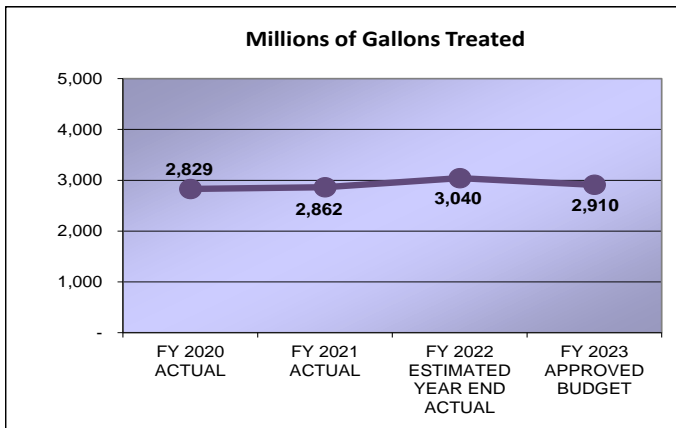
OUTCOME MEASURES

Operate Within Permit Compliance
Operate Within Approved Budget
% of CIP Projects Completed on Schedule
Cost to Treat 1 MGD

EFFICIENCY MEASURES

Average CBOD % Removal mg/l
Average TSS % Removal mg/l

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
10	11	10	11
\$ 1,760,689	\$1,787,306	\$ 2,320,075	\$ 2,239,616
1,072	1,131	1,432	1,212
2,828,719,000	2,862,323,000	3,040,390,000	2,910,477,000
18	18	18	18
1	1	1	1
12	12	12	12
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
100%	100%	100%	100%
\$ 622	\$ 624	\$ 674	\$ 641
99%	99%	99%	99%
98%	99%	98%	99%



DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 145,032	\$ 150,204	\$ 149,493	\$ 156,842	90,415	136,178
6110 Clerical staff	33,322	34,387	34,099	35,534	35,991	35,526
6115 Operational staff	284,092	284,240	257,728	330,909	346,195	369,574
6130 Overtime	33,427	38,747	57,094	50,412	63,149	59,147
6140 Severance Pay	-	-	3,394	-	-	-
6201 T.M.R.S.	87,844	88,676	93,519	91,837	99,392	95,265
6205 F.I.C.A.	29,773	30,135	31,561	32,444	34,406	33,559
6206 Suta	1,486	-	-	-	-	-
6210 Medicare	6,963	7,048	7,381	7,588	8,046	7,849
6214 Dental Insurance	4,748	5,280	5,206	6,251	5,168	6,653
6215 Hospitalization insurance	90,534	105,639	103,795	119,645	95,887	117,323
6220 Life Insurance	449	423	406	616	402	636
6221 Long Term Disability Insurance	668	865	830	1,047	838	1,083
6225 Workers Compensation	12,414	12,703	12,700	13,082	14,262	13,532
6230 Vacation leave	(17,224)	14,284	1,196	5,642	30,321	6,912
6235 Sick leave	(41,695)	(19,309)	(2,221)	6,207	40,153	7,605
6240 Educational assistance	660	-	-	1,000	-	-
6260 Vacancy Savings	-	-	-	(22,089)	-	(48,715)
<i>O&M PERSONNEL TOTAL</i>	672,494	753,321	756,181	836,968	864,625	842,127
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	318	186	111	346	599	672
7120 Office supplies	1,409	769	1,178	1,300	1,448	700
7130 Postage/shipping charges	2,640	3,249	2,824	3,000	3,324	3,000
7140 Training expenses	2,805	896	2,098	3,825	2,284	2,400
7145 Travel expenses	514	1,967	-	800	100	700
7180 Utilities - departmental	469,757	396,461	441,749	400,000	610,180	540,000
7201 Barricades & signs	-	61	-	800	-	100
7203 Sand, Caliche, Gravel, Concrete etc	14,855	-	-	-	-	-
7215 Laundry & janitorial supplies	196	737	416	600	492	600
7225 Safety supplies	2,481	5,922	4,336	3,000	2,713	3,000
7279 Ultraviolet light system expenses	277,680	208,187	149,972	185,000	62,478	185,000
7286 Chemicals - deodorants	165	-	-	-	-	-
7293 Chemicals - other	37,620	45,216	73,656	46,400	82,186	252,807
7299 Other materials & supplies	13,040	15,509	9,964	17,000	3,885	12,000
7315 Food, meals, ice, water	640	373	277	800	471	-
7325 Rental of equip/storage/land	3,581	2,781	2,106	4,020	36,423	15,500
7335 Wearing apparel & dry goods	3,000	896	1,515	2,010	1,091	2,010
7415 Fuels & lubricants	4,966	2,071	1,576	2,000	1,747	2,000
7501 Maint. of buildings & structures	48,699	16,120	3,700	40,000	106,302	50,000
7515 Maint. of major equipment	259,923	222,843	251,674	228,000	415,656	228,000
7520 Maint. of minor equipment	5,300	4,818	10,403	7,500	5,684	5,000
7645 Maintenance services	48,732	23,209	46,779	45,620	53,859	46,000
7699 Other services	12,749	7,888	8,454	12,600	6,720	8,000
7801 Communication equipment	-	450	504	500	495	500
7810 Laboratory equipment	2,120	3,178	272	5,000	3,154	1,000
7820 Office furniture & equipment	1,494	1,076	1,274	800	467	-
7830 Pumping equipment	9,965	41,268	15,024	20,000	53,364	36,500
7899 Other minor tools & equipment	738	1,239	1,263	2,000	328	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	1,225,387	1,007,368	1,031,125	1,032,921	1,455,450	1,397,489
	1,897,881	1,760,689	1,787,306	1,869,889	2,320,075	2,239,616



Department Responsibility: Hector Herrera Jr
 Title: W/WW Plant Maint&Lift Stations
 Manager Manager
 Telephone Ext: 6520
 Dept. No: 3225

**PERFORMANCE MEASURES
FOR THE
WATER/WASTEWATER SLUDGE MANAGEMENT DEPARTMENT**

Department Function:

The W/WW Sludge Management Department is responsible for the transportation and final disposal of sludge from the Water Treatment Plants, Wastewater Treatment Plants and Resaca Maintenance (sediment). Additionally, provides assistance to various BPUB departments with special assinged construction projects. Ensures day to day operations are in compliance with state and ferderal agency rules and regulations.

Department Goals/Objectives:

To cost-effectively provide superior customer service to internal and external customers. By planning and coordinating goals and objectives in accordance with PBUB's Strategic Plan. By responding to special assigned construction projects with expediency while maintaining the sludge transport and disposal services required.

INPUT MEASURES

No. Of Employees (FTE's)
 Total O&M Expenses

OUTPUT MEASURES

Resaca Sediment Hauling (cu-yd)
 Water Plant Sludge Hauling (cu-yd)
 Wastewater Plant Bio-solids Hauling (cu-yd)
 Special Project Hauling (cu-yd)
 Total Cubic Yards Hauled
 Number Service Request For Other Departments

OUTCOME MEASURES

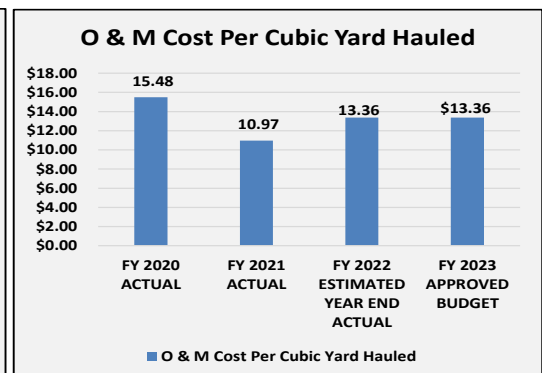
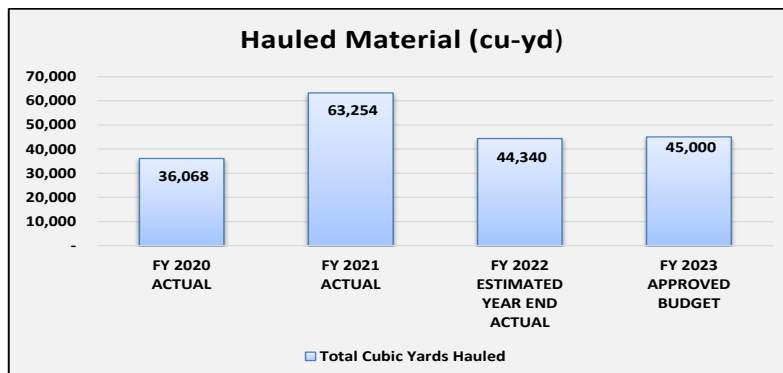
Compliance With State & Federal Regulations
 Operate Within Approved Budget
 % Of Special Projects Completed On Schedule

EFFICIENCY MEASURES

O & M Cost Per Cubic Yard Hauled

Note: New department created in 2019

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
No. Of Employees (FTE's)	8	8	9	9
Total O&M Expenses	\$ 558,439	\$ 620,385	\$ 532,036	\$646,664
Resaca Sediment Hauling (cu-yd)	4,875	32,659	18,766	20,000
Water Plant Sludge Hauling (cu-yd)	1,913	9,345	-	-
Wastewater Plant Bio-solids Hauling (cu-yd)	22,320	22,625	44,340	45,000
Special Project Hauling (cu-yd)	-	-	-	-
Total Cubic Yards Hauled	36,068	63,254	44,340	45,000
Number Service Request For Other Departments	1	13	688	688
Compliance With State & Federal Regulations	YES	YES	YES	YES
Operate Within Approved Budget	YES	YES	YES	YES
% Of Special Projects Completed On Schedule	100%	100%	100%	100%
O & M Cost Per Cubic Yard Hauled	\$15.48	\$ 10.97	\$ 13.36	\$13.36



DEPARTMENT 3225 – WATER/WASTEWATER SLUDGE MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6115 Operational staff	\$ 294,509	\$ 276,763	\$ 311,176	\$ 342,579	\$ 251,399	\$ 341,952
6130 Overtime	64,133	30,632	42,303	42,648	32,519	48,335
6201 T.M.R.S.	63,683	61,267	63,056	60,123	64,583	53,371
6205 F.I.C.A.	21,014	20,396	20,665	21,240	16,986	18,801
6210 Medicare	4,915	4,770	4,833	4,967	3,972	4,397
6214 Dental Insurance	3,686	4,079	4,320	5,207	3,546	5,049
6215 Hospitalization insurance	74,898	75,990	91,396	112,395	74,898	107,903
6220 Life Insurance	290	263	291	419	232	372
6221 Long Term Disability Insurance	414	507	570	685	467	607
6225 Workers Compensation	8,966	8,737	8,856	8,564	7,408	7,581
6230 Vacation leave	17,379	9,477	5,649	4,184	417	4,367
6235 Sick leave	52,743	7,664	(947)	4,603	(1,768)	4,804
6260 Vacancy Savings	-	-	-	(16,381)	-	(30,776)
<i>O&M PERSONNEL TOTAL</i>	606,630	500,545	552,169	591,233	454,660	566,764
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	222	97	406	500	419	500
7120 Office supplies	244	37	784	400	186	400
7140 Training expenses	1,041	120	350	1,000	1,900	400
7145 Travel expenses	90	138	60	500	-	-
7201 Barricades & signs	-	-	84	-	-	-
7203 Sand, Caliche, Gravel, Concrete etc	1,482	-	-	-	-	-
7215 Laundry & janitorial supplies	25	-	151	-	-	-
7225 Safety supplies	402	690	906	740	2,695	3,600
7288 Chemicals - ferric chloride	406	-	-	-	-	-
7299 Other materials & supplies	4,337	2,420	2,868	3,000	4,662	4,000
7315 Food, meals, ice, water	256	130		200	120	-
7335 Wearing apparel & dry goods	3,002	2,460	1,224	2,000	850	2,000
7415 Fuels & lubricants	54,505	50,348	48,440	40,000	61,901	60,000
7801 Communication equipment	-	-	-	7,500	4,154	7,500
7899 Other minor tools & equipment	2,439	1,453	12,944	1,600	490	1,500
<i>O&M NON-PERSONNEL TOTAL</i>	68,449	57,894	68,216	57,440	77,376	79,900
	675,079	558,439	620,385	648,673	532,036	646,664



Department Responsibility: Hector Herrera Jr
 Title: W/WW Plant Maint. & WW Lift Stations Manager
 Telephone Ext: 6520
 Dept. No. 3230

**PERFORMANCE MEASURES
FOR THE
WASTEWATER LIFT STATIONS DEPARTMENT**

Department Function:

The Lift Stations Department operates and maintains BPUB's Lift Stations in order to provide wastewater service to BPUB customers.

Department Goals/Objectives:

The Lift Stations Department's objective is to provide best in class wastewater service to BPUB customers while at the same time comply with all applicable local, state, and federal regulations. Its objective is also to maintain high levels of safety measures in all of its daily operations.

INPUT MEASURES

O&M expenditures

Power expenditures

Kilo-watt-hour usage

Labor-hours*

OUTPUT MEASURES

Million gallons of pumped wastewater

OUTCOME MEASURES

Number of customers served

EFFICIENCY MEASURES

Kilo-watt-hours to pump ww from one customer/year

Labor-hours to pump ww every 1000 customer/year

Cost to pump wastewater from one customer/year

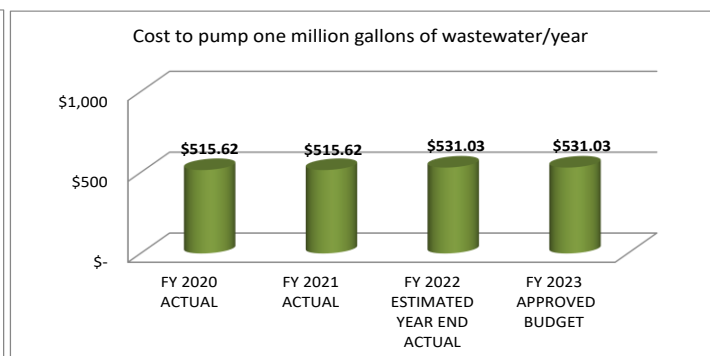
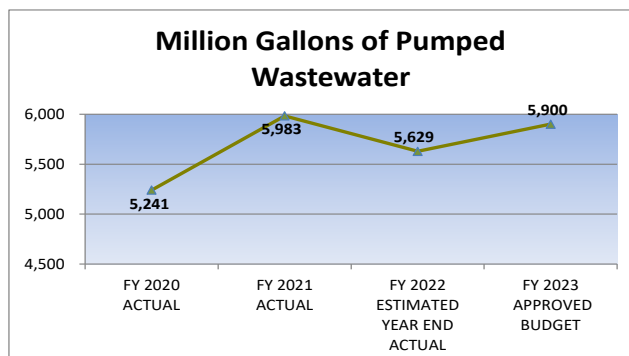
Cost to pump one million gallons of wastewater/year

No. of emergency repairs every 1000 customers/year

NOTE:

*Labor-hours = Total number of actual hours worked (regular, over-time, and call-out pay)

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
O&M expenditures	\$ 2,405,680	\$ 2,682,867	\$ 3,093,555	\$ 2,900,560
Power expenditures	\$ 623,694	\$ 632,584	\$ 658,465	\$ 660,500
Kilo-watt-hour usage	5,551,081	5,551,081	5,551,081	55,551,081
Labor-hours*	66,560	66,560	66,560	66,560
Million gallons of pumped wastewater	5,241	5,983	5,629	5,900
Number of customers served	52,956	54,708	54,738	55,500
Kilo-watt-hours to pump ww from one customer/year	105	106	101	101
Labor-hours to pump ww every 1000 customer/year	1,256	1,216	1,215	1,215
Cost to pump wastewater from one customer/year	\$51.03	\$ 72.00	\$ 54.60	\$ 54.60
Cost to pump one million gallons of wastewater/year	\$515.62	\$ 515.62	\$ 531.03	\$ 531.03
No. of emergency repairs every 1000 customers/year	1.3	1.3	1.9	1.9



DEPARTMENT 3230 – WASTEWATER LIFT STATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 140,710	\$ 118,946	\$ 108,023	\$ 129,773	\$ 133,129	\$ 133,578
6110 Clerical staff	27,859	29,385	32,837	33,852	34,326	33,862
6115 Operational staff	987,148	723,810	572,904	626,369	640,272	646,651
6130 Overtime	174,572	122,504	98,772	170,256	120,532	190,800
6140 Severance Pay	-	6,542	-	-	-	-
6201 T.M.R.S.	245,701	179,545	145,130	138,644	162,996	143,280
6205 F.I.C.A.	80,815	60,216	47,541	48,980	54,271	50,474
6206 Suta					428	
6210 Medicare	18,900	14,083	11,118	11,455	12,693	11,804
6214 Dental Insurance	14,216	12,458	10,820	13,010	11,498	13,087
6215 Hospitalization insurance	246,806	209,925	199,340	241,640	223,455	255,541
6220 Life Insurance	1,117	802	671	959	713	987
6221 Long Term Disability Insurance	1,604	1,590	1,329	1,580	1,445	1,628
6225 Workers Compensation	33,987	25,508	20,445	19,750	23,231	20,352
6230 Vacation leave	6,079	(17,667)	16,561	9,646	9,650	10,396
6235 Sick leave	10,029	(146,893)	7,233	10,613	(399)	11,438
6260 Vacancy Savings	-	-	-	(37,770)	-	(73,268)
<i>O&M PERSONNEL TOTAL</i>	1,989,545	1,340,754	1,272,722	1,418,757	1,428,240	1,450,610
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	1,940	1,046	393	1,000	2,663	3,000
7120 Office supplies	4,582	1,413	1,995	1,000	821	1,000
7130 Postage/shipping charges	73	122	-	-	-	-
7140 Training expenses	6,776	3,476	4,752	5,000	10,250	3,000
7145 Travel expenses	567	360	-	600	59	600
7180 Utilities - departmental	528,059	517,212	541,766	400,000	602,016	450,000
7190 Utilities - CP&L & Mvec	91,307	99,448	99,055	100,000	114,712	105,000
7203 Sand, Caliche, Gravel, Concrete etc	2,179	492	348	-	-	-
7210 Landscaping/Trade a Tree Program	350	-	-	-	-	-
7225 Safety supplies	8,307	21,005	33,869	15,000	37,007	35,000
7286 Chemicals - deodorants	11,914	5,362	6,703	9,800	4,465	10,000
7293 Chemicals - other	95,723	-	13,635	30,000	19,676	20,000
7299 Other materials & supplies	81,499	38,650	108,624	95,000	97,366	100,000
7315 Food, meals, ice, water	844	654	891	500	1,058	-
7325 Rental of equip/storage/land	24,581	46,113	35,066	25,000	20,431	25,000
7335 Wearing apparel & dry goods	11,815	16,460	11,234	10,000	10,493	10,000
7415 Fuels & lubricants	58,068	49,789	53,539	45,000	47,072	45,000
7505 Maint. of communication equipment	1,020	1,480	1,425	750	66	750
7574 Maintenance of wells	111,276	61,355	12,421	20,000	23,227	25,000
7605 Engineering fees	9,794	-	-	5,000	-	-
7630 Construction contractor services	-	-	-	-	4,604	
7645 Maintenance services			182,210	250,000	402,129	350,600
7801 Communication equipment	-	-	-	5,000	3,379	5,000
7805 Computer equipment	-	398	329	1,000	825	1,000
7820 Office furniture & equipment	1,046	-	469	-	223	-
7830 Pumping equipment	172,763	155,339	277,112	200,000	225,675	225,000
7835 Tools, shop and garage equipment	5,783	409	6,306	6,000	10,476	10,000
7899 Other minor tools & equipment	37,024	44,341	18,003	20,000	26,622	25,000
<i>O&M NON-PERSONNEL TOTAL</i>	1,267,287	1,064,926	1,410,145	1,245,650	1,665,315	1,449,950
	3,256,832	2,405,680	2,682,867	2,664,407	3,093,555	2,900,560



Department Responsibility: Marie C. Leal, P.E.

Department Manager: Manager

Telephone Ext: 6275

Dept. No: 3310

**PERFORMANCE MEASURES
FOR THE
WATER & WASTEWATER ENGINEERING DEPARTMENT**

Department Function:

Department facilitates new water and wastewater connections; approves subdivision plats and commercial site plans in cooperation with the City; performs and oversees planning, design, inspection, and construction of water and wastewater infrastructure projects and BPUB Facilities Improvements. The department provides engineering services to raw water, water treatment plants, wastewater treatment plants, lift stations, and construction and operations in order to complete various projects. The department also facilitates grants, compiles information related to the Semi-Annual Report for the Impact Fee Program, and protects the public drinking water system through the prevention of cross connections.

Department Goals/Objectives:

1) To produce accurate cost estimates to customers in order to obtain new water and/or sewer service connections in a timely manner. 2) To produce reviews for the City in order to approve subdivisions and commercial site plans in compliance with BPUB Service Policies. 3) To provide internal data to outside consultants/contractors in order to complete planning, design, and construction projects with accuracy. 4) To perform construction inspection for contractors in order to accept and approve water and wastewater infrastructure. 5) To produce engineering reports, plans, specifications, and cost estimates for water and sewer facilities. 6) To help obtain grants to fund infrastructure projects. 7) To ensure the safety of the public water supply by preventing cross connections through public education and compliance enforcement.

INPUT MEASURES

W/WW Engineering - Number of Engineers/Senior Coordinators

W/WW Engineering - Number of Field Coordinators/Inspectors

W/WW Engineering - Others (Engr. Techs. & OSS)

OUTPUT MEASURES

W/WW Engineering - Number of Construction Purchase Orders Opened

W/WW Engineering - Number of Consulting Purchase Orders Opened

OUTCOME MEASURES

W/WW Engineering - Total Value of Construction Completed in Millions \$

W/WW Engineering - Total Value of Consulting Completed

EFFICIENCY MEASURES

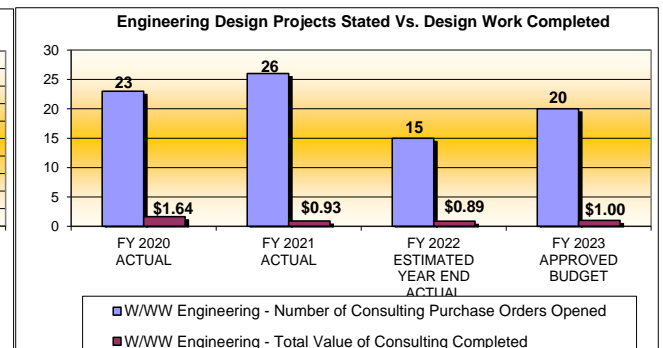
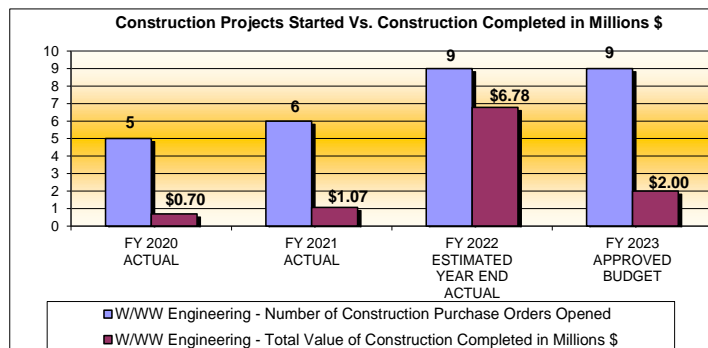
W/WW Construction Work Completed Vs. Department Workforce

W/WW Engineering Design Completed Vs. Department Workforce

W/WW Number of Construction Projects Started Vs. Workforce

W/WW Number of Design Projects Started Vs. Workforce

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
8	8	5	7
4	4	4	4
3	3	3	9
5	6	9	9
23	26	15	20
\$ 0.70	\$ 1.07	\$ 6.78	\$ 2.00
\$ 1.64	\$ 0.93	\$ 0.89	\$ 1.00
\$ 0.05	\$ 0.07	\$ 0.56	\$ 0.10
\$ 0.11	\$ 0.06	\$ 0.07	\$ 0.05
0.33	0.40	0.75	0.45
1.53	1.73	1.25	1.00



DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 50,106	\$ 52,522	\$ 38,849	\$ 175,706	\$ 5,844	\$ 164,986
6105 Administrative Staff	272,472	288,707	299,045	403,857	272,768	387,067
6110 Clerical staff	61,775	83,159	59,962	146,128	52,970	200,034
6130 Overtime	2,649	1,036	2,173	2,601	820	2,601
6201 T.M.R.S.	135,611	154,141	157,333	127,359	135,380	126,705
6205 F.I.C.A.	22,355	25,028	25,086	44,993	21,102	44,635
6210 Medicare	5,228	5,853	5,867	10,523	4,935	10,439
6214 Dental Insurance	3,685	4,415	4,148	7,737	3,438	7,636
6215 Hospitalization insurance	63,126	81,899	85,685	151,353	72,284	150,943
6220 Life Insurance	337	355	335	814	269	829
6221 Long Term Disability Insurance	541	768	726	1,451	583	1,440
6225 Workers Compensation	9,564	10,759	10,844	18,142	9,066	17,998
6230 Vacation leave	4,928	32,172	677	8,755	4,386	9,604
6235 Sick leave	21,362	(24,507)	307	9,632	10,715	10,567
6260 Vacancy Savings	-	-	-	(34,278)	-	(67,688)
<i>O&M PERSONNEL TOTAL</i>	653,739	716,307	691,036	1,074,774	594,561	1,067,795
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	96	107	-	-	446	-
7110 Dues & memberships	238	265	447	500	-	900
7120 Office supplies	11,307	1,887	5,092	1,500	4,627	5,000
7125 Photo equipment/supplies	254	-	-	-	-	-
7130 Postage/shipping charges	346	61	65	200	-	200
7135 Telephone expenses	-	-	-	200	-	200
7140 Training expenses	295	1,659	1,333	2,000	967	5,000
7145 Travel expenses	1,558	2,302	-	1,500	-	3,000
7225 Safety supplies	547	1,344	1,023	1,000	834	1,000
7299 Other materials & supplies	331	4,543	79	500	451	500
7315 Food, meals, ice, water	739	794	22	750	551	-
7325 Rental of equip/storage/land	8,143	4,973	6,017	5,000	424	2,800
7335 Wearing apparel & dry goods	1,539	-	300	1,000	413	1,000
7415 Fuels & lubricants	10,533	8,719	8,335	8,000	15,556	15,000
7605 Engineering fees	82,758	265,134	38,797	100,000	32,436	41,000
7630 Construction contractor services	-	-	-	-	29,000	40,000
7635 Software maintenance service fees	28,864	-	32,606	16,000	-	2,000
7645 Maintenance services	700	6,054	-	5,000	2,215	2,000
7699 Other services	4,950	306	800	3,000	200	1,000
7820 Office furniture & equipment	2,358	-	-	-	-	-
7899 Other minor tools & equipment	3,312	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	158,869	298,149	94,916	146,150	88,120	120,600
	812,608	1,014,456	785,952	1,220,924	682,681	1,188,395



Department Responsibility: Marilyn D. Gilbert
Title: Assistant GM & COO
Telephone Ext: 6709
Dept. No: 4105

**PERFORMANCE MEASURES
FOR THE
OPERATIONS DEPARTMENT**

Department Function:

The Assistant General Manager & Chief Operating Officer (AGM & COO) is the executive officer of the Brownsville PUB, which has responsibility for the operational functions of all the utilities. It is the AGM & COO's responsibility to support the General Manager & CEO to execute the plans and decisions of the Board; thereby, directing and coordinating the activities of all utility employees. The AGM & COO ensures that all policies and resolutions passed by the Board are enforced and duly administered. In addition, the AGM & COO informs the General Manager & CEO and the Board of legislative matters, capital improvements, budget items, policies, and services offered to customers. The Director of Electrical Systems, Director of Operational Support Services, Director of Water/Wastewater Engineering, Planning & Operations, and NERC Compliance Manager & Chief Compliance Officer directly report to the AGM & COO.

Department Goals/Objectives:

The department's objectives are to provide our customers, both internally and externally, with economical, reliable, and responsive service. In addition, the department's goals are to:

- Identify, select, and retain a professional management team
- Conduct periodic staff meetings
- Recognize constraints and limitation of State and Industry guidelines, in addition to other applicable rules and regulations
- Efficiently direct all aspects of the utility systems
- Effectively direct Strategic Planning efforts in order to coordinate and prioritize goals and objectives

INPUT MEASURES

Employees (FTE)
 O&M Expenditures Personnel
 O&M Expenditures Non-Personnel

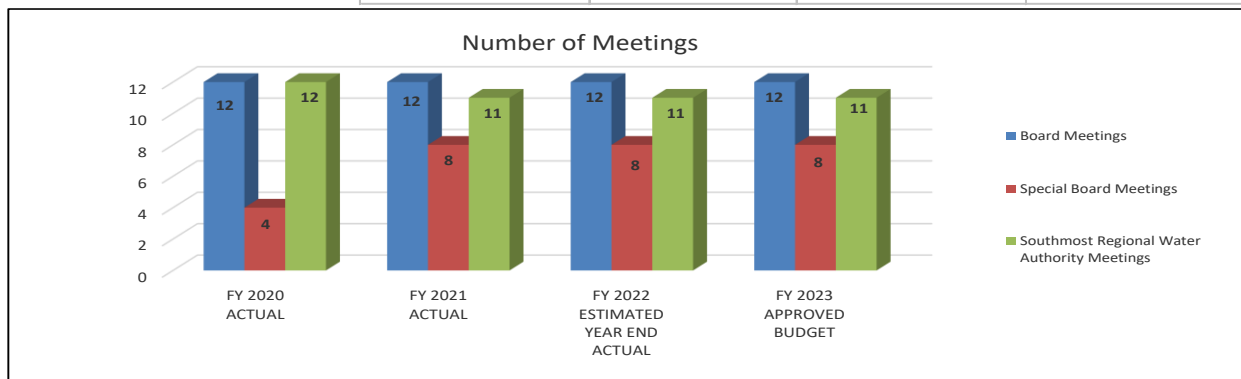
OUTPUT MEASURES

Board Meetings
 Director Meetings
 Agenda Items Reviewed

OUTCOME MEASURES

Joint Meetings with City Commission
 Joint Meetings with Port of Brownsville
 Southmost Regional Water Authority Meetings
 Special Board Meetings
 Joint Meetings with GBIC Director
 Directors/Managers Meetings

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
Employees (FTE)	3	3	3	5
O&M Expenditures Personnel	\$ 463,040	\$ 606,806	\$ 787,765	\$ 857,981
O&M Expenditures Non-Personnel	\$ 216,048	\$ 336,926	\$ 99,360	\$ 113,950
Board Meetings	12	12	12	12
Director Meetings	48	48	48	48
Agenda Items Reviewed	300	300	300	300
Joint Meetings with City Commission	1	1	1	1
Joint Meetings with Port of Brownsville	1	-	-	-
Southmost Regional Water Authority Meetings	12	11	11	11
Special Board Meetings	4	8	8	8
Joint Meetings with GBIC Director	-	-	-	-
Directors/Managers Meetings	7	10	10	10



DEPARTMENT 4105 – OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 287,299	\$ 325,474	\$ 379,855	\$ 508,093	\$ 498,295	\$ 592,771
6110 Clerical staff	46,051	47,568	47,771	48,965	29,104	36,296
6130 Overtime	1,501	1,661	1,574	1,009	1,217	2,295
6201 T.M.R.S.	81,026	89,671	92,388	97,764	118,156	110,716
6205 F.I.C.A.	12,321	16,907	16,818	34,538	27,650	39,002
6210 Medicare	5,000	5,602	6,359	8,077	8,549	9,121
6214 Dental Insurance	1,248	1,549	1,718	2,389	1,765	2,998
6215 Hospitalization insurance	20,781	25,395	31,043	43,765	32,290	57,832
6220 Life Insurance	244	241	283	583	307	669
6221 Long Term Disability Insurance	286	394	461	1,114	508	1,258
6225 Workers Compensation	8,781	9,864	11,212	13,926	15,122	15,727
6230 Vacation leave	11,473	15,422	(1,368)	6,968	20,537	8,033
6235 Sick leave	39,225	(96,567)	(404)	7,667	13,583	8,838
6242 Auto Benefits	15,692	16,500	15,866	24,000	17,192	24,000
6243 Telephone Benefits	3,166	3,360	3,231	5,040	3,489	5,040
6260 Vacancy Savings	-	-	-	(27,285)	-	(56,616)
<i>O&M PERSONNEL TOTAL</i>	534,094	463,040	606,806	776,616	787,765	857,981
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	483	-	-	-	-	-
7110 Dues & memberships	1,189	1,056	289	750	130	750
7120 Office supplies	4,810	2,774	2,689	1,500	4,815	2,000
7130 Postage/shipping charges	99	-	72	150	-	150
7135 Telephone expenses	1,158	-	1,651	1,600	-	500
7140 Training expenses	2,895	695	450	1,500	725	2,500
7145 Travel expenses	14,933	10,917	1,147	7,500	5,252	5,000
7225 Safety supplies	113	377	819	500	186	500
7299 Other materials & supplies	170	506	330	750	365	750
7315 Food, meals, ice, water	1,141	1,374	386	1,000	261	-
7325 Rental of equip/storage/land	-	-	-	4,800	1,921	-
7601 Legal Fees	135,103	197,967	233,814	157,370	85,704	100,000
7635 Software maintenance service fees	-	-	-	300	-	300
7699 Other services	19,831	382	95,278	41,000	-	1,500
7806 Software licenses-new	1,694	-	-	-	-	-
7820 Office furniture & equipment	1,080	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	184,701	216,048	336,926	218,720	99,360	113,950
	718,795	679,088	943,732	995,336	887,125	971,931



Department Responsibility: Lina Alvarez

Title: Energy Risk Manager

Telephone Ext: 6378

Dept. No: 4110

**PERFORMANCE MEASURES
FOR THE
ENERGY RISK MANAGEMENT DEPARTMENT**

Department Function:

Energy Risk Management Department (ERM) independently monitors and reports the execution of energy risk management activities results inclusive of energy transactions, new generation resources risk exposure and evaluation of new strategies to the Risk Oversight Committee (ROC). Also, ERM reviews, processes, and directs new opportunities for long-term power and incremental blocks of energy strategies needed. Perform calculations of risk exposure for the sources of risk identified in the ERM policy using ROC-approved risk measurement methods (if any are necessary). Temporarily adjust hedging and trading limits in order to reduce risk exposure of the organization in response to unusual adverse changes in market or operating conditions on an as-needed basis. Perform stress testing of the portfolio to determine the potential impacts on organizational financial measures that could be caused by large, unexpected price movements.

Department Goals/Objectives:

Goals include third party external auditing of the power marketer provider. Reports that include power and gas price volatility and future curve projections to the Risk Oversight Committee. The Brownsville PUB Board has requested for Brownsville PUB staff to procure/negotiate required energy to meet the native load demands and projections with least risk exposure possible.

INPUT MEASURES

Total O&M Expenses

OUTPUT MEASURES:

ERM Reports (monthly) produced
Audits Produced
Developed Energy Risk Analysis
Energy Risk Management Policy Updated
Review of Other Energy Risk Management Policies
Review of Load Forecast, Generation Resource
Availability & Costs

OUTCOME MEASURES

Transaction accountability review
Increase Energy Risk Management Analysis
Establish frequent policy review
Establish a ERM Software

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
\$ 345,749	\$ 208,933	\$ 223,911	\$ 180,314
25	25	25	25
2	1	2	1
10	10	10	10
1	1	1	1
12	12	12	12
7	5	7	7
yes	yes	yes	yes
yes	yes	yes	yes
yes	yes	yes	yes
yes	yes	yes	yes

DEPARTMENT 4110 – ENERGY RISK MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 89,178	\$ 92,334	\$ 92,081	\$ 96,314	\$ 96,589	\$ 96,325
6201 T.M.R.S.	15,797	16,132	16,343	16,903	16,943	16,953
6205 F.I.C.A.	5,519	5,712	5,697	5,971	5,977	5,972
6210 Medicare	1,291	1,336	1,332	1,397	1,398	1,397
6214 Dental Insurance	398	438	437	484	437	484
6215 Hospitalization insurance	6,249	6,943	7,642	8,643	8,041	8,988
6220 Life Insurance	79	76	75	105	76	105
6221 Long Term Disability Insurance	134	177	176	193	176	193
6225 Workers Compensation	2,229	2,308	2,302	2,408	2,415	2,408
6230 Vacation leave	(555)	2,158	2,955	1,171	(309)	1,230
6235 Sick leave	854	820	-	1,289	261	1,353
6260 Vacancy Savings	-	-	-	(4,586)	-	(8,669)
<i>O&M PERSONNEL TOTAL</i>	121,173	128,435	129,040	130,291	132,004	126,739
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	93	-	-	-	-	-
7110 Dues & memberships	285	288	85	-	45	-
7120 Office supplies	375	173	8	400	1,395	400
7130 Postage/shipping charges	152	16	-	300	-	300
7140 Training expenses	895	-	-	800	600	1,000
7145 Travel expenses	1,937	1,137	-	1,500	1,222	1,500
7299 Other materials & supplies	790	366	564	150	277	150
7315 Food, meals, ice, water	132	34	29	200	15	-
7699 Other services	96,868	212,762	79,209	100,000	87,829	48,825
7805 Computer equipment	-	-	-	900	524	900
7806 Software licenses-new	-	2,344	-	500	-	500
7820 Office furniture & equipment	701	195	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	102,228	217,314	79,893	104,750	91,907	53,575
	223,401	345,749	208,933	235,041	223,911	180,314



Department Responsibility:	Marilyn D. Gilbert
Title:	Assistant General Manager & COO
Telephone Ext:	6709
Dept. No:	4115

**PERFORMANCE MEASURES
FOR THE
ASSET MANAGEMENT DEPARTMENT**

Department Function:

The Asset Management Department's primary function is to establish and support a set of guidelines and processes in accordance to ISO 55000 that will allow BPUB to maximize the use of its physical assets (equipment and tools) via prevent maintenance practices. The department strives for proactive infrastructure management in all three service utilities (electric, water, wastewater) and expects to improve quality and reliability for current and future operations.

Department Goals/Objectives:

The Asset Management Department's goal is maintain, improve, and invest in infrastructure through two major roles: the reliability engineering role (RE) and the work management (WM) role. The RE role identifies and mitigates risks that could adversely affect the utility or business operations and evaluates practices to maximize equipment reliability at minimum life cycle cost. The WM role is responsible for planning and scheduling all maintenance work performed in the different sectors of the utility.

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
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INPUT MEASURES

Employees (FTE's)

O&M Budget

OUTPUT MEASURES

RE - PM/ PDM Compliance

RE - Mean Time Between Failures

RE - Mean Time To Repair

RE - % Emergency Maintenance

RE - % Preventive Maintenance

RE - % Planned Maintenance

OUTCOME MEASURES

WM - Maintenance Resource Utilization

WM - Maintenance Schedule Compliance

WM - Maintenance Schedule Completion

WM - PM/PDM Work

WM - Maintenance Backlog - Total

WM - Maintenance Backlog - Ready

EFFICIENCY MEASURES

RE - Maintenance Cost % of Total Cost

WM - Yearly Scheduling Effectiveness

N/A	N/A	N/A	N/A
\$ -	\$ -	\$ 40,936	\$ 254,500
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
0%	0%	0%	0%
0%	0%	0%	0%
0%	0%	0%	0%
0%	0%	0%	0%
0%	0%	0%	0%
0%	0%	0%	0%
0%	0%	0%	0%
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
0%	0%	0%	0%
0%	0%	0%	0%

DEPARTMENT 4115 –ASSET MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6130 Overtime	\$ -	\$ -	\$ -	\$ 1,009	\$ -	\$ 1,000
<i>O&M PERSONNEL TOTAL</i>	-	-	-	1,009	-	1,000
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	500	-	500
7120 Office supplies	-	-	-	2,000	-	2,000
7140 Training expenses	-	-	-	1,541	-	-
7145 Travel expenses	-	-	-	3,000	-	-
7225 Safety supplies	-	-	-	200	-	200
7299 Other materials & supplies	-	-	-	800	-	800
7605 Engineering fees	-	-	-	100,000	40,936	250,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	-	108,041	40,936	253,500
	-	-	-	109,050	40,936	254,500



Department Responsibility: **Gustavo C. Leal**

Title: **NERC Compliance Manager & CCO**

Telephone Ext: **6314**

Dept. No: **4210**

**PERFORMANCE MEASURES
FOR THE
NERC COMPLIANCE DEPARTMENT**

Department Function:

The NERC Compliance Department is primarily responsible for overseeing and managing the Brownsville Public Utilities Board NERC Compliance Program. The department is also responsible for ensuring that the different applicable company departments and its employees are in compliance with regulatory requirements and BPUB internal policies and procedures pertaining to this program.

Department Goals/Objectives:

The NERC Compliance Department's goals and objectives are to ensure that BPUB complies with all applicable FERC, NERC and ERCOT protocols and regulations and to continually and proactively review its operations and activities to comply with applicable standards and requirements.

INPUT MEASURES

Number of Employees

O&M Personnel Expenses

O&M Non-Personnel Expenses

OUTPUT MEASURES

Yearly Misoperations Submittals

Number of 693 Policies and Procedures Reviewed

Number of CIP Policies and Procedures Reviewed

Quarterly Awareness Submittals for Employees with access to Critical Cyber Assets

Quarterly Employee Verification Submittals for Authorized Personnel

Total Number of Online Training Hours

Number of NERC requirements

ERCOT protocols and operating guides sections

OUTCOME MEASURES

Number of Trainings to Provide

Review of NERC Responsibility Matrix

EFFICIENCY MEASURES

% of NERC Compliance

% of Trainings Completed

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
Number of Employees	5	5	5	5
O&M Personnel Expenses	\$ 446,549	\$ 464,267	\$ 520,868	\$ 548,822
O&M Non-Personnel Expenses	\$ 52,234	\$ 28,389	\$ 45,208	\$ 54,700
Yearly Misoperations Submittals	4	4	4	4
Number of 693 Policies and Procedures Reviewed	37	37	40	40
Number of CIP Policies and Procedures Reviewed	10	10	19	19
Quarterly Awareness Submittals for Employees with access to Critical Cyber Assets	4	4	4	4
Quarterly Employee Verification Submittals for Authorized Personnel	4	4	4	4
Total Number of Online Training Hours	368	248	388	292
Number of NERC requirements	776	789	866	866
ERCOT protocols and operating guides sections	35	36	36	36
Number of Trainings to Provide	13	13	13	13
Review of NERC Responsibility Matrix	2	2	2	2
% of NERC Compliance	100%	100%	100%	100%
% of Trainings Completed	100%	100%	100%	100%

DEPARTMENT 4210 – NERC COMPLIANCE

	ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>							
PERSONNEL	6101 Supervision	\$ 108,555	\$ 112,392	\$ 112,321	\$ 117,237	\$ 118,829	\$ 117,250
	6105 Administrative Staff	191,428	197,478	190,839	245,880	238,403	276,702
	6110 Clerical staff	25,224	-	-	-	-	-
	6130 Overtime	139	-	-	-	-	-
	6201 T.M.R.S.	57,848	55,738	55,726	63,727	62,629	69,336
	6205 F.I.C.A.	19,532	19,174	18,715	22,513	21,369	24,425
	6210 Medicare	4,568	4,484	4,377	5,265	4,998	5,712
	6214 Dental Insurance	2,263	2,039	2,217	2,946	2,447	2,946
	6215 Hospitalization insurance	41,950	38,533	47,775	63,719	55,434	66,268
	6220 Life Insurance	299	260	259	404	286	437
	6221 Long Term Disability Insurance	482	589	584	726	650	788
	6225 Workers Compensation	8,164	7,976	7,848	9,078	8,931	9,849
	6230 Vacation leave	(619)	8,859	16,206	4,449	2,957	5,031
	6235 Sick leave	(4,960)	(972)	7,399	4,895	3,936	5,535
	6260 Vacancy Savings	-	-	-	(17,419)	-	(35,456)
PERSONNEL Total	<i>O&M PERSONNEL TOTAL</i>	454,872	446,549	464,267	523,419	520,868	548,822
<i>O&M NON-PERSONNEL</i>							
NON-PERSONNEL	7105 Books & periodicals	119	-	-	-	-	-
	7110 Dues & memberships	45	45	45	50	45	100
	7120 Office supplies	557	293	604	500	765	600
	7130 Postage/shipping charges	-	-	-	-	42	-
	7145 Travel expenses	628	851	-	-	-	-
	7225 Safety supplies	-	141	-	150	375	500
	7305 ERCOT expenses	200,769	49,581	27,200	70,000	44,400	50,000
	7315 Food, meals, ice, water	1,541	263	-	500	207	-
	7325 Rental of equip/storage/land	122	118	72	200	(1,578)	1,000
	7635 Software maintenance service fees	-	468	468	500	468	500
	7805 Computer equipment	874	475	-	1,000	111	1,000
	7806 Software licenses-new	2,528	-	-	1,000	373	1,000
	7820 Office furniture & equipment	43	-	-	-	-	-
NON-PERSONNEL Total	<i>O&M NON-PERSONNEL TOTAL</i>	207,225	52,234	28,389	73,900	45,208	54,700
		662,097	498,783	492,656	597,319	566,076	603,522



Department Responsibility: Reymundo Sanchez
 Title: Acting Fuel & Purchased Energy Manager
 Telephone Ext: 6330
 Dept. No: 4220

**PERFORMANCE MEASURES
FOR THE
FUEL & PURCHASED ENERGY SUPPLY DEPARTMENT**

Department Function:

The department is responsible for the energy accounting including power production costs, energy sales, calculations for the fuel and energy purchase charge and analyzing, reconciling and settlement of TCOS for accounts payable and fuel & energy supply invoices for the Silas Ray and Hidalgo power plants, the Sendero Wind Farm and AEP Power Purchase Agreements. Other functions include requests for proposals, requests for qualifications, departmental budgeting, and analyzing operational data, such as system load demand and generation capacity to meet BPUB requirements. The department also maintains Fuel and Energy contracts for the reliability of the electrical system.

Department Goals/Objectives:

The department's goal is to ensure that adequate fuel and energy supplies are available on a short and long term basis and to maintain cost efficient energy and fuel purchases for the BPUB load demand and generation fleet.

INPUT MEASURES

Employees
 O&M Personnel Expenses
 O&M Non-Personnel Expenses

OUTPUT MEASURES

Fuel & Energy Invoices/Transactions Processed
 Fuel & Energy Contracts Maintained
 Fuel & Energy Data Modeling
 Pre-Assigned Congestion Revenue Rights Auctions/Nominations

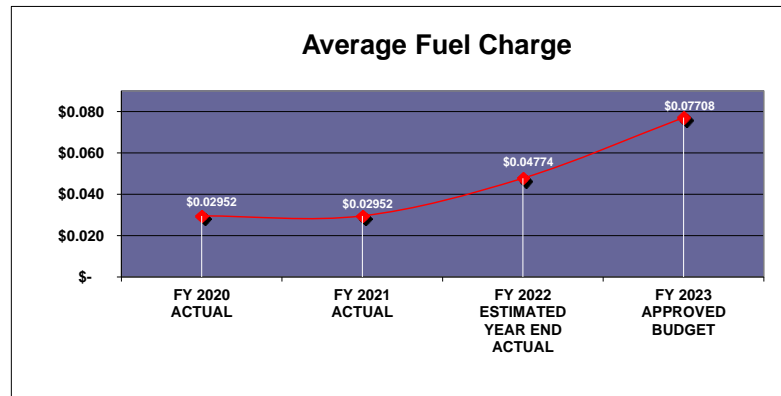
OUTCOME MEASURES

Fuel & Energy Reports
 Fuel & Purchase Energy Charge Projections
 Load and Capacity Forecast
 Pre-Assigned Congestion Revenue Rights Auctions/Nominations Awarded

EFFICIENCY MEASURES

% of Fuel & Energy Requirements Met
 % of Fuel & Energy Invoices Processed
 % of Fuel & Energy Contracts Maintained
 Average Fuel Charge

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
Employees	2	2	2	1
O&M Personnel Expenses	\$ 201,316	\$ 206,001	\$ 159,501	\$ 104,042
O&M Non-Personnel Expenses	\$ 60,088,427	\$ 206,810,434	\$ 105,935,163	\$ 92,641,550
Fuel & Energy Invoices/Transactions Processed	745	751	765	771
Fuel & Energy Contracts Maintained	9	10	9	9
Fuel & Energy Data Modeling	28	13	12	23
Pre-Assigned Congestion Revenue Rights Auctions/Nominations	16	12	12	18
Fuel & Energy Reports	310	298	292	298
Fuel & Purchase Energy Charge Projections	12	12	12	12
Load and Capacity Forecast	12	13	12	12
Pre-Assigned Congestion Revenue Rights Auctions/Nominations Awarded	9	12	12	18
% of Fuel & Energy Requirements Met	100%	100%	100%	100%
% of Fuel & Energy Invoices Processed	100%	100%	100%	100%
% of Fuel & Energy Contracts Maintained	100%	100%	100%	100%
Average Fuel Charge	\$ 0.02952	\$ 0.02952	\$ 0.04774	\$ 0.07708



DEPARTMENT 4220 – FUEL & PURCHASED ENERGY SUPPLY

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 72,036	\$ 74,579	\$ 74,375	\$ 77,794	\$ 48,086	\$ -
6105 Administrative Staff	59,174	61,263	61,095	63,904	69,062	71,573
6201 T.M.R.S.	23,243	23,734	24,044	24,868	20,569	12,597
6205 F.I.C.A.	7,558	7,755	7,669	8,785	6,704	4,438
6210 Medicare	1,768	1,814	1,794	2,055	1,568	1,038
6214 Dental Insurance	1,249	1,466	1,460	1,619	1,178	810
6215 Hospitalization insurance	22,024	24,783	27,367	30,956	23,190	16,097
6220 Life Insurance	120	117	116	159	93	80
6221 Long Term Disability Insurance	197	260	258	283	211	143
6225 Workers Compensation	3,280	3,396	3,387	3,542	2,929	1,789
6230 Vacation leave	547	5,813	4,437	1,723	(9,763)	914
6235 Sick leave	3,685	(3,662)	-	1,896	(4,325)	1,006
6260 Vacancy Savings	-	-	-	(6,748)	-	(6,442)
<i>O&M PERSONNEL TOTAL</i>	194,881	201,316	206,001	210,837	159,501	104,042
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	3,411	3,510	3,690	4,000	3,820	4,500
7110 Dues & memberships	-	-	2,000	1,000	2,000	2,000
7120 Office supplies	1,085	754	169	1,200	782	300
7130 Postage/shipping charges	-	-	-	-	-	-
7135 Telephone expenses	-	234	-	400	-	-
7225 Safety supplies	-	-	464	-	179	250
7299 Other materials & supplies	21	-	-	-	-	-
7305 ERCOT expenses	688,696	1,117,073	916,302	900,000	658,302	900,000
7315 Food, meals, ice, water	25	27	-	100	30	-
7601 Legal Fees	-	-	-	2,000	-	-
7605 Engineering fees	6,563	2,438	11,875	15,000	8,186	10,000
7635 Software maintenance service fees	-	4,688	-	4,000	-	4,000
7701 Fuel - Natural gas - Silas Ray	1,235,346	1,198,891	8,591,978	2,000,000	1,948,866	2,000,000
7702 Fuel - Natural Gas - Hidalgo Energy	7,491,013	8,021,431	33,315,139	9,000,000	19,274,254	15,000,000
7704 Fuel - TETCO/Hinshaw Pipeline	551,861	838,119	1,095,257	900,000	940,443	1,500,000
7705 Fuel - Coal - Oklaunion	9,304,377	3,778,547	-	-	-	-
7706 Fuel-Diesel-Distributed Generation	-	-	12,977	-	7,020	-
7707 Fuel - Diesel oil - Oklaunion	197,593	90,616	-	-	-	-
7708 Fuel-Natural Gas Tranp-Silas Ray	79,090	122,914	120,331	200,000	96,926	200,000
7714 Pchp - Wind Resources	7,979,936	3,149,159	2,315,270	5,000,000	3,328,180	5,000,000
7720 Pchp - Resource Imbalance	6,936,621	6,653,338	60,597,664	4,500,000	6,875,770	4,500,000
7721 Pchp - Economy power	6,027,609	7,169,856	10,637,679	10,000,000	23,261,861	18,000,000
7724 Pchp - Fixed Energy - AEP PPA	-	-	13,490,400	14,000,000	14,236,695	14,000,000
7726 Pchp - Bilateral Energy Expns-Gas	-	-	-	6,289	-	8,181
7727 Pchp - Bilateral Energy-Gas Transp	-	-	-	629	-	818
7729 Pchp - TCOS (Wheeling)	8,043,011	8,675,265	9,848,333	7,700,000	9,242,257	8,800,000
7733 Pchp - Bilateral Ancillary Services	3,159,197	1,473,738	30,187,914	1,800,000	4,962,520	4,700,000
7736 Pchp - QSE Charges	402,416	404,101	405,741	420,000	410,728	420,000
7737 Pchp - Ercot Charges	1,119,473	1,055,882	1,798,044	1,300,000	905,114	1,300,000
7738 Pchp - CSC Congestion Cost (CSCBE)	2,122,757	4,932,015	(1,193,743)	2,000,000	6,937,072	6,500,000
7740 Power marketing services	495,848	321,856	1,932,530	300,000	562,147	800,000
7750 Pchp - Real Time Energy - Wind	2,676,969	4,310,175	8,423,072	4,087,622	6,014,839	4,908,645
7751 Pchp - Reliability Unit Cmt Exp-Gas	-	2,203	7,041	62,886	13,956	81,811
7752 Pchp - Reliab Unit Cmt - Gas Transp	-	304	445	6,289	565	8,181
7753 Pchp - Day Ahead Energy Exp-Gas	276,008	941,764	51,023	125,773	425,278	409,054
7754 Pchp - Day Ahead Energy-Gas Transp	24,245	77,604	38,626	12,577	25,133	40,905
7755 Pchp - Real Time Energy Exp-Gas	2,677,424	1,928,397	23,021,154	1,257,730	5,510,357	3,108,808
7756 Pchp - Real Time Energy - Gas Transp	185,027	197,919	1,165,867	125,773	281,881	24,543
7759 Pchp - Real Time Energy - Coal	1,424,261	387,351	-	-	-	-
7760 Pchp - Day Ahead Energy-Wind	487,155	3,228,190	12,296	314,432	-	409,054
7805 Computer equipment	-	69	128	6,000	-	500
7820 Office furniture & equipment	142	-	768	2,000	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	63,597,180	60,088,427	206,810,434	66,055,700	105,935,163	92,641,550
	63,792,061	60,289,743	207,016,435	66,266,537	106,094,664	92,745,592



Department Responsibility: Marilyn D. Gilbert

Title: Assistant GM & COO

Telephone Ext: 6266

Dept. No: 4230

**PERFORMANCE MEASURES
FOR THE
NATURAL GAS UTILITY MANAGEMENT DEPARTMENT**

Department Function:

The department is responsible for the management of the transmission of natural gas to the City of Brownsville for Industrial and large Commercial users.

Department Goals/Objectives:

The Department will ensure adequate supply of natural gas and compliance with all applicable federal, state, and local laws and regulations.

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7315 Food, meals, ice, water	-	-	-	-	-	-
7605 Engineering fees	-	-	-	5,000	-	1,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	-	5,000	-	1,000
	-	-	-	5,000	-	1,000

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Department Responsibility:	Jaime Estrada
Title:	Director of Operational Support Services
Telephone Ext:	6218
Dept. No:	4310

**PERFORMANCE MEASURES
FOR THE
OPERATIONAL SUPPORT SERVICES**

Department Function:

The Operational Support Services department is responsible for defining, implementing, managing, and communicating the effective execution of operational strategies, processes, and programs for the G.I.S., Fleet Management, SCADA & Electrical Support Services, Wastewater Treatment Plants, Resaca Maintenance, Raw Water Supply, Water Plants and SRWA.

Department Goals/Objectives:

The department's objectives are to provide our customers, both internally and externally, with economical, reliable, and quality service to effectively direct Strategic Planning efforts in order to coordinate and prioritize goals and objectives for Electrical, Water and Wastewater Services. Recognize constraints and limitations of State and Industry guidelines in addition to other applicable rules and regulations and keeping the company in compliance with said rules and regulations. Conduct periodic staff meetings and workshops in order to keep staff up to date with industry rules, regulations and standards.

The performance measures of this division are measured through the performance indicators associated with the departments within the division. The departments of that make up this division are as follows:

2210 - SCADA & Electrical Support Services
 3120 - Water Plant 1
 3130 - Water Plant II
 3135 - Resaca Maintenance
 3140 - Raw Water Supply
 3210 - South Wastewater Treatment Plant
 3220 - Robindale Wastewater Treatment Plant
 4110 - Energy Risk Management
 7135 - Geographical Information Systems
 7150 - Fleet Management
 3190 - Southmost Regional Water Authority (92.4% BPUB Ownership)

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
INPUT MEASURES				
Employees (FTE)	1	1	1	0
O&M Expenditures Personnel	\$ 547,024	\$ 451,492	\$ 391,328	408,132
O&M Expenditures Non-Personnel	\$ 686,098	\$ 42,233	\$ 13,651	21,445
OUTPUT MEASURES				
Meeting with Operations Directors - Bi-Weekly	65	20	0	20
Meeting with OSS Upper Management - Weekly	47	47	25	52
Meeting with OSS Division Management - Quarterly	4	4	0	4
Directors Meeting with Executive Management - Weekly	48	24	31	52
OUTCOME MEASURES				
Meeting with OSS Management - Monthly	60	55	20	48
Directors and Managers Meeting - Monthly	10	6	7	11
PUBCAP Meeting - Monthly	10	6	8	11
BPUB Board Meeting/Special Board Meetings	19	16	17	17
SRWA Board Meeting - Monthly	12	12	12	12

DEPARTMENT 4310 – OPERATIONAL SUPPORT SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 363,524	\$ 333,676	\$ 262,449	\$ 267,481	\$ 273,688	\$ 266,893
6110 Clerical staff	34,626	32,912	47,010	34,944	1,978	29,869
6130 Overtime	1,502	2,182	2,175	886	-	886
6201 T.M.R.S.	72,486	72,228	66,350	53,076	50,255	52,230
6205 F.I.C.A.	23,392	22,451	19,603	18,750	16,466	16,699
6210 Medicare	5,779	5,351	4,782	4,385	4,036	4,303
6214 Dental Insurance	2,260	2,383	2,086	1,910	1,355	1,910
6215 Hospitalization insurance	36,516	36,658	36,685	35,171	25,918	36,578
6220 Life Insurance	346	296	252	327	206	322
6221 Long Term Disability Insurance	554	656	540	605	429	594
6225 Workers Compensation	10,230	9,472	8,440	7,561	7,121	7,419
6230 Vacation leave	(1,343)	18,064	(8,375)	3,671	(1,543)	3,790
6235 Sick leave	(5,122)	1,513	667	4,039	2,239	4,170
6240 Educational assistance	-	-	-	5,000	-	-
6242 Auto Benefits	7,788	7,500	7,212	7,500	7,500	7,500
6243 Telephone Benefits	1,745	1,680	1,616	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(14,373)	-	(26,709)
<i>O&M PERSONNEL TOTAL</i>	554,282	547,024	451,492	432,611	391,328	408,132
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	400	1,045	2,892	1,500	2,120	1,775
7120 Office supplies	2,161	283	362	1,000	54	1,200
7130 Postage/shipping charges	47	49	-	50	-	150
7140 Training expenses	3,713	590	50	2,500	175	3,170
7145 Travel expenses	10,734	1,425	-	2,000	2,061	4,400
7225 Safety supplies	-	-	80	100	22	250
7299 Other materials & supplies	32	500	41	500	-	500
7315 Food, meals, ice, water	2,516	133	-	1,000	325	-
7325 Rental of equip/storage/land	-	-	-	1,100	1,001	-
7601 Legal Fees	2,690	5,570	24,835	16,938	7,414	7,500
7605 Engineering fees	-	-	-	2,000	-	2,000
7699 Other services	354,041	675,690	13,922	150,000	-	-
7801 Communication equipment	-	-	-	3,500	-	-
7805 Computer equipment	-	-	-	300	-	500
7820 Office furniture & equipment	1,058	813	51	-	480	-
<i>O&M NON-PERSONNEL TOTAL</i>	377,390	686,098	42,233	182,488	13,651	21,445
	931,672	1,233,122	493,725	615,099	404,979	429,577



Department Responsibility: **Miguel A. Perez**

Title: **Chief Financial Officer**

Telephone Ext: **6187**

Dept. No: **5110**

**PERFORMANCE MEASURES
FOR THE
FINANCE DEPARTMENT**

Department Function:

The Finance Department manages Brownsville PUB's investment program, coordinates development and implementation of Operations and Capital budgets, manages short term and long term debt issues, prepares continuing disclosure documents, coordinates monthly and annual financial reporting and external audit, prepares revenue forecasts, rate analysis, and proforma financial summaries, business process assessments, manages daily division activity and provides oversight to other division departments.

Department Goals/Objectives:

The Finance Department's objective is to achieve best in class financial performance through implementation of sound financial practices, enhancing revenue streams that support current and future needs, achieving cost savings by encouraging resourcefulness, proactively meeting and surpassing rating criteria and avoiding financial liabilities by managing risks.

INPUT MEASURES

Employees (FTE's)
Total O&M Expenses
Annual Financial Plan
Annual Capital Plan

OUTPUT MEASURES

Cash Portfolio Report (weekly)
Quarterly Investment Reports Produced
Operational Reports Produced (monthly)

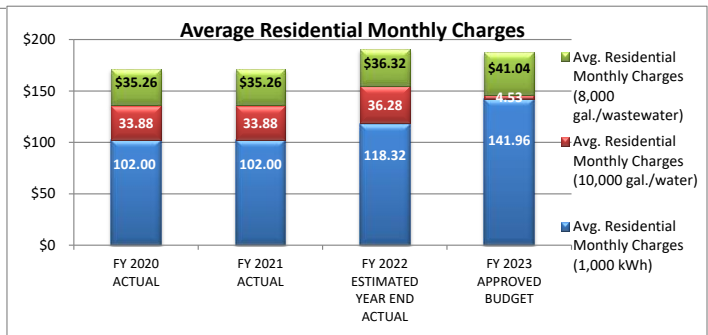
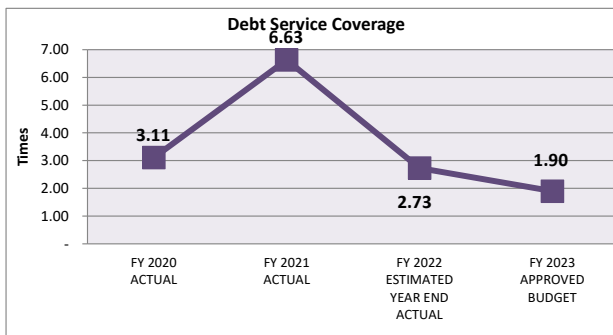
OUTCOME MEASURES

Maintain Three-Month Operating Reserve
Bond Rating Desired: A (Fitch / Moody's / S&P)
Debt Service Coverage (Goal: minimum 1.5)
Compliance With Bond Covenants
Compliance With GAAP, GASB, FERC

EFFICIENCY MEASURES

Avg. Residential Monthly Charges (1,000 kWh)
Avg. Residential Monthly Charges (10,000 gal./water)
Avg. Residential Monthly Charges (8,000 gal./wastewater)

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
9	9	10	10
\$ 1,332,473	\$ 1,586,351	\$ 1,333,781	\$ 1,254,215
\$ 229,307,642	\$ 469,413,673	\$ 255,261,908	\$ 253,623,946
\$ 108,350,813	\$ 90,795,286	\$ 98,625,219	\$ 92,133,995
52	52	52	52
4	4	4	4
12	12	12	12
Yes	Yes	Yes	Yes
A+ / A2 / A+	A+ / A2 / A-	A+ / A2 / A-	A+ / A2 / A+
3.11	6.63	2.73	1.90
Yes	Yes	Yes	Yes
Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
\$ 102.00	\$ 102.00	\$ 118.32	\$ 141.96
\$ 33.88	\$ 33.88	\$ 36.28	\$ 4.53
\$ 35.26	\$ 35.26	\$ 36.32	\$ 41.04



DEPARTMENT 5110 – FINANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 357,354	477,507	547,595	621,995	\$ 522,498	\$ 531,927
6105 Administrative Staff	140,496	76,808	84,499	207,614	94,819	157,562
6110 Clerical staff	42,085	43,494	43,212	44,663	43,467	44,658
6130 Overtime	792	483	288	552	1,047	1,546
6201 T.M.R.S.	109,868	118,645	155,939	153,435	135,509	129,210
6205 F.I.C.A.	25,890	29,378	42,212	54,205	35,144	45,517
6206 Suta	2,355	7,623	-	-	4,318	-
6210 Medicare	7,777	8,637	10,933	12,677	9,413	10,645
6214 Dental Insurance	3,507	4,253	4,966	5,866	4,558	5,506
6215 Hospitalization insurance	56,465	64,788	88,500	108,897	87,184	106,291
6220 Life Insurance	458	453	552	942	498	804
6221 Long Term Disability Insurance	642	890	1,099	1,749	1,008	1,468
6225 Workers Compensation	13,832	15,308	19,459	21,857	16,948	18,354
6230 Vacation leave	1,171	18,633	52,641	10,842	14,935	9,375
6235 Sick leave	9,138	(73,938)	20,422	11,929	14,555	10,315
6242 Auto Benefits	9,346	9,000	11,077	16,500	13,327	16,500
6243 Telephone Benefits	-	-	1,551	3,360	2,649	1,680
6260 Vacancy Savings	-	-	-	(42,453)	-	(66,073)
<i>O&M PERSONNEL TOTAL</i>	<i>781,176</i>	<i>801,962</i>	<i>1,084,944</i>	<i>1,234,631</i>	<i>1,001,878</i>	<i>1,025,285</i>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	779	852	159	150	129	-
7110 Dues & memberships	3,302	2,358	1,291	2,400	1,966	2,400
7120 Office supplies	18,255	16,272	6,613	5,000	9,992	7,500
7130 Postage/shipping charges	587	574	238	500	179	200
7140 Training expenses	10,905	210	8,351	4,550	8,501	4,630
7145 Travel expenses	8,127	4,905	1,779	8,690	9,693	9,200
7147 Mileage Reimbursement (InTownExp)	29	17	-	-	-	-
7199 Miscellaneous office expenses	27	3,477	(262)	100	4,288	50
7225 Safety supplies	-	47	-	-	-	-
7299 Other materials & supplies	28	70	-	100	14	50
7315 Food, meals, ice, water	316	249	-	200	3,492	2,000
7325 Rental of equip/storage/land	6,677	5,265	7,119	13,000	2,517	6,000
7415 Fuels & lubricants	15	-	-	-	-	-
7601 Legal Fees	46,345	206,256	118,858	20,000	(9,547)	5,000
7605 Engineering fees	50,585	5,712	-	5,000	-	-
7610 Financial advisor services	45,000	130,388	86,527	75,000	82,127	70,000
7615 External auditor fees	56,500	15,155	117,201	88,000	65,164	69,900
7635 Software maintenance service fees	-	3,436	-	-	-	-
7699 Other services	57,411	134,135	153,299	60,000	151,538	50,000
7801 Communication equipment	-	-	235	-	-	-
7805 Computer equipment	-	225	-	-	1,850	2,000
7806 Software licenses-new	658	203	-	-	-	-
7820 Office furniture & equipment	234	704	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<i>305,780</i>	<i>530,511</i>	<i>501,407</i>	<i>282,690</i>	<i>331,903</i>	<i>228,930</i>
	1,086,956	1,332,473	1,586,351	1,517,321	1,333,781	1,254,215



Department Responsibility: **Miguel A. Perez**
 Title: **Chief Financial Officer**
 Telephone Ext: **6187**
 Dept. No: **5120**

**PERFORMANCE MEASURES
FOR THE
ACCOUNTING DEPARTMENT**

Department Function:

The Accounting Department is responsible for payment of vendor invoices, processing payroll, and performing accounting functions in a timely manner. In addition, this department is responsible for timely reporting of company finances through the monthly financial statements, payroll reports and other reports as required and needed, and timely file accurate financial reports to various Local, State and Federal agencies as required.

Department Goals/Objectives:

The Accounting Department's goal is to provide technical accounting oversight to Brownsville PUB departments to ensure that generally accepted accounting procedures and Brownsville PUB policies and procedures are consistently applied, to maintain the integrity of the Brownsville PUB's accounting records, and to satisfy all reporting requirements. The objectives are to perform timely reconciliation of accounts and timely preparation of monthly financial statements; timely processing of vendor invoices; and accurate and timely processing of Brownsville PUB's payroll.

INPUT MEASURES

Number of AP Checks & Wires Processed
 Number of AP ACH Payments Processed
 Number of Payroll Cks and DD Processed
 Average Mo. Bank Transactions Reconciled
 No. of JEs Processed for Recon. of Accts.
 Capital Assets, Net Capitalized in the CPR

OUTPUT MEASURES

Percentage of Invoice Pd. Within 30 days
 Percentage of Payrolls Processed Timely
 No. of Bank Accounts Reconciled Annually
 No. of Financial Stmts Produced Annually
 Dollar Recorded for Capital Asset Additions

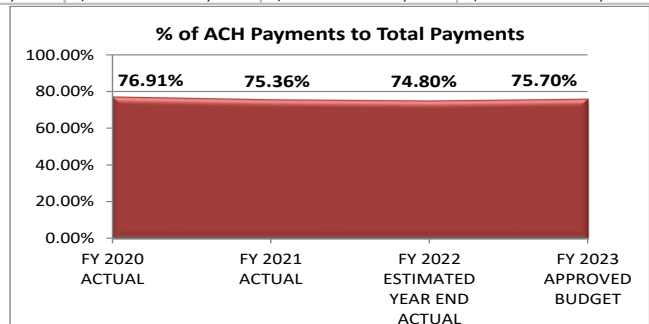
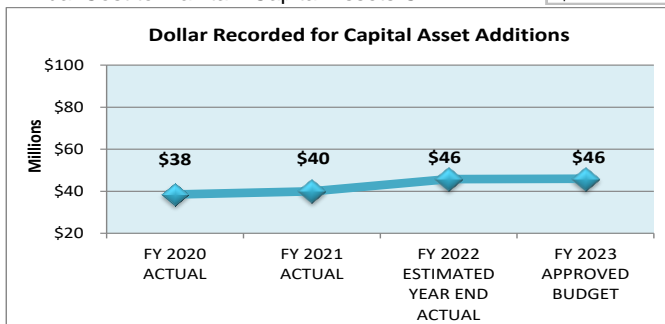
OUTCOME MEASURES

% of ACH Payments to Total Payments
 % Payroll Direct Deposits to Total Cks & DD
 % of Bank Accounts Reconciled Within 15 days
 % of Mo. Financial Stmts Completed on Schedule
 Timely Recon (60 days) of Capital Assets at YE

EFFICIENCY MEASURES

Annual Cost of Cks and ACH Initiated
 Annual Cost of Processing Bi-Weekly Payroll
 Staff Hours Per 100 Bank Reconciliations
 Annual Cost to Produce Monthly Financial Stmts
 Annual Cost to Maintain Capital Assets CPR

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
1,472	1,565	1,460	1,480
4,900	4,643	4,333	4,500
18,920	18,320	18,200	18,480
1,043	1,140	942	942
4,726	4,347	4,304	4,400
\$ 553,291,704	\$ 563,291,704	\$ 579,754,363	\$ 589,754,363
75%	83%	87%	85%
100%	100%	100%	100%
324	324	324	324
12	12	12	12
\$ 38,441,878	\$ 40,000,000	\$ 45,789,970	\$ 46,000,000
76.91%	75.36%	74.80%	75.70%
99.91%	99.90%	99.88%	99.90%
100.00%	100.00%	100.00%	100.00%
100.00%	100.00%	100.00%	100.00%
Yes	Yes	Yes	Yes
\$ 207,006	\$ 197,203	\$ 207,356	\$ 221,353
\$ 55,793	\$ 58,870	\$ 57,998	\$ 61,912
6.8	6.8	7.6	7.6
\$ 287,993	\$ 269,106	\$ 230,171	\$ 245,708
\$ 146,161	\$ 144,732	\$ 178,579	\$ 190,633



DEPARTMENT 5120 - ACCOUNTING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision		\$ 306,710	\$ 210,709	\$ 215,130	\$ 197,303	\$ 202,792
6105 Administrative Staff	160,178	163,801	175,135	171,690	188,911	150,309
6110 Clerical staff	219,559	222,319	189,419	213,115	176,198	220,214
6130 Overtime	1,994	360	1,095	1,212	1,969	2,708
6201 T.M.R.S.	150,488	152,617	128,333	105,289	124,274	100,903
6205 F.I.C.A.	40,826	41,930	34,590	37,196	33,921	35,546
6206 Suta	464	-	-	-	-	-
6210 Medicare	9,557	9,806	8,089	8,699	7,933	8,313
6214 Dental Insurance	7,119	7,811	7,001	7,430	6,239	6,683
6215 Hospitalization insurance	115,033	121,556	120,904	131,400	112,835	121,117
6220 Life Insurance	654	624	539	702	494	670
6221 Long Term Disability Insurance	1,005	1,305	1,117	1,200	1,034	1,147
6225 Workers Compensation	17,316	17,632	14,838	14,998	14,379	14,333
6230 Vacation leave	3,375	15,470	(11,420)	7,211	(571)	7,321
6235 Sick leave	5,724	(38,236)	(10,466)	7,933	(4,981)	8,055
6240 Educational assistance	5,483	2,790	-	-	-	-
6242 Auto Benefits	7,788	7,500	288	-	-	-
6243 Telephone Benefits	1,745	1,680	65	-	-	1,680
6260 Vacancy Savings	-	-	-	(28,232)	-	(51,598)
<i>O&M PERSONNEL TOTAL</i>	748,309	1,035,676	870,236	894,974	859,937	830,192
<i>O&M NON-PERSONNEL</i>						
7102 Sponsorships	-	115	-	-	-	-
7105 Books & periodicals	980	-	299	455	-	-
7110 Dues & memberships	1,999	1,249	1,239	580	1,099	580
7120 Office supplies	9,457	14,680	12,184	10,000	16,319	12,000
7130 Postage/shipping charges	195	128	201	200	93	200
7135 Telephone expenses	-	-	235	-	-	-
7140 Training expenses	2,993	1,189	7,049	3,190	1,142	1,700
7145 Travel expenses	7,221	1,247	-	3,390	-	4,435
7147 Mileage Reimbursement (InTownExp)	28	19	-	-	-	-
7225 Safety supplies	-	-	-	75	-	50
7299 Other materials & supplies	699	-	-	100	-	50
7304 Hurricane Preparedness Expenses	-	-	-	-	574	-
7315 Food, meals, ice, water	692	343	70	500	261	-
7325 Rental of equip/storage/land	1,320	1,068	767	2,208	1,054	1,500
7335 Wearing apparel & dry goods	42	-	-	-	-	-
7605 Engineering fees	-	-	-	-	-	-
7635 Software maintenance service fees	8,914	3,205	3,924	3,189	9,147	5,000
7699 Other services	17,666	19,942	25,549	60,000	19,167	15,000
7805 Computer equipment	-	1,061	-	-	7,016	-
7806 Software licenses-new	131	608	-	-	-	-
7820 Office furniture & equipment	174	1,526	4,102	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	52,511	46,380	55,619	83,887	55,872	40,515
	800,820	1,082,056	925,855	978,861	915,809	870,707



Department Responsibility: Diane Solitaire

Title: Materials & Warehouse Manager

Telephone Ext: 6366

Dept. No: 5130

**PERFORMANCE MEASURES
FOR THE
PURCHASING DEPARTMENT**

Department Function:

The primary function of the Purchasing Department is to meet the product and service needs of the Brownsville PUB by complying with all Federal, State, and Local laws including Board policies; provide fair competition among bidders; and to continuously seek to identify and implement strategies and techniques that will enhance the level of service and integrity provided by the Purchasing Department.

Department Goals/Objectives:

Purchasing Department goals are to purchase at the best price the proper goods or services to suit Brownsville PUB's needs; have goods or services readily available where and when needed; protect against any misappropriation of business assets purchased; insure responsible bidders are given fair opportunities; and see that the best value is received for the public dollar.

INPUT MEASURES

Employees
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

Purchasing Requisitions
P-Card Cardholders
Total Active Contracts-Formal/Informal

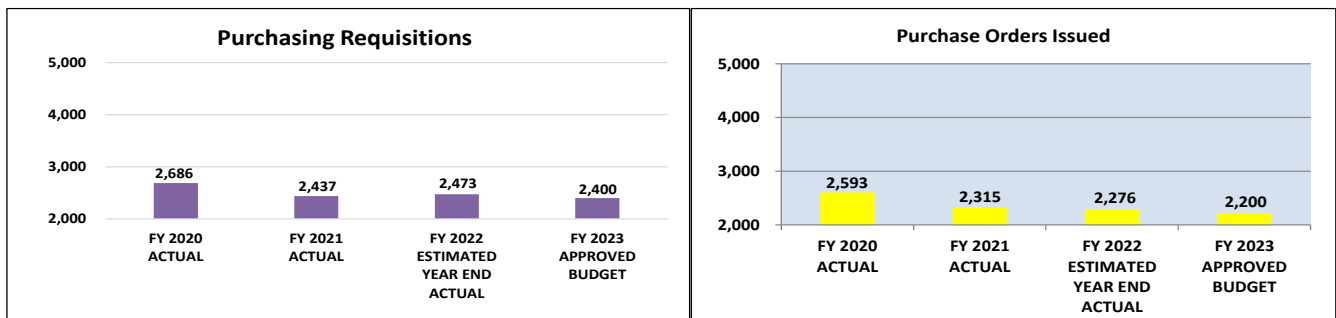
OUTCOME MEASURES

Purchase Orders Issued
P-Card Cardholders vs No. Employees
Average Monthly Cost of All Contracts

EFFICIENCY MEASURES

Reduce No. of Requisitions and P.O.'s Issued
Average P-Card Monthly Spend
Average # of Contracts per Month

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
7	7	7	7
\$ 504,903	\$ 535,228	\$ 543,119	\$ 548,360
\$ 59,010	\$ 76,384	\$ 83,415	\$ 80,040
\$ 563,913	\$ 611,612	\$ 626,534	\$ 628,400
2,686	2,437	2,473	2,400
100	102	108	115
-	-	391	400
2,593	2,315	2,276	2,200
101 vs 589 (17%)	112 vs 589 (17%)	108 vs 572 (19%)	115 vs 575 (20%)
		\$ 93,068,357	95,000,000
55	278	39	76
93,197	111,251	129,356	147,350
-	-	391	400



DEPARTMENT 5130 – PURCHASING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 84,794	\$ 87,790	\$ 87,550	\$ 91,575	\$ 91,834	\$ 91,582
6105 Administrative Staff	223,479	231,499	234,235	254,174	244,562	254,197
6110 Clerical staff	31,294	32,464	32,377	33,743	33,930	33,738
6130 Overtime	65	5	100	116	171	170
6201 T.M.R.S.	60,162	61,458	62,878	66,601	65,914	66,795
6205 F.I.C.A.	20,001	20,759	20,927	23,528	22,222	23,530
6210 Medicare	4,678	4,855	4,894	5,503	5,197	5,503
6214 Dental Insurance	3,826	4,365	4,299	4,766	4,190	4,766
6215 Hospitalization insurance	59,117	63,828	69,162	78,240	70,756	81,370
6220 Life Insurance	330	319	320	439	315	440
6221 Long Term Disability Insurance	506	670	674	759	674	759
6225 Workers Compensation	8,491	8,794	8,857	9,487	9,394	9,488
6230 Vacation leave	(707)	9,855	5,929	4,615	(6,511)	4,846
6235 Sick leave	(4,668)	(21,758)	3,027	5,078	472	5,332
6260 Vacancy Savings	-	-	-	(18,071)	-	(34,157)
<i>O&M PERSONNEL TOTAL</i>	491,366	504,903	535,228	560,553	543,119	548,360
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	30,625	27,763	38,617	30,000	51,011	42,000
7105 Books & periodicals	-	231	-	215	267	-
7110 Dues & memberships	720	855	1,089	835	2,194	2,160
7120 Office supplies	3,618	3,282	2,924	3,000	4,954	3,400
7130 Postage/shipping charges	227	295	107	500	76	500
7140 Training expenses	675	-	786	-	-	-
7145 Travel expenses	757	144	-	-	-	-
7180 Utilities - departmental	10,720	8,628	4,879	-	528	600
7215 Laundry & janitorial supplies	257	132	-	300	-	300
7225 Safety supplies	-	33	17	200	100	200
7299 Other materials & supplies	728	1,641	1,230	1,000	719	1,000
7315 Food, meals, ice, water	180	462	79	300	135	300
7325 Rental of equip/storage/land	3,849	3,096	3,211	3,300	1,166	4,020
7415 Fuels & lubricants	137	274	188	-	228	-
7599 Maintenance / other	2,808	-	-	-	-	-
7635 Software maintenance service fees	8,747	11,532	20,401	20,000	21,779	25,000
7645 Maintenance services	-	265	-	-	-	-
7699 Other services	-	36	333	-	-	-
7805 Computer equipment	404	-	1,193	650	-	560
7806 Software licenses-new	131	-	-	-	-	-
7820 Office furniture & equipment	1,043	340	1,330	200	258	-
<i>O&M NON-PERSONNEL TOTAL</i>	65,625	59,010	76,384	60,500	83,415	80,040
	556,991	563,913	611,612	621,053	626,534	628,400



Department Responsibility: **Monica G. Cavazos**

Title: **Director of Finance**

Telephone Ext: **6172**

Dept. No: **5140**

PERFORMANCE MEASURES FOR THE REVENUE RECOVERY DEPARTMENT

Department Function:

The Revenue Recovery Department is responsible for investigating all possible tampering incidents in a timely and efficient manner. Department personnel are responsible for replacing damaged meters and installing locking devices. In addition, this department is responsible for the calculation and backbilling of unbilled utility services due to tampering.

Department Goals/Objectives:

The Revenue Recovery Department's goal is to increase fees for unrecovered revenue and service, including City fees, from unauthorized or unbilled electric, water, and sewer services. Another departmental goal is to communicate improved awareness and understanding of tampering with customers, employees, and the community through departmental training and community presentations. The objectives are to continue to review, modify, and implement meter tampering procedures and to become more proactive in identifying meter tampering.

INPUT MEASURES

Employees
O&M Personnel Expenses
O&M Non-Personnel Expenses

OUTPUT MEASURES

No. of Accounts Proactively Investigated
No. of Tampering Incidents Reported Internally
No. of Tampering Incidents Reported thru Hotline
Total Number of Tamerings Reported
No. of Tampering Incidents Confirmed

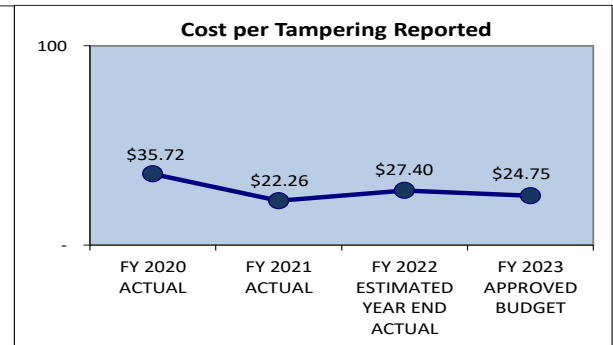
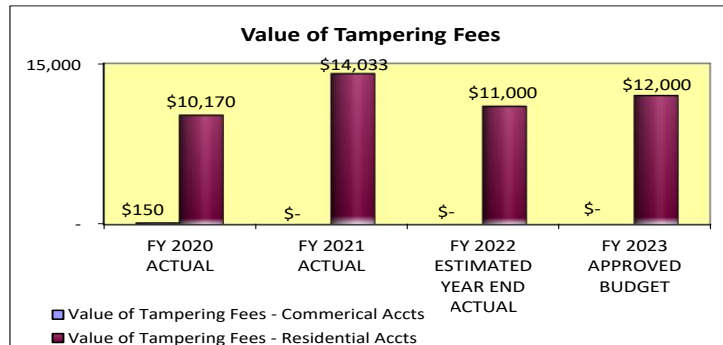
OUTCOME MEASURES

Value of Tampering Fees - Commerical Accts
Value of Backbillings - Commercial Accts
Value of Tampering Fees - Residential Accts
Value of Backbillings - Residential Accts

EFFICIENCY MEASURES

Cost per Tampering Reported
Ratio of Revenue Recovered to Cost

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
Employees	3	3	3	3
O&M Personnel Expenses	\$ 217,021	\$ 217,490	\$ 229,812	\$ 221,911
O&M Non-Personnel Expenses	\$ 8,008	\$ 11,144	\$ 18,581	\$ 13,220
No. of Accounts Proactively Investigated	6,643	10,273	9,065	9,500
No. of Tampering Incidents Reported Internally	48	69	75	75
No. of Tampering Incidents Reported thru Hotline	3	1	5	5
Total Number of Tamerings Reported	51	70	80	80
No. of Tampering Incidents Confirmed	19	40	53	55
Value of Tampering Fees - Commerical Accts	\$ 150	\$ -	\$ -	\$ -
Value of Backbillings - Commercial Accts	\$ -	\$ -	\$ -	\$ -
Value of Tampering Fees - Residential Accts	\$ 10,170	\$ 14,033	\$ 11,000	\$ 12,000
Value of Backbillings - Residential Accts	\$ 15,191	\$ 3,959	\$ 18,000	\$ 20,000
Cost per Tampering Reported	\$ 35.72	\$ 22.26	\$ 27.40	\$ 24.75
Ratio of Revenue Recovered to Cost	\$ 1.81	\$ 12.71	\$ 8.57	\$ 7.35



DEPARTMENT 5140 – REVENUE RECOVERY

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 52,012	\$ 53,851	\$ 53,703	\$ 56,172	\$ 56,335	\$ 56,181
6115 Operational staff	83,424	86,734	86,490	90,003	90,249	90,002
6130 Overtime	215	27	268	1,236	58	649
6201 T.M.R.S.	24,030	24,567	25,082	25,654	25,821	25,728
6205 F.I.C.A.	7,922	8,194	8,207	9,063	8,555	9,063
6210 Medicare	1,853	1,916	1,919	2,120	2,001	2,120
6214 Dental Insurance	1,649	1,904	1,897	2,103	1,896	2,103
6215 Hospitalization insurance	28,290	31,718	35,001	39,598	36,828	41,182
6220 Life Insurance	133	129	128	172	128	172
6221 Long Term Disability Insurance	203	267	266	292	267	292
6225 Workers Compensation	3,391	3,515	3,533	3,654	3,680	3,655
6230 Vacation leave	570	637	1,222	1,778	1,133	1,867
6235 Sick leave	(7,253)	3,562	(225)	1,956	2,863	2,054
6260 Vacancy Savings	-	-	-	(6,961)	-	(13,156)
<i>O&M PERSONNEL TOTAL</i>	196,438	217,021	217,490	226,840	229,812	221,911
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	525	-	-	-	-	-
7120 Office supplies	1,020	186	708	500	851	750
7130 Postage/shipping charges	-	104	-	-	-	-
7140 Training expenses	425	-	-	325	-	325
7145 Travel expenses	56	-	-	865	790	865
7225 Safety supplies	529	112	1,281	1,022	930	1,000
7299 Other materials & supplies	4,571	2,768	4,256	9,395	9,165	4,000
7315 Food, meals, ice, water	46	81	44	438	45	-
7325 Rental of equip/storage/land	2,100	2,100	525	1,000	2,100	2,100
7335 Wearing apparel & dry goods	2,670	-	1,204	330	209	1,180
7415 Fuels & lubricants	3,367	2,658	3,126	2,000	4,492	3,000
<i>O&M NON-PERSONNEL TOTAL</i>	15,310	8,008	11,144	15,875	18,581	13,220
	211,748	225,029	228,634	242,715	248,393	235,131



Department Responsibility: **Eddy Hernandez**

Title: **Director of Customer Serv/Info Tech**

Telephone Ext: **6130**

Dept. No: **6105**

**PERFORMANCE MEASURES
FOR THE
CUSTOMER & INFORMATION SERVICES DEPARTMENT**

Department Function:

As one of the primary contacts with utility customers, the Customer & Information Services Department's function is to provide administrative and managerial support to the Customer Service, Collections, Billing, Call Center, Meter Services, CIS Support, Meter Reading, Cashiers, and Information Technology Departments in order to offer greater efficiency for internal and external customers.

Note:

See departments 1125 - Key Account Marketing, 6110 - Customer Service, 6115 - Collections, 6120 - Billing, 6125 - Call Center, 6130 - Meter Services, 6135 - CIS Support, 6145 - Energy Efficiency & Conservation, 6150 - Meter Reading, 6160 - Cashiers, and 7130 - Information Technology for specific metrics data.

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 137,202	\$ 142,060	\$ 141,671	\$ 148,184	\$ 148,586	\$ 148,179
6110 Clerical staff	59,632	61,669	61,737	63,533	64,657	63,544
6130 Overtime	368	403	2,438	818	1,099	992
6201 T.M.R.S.	36,622	37,268	38,217	37,156	39,219	37,263
6205 F.I.C.A.	11,630	12,266	12,389	13,126	13,142	13,127
6210 Medicare	2,950	3,056	3,098	3,070	3,230	3,070
6214 Dental Insurance	1,393	1,515	1,425	1,451	1,309	1,451
6215 Hospitalization insurance	22,114	23,983	24,942	25,928	24,117	26,965
6220 Life Insurance	182	175	174	237	174	238
6221 Long Term Disability Insurance	269	346	344	423	338	423
6225 Workers Compensation	5,168	5,333	5,383	5,293	5,590	5,293
6230 Vacation leave	1,357	4,110	5,436	2,575	(2,523)	2,704
6235 Sick leave	878	(11,270)	(711)	2,833	3,930	2,975
6242 Auto Benefits	7,788	7,500	7,212	7,500	7,500	7,500
6243 Telephone Benefits	1,745	1,680	1,616	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(10,082)	-	(19,055)
<i>O&M PERSONNEL TOTAL</i>	<i>289,298</i>	<i>290,093</i>	<i>305,369</i>	<i>303,726</i>	<i>312,049</i>	<i>296,349</i>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	1,500	1,522	1,500	1,500	1,500	1,500
7120 Office supplies	1,028	368	1,036	700	1,466	800
7130 Postage/shipping charges	-	-	-	50	-	50
7140 Training expenses	825	1,319	450	1,350	850	1,250
7145 Travel expenses	5,179	3,345	1,943	3,450	2,506	3,550
7315 Food, meals, ice, water	235	278	-	200	45	-
7325 Rental of equip/storage/land	648	470	231	800	360	800
7348 Customer Assistance Program	15,029	35,033	46,694	30,000	10,935	30,000
7601 Legal Fees	18,569	10,659	18,536	16,000	259	1,500
7699 Other services	35,814	14,000	28,749	25,000	45,000	-
7806 Software licenses-new	-	340	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<i>78,825</i>	<i>67,333</i>	<i>99,138</i>	<i>79,050</i>	<i>62,920</i>	<i>39,450</i>
	368,123	357,426	404,507	382,776	374,969	335,799

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Department Responsibility: **Eduardo Campirano Jr.**
 Title: **Customer Service Manager**
 Telephone Ext: **6242**
 Dept. No: **6110**

**PERFORMANCE MEASURES
FOR THE
CUSTOMER SERVICE DEPARTMENT**

Department Function:

The Customer Service and New Connections staff responds to customer requests for installation of new water meters and Move ins, Move outs, Pay Arrangements, Reconnections, High Bill Complaints, Questions on Bills, Letters of Reference, Open Records research and Service outage calls during regular business hours. In addition to responding to customer requests, the Customer Solutions Representatives (CSRs) scan documents related to the customer transaction, send emails, send faxes, mail letters, review reports for quality assurance, record service outage calls in the City Works application and return calls. CSRs attend quarterly safety meetings, bi-weekly departmental meetings and mandatory training sessions which reflect our dedication to continuous improvement. Customer Service staff provides support to Call Center, Cashier and New Connections Departments when needed and cross-trained staff is available.

Department Goals/Objectives:

The department's goal is to provide solutions to customer utility needs, while we accurately document the transaction. We support the organization's mission, by delivering excellent service while being innovative and responsive.

INPUT MEASURES

FTE's
 Personnel O&M Expenses
 Non-Personnel O&M Expenses
 Total O&M Expenses

OUTPUT MEASURES

Walk In/New Connects
 Online/Fax/Email Requests
 Total for Department

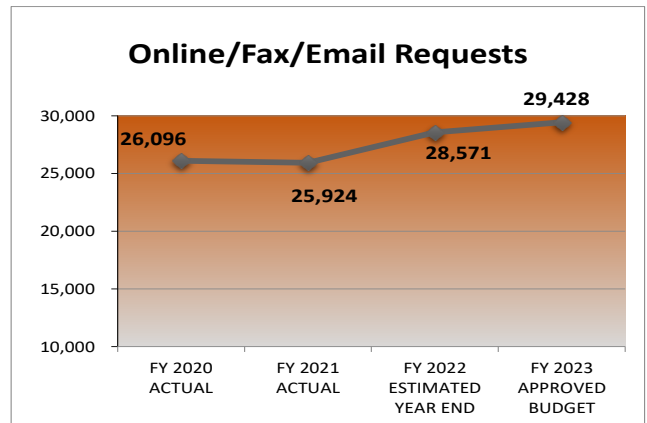
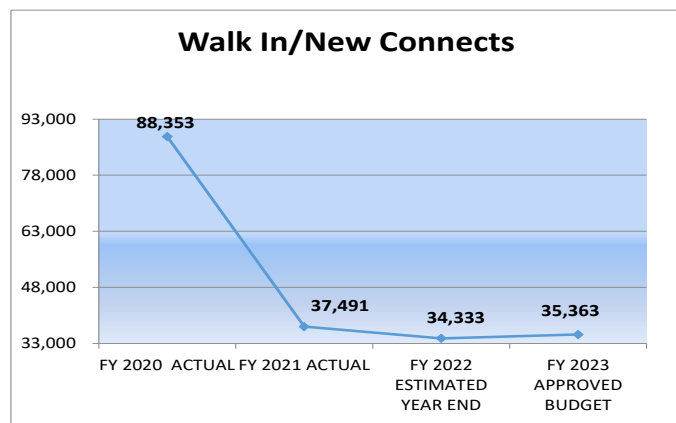
OUTCOME MEASURES

Number of Accounts
 Average Wait Time in Minutes

EFFICIENCY MEASURES

Cost Per Transaction
 Transactions per FTE

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END	FY 2023 APPROVED BUDGET
14	14	14	12
\$ 819,740	\$ 880,501	\$ 787,116	\$ 759,353
\$ 22,527	\$ 63,823	\$ 63,394	\$ 52,420
\$ 842,267	\$ 944,324	\$ 850,510	\$ 811,773
88,353	37,491	34,333	35,363
26,096	25,924	28,571	29,428
114,449	63,415	62,904	64,791
68,095	68,979	70,518	71,399
10	10	N/A	N/A
\$ 7.36	\$ 14.89	\$ 13.52	\$ 12.53
8,175	4,530	4,493	5,399



DEPARTMENT 6110 - CUSTOMER SERVICE

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 124,400	\$ 135,234	\$ 133,091	\$ 141,065	\$ 128,580	\$ 128,128
6110 Clerical staff	388,736	417,158	408,816	404,871	381,723	364,811
6130 Overtime	1,609	5,661	12,888	4,383	2,215	4,770
6201 T.M.R.S.	92,389	98,121	108,249	95,812	93,032	86,757
6205 F.I.C.A.	30,835	33,188	35,968	33,848	30,649	30,562
6206 Suta		1,888	466	-	-	-
6210 Medicare	7,211	7,762	8,412	7,916	7,168	7,148
6214 Dental Insurance	6,272	7,252	7,137	7,685	6,597	7,310
6215 Hospitalization insurance	105,460	120,230	131,420	140,404	128,644	147,184
6220 Life Insurance	524	524	514	658	452	597
6221 Long Term Disability Insurance	718	977	956	1,016	847	906
6225 Workers Compensation	13,141	14,040	15,298	13,648	13,353	12,323
6230 Vacation leave	1,383	7,971	12,065	6,638	2,829	6,295
6235 Sick leave	(9,705)	(27,646)	5,221	7,303	(8,973)	6,926
6240 Educational assistance	1,762	(2,620)	-	-	-	-
6260 Vacancy Savings	-	-	-	(25,989)	-	(44,365)
<i>O&M PERSONNEL TOTAL</i>	764,736	819,740	880,501	839,257	787,116	759,353
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	60	22	10	420	-	420
7120 Office supplies	4,490	5,778	6,736	7,250	5,295	5,250
7125 Photo equipment/supplies		300	-	-	-	-
7130 Postage/shipping charges	-	201	-	250	-	250
7140 Training expenses	755	1,020	-	750	-	1,000
7145 Travel expenses	1,516	2,318	-	1,750	-	2,000
7299 Other materials & supplies	-	-	-	-	-	-
7315 Food, meals, ice, water	1,129	939	78	1,000	789	500
7325 Rental of equip/storage/land	4,009	3,338	4,712	4,500	-	3,500
7699 Other services	66,100	6,668	50,678	39,500	3,712	39,500
7820 Office furniture & equipment	3,664	1,945	1,609	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	81,724	22,527	63,823	55,420	63,394	52,420
	846,460	842,267	944,324	894,677	850,510	811,773



Department Responsibility: Vacant

Title: Billing Manager

Telephone Ext: 6119

Dept. No: 6115

PERFORMANCE MEASURES FOR THE COLLECTIONS DEPARTMENT

Department Function:

The Collections Department is responsible for providing consistent, reliable and accurate collection strategies. Through a highly qualified workforce, advanced information technology and pro-active cooperation with various departments within the organization the Collections Department strives to collect receivables on time and decrease the amount of bad debt. Functions include: processing of returned checks, disconnects for non-payment, bad debt collections, etc.

INPUT MEASURES

FTE

O&M Personnel Expenses

O&M Non-Personnel Expenses

Total O&M Expenses

OUTPUT MEASURES

No. of Service Orders Reviewed

No. of Accounts Billed

No. of Returned Checks

No. of Bad Debt Accounts

OUTCOME MEASURES

Value of Billed Accounts

Value of Returned Checks

Value of Returned Check Fees

Value of Bad Debt

Value of Bad Debt Collected

Value of Net Bad Debt

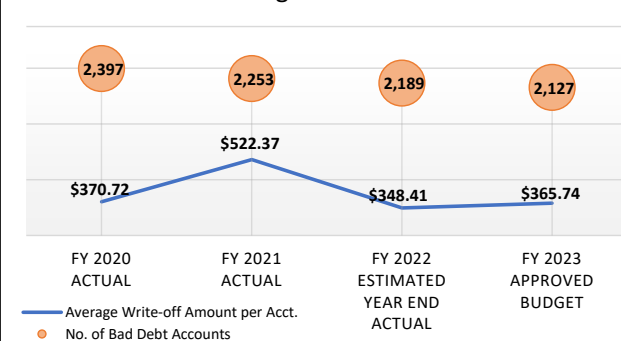
EFFICIENCY MEASURES

Average Write-off Amount per Acct.

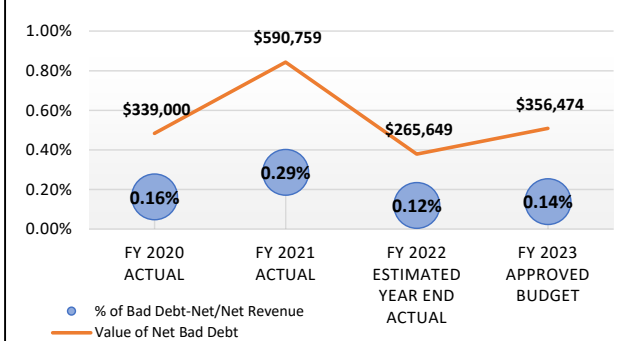
% of Bad Debt-Net/Net Revenue

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
FTE	4	4	4	4
O&M Personnel Expenses	\$ 213,663	\$ 235,449	\$ 237,463	\$ 243,354
O&M Non-Personnel Expenses	\$ 244,046	\$ 610,590	\$ 584,618	\$ 505,220
Total O&M Expenses	\$ 457,709	\$ 846,039	\$ 822,081	\$ 748,574
No. of Service Orders Reviewed	9,264	12,780	16,428	21,117
No. of Accounts Billed	808,558	823,661	838,338	853,829
No. of Returned Checks	1,848	1,493	1,961	2,576
No. of Bad Debt Accounts	2,397	2,253	2,189	2,127
Value of Billed Accounts	\$ 207,198,319	\$ 205,719,833	\$ 229,506,847	\$ 256,044,311
Value of Returned Checks	\$ 746,089	\$ 741,164	\$ 860,070	\$ 998,053
Value of Returned Check Fees	\$ 42,600	\$ 36,858	\$ 46,020	\$ 57,459
Value of Bad Debt	\$ 888,616	\$ 1,176,903	\$ 762,670	\$ 777,923
Value of Bad Debt Collected	\$ 549,616	\$ 586,144	\$ 497,021	\$ 421,449
Value of Net Bad Debt	\$ 339,000	\$ 590,759	\$ 265,649	\$ 356,474
Average Write-off Amount per Acct.	\$ 370.72	\$ 522.37	\$ 348.41	\$ 365.74
% of Bad Debt-Net/Net Revenue	0.16%	0.29%	0.12%	0.14%

Bad Debt Accounts & Avg Amount



Net Bad Debt



DEPARTMENT 6115 – COLLECTIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 63,517	\$ 84,337	\$ 83,724	\$ 87,404	\$ 87,676	\$ 87,402
6110 Clerical staff	55,564	65,551	65,495	68,097	66,355	68,078
6130 Overtime	617	70	861	1,466	126	1,293
6201 T.M.R.S.	24,561	26,200	26,638	27,290	27,043	27,364
6205 F.I.C.A.	8,117	8,645	8,601	9,641	8,814	9,640
6206 Suta	-	2,075	-	-	-	-
6210 Medicare	1,898	2,022	2,011	2,255	2,061	2,254
6214 Dental Insurance	1,687	2,340	2,332	2,587	2,307	2,587
6215 Hospitalization insurance	28,038	38,625	42,629	48,241	44,395	50,171
6220 Life Insurance	124	145	144	190	143	190
6221 Long Term Disability Insurance	186	285	283	311	285	311
6225 Workers Compensation	3,462	3,749	3,752	3,888	3,854	3,887
6230 Vacation leave	4,495	3,828	(1,021)	1,891	(3,563)	1,985
6235 Sick leave	15,781	(24,209)	-	2,081	(2,034)	2,184
6260 Vacancy Savings	-	-	-	(7,405)	-	(13,993)
<i>O&M PERSONNEL TOTAL</i>	208,048	213,663	235,449	247,935	237,463	243,354
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	270	120	-	400	-	100
7120 Office supplies	411	-	213	500	326	200
7140 Training expenses	199	-	-	-	-	-
7299 Other materials & supplies	493	122	413	500	308	500
7301 Bad debt expense	405,823	243,990	609,710	500,000	581,290	500,000
7302 Bankruptcy expenses	(326)	(2,024)	(1,284)	1,500	(478)	-
7315 Food, meals, ice, water	124	79	-	200	60	100
7601 Legal Fees	34,545	1,758	1,538	7,000	3,113	4,320
7820 Office furniture & equipment	1,406	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	442,945	244,046	610,590	510,100	584,618	505,220
	650,993	457,709	846,039	758,035	822,081	748,574



Department Responsibility: Vacant

Title: Billing Manager

Telephone Ext: 6119

Dept. No: 6120

PERFORMANCE MEASURES FOR THE BILLING DEPARTMENT

Department Function:

The Billing Department is responsible for providing customers with accurate and reliable billing services. It is responsible for delivery of external and internal correspondence including the billing statements to our customers and the mailroom operations.

Department Goals/Objectives:

The departmental goal is to provide exceptional service to our customers by delivering accurate and reliable billing services on a daily basis.

INPUT MEASURES

FTE
Personnel O&M Costs
Non-Personnel O&M Costs
Total O&M Costs

OUTPUT MEASURES

of Accounts Billed
of Hi-Lo and Billing Issues
of Bills/Reminders Mailed

OUTCOME MEASURES

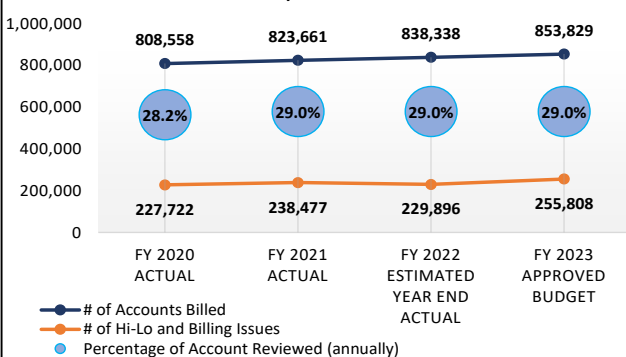
Value of Accounts Billed
Percentage of account billed on time

EFFICIENCY MEASURES

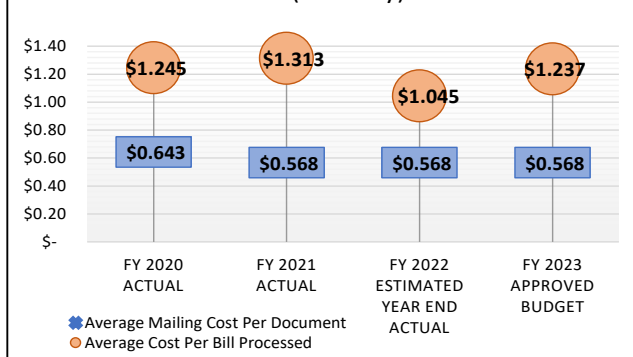
Average Cost Per Bill Processed
Average Mailing Cost Per Document
Percentage of Account Reviewed (annually)
Accounts Billed Per FTE (monthly)
Hi Lo & Billing Issues Per FTE (monthly)

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
FTE	9	9	9	9
Personnel O&M Costs	\$ 535,289	\$ 558,824	\$ 513,371	\$ 562,550
Non-Personnel O&M Costs	\$ 471,567	\$ 523,042	\$ 490,768	\$ 436,485
Total O&M Costs	\$ 1,006,856	\$ 1,081,866	\$ 1,004,139	\$ 999,035
# of Accounts Billed	808,558	823,661	838,338	853,829
# of Hi-Lo and Billing Issues	227,722	238,477	229,896	255,808
# of Bills/Reminders Mailed	724,556	776,306	790,734	1,088,003
Value of Accounts Billed	\$ 207,198,319	\$ 205,719,833	\$ 229,506,847	\$ 256,044,311
Percentage of account billed on time	100%	100%	100%	100%
Average Cost Per Bill Processed	\$ 1.245	\$ 1.313	\$ 1.045	\$ 1.237
Average Mailing Cost Per Document	\$ 0.643	\$ 0.568	\$ 0.568	\$ 0.568
Percentage of Account Reviewed (annually)	28.2%	29.0%	29.0%	29.0%
Accounts Billed Per FTE (monthly)	7,487	7,626	7,762	7,906
Hi Lo & Billing Issues Per FTE (monthly)	2,109	2,208	2,129	2,168

Accounts Billed Annually



Accounts Billed Per FTE (monthly)



DEPARTMENT 6120 – BILLING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 119,124	\$ 129,100	\$ 128,746	\$ 134,665	\$ 87,542	\$ 124,155
6110 Clerical staff	184,781	201,249	200,502	208,878	211,214	211,994
6115 Operational staff	26,369	27,502	27,170	28,370	28,600	28,371
6130 Overtime	1,365	222	1,562	4,074	1,048	5,200
6201 T.M.R.S.	58,740	62,560	63,690	65,271	57,644	64,156
6205 F.I.C.A.	19,207	20,746	20,668	23,059	18,801	22,600
6210 Medicare	4,492	4,852	4,834	5,393	4,397	5,286
6214 Dental Insurance	4,300	5,006	4,989	5,533	4,741	5,533
6215 Hospitalization insurance	75,819	87,098	96,123	108,760	91,967	106,002
6220 Life Insurance	308	340	340	449	301	442
6221 Long Term Disability Insurance	428	676	677	744	600	729
6225 Workers Compensation	8,308	9,006	9,053	9,298	8,367	9,113
6230 Vacation leave	2,240	8,582	1,402	4,523	(6,100)	4,655
6235 Sick leave	14,329	(23,813)	(4,190)	4,977	(1,899)	5,122
6240 Educational assistance	654	2,163	3,257	2,000	6,150	2,000
6260 Vacancy Savings	-	-	-	(17,710)	-	(32,807)
<i>O&M PERSONNEL TOTAL</i>	520,463	535,289	558,824	588,282	513,371	562,550
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	420	225	180	500	255	585
7120 Office supplies	988	697	849	1,000	342	1,000
7130 Postage/shipping charges	321,275	297,798	92,152	25,000	11,714	15,000
7140 Training expenses	2,700	650	-	9,590	800	2,750
7145 Travel expenses	2,282	3,267	-	-	-	-
7299 Other materials & supplies	56,871	75,421	19,336	3,500	1,146	2,000
7315 Food, meals, ice, water	301	158	-	300	135	150
7325 Rental of equip/storage/land	86,132	84,779	17,373	12,000	6,054	11,000
7335 Wearing apparel & dry goods	170	11	190	500	-	500
7415 Fuels & lubricants	2,319	1,078	2,080	3,500	3,138	3,500
7635 Software maintenance service fees	6,045	6,245	6,245	6,500	-	-
7699 Other services	-	-	384,218	420,000	467,184	400,000
7805 Computer equipment	300	-	-	-	-	-
7820 Office furniture & equipment	3,186	1,239	420	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	482,989	471,567	523,042	482,390	490,768	436,485
	1,003,452	1,006,856	1,081,866	1,070,672	1,004,139	999,035



Department Responsibility: Eduardo Campirano Jr.
 Title: Customer Service Manager
 Telephone Ext: 6242
 Dept. No: 6125

PERFORMANCE MEASURES

CALL CENTER DEPARTMENT

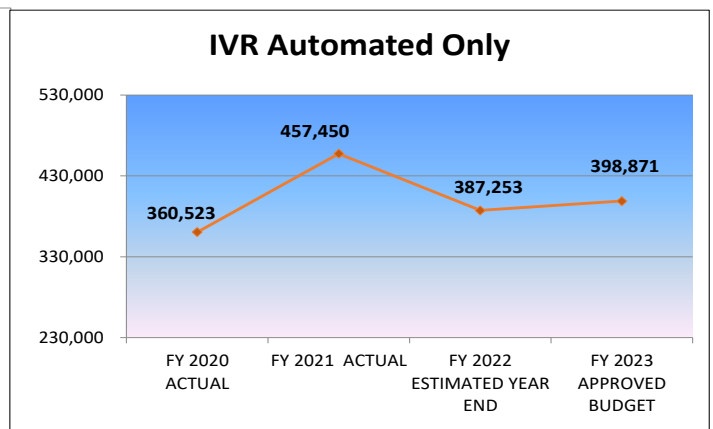
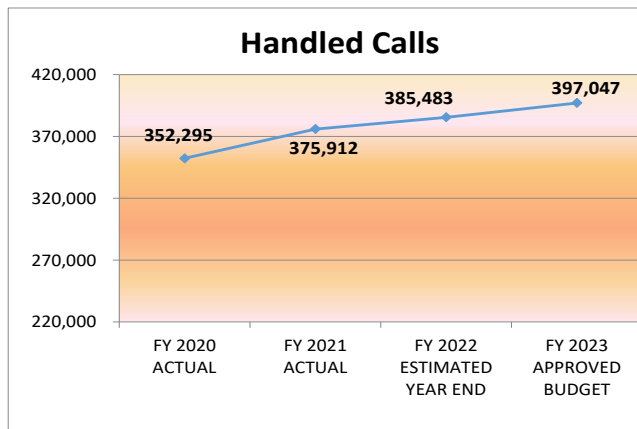
Department Function:

The Call Center staff responds to customer requests for 1) Move in, 2) Move out, 3) Payment Arrangements, 4) Reconnections, 5) High Bill Complaints, 6) Questions on Bills, 7) Letters of Reference, 8) Open Records research and 9) Trouble calls during regular business hours. In addition to responding to customer requests, the CSR 1) scans documents related to the customer transaction, 2) sends emails, 3) sends faxes, 4) mails letters, 5) reviews reports for quality assurance, 6) records trouble calls in the City Works application and 7) returns calls. CSRs attend quarterly safety meetings, bi-weekly departmental meetings and mandatory training sessions which reflect our dedication to continuous improvement. Call Center staff provides support to Customer Service and Cashier Departments when needed and cross trained staff is available.

Department Goals/Objectives:

The department's goal is to provide solutions to customer utility needs, while we accurately document the transaction. By delivering excellent service while being innovative and responsive, we support the organization's mission.

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END	FY 2023 APPROVED BUDGET
INPUT MEASURES				
FTE's	12	12	12	12
Personnel O & M Expenses	\$ 617,104	\$ 684,562	\$ 650,505	\$ 662,817
Non Personnel O & M Expenses	\$ 62,382	\$ 26,409	\$ 25,007	\$ 27,550
Total O & M Expenses	\$ 679,486	\$ 710,971	\$ 675,512	\$ 690,367
OUTPUT MEASURES				
Handled Calls	352,295	375,912	385,483	397,047
IVR Automated Only	360,523	457,450	387,253	398,871
Total Calls	712,818	833,362	772,736	795,918
OUTCOME MEASURES				
Number of Accounts	68,095	68,979	70,518	71,339
Average Wait Time in Minutes	2	2		
EFFICIENCY MEASURES				
Average Cost Per Call	\$ 0.95	\$ 0.85	\$ 0.87	\$ 0.87
Transactions Handled per Agent	29,358	31,326	32,123.58	33,087.29



DEPARTMENT 6125 - CALL CENTER

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 51,156	\$ 52,971	\$ 52,826	\$ 55,255	\$ 55,417	\$ 55,266
6110 Clerical staff	330,936	347,358	356,932	385,214	358,732	383,822
6130 Overtime	1,640	3,785	10,573	5,144	3,757	6,098
6201 T.M.R.S.	68,252	70,778	74,719	77,302	73,684	71,620
6205 F.I.C.A.	21,686	22,685	23,795	27,309	24,107	25,230
6206 Suta	-	183	-	-	-	-
6210 Medicare	5,072	5,305	5,565	6,387	5,638	5,901
6214 Dental Insurance	6,374	7,382	6,931	7,837	6,400	6,701
6215 Hospitalization insurance	107,070	122,020	128,521	148,794	121,021	124,432
6220 Life Insurance	404	399	404	543	387	502
6221 Long Term Disability Insurance	567	772	787	881	764	814
6225 Workers Compensation	9,650	10,339	10,731	11,012	10,563	10,173
6230 Vacation leave	2,073	8,574	3,027	5,357	(3,569)	5,607
6235 Sick leave	4,255	(38,580)	2,831	5,894	(8,120)	6,169
6240 Educational assistance	-	3,133	6,921	2,400	1,723	-
6260 Vacancy Savings	-	-	-	(20,975)	-	(39,518)
<i>O&M PERSONNEL TOTAL</i>	609,135	617,104	684,562	718,354	650,505	662,817
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	30	-	-	120	-	-
7120 Office supplies	2,480	1,857	1,767	2,500	2,374	3,000
7125 Photo equipment/supplies	18	-	-	-	-	-
7130 Postage/shipping charges	-	-	-	100	-	100
7140 Training expenses	680	325	-	900	-	600
7145 Travel expenses	1,536	1,054	-	2,000	-	1,700
7299 Other materials & supplies	-	-	-	-	-	-
7315 Food, meals, ice, water	1,008	414	-	500	446	250
7699 Other services	-	58,732	23,033	21,900	22,187	21,900
7820 Office furniture & equipment	3,540	-	1,609	1,920	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	9,292	62,382	26,409	29,940	25,007	27,550
	618,427	679,486	710,971	748,294	675,512	690,367



Department Responsibility: **Vacant**
 Title: **Billing Manager**
 Telephone Ext: **6119**
 Dept. No: **6130**

**PERFORMANCE MEASURES
FOR THE
METER SERVICES DEPARTMENT**

Department Function:

The Meter Services Department provides quick and accurate services (connects, disconnects, and transfers) for our customers. They provide re-reading (meters) services with abnormal consumption and as requested by customers. They're also responsible for cutting off at the pole, reporting possible tampering, checking for voltage loads, plugging sewer lines on delinquent accounts and delivering notice of disconnection to customers.

Department Goals/Objectives:

The departmental goal includes scheduling and completing service orders for electric, water, and wastewater services to the Brownsville PUB's customers in a safe and efficient manner. The department also strives to increase the cashflow for our organization by responding to non-payment cases.

INPUT MEASURES

FTE
 Personnel O&M Costs
 Non-Personnel O&M Costs
 Total O&M Costs

OUTPUT MEASURES

of Service Orders (SO) Completed
 # of Disconnections For Non-Payment
 # of Reconnects For Non-Payment
 # of Reconnect Services

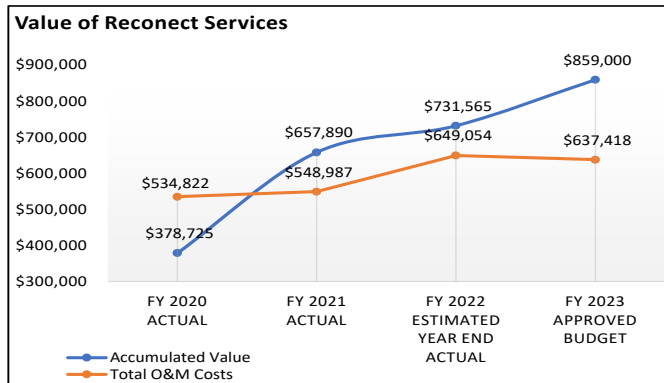
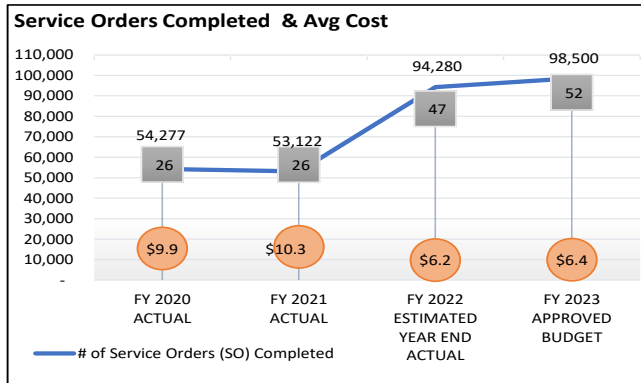
OUTCOME MEASURES

Value of Reconnect Fees
 Value of Reconnect Services
 Accumulated Value

EFFICIENCY MEASURES

Average SO Resolved per FTE per day
 Cost Per Service Order

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
FTE	9	9	9	9
Personnel O&M Costs	\$ 476,938	\$ 495,716	\$ 594,955	\$ 576,004
Non-Personnel O&M Costs	\$ 57,884	\$ 53,271	\$ 54,099	\$ 61,414
Total O&M Costs	\$ 534,822	\$ 548,987	\$ 649,054	\$ 637,418
# of Service Orders (SO) Completed	54,277	53,122	94,280	98,500
# of Disconnections For Non-Payment	7,000	15,445	17,154	19,150
# of Reconnects For Non-Payment	6,190	10,849	12,078	14,200
# of Reconnect Services	293	278	265	280
Value of Reconnect Fees	\$ 371,400	\$ 650,940	\$ 724,940	\$ 852,000
Value of Reconnect Services	\$ 7,325	\$ 6,950	\$ 6,625	\$ 7,000
Accumulated Value	\$ 378,725	\$ 657,890	\$ 731,565	\$ 859,000
Average SO Resolved per FTE per day	26	26	47	52
Cost Per Service Order	\$ 9.85	\$ 10.33	\$ 6.23	\$ 6.38



DEPARTMENT 6130 – METER SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 47,105	\$ 46,525	\$ 46,053	\$ 48,310	\$ 48,451	\$ 48,318
6115 Operational staff	286,440	295,318	261,279	304,279	319,184	313,643
6130 Overtime	9,019	1,621	6,730	15,333	12,393	15,807
6201 T.M.R.S.	60,371	60,811	56,648	61,879	67,501	63,705
6205 F.I.C.A.	19,849	20,042	18,345	21,861	22,239	22,442
6210 Medicare	4,642	4,687	4,290	5,113	5,201	5,248
6214 Dental Insurance	4,978	5,888	5,319	6,385	5,717	6,385
6215 Hospitalization insurance	74,520	86,511	85,244	105,124	100,060	113,111
6220 Life Insurance	333	319	289	428	326	440
6221 Long Term Disability Insurance	487	628	570	705	651	724
6225 Workers Compensation	8,520	8,701	7,979	8,815	9,620	9,049
6230 Vacation leave	7,477	(2,566)	1,858	4,307	3,652	4,622
6235 Sick leave	3,517	(51,546)	1,112	4,739	(41)	5,086
6260 Vacancy Savings	-	-	-	(16,865)	-	(32,577)
<i>O&M PERSONNEL TOTAL</i>	527,258	476,938	495,716	570,414	594,955	576,004
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	75	75	-	100	376	-
7120 Office supplies	818	1,243	553	1,100	261	500
7140 Training expenses	1,180	-	-	750	-	775
7145 Travel expenses	-	3,277	-	2,540	983	2,650
7180 Utilities - departmental	-	930	-	5,449	-	-
7225 Safety supplies	2,138	4,048	2,246	5,000	2,311	3,000
7299 Other materials & supplies	13,289	15,561	10,688	14,000	4,562	14,000
7315 Food, meals, ice, water	439	174	-	400	135	200
7325 Rental of equip/storage/land	7,786	7,390	5,769	-	-	-
7335 Wearing apparel & dry goods	12,993	1,640	3,971	6,289	5,075	6,289
7415 Fuels & lubricants	24,505	19,620	26,020	20,000	36,999	30,000
7505 Maint. of communication equipment	878	238	439	1,000	-	500
7635 Software maintenance service fees	2,731	2,763	3,108	3,000	3,186	3,000
7699 Other services	-	563	-	500	211	-
7835 Tools, shop and garage equipment	-	-	163	-	-	-
7899 Other minor tools & equipment	1,977	361	315	1,000	-	500
<i>O&M NON-PERSONNEL TOTAL</i>	68,808	57,884	53,271	61,128	54,099	61,414
	596,066	534,822	548,987	631,542	649,054	637,418



Department Responsibility: Norma A. Gomez

Title: CIS Support Manager

Telephone Ext: 6133

Dept. No: 6135

**PERFORMANCE MEASURES
FOR THE
CIS SUPPORT DEPARTMENT**

Department Function:

This department is responsible for implementation and testing of new features and improving upon the existing features of the Utility Manager System (UMS). In addition, this department is responsible for implementation and testing rate changes on the UMS application. Staff addresses issues from users and creates reports that will allow the user to review their work faster and complete their tasks accurately. Staff also coordinates and monitors daily and nightly billing processes which include revenues from penalties and billing.

Department Goals/Objectives:

The CIS Support Department's objective is to establish new tools that will allow the Customer & Information Services Department to care for the needs of our customers efficiently. To meet the demands of customers with new tools such as the customer self-service portal and e-mail systems. To provide audit tools to the departments that will maximize our revenue and allow them to complete their tasks accurately.

INPUT MEASURES

Employees (FTE's)
Total O&M Expenses

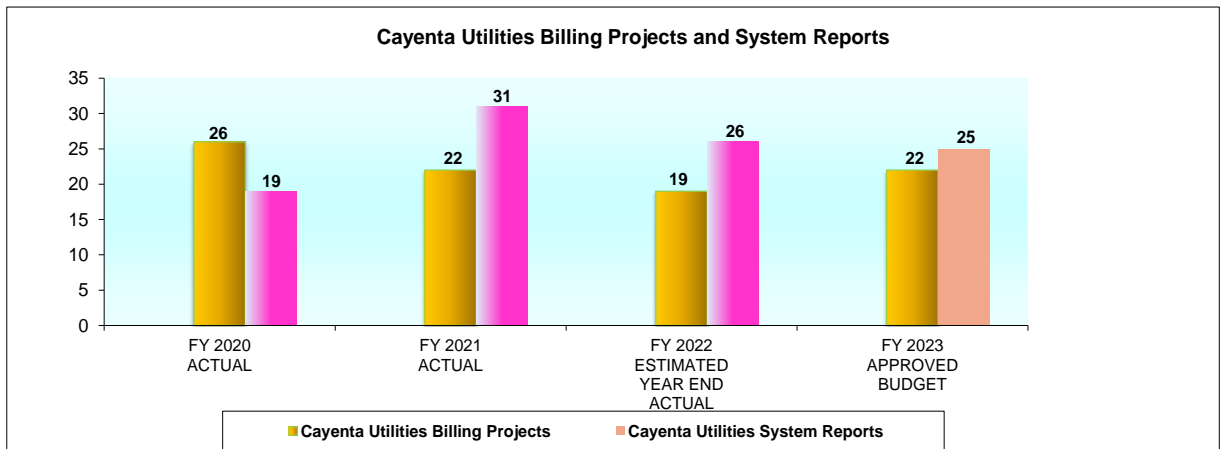
OUTPUT MEASURES

Cayenta Utilities Billing Projects
Cayenta Utilities System Reports
Training on Major Projects

OUTCOME MEASURES

Cayenta Utilities System Downtime (goal <3% daily)
Development Training Employee Success Rate (goal 100%)

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
3	3	3	4
\$ 470,172	\$ 463,168	\$ 414,803	\$ 506,664
26	22	19	22
19	31	26	25
100%	100%	100%	100%
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes



DEPARTMENT 6135 – CIS SUPPORT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 85,441	\$ 89,310	\$ 88,218	\$ 92,274	\$ 92,522	\$ 92,269
6110 Clerical staff	86,560	91,550	89,602	92,907	97,524	92,914
6130 Overtime	399	236	518	3,829	640	4,020
6201 T.M.R.S.	30,540	31,640	31,652	32,499	33,446	32,592
6205 F.I.C.A.	10,264	10,861	10,628	11,481	11,290	11,481
6210 Medicare	2,400	2,540	2,486	2,685	2,640	2,685
6214 Dental Insurance	1,415	1,497	1,490	1,653	1,533	1,653
6215 Hospitalization insurance	22,889	22,930	26,131	29,563	29,971	34,527
6220 Life Insurance	160	156	155	211	156	211
6221 Long Term Disability Insurance	256	339	337	370	341	370
6225 Workers Compensation	4,310	4,527	4,458	4,630	4,767	4,630
6230 Vacation leave	1,788	4,207	799	2,252	(771)	2,365
6235 Sick leave	(737)	(6,664)	2,704	2,478	530	2,602
6260 Vacancy Savings	-	-	-	(8,818)	-	(16,666)
<i>O&M PERSONNEL TOTAL</i>	245,685	253,129	259,178	268,014	274,588	265,652
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	180	45	90	200	-	200
7120 Office supplies	1,062	2,234	327	1,000	549	500
7130 Postage/shipping charges	-	-	-	100	-	100
7140 Training expenses	3,225	-	5,000	-	4,100	3,100
7145 Travel expenses	3,797	2,546	-	-	4,792	2,784
7299 Other materials & supplies	2,602	13	86	300	233	100
7315 Food, meals, ice, water	440	350	-	300	45	300
7635 Software maintenance service fees	168,275	200,380	182,917	204,071	111,817	203,929
7699 Other services	34,328	1,680	15,570	20,000	18,680	30,000
7820 Office furniture & equipment	-	3,944	-	-	-	-
7899 Other minor tools & equipment	-	5,851	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	213,908	217,043	203,990	225,971	140,215	241,012
	459,593	470,172	463,168	493,985	414,803	506,664



Department Responsibility: Eduardo Campirano Jr.
 Title: Customer Service Manager
 Telephone Ext: 6242
 Dept. No: 6145

**PERFORMANCE MEASURES
FOR THE
ENERGY EFFICIENCY & CONSERVATION DEPARTMENT**

Department Function:

To promote energy efficiency and conservation amongst Brownsville PUB customers.

Department Goals/Objectives:

By promoting energy efficiency, Brownsville PUB hopes to save our customers money, to help "peak shave" and thereby reduce energy costs and to eventually serve as a virtual energy source by reducing the existing and future energy requirements of our customers.

INPUT MEASURES

Employees
 LED Program
 Energy Efficiency Website Program
 Energy Efficiency and Conservation Rebate Program
 Commercial & Industrial Rebate Program
 Combined programs
 New Homes Program

OUTPUT MEASURES

Number of Website Visits
 Number of CFLs Provided to Community
 Number of Rebates
 Number of ENERGY STAR Homes

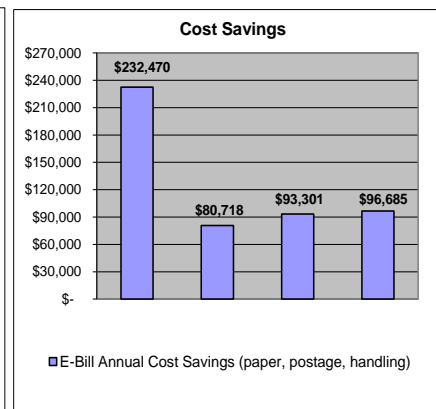
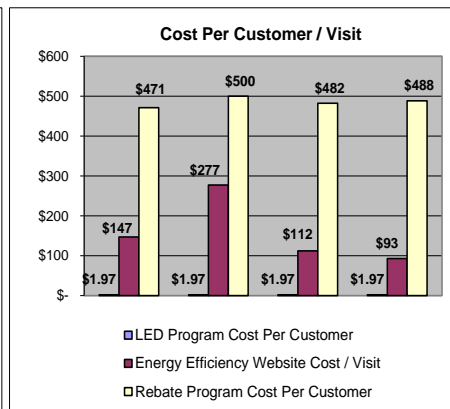
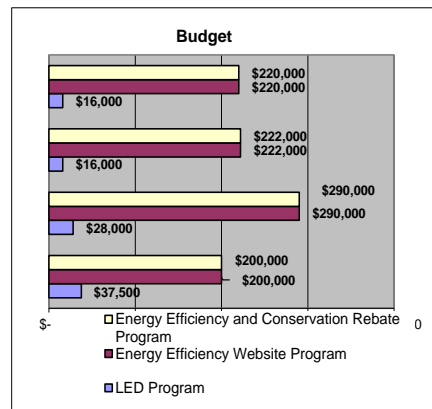
OUTCOME MEASURES

E-Bill Environmental Impact (sheets, envelopes saved)

EFFICIENCY MEASURES

LED Program Cost Per Customer
 Energy Efficiency Website Cost / Visit
 Rebate Program Cost Per Customer
 E-Bill Annual Cost Savings (paper, postage, handling)

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
1	1	1	1
\$ 37,500	\$ 28,000	\$ 16,000	\$ 16,000
\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000
\$ 200,000	\$ 290,000	\$ 222,000	\$ 220,000
\$ 200,000	\$ 110,000	\$ 115,000	\$ 120,000
\$ 400,000	\$ 400,000	\$ 337,000	\$ 340,000
\$ -	\$ -	\$ -	\$ -
190	101	250	300
7,000	8,500	6,500	7,000
850	800	700	900
-	-	-	-
183,048	146,760	168,876	175,000
\$ 1.97	\$ 1.97	\$ 1.97	\$ 1.97
\$ 147	\$ 277	\$ 112	\$ 93
\$ 471	\$ 500	\$ 482	\$ 488
\$ 232,470	\$ 80,718	\$ 93,301	\$ 96,685



DEPARTMENT 6145 – ENERGY EFFICIENCY & CONSERVATION

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6105 Administrative Staff	\$ 48,838	\$ 50,564	\$ 50,425	\$ 52,744	\$ 52,994	\$ 52,749
6201 T.M.R.S.	8,651	8,834	8,950	9,257	9,296	9,284
6205 F.I.C.A.	2,845	2,847	2,789	3,270	2,912	3,270
6210 Medicare	665	666	652	765	681	765
6214 Dental Insurance	538	620	618	685	618	685
6215 Hospitalization insurance	8,785	11,882	13,683	15,478	14,399	16,097
6220 Life Insurance	47	46	46	61	45	61
6221 Long Term Disability Insurance	74	96	96	105	97	106
6225 Workers Compensation	1,221	1,264	1,261	1,319	1,325	1,319
6230 Vacation leave	842	(329)	821	641	810	674
6235 Sick leave	795	(5,936)	-	706	194	741
6260 Vacancy Savings	-	-	-	(2,512)	-	(4,747)
<i>O&M PERSONNEL TOTAL</i>	73,302	70,553	79,340	82,519	83,370	81,003
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	-
7120 Office supplies	155	-	-	200	-	-
7140 Training expenses	-	-	-	400	-	-
7145 Travel expenses	1,054	-	-	300	-	-
7315 Food, meals, ice, water	-	14	-	-	15	-
7340 Promo Exp-Enrgy Efficiency & Consv	17,275	13,400	15,722	16,000	12,842	18,000
7345 Rebate Exp-Enrgy Efficiency & Cnsrv	265,537	231,916	311,320	220,000	256,954	220,000
7346 Water Efficiency Program	-	-	-	2,000	-	-
7347 Commercial & Industrial Rebate Prog	189,137	128,488	52,586	115,000	72,325	100,000
7415 Fuels & lubricants	281	223	145	500	146	500
7635 Software maintenance service fees	27,250	27,250	27,250	30,000	27,250	30,000
7699 Other services	46,250	44,375	52,750	45,000	44,375	45,000
<i>O&M NON-PERSONNEL TOTAL</i>	546,939	445,666	459,773	429,400	413,906	413,500
	620,241	516,219	539,113	511,919	497,276	494,503



Department Responsibility: **Arnold Villarreal**
 Title: **Supervisor**
 Telephone Ext: **6146**
 Dept. No: **6150**

PERFORMANCE MEASURES FOR THE METER READING DEPARTMENT

Department Function:

The Meter Reading Department responsible for providing reliable and timely reads on electric and water meters anywhere on the BPUB area of service including Brownsville City limits and extraterritorial jurisdictions (ETJ). All meters are read once a month on walking routes. Also assist the pre-billing reads validation which consist of a third verification of the meter read requested when the read is inconsistent with the customer's consumption history.

Department Goals/Objectives:

The departmental goals include scheduling and performing daily 100% accurate meter reads in observance to the billing schedule

INPUT MEASURES

FTE
 O&M Personnel Expenses
 O&M Non-Personnel Expenses
 Total O&M Expenses

OUTPUT MEASURES

No. of Meter Reads
 No. of Meters Estimated

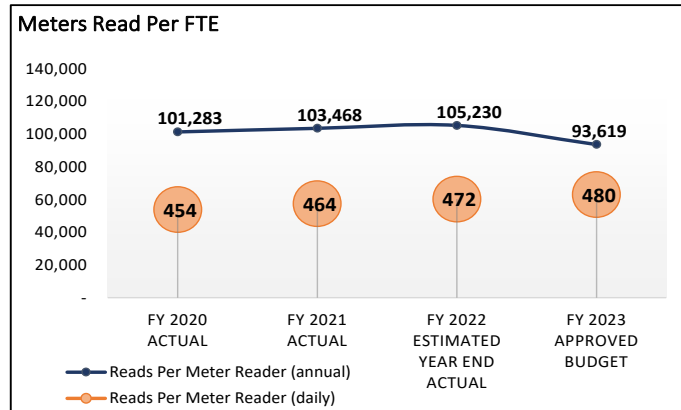
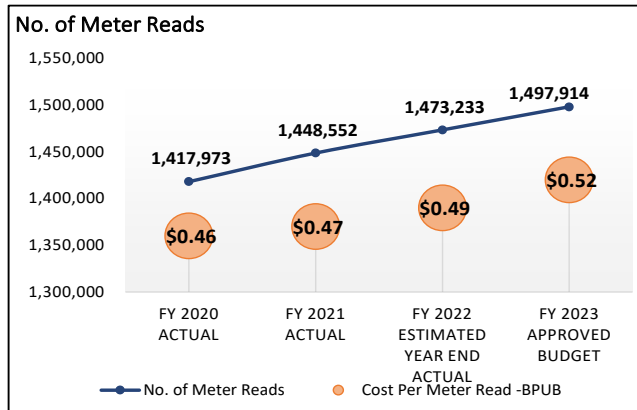
OUTCOME MEASURES

% of Estimated Readings
 % of Radio Frequency Meters Installed

EFFICIENCY MEASURES

Cost Per Meter Read -BPUB
 Reads Per Meter Reader (annual)
 Reads Per Meter Reader (daily)

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
FTE	14	14	14	14
O&M Personnel Expenses	\$ 598,769	\$ 622,443	\$ 645,432	\$ 693,399
O&M Non-Personnel Expenses	\$ 72,056	\$ 76,699	\$ 98,086	\$ 96,100
Total O&M Expenses	\$ 670,825	\$ 699,142	\$ 743,518	\$ 789,499
No. of Meter Reads	1,417,973	1,448,552	1,473,233	1,497,914
No. of Meters Estimated	18,961	27,815	38,859	40,000
% of Estimated Readings	1.34%	1.88%	2.63%	2.67%
% of Radio Frequency Meters Installed	8%	8%	8%	8%
Cost Per Meter Read -BPUB	\$ 0.46	\$ 0.47	\$ 0.49	\$ 0.52
Reads Per Meter Reader (annual)	101,283	103,468	105,230	93,619
Reads Per Meter Reader (daily)	454	464	472	480



DEPARTMENT 6150 – METER READING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 45,727	\$ 47,339	\$ 47,210	\$ 49,380	\$ 51,086	\$ 51,854
6115 Operational staff	319,783	351,015	331,552	353,348	334,813	372,174
6130 Overtime	8,442	2,389	8,672	15,897	16,257	18,003
6201 T.M.R.S.	66,398	71,023	69,799	70,679	71,897	74,629
6205 F.I.C.A.	22,533	24,262	23,229	24,969	24,362	26,290
6210 Medicare	5,270	5,674	5,433	5,840	5,698	6,148
6214 Dental Insurance	5,927	7,027	7,021	8,028	6,682	8,153
6215 Hospitalization insurance	95,249	112,999	124,751	145,573	122,131	150,943
6220 Life Insurance	406	408	388	525	378	545
6221 Long Term Disability Insurance	540	746	713	806	697	848
6225 Workers Compensation	9,398	10,168	9,834	10,068	10,298	10,601
6230 Vacation leave	2,634	105	(4,027)	4,912	26	5,415
6235 Sick leave	10,826	(34,387)	(2,132)	5,404	1,107	5,958
6260 Vacancy Savings	-	-	-	(19,231)	-	(38,163)
<i>O&M PERSONNEL TOTAL</i>	593,134	598,769	622,443	676,198	645,432	693,399
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	556	75	-	600	326	800
7120 Office supplies	1,257	1,487	1,238	1,500	1,656	1,000
7130 Postage/shipping charges	1,522	166	-	200	212	200
7140 Training expenses	1,485	-	-	905	1,295	1,000
7145 Travel expenses	1,617	1,390	-	1,500	3,554	2,000
7180 Utilities - departmental	3,364	3,962	-	5,449	-	4,000
7190 Utilities - CP&L & Mvec	12	-	-	-	-	-
7225 Safety supplies	1,843	4,624	3,541	5,000	3,384	4,000
7299 Other materials & supplies	14,925	9,272	10,763	15,000	6,362	15,000
7315 Food, meals, ice, water	901	667	40	1,000	225	300
7325 Rental of equip/storage/land	7,786	7,390	5,769	-	-	-
7335 Wearing apparel & dry goods	15,266	929	4,028	7,300	6,168	7,300
7415 Fuels & lubricants	20,091	19,097	25,229	20,000	38,792	35,000
7501 Maint. of buildings & structures	-	-	-	-	-	-
7505 Maint. of communication equipment	878	295	878	1,000	4,500	1,000
7645 Maintenance services	33,764	21,688	23,353	23,000	921	22,000
7647 Remote Reading Services	-	-	-	5,800	26,920	-
7699 Other services	-	-	737	-	946	-
7899 Other minor tools & equipment	885	1,014	1,124	3,500	2,826	2,500
<i>O&M NON-PERSONNEL TOTAL</i>	106,151	72,056	76,699	91,754	98,086	96,100
	699,285	670,825	699,142	767,952	743,518	789,499



Department Responsibility: Eduardo Campirano Jr.
Title: Customer Service Manager
Telephone Ext: 6242
Dept. No: 6160

**PERFORMANCE MEASURES
FOR THE
CASHIERS DEPARTMENT**

Department Function:

The Cashiers Department is responsible for processing payments in an efficient and effective manner. In addition, this department is responsible for controlling departmental costs and staffing levels while implementing new methods of payment processing to achieve greater efficiency. Cashiers staff provides support to Call Center and Customer Service when needed and cross-trained staff is available.

Department Goals/Objectives:

The department's goal is to provide customers with the timely processing of payments and accurate handling of both the cash/checks and credit card transactions. The department's goal includes providing support to the mission of our organization.

INPUT MEASURES

FTE's
 Personnel O & M Expenses
 Non-Personnel O & M Expenses
 Total Expenses

OUTPUT MEASURES

Cashier Handled Payments - 2020 COVID closed
 Automated Payments
 Total Payments Processed

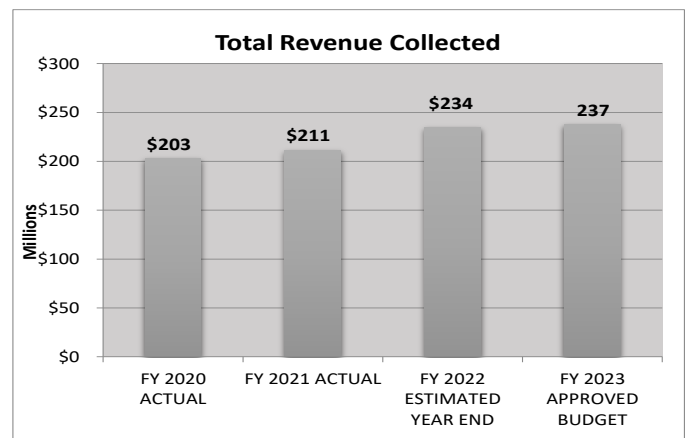
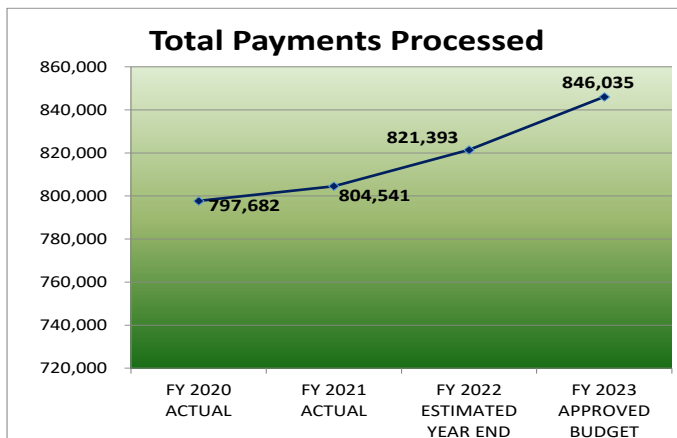
OUTCOME MEASURES

Number of Accounts
 Total Revenue Collected

EFFICIENCY MEASURES

Transactions Per FTE
 Cost Per Payment

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END	FY 2023 APPROVED BUDGET
FTE's	8	8	8	8
Personnel O & M Expenses	\$ 407,922	\$ 411,444	\$ 428,117	\$ 459,620
Non-Personnel O & M Expenses	\$ 646,094	\$ 766,114	\$ 796,709	\$ 777,064
Total Expenses	\$ 1,054,016	\$ 1,177,558	\$ 1,224,826	\$ 1,236,684
Cashier Handled Payments - 2020 COVID closed	171,043	48,571	95,666	98,536
Automated Payments	626,639	755,970	725,727	747,499
Total Payments Processed	797,682	804,541	821,393	846,035
Number of Accounts	68,095	68,979	70,518	71,399
Total Revenue Collected	\$ 202,760,589	\$ 210,846,980	\$ 234,253,073	237,181,237
Transactions Per FTE	99,710	100,568	102,674	105,754
Cost Per Payment	\$ 1.32	\$ 1.46	\$ 1.49	\$ 1.46



DEPARTMENT 6160 - CASHIERS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 47,314	\$ 48,993	\$ 48,859	\$ 51,106	\$ 51,246	\$ 51,106
6110 Clerical staff	220,679	223,953	207,522	225,320	215,411	238,784
6130 Overtime	4,792	4,935	5,301	4,994	2,220	8,582
6201 T.M.R.S.	50,609	48,556	47,002	48,513	47,910	51,021
6205 F.I.C.A.	16,510	16,154	15,268	17,138	15,775	17,973
6210 Medicare	3,861	3,778	3,571	4,008	3,689	4,203
6214 Dental Insurance	3,918	4,382	4,191	4,848	4,134	4,848
6215 Hospitalization insurance	69,326	71,846	76,013	89,646	79,083	93,233
6220 Life Insurance	278	264	251	344	250	359
6221 Long Term Disability Insurance	394	509	481	553	484	580
6225 Workers Compensation	7,143	6,948	6,621	6,911	6,963	7,247
6230 Vacation leave	(2,013)	7,124	(2,910)	3,379	(754)	3,702
6235 Sick leave	7,656	(29,521)	(727)	3,718	1,704	4,073
6260 Vacancy Savings	-	-	-	(13,231)	-	(26,090)
<i>O&M PERSONNEL TOTAL</i>	<u>430,467</u>	<u>407,922</u>	<u>411,444</u>	<u>447,246</u>	<u>428,117</u>	<u>459,620</u>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	30	-	-	-	-	-
7120 Office supplies	4,577	6,608	3,911	5,000	6,648	4,000
7130 Postage/shipping charges	-	-	618	-	-	-
7140 Training expenses	370	15	-	-	-	-
7145 Travel expenses	940	-	-	-	-	-
7315 Food, meals, ice, water	711	163	-	200	90	100
7635 Software maintenance service fees	3,415	3,500	3,570	3,731	3,713	4,000
7645 Maintenance services	5,394	5,037	5,037	5,500	6,339	5,000
7650 Security services	2,880	2,160	3,134	3,000	3,897	3,964
7699 Other services	596,533	628,203	748,466	660,000	769,760	760,000
7820 Office furniture & equipment	11,234	408	1,378	8,072	6,261	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>626,083</u>	<u>646,094</u>	<u>766,114</u>	<u>685,503</u>	<u>796,709</u>	<u>777,064</u>
	1,056,550	1,054,016	1,177,558	1,132,749	1,224,826	1,236,684



Department Responsibility: Luis Russell
 Title: Acting Risk Manager
 Telephone Ext: 6249
 Dept. No: 7120

**PERFORMANCE MEASURES
FOR THE
RISK/INSURANCE MANAGEMENT DEPARTMENT**

Department Function:

The Risk/Insurance Management Department's function is to provide risk management and insurance services to protect the utility's assets.

Department Goals/Objectives:

The purpose of the Risk/Insurance Management Department is to provide cost effective, comprehensive coverage to the utility for the most coverage at the least cost and to resolve claims and subrogate claims in a timely manner.

INPUT MEASURES

Employees
 Total O&M Expenses

OUTPUT MEASURES

Operational Reports (monthly)
 No. of Claims Filed with Insurance (WC)
 BPUB Injury Illness Reports
 No. of Claims Filed with Insurance (Risk)
 No. of Paid Claims Filed with Insurance (Risk)
 No. of Denied Claims Filed with Insurance (Risk)
 Number of Claims in Litigation (Risk)
 No. Electrical Claims
 No. Electrical Claims Subrogated
 No. Electrical Claims Subrogated and paid
 No. Electrical Claims unable to Subrogate
 No. Water/Wastewater Claims
 No. Water/Wastewater Claims Subrogated
 No. Water/Wastewater Claims Subrogated and Paid
 No. Water/Wastewater Claims Unable to Subrogate

OUTCOME MEASURES

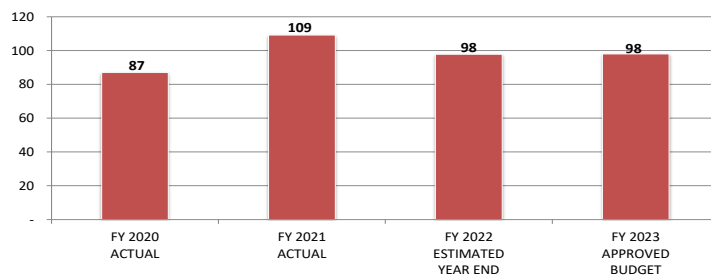
Maintain Monthly Count of Incidents by Department
 Maintain Monthly Tally of Cost Per Injury
 Track % of Timeliness of Reporting
 Maintain Claims Logs
 Track Timeliness of Claim Processing

EFFICIENCY MEASURES

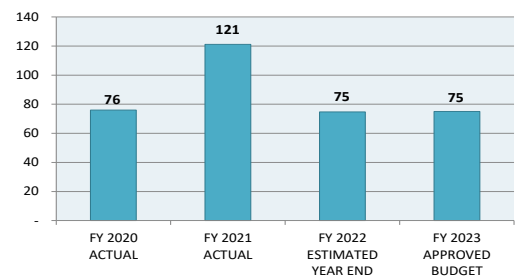
Avg. No. of Claim Per Month
 Avg. Cost of Claim (WC)
 No. of Work Related Injuries per Year
 Lost Time Accident/Incident Rate
 Avg No. of Claims Filed with Insurance Per Month (Risk)
 Avg Cost of Claim (\$)
 Avg No. of Subrogated Claims Per Month
 Avg Electric Claim Subrogated Amount (\$)
 Avg Water/Wastewater Claim Subrogated Amount (\$)
 Avg Cost of Claims in Litigation (\$)

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
3	3	3	2
\$ 2,205,586	\$ 2,864,083	\$ 3,276,552	\$ 4,132,570
12	12	12	12
30	25	29	29
12	12	29	29
92	319	104	104
19	17	15	15
70	298	72	72
5	7	6	6
87	109	98	98
36	10	23	23
36	4	6	6
67	86	54	54
76	121	75	75
13	5	20	20
11	1	3	3
60	97	48	48
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
100%	100%	100%	100%
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
2.50	2.50	2.60	2.60
\$ 3,000.00	\$ 3,000.00	\$ 3,325.00	\$3,325.00
35	35	32	32
4.00%	5.00%	6.00%	6.00%
10	31	8	8
\$ 3,490.00	\$ 3,615.11	\$ 1,691.00	\$1,691
10	11	4	4
\$ 4,769.00	\$ 4,551.46	\$ 6,663.00	\$6,663.00
\$ 1,532.00	\$ 2,678.76	\$ 3,588.00	\$3,588.00
\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$125,000.00

No. Electrical Claims



No. Water/Wastewater Claims



DEPARTMENT 7120 – RISK / INSURANCE MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 64,791	\$ 65,020	\$ 64,812	\$ 67,791	\$ 33,644	\$ -
6105 Administrative Staff	44,286	45,853	96,065	106,557	123,809	136,011
6201 T.M.R.S.	19,322	19,413	28,618	30,598	27,744	23,938
6205 F.I.C.A.	6,240	6,160	9,238	10,810	9,198	8,433
6210 Medicare	1,459	1,441	2,161	2,528	2,151	1,972
6214 Dental Insurance	1,248	1,466	1,852	2,103	1,519	1,293
6215 Hospitalization insurance	22,012	24,779	34,270	39,598	29,324	25,085
6220 Life Insurance	104	98	144	200	128	153
6221 Long Term Disability Insurance	164	211	313	349	282	272
6225 Workers Compensation	2,727	2,778	4,028	4,359	3,952	3,400
6230 Vacation leave	581	(1,477)	4,974	2,120	(2,693)	1,737
6235 Sick leave	1,485	(17,541)	1,909	2,333	(2,260)	1,911
6260 Vacancy Savings	-	-	-	(8,302)	-	(12,241)
<i>O&M PERSONNEL TOTAL</i>	164,420	148,201	248,384	261,044	226,798	191,965
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	-	655	8,509	2,200	-	3,300
7120 Office supplies	42	429	252	500	227	575
7130 Postage/shipping charges	107	73	461	150	73	500
7140 Training expenses	1,190	1,190	425	3,000	1,745	2,500
7145 Travel expenses	3,367	1,711	-	-	531	-
7225 Safety supplies	-	33	86	200	-	230
7299 Other materials & supplies	-	-	-	-	15	-
7315 Food, meals, ice, water	37	39	-	100	33	-
7380 Insurance - general liability	57,560	116,063	104,936	56,500	63,459	51,000
7381 Insurance - boiler,mchnry,property	915,779	1,116,362	1,591,434	2,376,180	1,948,166	2,500,000
7382 Insurance - blanket bond	5,670	5,721	6,050	6,500	5,971	6,500
7384 Insurance - public officials liab	63,559	65,096	70,059	80,000	91,609	100,000
7385 Insurance - comprehensive auto liab	128,417	148,608	163,175	180,000	170,528	174,650
7386 Insurance - umbrella liability	441,203	451,642	489,642	560,000	593,435	800,000
7387 Insurance - self insured damages	17,197	13,359	36,633	80,000	25,945	125,000
7388 Excess Workers Compensation	59,284	44,907	57,469	60,000	64,595	82,250
7415 Fuels & lubricants	3,114	1,725	3,381	2,000	6,187	4,000
7601 Legal Fees	-	-	-	2,000	-	2,000
7699 Other services	62,367	69,958	82,538	100,000	76,738	88,100
7820 Office furniture & equipment	-	215	649	165	496	-
7899 Other minor tools & equipment	-	19,600	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	1,758,893	2,057,385	2,615,699	3,509,495	3,049,754	3,940,605
	1,923,313	2,205,586	2,864,083	3,770,539	3,276,552	4,132,570



Department Responsibility: **Jesus Alfaro**
 Title: **Senior Right-of-Way Agent**
 Telephone Ext: **6210**
 Dept. No: **7125**

**PERFORMANCE MEASURES
FOR THE
RIGHT-OF-WAY DEPARTMENT**

Department Function:

The Right of Way Section (ROW) provides professional right-of-way acquisition services for Brownsville PUB in conjunction with the city of Brownsville. The BPUB Right of Way staff follows Local, State, and Federal Guidelines of Land Acquisition Grant Projects. BPUB delivers right-of-way acquisition for natural gas pipelines, electric transmission/distribution lines, water lines, wastewater lines, resacas, and utility infrastructure projects.

Department Goals/Objectives:

The Right of Way Section (ROW) secures Fee Simple Real Estate Properties, Water Rights Purchases, Land Donations, Land Leases, Right-of-Entry Permits, Utility Easements Acquisitions, Program Management, Route Evaluation and Selection, Title Search, Title Curative Support, Appraisal Activities, Crossing Permits, Negotiations, Property Management, Market Values Studies, Residential and Business Relocation, Statutory and Non-Statutory Acquisition, Condemnation Support, Expert Witness Testimony, Utility Coordination, and Relocation.

INPUT MEASURES

Employees (FTEs)
 O&M Non-Personnel Expenses

OUTPUT MEASURES

Fee Simple Real Estate (Acres of land)
 Fee Simple Real Estate (Number of Parcels)
 Right-of-Way (Acres)
 Right-of-Way (Parcels)
 Water Rights Adj. Cert.- M865-MUL- Service Area
 Water Rights Adj. Cert.- 1838-MUL- C [Acre Ft.]
 Water Rights Adj. Cert.- 5259-STG - Cameron [Acre
 Water Rights Adj. Cert.- 0865-003 MUN- Service Area
 Water Rights Adj. Cert.- A865-IRR- Service Area
 Water Rights Adj. Cert.- 0829-003 IRR- Floating [Acre
 Water Rights - Leased in Acre Feet
 Subdivision Reviewed and Approved
 Easements-License, Encroachments
 Land Leases (Acres of Land)
 Land Leases - (Number of Leases)
 Land Title Insurance Policies

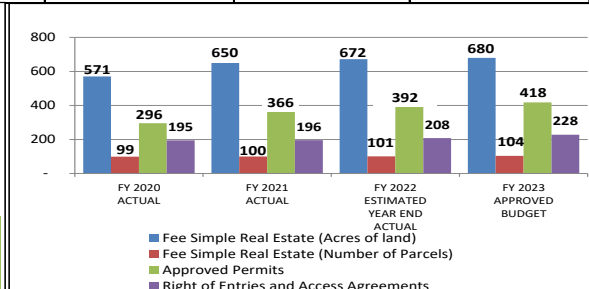
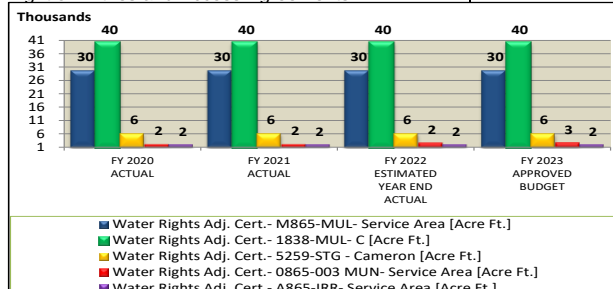
OUTCOME MEASURES

Land Conveyed to Public Entities
 Title Reports or Title Commitments
 County Clerk Recordings of Real Estate Documents
 Appraisals
 Land Surveys

EFFICIENCY MEASURES

Utility Easements - (Acquired Acres)
 Utility Easements - (Number of Parcels)
 Electrical Easements - (Acquired Acres)
 Electrical Easements - (Number of Parcels)
 Electrical CCN Projects Approved by PUCT
 Approved Permits
 Right of Entries and Access Agreements

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
Employees (FTEs)	-	-	-	2
O&M Non-Personnel Expenses	\$ -	\$ -	\$ -	\$ 175,208
Fee Simple Real Estate (Acres of land)	571	650	672	680
Fee Simple Real Estate (Number of Parcels)	99	100	101	104
Right-of-Way (Acres)	80	90	93	100
Right-of-Way (Parcels)	118	123	135	145
Water Rights Adj. Cert.- M865-MUL- Service Area	29,565	29,565	29,565	29,565
Water Rights Adj. Cert.- 1838-MUL- C [Acre Ft.]	40,000	40,000	40,000	40,000
Water Rights Adj. Cert.- 5259-STG - Cameron [Acre	6,000	6,000	6,000	6,000
Water Rights Adj. Cert.- 0865-003 MUN- Service Area	1,957	1,957	2,401	2,501
Water Rights Adj. Cert.- A865-IRR- Service Area	1,783	1,783	1,783	1,783
Water Rights Adj. Cert.- 0829-003 IRR- Floating [Acre	63	63	63	63
Water Rights - Leased in Acre Feet	2,000	2,000	2,010	3,010
Subdivision Reviewed and Approved	2,115	2,165	2,208	2,248
Easements-License, Encroachments	15	17	18	20
Land Leases (Acres of Land)	162	162	162	162
Land Leases - (Number of Leases)	7	6	5	5
Land Title Insurance Policies	100	123	146	151
Land Conveyed to Public Entities	2	2	2	3
Title Reports or Title Commitments	571	571	571	611
County Clerk Recordings of Real Estate Documents	1,031	1,052	1,066	1,696
Appraisals	23	25	27	40
Land Surveys	45	55	65	75
Utility Easements - (Acquired Acres)	150	160	164	208
Utility Easements - (Number of Parcels)	560	666	772	812
Electrical Easements - (Acquired Acres)	130	131	133	135
Electrical Easements - (Number of Parcels)	190	190	210	230
Electrical CCN Projects Approved by PUCT	127	129	132	137
Approved Permits	296	366	392	418
Right of Entries and Access Agreements	195	196	208	228



DEPARTMENT 7125 – RIGHT-OF-WAY

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6130 Overtime	-	-	-	-	-	2,703
<i>O&M PERSONNEL TOTAL</i>	-	-	-	-	-	2,703
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	2,065
7120 Office supplies	-	-	-	-	-	2,000
7130 Postage/shipping charges	-	-	-	-	-	40
7140 Training expenses	-	-	-	-	-	500
7145 Travel expenses	-	-	-	-	-	500
7225 Safety supplies	-	-	-	-	-	400
7325 Rental of equip/storage/land	-	-	-	-	-	102,000
7330 Right of way fees	-	-	-	-	-	48,000
7415 Fuels & lubricants	-	-	-	-	-	2,000
7635 Software maintenance service fees	-	-	-	-	-	15,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	-	-	-	172,505
	-	-	-	-	-	175,208



Department Responsibility: **Sergio Martinez**
 Title: **Area Manager**
 Telephone Ext: **6156**
 Dept. No: **7130**

**PERFORMANCE MEASURES
FOR THE
INFORMATION TECHNOLOGY DEPARTMENT**

Department Function:

- Provides the computing, telecommunications, and infrastructure for Brownsville PUB and supports network services and systems services.
- Information Technology Network Services: Provide hardware/software support and user training; technological support and consultation for all departments throughout Brownsville PUB; maintain client/server environment; develop and maintain infrastructure to provide connectivity and access to information; operate a centralized help desk for all technology support requests.
- Information Technology Systems Services: Provide maintenance and support of Brownsville PUB Core Business System; development and maintenance of applications; development and maintenance of web services, telephone, and special reports.

Department Goals/Objectives:

- Supply the information technology services necessary for Brownsville PUB to be effective and efficient in providing economical and friendly service to our customers.
- Plan for information systems, including evaluation and recommendation of applicable new technologies.
- Proactive support in the uses of information technology for the improvement of Brownsville PUB processes and procedures.

INPUT MEASURES

O&M Personnel Expenses
 O&M Non-Personnel Expenses

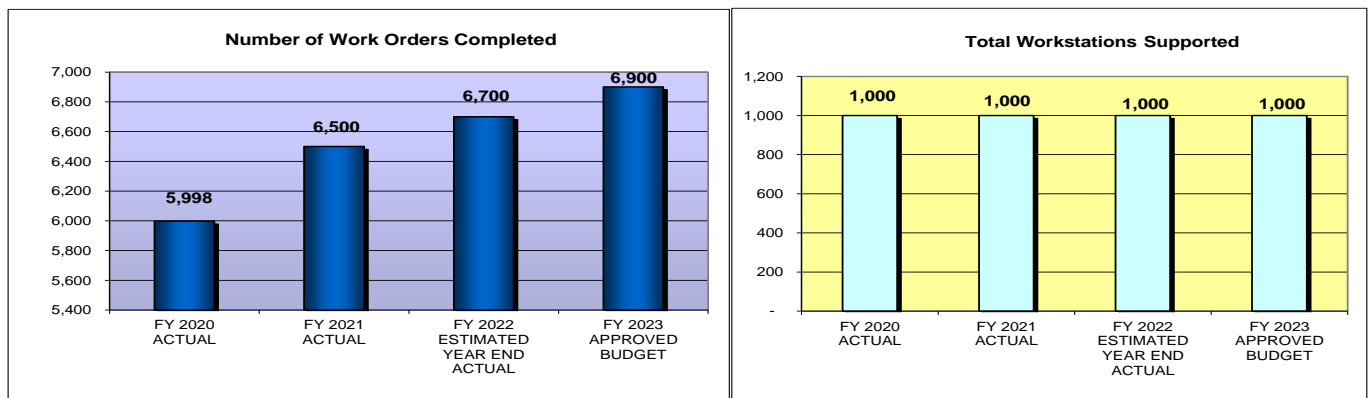
OUTPUT MEASURES

Number of Work Orders Completed
 Total Workstations Supported
 Servers Supported

EFFICIENCY MEASURES

Projects Completed
 System Availability:
 Telephones
 Network
 Applications
 Internet

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
O&M Personnel Expenses	\$ 1,536,920	\$ 1,659,131	\$ 1,608,581	\$ 1,733,460
O&M Non-Personnel Expenses	\$ 1,782,560	\$ 1,664,272	\$ 1,887,131	\$ 1,859,195
Number of Work Orders Completed	5,998	6,500	6,700	6,900
Total Workstations Supported	1,000	1,000	1,000	1,000
Servers Supported	206	210	230	230
Projects Completed				
System Availability:				
Telephones	99.90%	99.90%	99.90%	99.90%
Network	99.90%	99.90%	99.90%	99.90%
Applications	99.90%	99.90%	99.90%	99.90%
Internet	99.90%	99.90%	99.90%	99.90%



DEPARTMENT 7130 - INFORMATION TECHNOLOGY

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 366,457	\$ 381,209	\$ 383,017	\$ 398,929	\$ 400,019	\$ 398,923
6105 Administrative Staff	587,239	594,351	638,235	679,508	609,054	728,354
6110 Clerical staff	43,218	83,342	82,042	84,892	78,144	84,885
6130 Overtime	402	467	3,552	5,247	1,591	6,122
6201 T.M.R.S.	177,834	185,490	198,125	204,164	193,714	213,340
6205 F.I.C.A.	58,737	63,167	65,829	72,126	65,074	75,154
6210 Medicare	13,737	14,643	15,396	16,868	15,219	17,576
6214 Dental Insurance	8,046	9,677	10,221	11,482	9,508	11,156
6215 Hospitalization insurance	153,698	171,828	199,707	229,383	196,939	240,439
6220 Life Insurance	919	912	948	1,308	890	1,368
6221 Long Term Disability Insurance	1,475	2,017	2,101	2,327	1,981	2,424
6225 Workers Compensation	24,977	26,484	27,907	29,083	27,679	30,304
6230 Vacation leave	1,292	39,140	24,625	14,148	1,308	15,479
6235 Sick leave	(12,619)	(35,808)	7,428	15,566	7,460	17,031
6260 Vacancy Savings	-	-	-	(55,397)	-	(109,095)
<i>O&M PERSONNEL TOTAL</i>	<u>1,425,411</u>	<u>1,536,920</u>	<u>1,659,131</u>	<u>1,709,637</u>	<u>1,608,581</u>	<u>1,733,460</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	65	-	-	-	-	-
7110 Dues & memberships	-	-	-	-	58	-
7120 Office supplies	3,759	2,895	389	3,000	1,447	2,000
7130 Postage/shipping charges	54	50	74	100	34	100
7135 Telephone expenses	188,594	189,888	183,882	200,000	221,794	200,000
7140 Training expenses	7,823	2,826	-	4,000	140	2,000
7145 Travel expenses	10,728	1,947	-	3,000	2,239	2,000
7180 Utilities - departmental	3,268	3,793	3,420	3,000	3,698	3,000
7299 Other materials & supplies	12,790	4,378	8,337	7,000	5,173	5,000
7315 Food, meals, ice, water	264	243	14	250	429	-
7335 Wearing apparel & dry goods	138	-	-	-	-	-
7415 Fuels & lubricants	1,129	887	929	700	1,145	700
7605 Engineering fees	-	42,574	-	-	-	-
7635 Software maintenance service fees	604,128	784,339	774,503	740,400	930,031	886,770
7645 Maintenance services	230,653	183,884	307,975	205,000	339,277	287,625
7699 Other services	57,644	-	25,648	50,000	-	50,000
7801 Communication equipment	17,237	-	13,655	5,000	-	5,000
7805 Computer equipment	281,807	468,624	267,020	50,000	318,318	340,000
7806 Software licenses-new	85,403	96,232	78,427	90,000	63,350	75,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>1,505,485</u>	<u>1,782,560</u>	<u>1,664,272</u>	<u>1,361,450</u>	<u>1,887,131</u>	<u>1,859,195</u>
	2,930,896	3,319,480	3,323,403	3,071,087	3,495,712	3,592,655



Department Responsibility: Hazael Becerra
 Title: GIS Manager
 Telephone Ext: 6294
 Dept. No: 7135

**PERFORMANCE MEASURES
FOR THE
GEOGRAPHIC INFORMATION SYSTEMS DEPARTMENT**

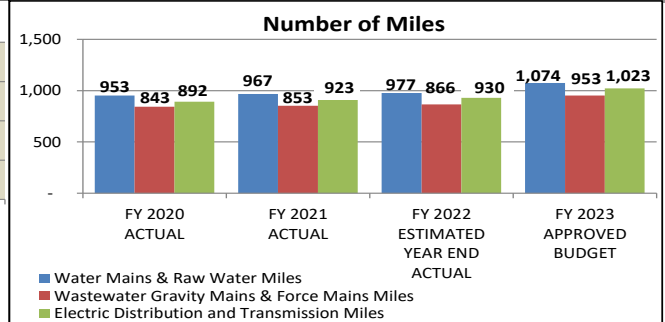
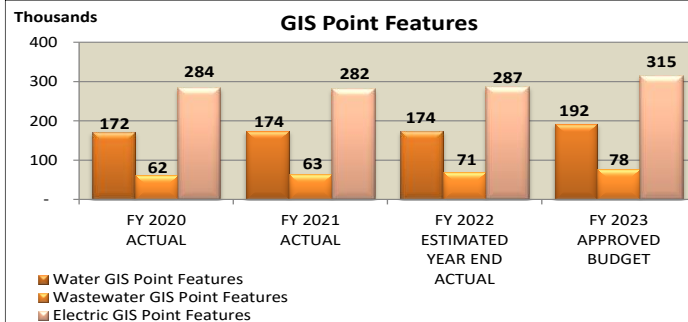
Department Function:

The Geographic Information Systems (GIS) Department plays an integral role in defining Brownsville PUB internal operational mapping needs. GIS is diligently evaluating the content, accuracy, and adequacy of existing and newly acquired data sets; identifying data needs in relation to work functions requirements; defining potential GIS applications for each department; assessing training requirements for GIS end users; reviewing areas for potential process improvements; and data sharing.

Department Goals/Objectives:

The Geographic Information System (GIS) Department is primarily responsible for the content and quality of spatial data and its related attributes in the BPUB service area. The BPUB electronic mapping system consist of the three utilities electric, water, and wastewater infrastructure and parcel data. The GIS personnel develop and maintain datasets for the benefit of BPUB internal and external customers. This data leverage allows BPUB to provide better customer service.

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
INPUT MEASURES				
Employees (FTEs)	10	10	10	8
O&M Non-Personnel Expenses	\$ 308,718	\$ 351,607	\$ 324,750	\$ 174,190
OUTPUT MEASURES				
Subdivisions	2,205	2,240	2,284	2,512
Addresses	63,405	64,012	64,871	71,358
Street Names	8,974	9,024	9,107	10,018
Parcels	93,199	93,816	94,604	104,064
Water GIS Point Features	171,869	173,820	174,304	191,734
Wastewater GIS Point Features	61,955	63,458	71,027	78,130
Electric GIS Point Features	283,525	282,346	286,615	315,277
GPS Field Inventory	38,678	39,550	43,600	47,960
Water Mains & Raw Water Miles	953	967	977	1,074
Wastewater Gravity Mains & Force Mains Miles	843	853	866	953
Electric Distribution and Transmission Miles	892	923	930	1,023
OUTCOME MEASURES				
Data Request	5,500	3,236	3,560	3,916
Map Production	5,500	2,105	2,317	2,549
Avg. Number of Internal Customers	300	100	110	121
Avg. Number of External Customers	52	15	16	18
EFFICIENCY MEASURES				
Avg. Number of QA/QC Electric Work Orders	1,731	403	445	534
Avg. Number of QA/QC Electric Service Request	601	490	540	594
Avg. Number of Water/Wastewater As-Builds	415	305	350	385



DEPARTMENT 7135 - GEOGRAPHIC INFORMATION SYSTEMS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 79,887	\$ 82,703	\$ 82,476	\$ 86,268	\$ 86,515	\$ 86,278
6105 Administrative Staff	176,334	176,316	177,335	166,430	197,447	178,208
6110 Clerical staff	168,427	218,076	219,831	225,673	234,731	241,030
6130 Overtime	2,610	15,429	10,839	9,931	3,239	12,575
6201 T.M.R.S.	75,909	86,543	87,661	83,954	92,124	88,971
6205 F.I.C.A.	25,303	29,240	28,965	29,659	30,886	31,342
6210 Medicare	5,918	6,830	6,774	6,936	7,223	7,330
6214 Dental Insurance	4,395	5,714	5,692	6,137	5,694	6,137
6215 Hospitalization insurance	75,987	93,658	103,285	113,719	108,720	118,268
6220 Life Insurance	417	435	432	561	444	589
6221 Long Term Disability Insurance	638	911	907	957	937	1,011
6225 Workers Compensation	10,789	12,338	12,269	11,959	13,052	12,638
6230 Vacation leave	(889)	14,970	10,320	5,805	(5,733)	6,455
6235 Sick leave	4,827	5,948	3,034	6,387	3,803	7,103
6240 Educational assistance	2,228	907	-	5,000	-	-
6260 Vacancy Savings	-	-	-	(22,730)	-	(45,497)
<i>O&M PERSONNEL TOTAL</i>	632,780	750,017	749,821	736,647	779,083	752,440
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	1,506	2,767	669	2,000	2,199	30
7120 Office supplies	3,708	1,979	3,946	2,000	5,545	3,000
7130 Postage/shipping charges	68	105	-	100	-	60
7140 Training expenses	1,460	405	1,400	2,000	2,599	2,000
7145 Travel expenses	4,744	4,608	-	500	-	2,000
7225 Safety supplies	150	843	2,375	2,000	2,667	1,600
7299 Other materials & supplies	2,629	1,466	2,130	2,000	2,744	3,000
7310 Federal, state, & local fees	36	-	-	-	-	-
7315 Food, meals, ice, water	803	685	56	1,000	1,390	-
7325 Rental of equip/storage/land	104,539	104,711	105,478	107,050	106,808	2,500
7330 Right of way fees	42,453	32,676	35,043	40,000	39,929	-
7335 Wearing apparel & dry goods	3,103	1,142	589	1,000	713	1,000
7415 Fuels & lubricants	4,205	2,943	3,937	3,000	6,128	3,000
7420 Parts	681	-	-	-	-	-
7635 Software maintenance service fees	132,116	87,277	194,643	130,000	153,301	150,000
7645 Maintenance services	239	-	-	-	-	-
7699 Other services	149,129	64,917	-	-	200	-
7805 Computer equipment	88	402	80	15,000	180	5,000
7806 Software licenses-new	-	-	-	500	-	1,000
7820 Office furniture & equipment	3,205	1,014	395	-	-	-
7899 Other minor tools & equipment	295	778	866	15,000	347	-
<i>O&M NON-PERSONNEL TOTAL</i>	455,157	308,718	351,607	323,150	324,750	174,190
	1,087,937	1,058,735	1,101,428	1,059,797	1,103,833	926,630



Department Responsibility: **Dr. Emilia Guerra**

Title: **Director of Human Resources**

Telephone Ext: **6188**

Dept. No: **7140**

**PERFORMANCE MEASURES
FOR THE
HUMAN RESOURCES DEPARTMENT**

Department Function:

The Human Resources Department is responsible for planning and maintaining a comprehensive human resources program for BPUB. In addition to wage, salary, and benefit administration, this department is responsible for oversight of employee issues, facilitating management-employee relations, personnel records and partnering with management to achieve the organizational strategy.

Department Goals/Objectives:

To develop human capital within Brownsville PUB through leadership and support in the following areas: employee retention; employee development; employee benefits; rewards and recognition; employee satisfaction and morale; performance management; and other employee issues.

INPUT MEASURES

Employees (FTEs)

Total O&M Expenses

OUTPUT MEASURES

Gender Pay Equity (Female median earnings as a % of Males' median earnings)

OUTCOME MEASURES

Recognition of employee for living BPUB's core values

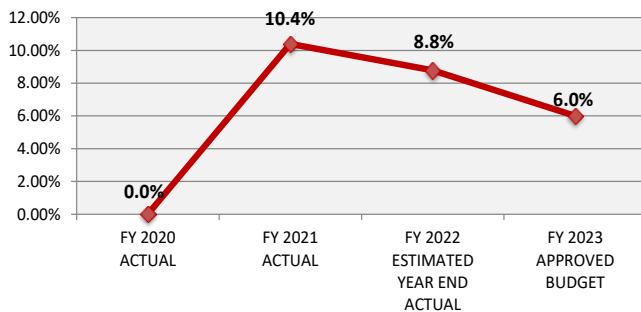
Number of Retirees

EFFICIENCY MEASURES

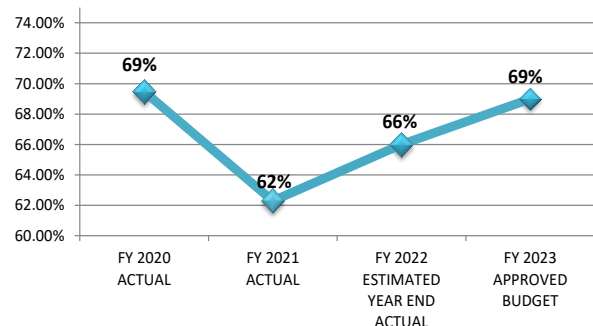
Maintain company-wide turnover at less than 6% excluding retirement.
5-year retention of new hires

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
3	3	3	1
\$ 789,126	\$ 575,812	\$ 547,682	\$ 628,182
92.0%	91.0%	90.0%	90.0%
153	99	31	100
25	23	18	25
N/A	10.4%	8.8%	6.0%
69%	62%	66%	69%

Maintain company-wide turnover at less than 6% excluding retirement.



5-year retention of new hires



DEPARTMENT 7140 - HUMAN RESOURCES

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 137,025	\$ 133,811	\$ 133,444	\$ 139,579	\$ 140,780	\$ 139,589
6110 Clerical staff	42,856	80,786	82,510	83,079	79,952	83,096
6130 Overtime	7,775	11,045	13,331	7,418	4,980	-
6201 T.M.R.S.	51,584	47,647	42,409	39,077	41,476	39,193
6205 F.I.C.A.	17,039	16,212	14,199	13,805	14,322	13,806
6210 Medicare	4,079	3,846	3,385	3,229	3,362	3,229
6214 Dental Insurance	1,548	1,797	1,498	1,653	1,445	1,653
6215 Hospitalization insurance	32,484	31,386	29,489	33,199	29,854	34,527
6220 Life Insurance	217	181	181	248	182	249
6221 Long Term Disability Insurance	291	381	380	445	376	445
6225 Workers Compensation	7,279	6,798	5,976	5,566	5,911	5,567
6230 Vacation leave	(4,673)	6,089	1,582	2,708	(5,748)	2,844
6235 Sick leave	875	3,614	334	2,979	(2,868)	3,129
6240 Educational assistance	(6)	-	-	-	-	-
6242 Auto Benefits	8,365	7,500	7,212	7,500	7,500	7,500
6243 Telephone Benefits	1,874	1,680	1,616	1,680	1,680	1,680
6250 Miscellaneous personnel benefits	68,389	80,432	35,806	67,000	34,479	65,000
6260 Vacancy Savings	-	-	-	(10,603)	-	(20,042)
<i>O&M PERSONNEL TOTAL</i>	<i>377,000</i>	<i>433,204</i>	<i>373,352</i>	<i>398,563</i>	<i>357,684</i>	<i>381,464</i>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	1,623	1,576	1,564	1,374	3,087	914
7120 Office supplies	3,822	4,156	4,772	3,000	3,278	2,000
7130 Postage/shipping charges	89	-	-	-	55	100
7135 Telephone expenses	-	253	-	-	-	-
7140 Training expenses	1,016	125	175	-	-	-
7145 Travel expenses	1,791	901	-	-	-	-
7147 Mileage Reimbursement (InTownExp)	208	57	-	100	-	-
7299 Other materials & supplies	378	5,757	-	500	-	-
7315 Food, meals, ice, water	4,197	975	19	500	258	-
7322 Recognition Program	55,331	31,162	22,660	55,000	5,905	10,000
7325 Rental of equip/storage/land	6,724	6,550	6,293	6,172	1,710	6,172
7601 Legal Fees	206,775	229,177	134,200	120,000	98,484	152,532
7605 Engineering fees	149,028	61,773	29,440	-	-	-
7699 Other services	16,179	13,461	3,052	100,000	77,220	75,000
7820 Office furniture & equipment	65	-	285	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<i>447,225</i>	<i>355,922</i>	<i>202,460</i>	<i>286,646</i>	<i>189,998</i>	<i>246,718</i>
	824,225	789,126	575,812	685,209	547,682	628,182



Department Responsibility: **Joe Paredes**

Title: **Talent Acquisition & Staffing
Manager**

Telephone Ext: **6131**

Dept. No: **7145**

**PERFORMANCE MEASURES
FOR THE
TALENT ACQUISITION AND STAFFING DEPARTMENT**

Department Function:

Attracting a highly qualified workforce and ensuring an effective interview process, increasing company visibility in the employment marketplace and identifying the best and most cost effective recruitment sources strategy.

Department Goals/Objectives:

To provide an invaluable service at every opportunity that greatly contributes to the organization and candidates' business success and enhance the overall outcome.

INPUT MEASURES

Employees (FTEs)
Total O&M Expenses

OUTPUT MEASURES

Interviews of Prospective Employees
Job Announcements
Job Offers

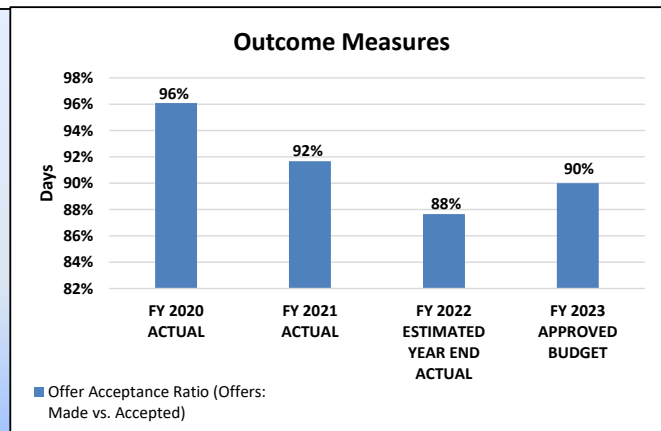
OUTCOME MEASURES

Interviews to Job Offers Ratio
Fill Rate (Jobs Filled vs. Jobs Announcements)
Offer Acceptance Ratio (Offers: Made vs. Accepted)

EFFICIENCY MEASURES

Recruitment Cost per Hire

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
3	3	3	4
\$ 290,254	\$ 351,036	\$ 394,123	\$ 355,102
270	288	390	400
74	78	108	115
128	216	243	250
47%	75%	62%	70%
80%	71%	65%	75%
96%	92%	88%	90%
\$ 2,845.63	\$ 2,279.45	\$ 2,494.45	\$ 2,029.16



DEPARTMENT 7145 – TALENT ACQUISITION AND STAFFING

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ 63,419	\$ 66,590	\$ 70,257	\$ 71,011
6105 Administrative Staff	157,661	171,875	94,562	107,955	125,054	124,467
6110 Clerical staff	26,158	-	-	-	2,713	-
6130 Overtime	453	-	-	-	-	-
6201 T.M.R.S.	33,678	30,029	28,984	30,633	34,731	34,404
6205 F.I.C.A.	10,570	9,416	8,998	10,822	11,644	12,120
6210 Medicare	2,472	2,202	2,104	2,531	2,723	2,834
6214 Dental Insurance	2,152	2,198	1,990	2,103	1,932	2,103
6215 Hospitalization insurance	39,083	37,160	37,207	39,598	32,462	34,074
6220 Life Insurance	187	152	141	198	161	221
6221 Long Term Disability Insurance	286	328	305	349	358	391
6225 Workers Compensation	5,007	4,297	4,110	4,364	4,951	4,887
6230 Vacation leave	(161)	4,578	(588)	2,150	7,743	2,496
6235 Sick leave	557	1,306	1,549	2,365	4,156	2,746
6240 Educational assistance	(2,284)	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(8,417)	-	(17,593)
<i>O&M PERSONNEL TOTAL</i>	<u>275,817</u>	<u>263,541</u>	<u>242,783</u>	<u>261,241</u>	<u>298,884</u>	<u>274,162</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	4,343	1,238	7,974	3,000	1,432	3,000
7105 Books & periodicals	217	-	-	-	-	-
7110 Dues & memberships	585	540	540	740	454	740
7120 Office supplies	1,404	747	1,888	1,500	918	500
7130 Postage/shipping charges	32	-	-	-	-	-
7140 Training expenses	60	1,725	-	-	-	-
7145 Travel expenses	1,579	2,828	-	-	1,283	-
7150 Recruitment Expenses	3,148	1,472	-	2,000	3,090	1,500
7299 Other materials & supplies	-	136	97	-	-	-
7315 Food, meals, ice, water	211	273	-	200	545	-
7325 Rental of equip/storage/land	-	-	295	200	234	200
7635 Software maintenance service fees	22,578	13,759	12,973	15,000	13,380	15,000
7699 Other services	1,589	3,654	84,485	85,000	73,385	60,000
7805 Computer equipment	-	340	-	-	-	-
7820 Office furniture & equipment	-	-	-	-	519	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>35,745</u>	<u>26,713</u>	<u>108,253</u>	<u>107,640</u>	<u>95,239</u>	<u>80,940</u>
	311,562	290,254	351,036	368,881	394,123	355,102



Department Responsibility: **Jose Cuellar**

Title: **Fleet Services Manager**

Telephone Ext: **6362**

Dept. No: **7150**

PERFORMANCE MEASURES FOR THE FLEET MANAGEMENT DEPARTMENT

Department Function:

The Fleet Department is responsible for "keeping the fleet operating". The primary objective is to make repairs with the shortest "Turn Around" time while working effectively so that we may achieve a safe operating fleet at an optimum cost/hour. Personnel is available for "stand-by" support 24 hours/day, 365 days/year. Additionally, the department is responsible for providing BPUB with cost effective fleet equipment that will allow for departments to complete daily work operations safely and efficiently.

Department Goals/Objectives:

To provide superior customer service to internal and external customers by responding immediately to concerns related to vehicles and equipment utilized by Brownsville PUB personnel.

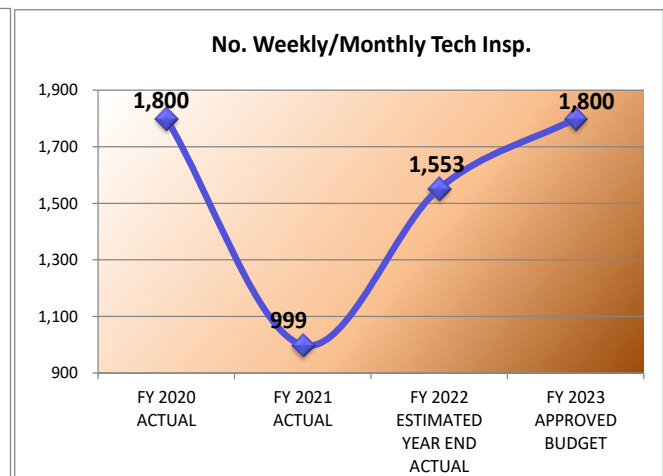
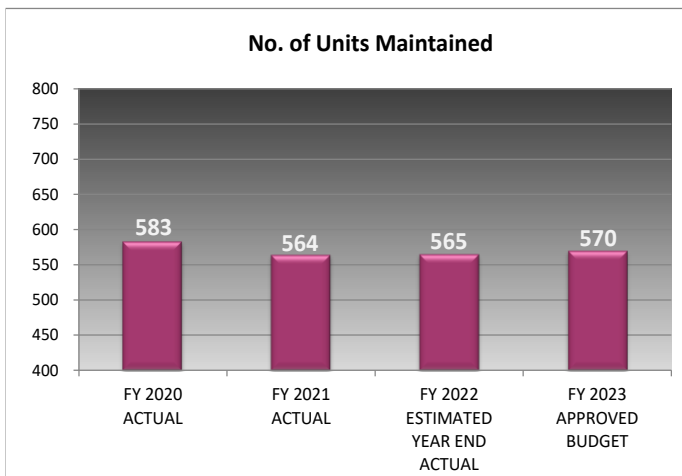
INPUT MEASURES

No. of Employees
No. of Scheduled Preventive Maintenance
No. State/DOT Inspections
No. Safety Inspections/Month
Technicians to Equipment Ratio

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
10	10	10	10
400	345	256	400
350	362	294	350
1,800	1,800	1,553	1,800
1:58	1:56	1:56	1:57
583	564	565	570
1,800	999	1,553	1,800
3,000	2,110	2,100	3,000

OUTPUT MEASURES

No. of Units Maintained
No. Weekly/Monthly Tech Insp.
No. W.O. Generated



DEPARTMENT 7150 – FLEET MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 61,613	\$ 49,975	\$ 56,435	\$ 59,511	\$ 58,967	\$ 58,806
6105 Administrative Staff	27,556	38,163	37,744	40,257	39,895	39,786
6110 Clerical staff	23,602	24,171	24,716	25,035	25,236	24,744
6115 Operational staff	213,159	242,735	247,171	253,743	258,535	250,765
6130 Overtime	9,074	8,790	20,650	17,111	28,689	20,053
6201 T.M.R.S.	76,120	88,794	84,587	66,435	88,969	65,842
6205 F.I.C.A.	21,037	24,577	22,513	23,470	23,823	23,194
6210 Medicare	4,920	5,748	5,265	5,489	5,571	5,424
6214 Dental Insurance	2,895	3,740	4,519	5,074	4,578	5,074
6215 Hospitalization insurance	52,357	66,054	88,382	101,950	94,860	106,028
6220 Life Insurance	321	305	332	447	330	443
6221 Long Term Disability Insurance	479	629	683	757	684	748
6225 Workers Compensation	8,649	10,155	9,584	9,464	10,144	9,353
6230 Vacation leave	5,722	15,853	11,984	4,550	6,538	4,777
6235 Sick leave	(15,102)	(9,414)	5,014	5,006	1,335	5,256
6260 Vacancy Savings	-	-	-	(17,814)	-	(33,669)
<i>O&M PERSONNEL TOTAL</i>	492,401	570,274	619,580	600,483	648,156	586,624
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	150	-	-	-
7110 Dues & memberships	122	87	202	200	-	2,000
7120 Office supplies	4,059	2,502	2,823	2,000	1,992	2,000
7130 Postage/shipping charges	2,403	2,874	7,039	2,300	15,283	2,300
7140 Training expenses	780	360	1,845	4,000	3,464	6,000
7145 Travel expenses	1,357	(27)	-	500	-	2,000
7180 Utilities - departmental	-	-	4,872	12,000	3,695	5,000
7215 Laundry & janitorial supplies	-	342	905	700	872	700
7225 Safety supplies	244	2,072	1,739	1,500	1,338	2,000
7293 Chemicals - other	-	-	2,013	2,500	1,395	2,500
7299 Other materials & supplies	15,052	14,766	8,861	12,500	16,005	12,500
7304 Hurricane Preparedness Expenses	8,796	39,585	22,700	20,000	22,823	35,000
7310 Federal, state, & local fees	5,403	6,550	5,148	6,500	4,664	6,500
7315 Food, meals, ice, water	718	432	268	500	352	-
7325 Rental of equip/storage/land	1,080	-	-	-	-	-
7335 Wearing apparel & dry goods	2,647	1,583	823	1,500	577	1,500
7405 Auto body repairs	-	12,646	13,071	13,000	16,730	15,000
7415 Fuels & lubricants	14,771	18,321	29,212	25,000	39,930	25,000
7420 Parts	496,849	447,961	529,768	375,000	547,046	375,000
7425 Road service	56,275	77,508	78,621	37,500	57,440	40,000
7430 Tires	52,550	45,630	84,130	88,700	120,564	90,000
7635 Software maintenance service fees	12,305	12,200	29,555	28,000	28,348	50,000
7645 Maintenance services	395,979	369,852	354,805	325,000	350,475	325,000
7699 Other services	36,732	17,971	26,070	25,000	54,265	50,000
7805 Computer equipment	-	80	9,623	7,000	3,218	7,000
7820 Office furniture & equipment	-	5,808	40	-	-	-
7835 Tools, shop and garage equipment	3,751	16,374	4,554	5,000	8,167	5,000
7899 Other minor tools & equipment	-	3,447	1,875	4,000	4,747	4,000
<i>O&M NON-PERSONNEL TOTAL</i>	1,111,873	1,098,923	1,220,711	999,900	1,303,387	1,066,000
	1,604,274	1,669,197	1,840,291	1,600,383	1,951,543	1,652,624



Department Responsibility: **Sergio Delgadillo**

Title: **Compensation & Benefits Manager**

Telephone Ext: **6190**

Dept. No. **7155**

PERFORMANCE MEASURES FOR THE COMPENSATION & BENEFITS DEPARTMENT

Department Function:

The Compensation & Benefits Department (C&B) is responsible for defining and implementing BPUB's compensation strategy, policy, and plan, setting compensation structures, and establishing competitive pay practices. The department also administers a strategically-aligned benefits programs

Department Goals/Objectives:

To support BPUB's recruitment and retention goals by ensuring BPUB employees receive competitive and equitable rewards for performing their jobs. To administer BPUB's core compensation plan, adjustments to core compensation, and legally required and discretionary benefits. To manage the employee relationship cycle from onboarding to offboarding.

INPUT MEASURES

Employees (FTEs)

Total O&M Expenses

OUTPUT MEASURES

Average Hourly Rate in Workforce

Number of Onboarded Employees

Number of Separations (FTE)

OUTCOME MEASURES

Wellness Program (Monthly)

Average Employee Tenure in BPUB in years

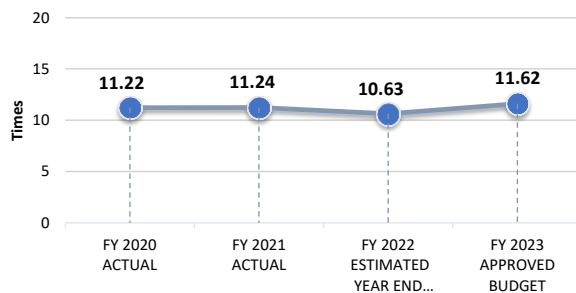
Internal Market Review Conducted As Percent of Workforce

EFFICIENCY MEASURES

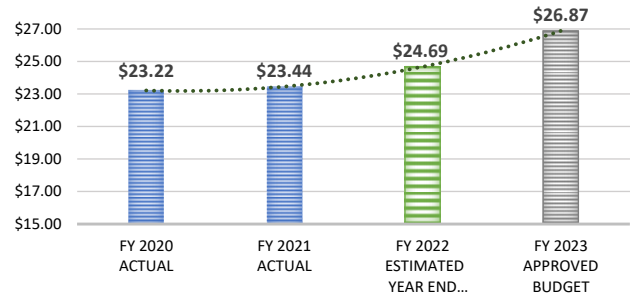
Number of C&B Staff to FTEs

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
4	5	4	6
\$444,411	\$395,520	\$511,841	\$520,951
\$23.22	\$23.44	\$24.69	\$26.87
64	67	96	75
59	81	68	69
6	3	2	10
11.22	11.24	10.63	11.62
0%	0%	11%	100%
1/156	1/124	1/156	1/104

Average Employee Tenure in BPUB in years



Average Hourly Rate in Workforce



DEPARTMENT 7155 – COMPENSATION & BENEFITS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 71,645	\$ 69,826	\$ 69,635	\$ 72,836	\$ 73,979	\$ 88,005
6105 Administrative Staff	123,482	167,032	146,138	178,629	187,383	195,166
6110 Clerical staff	-	-	-	-	4,414	-
6130 Overtime	-	-	-	-	531	5,000
6201 T.M.R.S.	34,223	43,151	42,961	44,132	49,248	49,838
6205 F.I.C.A.	11,365	14,470	14,025	15,591	16,533	17,557
6210 Medicare	2,658	3,384	3,280	3,646	3,867	4,106
6214 Dental Insurance	1,633	2,383	2,405	2,989	2,507	2,865
6215 Hospitalization insurance	31,792	44,773	45,220	55,512	46,530	50,624
6220 Life Insurance	181	209	189	286	207	318
6221 Long Term Disability Insurance	288	455	412	503	462	566
6225 Workers Compensation	4,903	6,180	6,180	6,287	7,046	7,079
6230 Vacation leave	(1,177)	15,994	(1,205)	3,058	13,405	3,616
6235 Sick leave	(8,976)	3,720	(5,539)	3,365	11,429	3,979
6240 Educational assistance	2,877	(2,527)	(350)	-	-	-
6250 Miscellaneous personnel benefits	35,299	10,632	11,198	55,000	10,698	37,300
6260 Vacancy Savings	-	-	-	(11,975)	-	(25,485)
<i>O&M PERSONNEL TOTAL</i>	310,193	379,683	334,550	429,860	428,237	440,533
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	296	423	200	150	-
7110 Dues & memberships	1,684	992	1,459	1,490	980	2,620
7115 Educational material	-	1,485	70	500	-	-
7120 Office supplies	2,546	1,092	1,071	1,000	4,592	2,500
7130 Postage/shipping charges	64	-	21	-	-	-
7140 Training expenses	2,520	140	608	-	175	-
7145 Travel expenses	3,432	1,374	-	-	-	-
7147 Mileage Reimbursement (InTownExp)	-	5	-	50	-	250
7299 Other materials & supplies	683	480	280	50	-	-
7315 Food, meals, ice, water	580	193	-	200	-	-
7325 Rental of equip/storage/land	431	378	77	500	244	528
7635 Software maintenance service fees	13,500	13,500	28,878	14,700	28,878	20,000
7699 Other services	42,143	44,524	28,084	38,000	46,650	49,000
7805 Computer equipment	-	-	-	-	-	3,600
7806 Software licenses-new	1,699	-	-	-	1,934	1,920
7820 Office furniture & equipment	585	270	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	69,866	64,728	60,970	56,690	83,604	80,418
	380,059	444,411	395,520	486,550	511,841	520,951



Department Responsibility: **Jeffrey Stedje**

Title: **Facilities Manager**

Telephone Ext: **6170**

Dept. No: **7160**

**PERFORMANCE MEASURES
FOR THE
FACILITY MAINTENANCE DEPARTMENT**

Department Function:

This department is responsible for the facility maintenance, which includes electrical, HVAC, janitorial and plumbing work. The department is responsible for groundskeeping Brownsville PUB sites throughout the city.

Department Goals/Objectives:

To provide superior professional service to internal and external customers by responding in a timely manner to maintenance concerns.

INPUT MEASURES

FTE
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

No. of custodial work requests
Admin. Bldg. daily water consumption/gals
A/C repair cost in dollars
Preventative service agreement cost in dollars

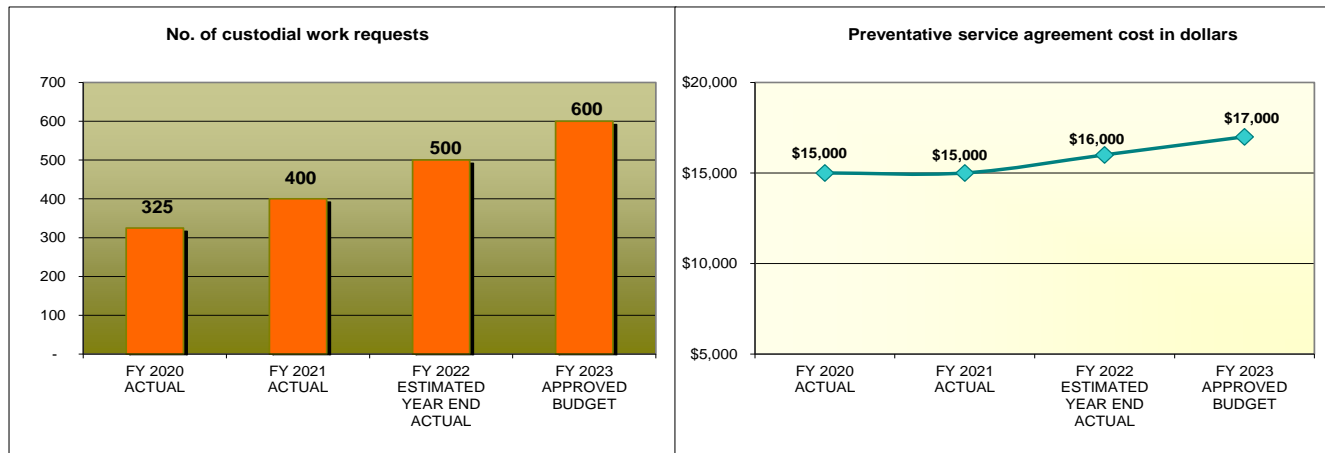
OUTCOME MEASURES

Maintain/ improve customer service
Improve water conservation
Limit repair cost

EFFICIENCY MEASURES

Square Feet of Facility Maintenance
Per unit cost of A/C prevent maintenance per sq.ft.

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
4	4	4	5
\$ 429,725	\$ 385,294	\$ 312,264	\$ 346,514
\$ 1,114,531	\$ 1,324,936	\$ 1,789,032	\$ 1,803,000
\$ 1,544,256	\$ 1,710,230	\$ 2,101,296	\$ 2,149,514
325	400	500	600
500	500	1,700	1,700
\$ 16,000	\$ 16,000	\$ 18,000	\$ 23,000
\$ 15,000	\$ 15,000	\$ 16,000	\$ 17,000
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
33,000	33,000	33,000	33,000
\$ 0.939	\$ 0.939	\$ 1.030	\$ 1.210



DEPARTMENT 7160 – FACILITY MAINTENANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 65,056	\$ 120,888	\$ 116,235	\$ 98,804	\$ 115,806	\$ 149,989
6115 Operational staff	75,538	145,742	128,594	82,686	80,451	82,680
6130 Overtime	2,176	1,321	4,426	3,719	3,406	4,462
6201 T.M.R.S.	25,291	47,399	44,226	31,852	35,114	40,950
6205 F.I.C.A.	8,297	16,009	14,308	11,252	11,635	14,425
6210 Medicare	1,940	3,744	3,346	2,632	2,721	3,374
6214 Dental Insurance	2,042	4,078	3,845	2,663	2,655	2,946
6215 Hospitalization insurance	34,969	66,885	72,269	48,677	50,857	55,831
6220 Life Insurance	145	255	234	216	173	276
6221 Long Term Disability Insurance	208	493	459	363	354	465
6225 Workers Compensation	3,570	6,785	6,240	4,537	5,006	5,817
6230 Vacation leave	3,928	9,442	(2,400)	2,207	956	2,971
6235 Sick leave	4,047	6,684	(6,489)	2,429	3,130	3,269
6260 Vacancy Savings	-	-	-	(8,642)	-	(20,940)
<i>O&M PERSONNEL TOTAL</i>	<i>227,209</i>	<i>429,725</i>	<i>385,294</i>	<i>283,395</i>	<i>312,264</i>	<i>346,514</i>
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	607	61	-	200	-	200
7130 Postage/shipping charges	-	27	-	100	-	-
7135 Telephone expenses	158,628	172,955	149,691	150,000	129,341	125,000
7140 Training expenses	217	-	-	400	139	500
7145 Travel expenses	2,333	-	-	4,500	-	2,000
7147 Mileage Reimbursement (InTownExp)	652	1,748	112	500	-	200
7155 Initial Certificatn/Licensing Reimb	298	-	-	600	198	600
7180 Utilities - departmental	125,558	168,100	92,384	170,000	365,928	345,000
7210 Landscaping/Trade a Tree Program	-	-	-	3,500	-	3,500
7215 Laundry & janitorial supplies	-	-	-	-	17	-
7225 Safety supplies	-	-	2,047	4,000	-	2,000
7299 Other materials & supplies	28,966	56,774	55,271	65,000	30,714	55,000
7310 Federal, state, & local fees	-	-	-	100	-	-
7315 Food, meals, ice, water	50	108	-	200	60	-
7335 Wearing apparel & dry goods	977	939	1,761	1,000	1,452	2,000
7415 Fuels & lubricants	6	171	324	400	644	1,000
7501 Maint. of buildings & structures	11,597	-	13,500	15,000	-	10,000
7599 Maintenance / other	-	-	8,475	10,000	-	10,000
7645 Maintenance services	69,468	72,986	84,081	75,000	117,958	140,000
7650 Security services	3,022	2,461	5,170	3,000	1,488	3,000
7660 Ground Keeping Maintenance	366,444	396,784	499,972	420,000	618,372	550,000
7699 Other services	260,493	231,918	409,118	300,000	521,530	550,000
7820 Office furniture & equipment	2,976	259	-	-	-	-
7835 Tools, shop and garage equipment	-	-	-	-	20	500
7899 Other minor tools & equipment	186	9,239	3,031	2,500	1,172	2,500
<i>O&M NON-PERSONNEL TOTAL</i>	<i>1,032,477</i>	<i>1,114,531</i>	<i>1,324,936</i>	<i>1,226,000</i>	<i>1,789,032</i>	<i>1,803,000</i>
	1,259,686	1,544,256	1,710,230	1,509,395	2,101,296	2,149,514



Department Responsibility:	<u>Eduardo Martinez</u>
Title:	<u>Health and Safety Manager</u>
Telephone Ext:	<u>6263</u>
Dept. No:	<u>7165</u>

**PERFORMANCE MEASURES
FOR THE
SECURITY OPERATIONS DEPARTMENT**

Department Function:

The purpose of the Security Operations Department is to provide security guard services for multiple BPUB facilities. Facilities include water treatment plants, water towers, wastewater treatment plants, a power plant, electric substations, wastewater lift stations, office buildings, and other utility facilities.

Department Goals/Objectives:

The Security Operations Department objective is to maintain a professional security presence and response for the protection and well-being of employees, customers, visitors, assets of the facilities, and to any facilities that may be added to by BPUB.

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
INPUT MEASURES				
Employees (FTE)	2	2	2	1
Total O&M Expenses	\$1,004,213	\$1,259,171	\$1,707,471	\$1,825,395
OUTPUT MEASURES				
Roving Patrols	1,465	1,825	1,825	1,825
Static Guards	2,288	2,555	2,555	2,555
Supervisor Patrol	365	365	365	365
OUTCOME MEASURES				
Daily Activity Reports Submitted	365	365	365	365
Deggy Reports	365	365	365	365
EFFICIENCY MEASURES				
Facilities Secured	100%	100%	100%	100%

Note: New department created in 2020; FY 19 Input Measures funded from Dept. 1440.

DEPARTMENT 7165 – SECURITY OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ 68,432	\$ -	\$ -
6105 Administrative Staff	-	-	-	67,027	67,202	67,018
6201 T.M.R.S.	-	-	-	23,773	11,910	11,795
6205 F.I.C.A.	-	-	-	8,398	3,857	4,155
6210 Medicare	-	-	-	1,964	902	972
6214 Dental Insurance	-	-	-	1,293	460	810
6215 Hospitalization insurance	-	-	-	24,120	14,399	16,097
6220 Life Insurance	-	-	-	150	56	76
6221 Long Term Disability Insurance	-	-	-	271	123	134
6225 Workers Compensation	-	-	-	3,386	1,697	1,675
6230 Vacation leave	-	-	-	1,689	13,404	856
6235 Sick leave	-	-	-	1,858	5,155	942
6260 Vacancy Savings	-	-	-	(6,613)	-	(6,032)
<i>O&M PERSONNEL TOTAL</i>	-	-	-	195,750	119,165	98,497
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	-	-	-	200	40	100
7125 Photo equipment/supplies	-	-	-	-	-	50
7130 Postage/shipping charges	-	-	-	300	-	-
7140 Training expenses	-	-	-	-	1,807	2,400
7145 Travel expenses	-	-	-	-	830	2,000
7225 Safety supplies	-	-	-	500	-	-
7299 Other materials & supplies	-	-	5,536	5,000	5,913	5,000
7635 Software maintenance service fees	-	-	-	-	-	12,000
7645 Maintenance services	-	-	-	-	44,680	89,000
7650 Security services	-	1,004,213	1,249,655	1,582,903	1,533,533	1,514,348
7699 Other services	-	-	-	-	1,329	100,000
7805 Computer equipment	-	-	3,980	8,000	-	-
7806 Software licenses-new	-	-	-	10,000	-	-
7899 Other minor tools & equipment	-	-	-	-	174	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	1,004,213	1,259,171	1,606,903	1,588,306	1,726,898
	-	1,004,213	1,259,171	1,802,653	1,707,471	1,825,395



Department Responsibility: **Julio Perez**

Title: **Warehouse Administrator**

Telephone Ext: **6181**

Dept. No: **7170**

**PERFORMANCE MEASURES
FOR THE
WAREHOUSE DEPARTMENT**

Department Function:

The Warehouse Department is responsible for providing adequate supply, storage, and issues of warehouse materials and supplies for proper operation of the construction and maintenance crews of Brownsville PUB. The Warehouse Department provides materials and supplies for field crews during working hours and also provides after-hours emergency issues.

Department Goals/Objectives:

To provide superior customer service to internal and external customers by responding immediately to problems.

INPUT MEASURES

Full-Time Employees
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

Fiscal Year End Inventory Value
Stores Requisitions

OUTCOME MEASURES

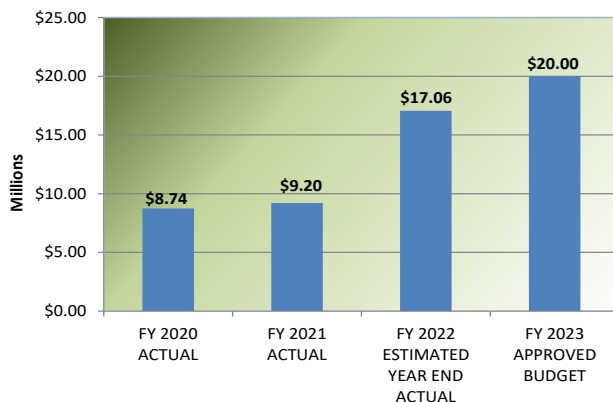
Inventory Accuracy
Stores Issues/Returns
No. of Year-End Commodity Adjustments

EFFICIENCY MEASURES

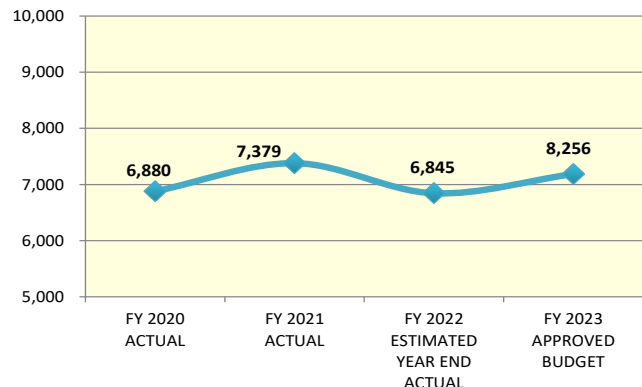
Stores Issues per Employee
Value of Year End Inventory Adjustments
Average Cost of Monthly Inventory

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
5	5	5	5
\$ 283,931	\$ 299,191	\$ 313,359	\$ 295,928
\$ 68,114	\$ 82,866	\$ 146,459	\$ 127,005
\$ 352,045	\$ 382,057	\$ 459,818	\$ 422,933
\$ 8,742,351	\$ 9,200,000	\$ 17,059,643	\$ 20,000,000
6,880	7,379	6,845	7,187
98%	98%	98%	98%
6,944	7,443	6,945	7,290
274	146	150	150
1,736	1,861	1,736	1,823
\$ 63,249	\$ 7,475	\$ 50,000	\$ 50,000
\$ 728,529	\$ 746,131	\$ 1,421,637	\$ 1,666,667

Fiscal Year End Inventory Value



Stores Requisitions



DEPARTMENT 7170 – WAREHOUSE

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 48,734	\$ 50,459	\$ 50,321	\$ 52,634	\$ 54,765	\$ 52,645
6110 Clerical staff	20,400	-	-	-	-	-
6115 Operational staff	115,472	132,325	125,613	121,976	130,531	125,486
6130 Overtime	4,411	1,395	8,345	7,234	11,253	9,050
6201 T.M.R.S.	33,273	32,175	32,706	30,644	34,502	31,351
6205 F.I.C.A.	10,544	10,217	10,172	10,826	11,106	11,044
6210 Medicare	2,466	2,389	2,379	2,532	2,597	2,583
6214 Dental Insurance	2,872	3,073	3,060	3,396	2,976	3,272
6215 Hospitalization insurance	52,960	56,815	62,678	70,990	61,023	66,721
6220 Life Insurance	189	168	166	217	167	221
6221 Long Term Disability Insurance	267	320	317	349	325	356
6225 Workers Compensation	4,719	4,604	4,607	4,365	4,933	4,453
6230 Vacation leave	1,973	4,285	(1,466)	2,124	447	2,275
6235 Sick leave	(7,879)	(14,293)	293	2,336	(1,266)	2,503
6240 Educational assistance	699	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(8,315)	-	(16,032)
<i>O&M PERSONNEL TOTAL</i>	<u>291,101</u>	<u>283,931</u>	<u>299,191</u>	<u>301,310</u>	<u>313,359</u>	<u>295,928</u>
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	75	1,527	242	-	63	-
7130 Postage/shipping charges	-	752	237	450	243	450
7140 Training expenses	-	-	-	-	324	-
7180 Utilities - departmental	-	-	47,718	-	106,276	96,500
7215 Laundry & janitorial supplies	16	44	54	100	13	100
7225 Safety supplies	209	1,168	1,089	650	721	750
7299 Other materials & supplies	3,774	8,042	11,687	11,000	5,145	6,000
7315 Food, meals, ice, water	45	1,223	239	500	495	350
7325 Rental of equip/storage/land	-	9,915	-	-	274	-
7335 Wearing apparel & dry goods	2,222	1,660	1,154	1,086	6,055	2,510
7415 Fuels & lubricants	1,998	1,936	2,538	2,500	4,402	4,595
7501 Maint. of buildings & structures	-	7,821	-	-	-	-
7520 Maint. of minor equipment	-	-	614	750	-	750
7645 Maintenance services	1,858	2,225	398	2,000	350	2,000
7699 Other services	23,141	29,202	11,975	12,000	10,078	11,000
7805 Computer equipment	735	-	4,814	800	-	-
7806 Software licenses-new	-	-	-	-	-	-
7820 Office furniture & equipment	400	-	107	-	16	-
7899 Other minor tools & equipment	29	2,598	-	12,000	12,003	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>34,503</u>	<u>68,114</u>	<u>82,866</u>	<u>43,836</u>	<u>146,459</u>	<u>127,005</u>
	325,604	352,045	382,057	345,146	459,818	422,933



Department Responsibility: Jeffrey Stedje

Title: Facilities Manager

Telephone Ext: 6604

Dept. No: 7175

**PERFORMANCE MEASURES
FOR THE
FACILITY MAINTENANCE-FM511 SERVICE YARD DEPARTMENT**

Department Function:

This department is responsible for the facility maintenance, which includes electrical, HVAC, janitorial and plumbing work. The department is also responsible for groundskeeping at the 511 service yard.

Department Goals/Objectives:

To provide superior professional service to internal and external customers by responding in a timely manner to maintenance concerns.

INPUT MEASURES

FTE
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

No. of custodial work requests
Admin. Bldg. daily water consumption/gals
A/C repair cost in dollars
Preventative service agreement cost in dollars

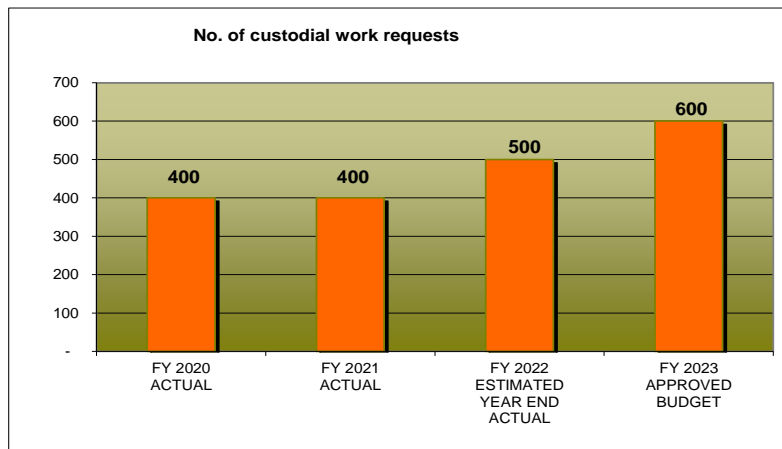
OUTCOME MEASURES

Maintain/ improve customer service
Improve water conservation
Limit repair cost

EFFICIENCY MEASURES

Square Feet of Facility Maintenance
Per unit cost of A/C prevent Maintenance per sq ft.

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
4	4	4	4
\$ -	\$ 80,793	\$ 230,671	\$ 230,490
\$ 27,282	\$ 104,909	\$ 81,643	\$ 69,900
\$ 27,282	\$ 185,702	\$ 312,314	\$ 300,390
400	400	500	600
1,200	1,200	10,000	10,000
N/A	N/A	N/A	5,000
\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ 8,500.00
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
60,000	60,000	60,000	60,000
0.09	0.09	0.09	0.22



DEPARTMENT 7175 – FACILITY MAINTENANCE-FM 511 SERVICE YARD

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ 13,379	\$ 49,358	\$ 49,494	\$ 49,358
6115 Operational staff	-	-	23,556	82,097	87,841	82,098
6130 Overtime	-	-	839	4,658	6,262	10,565
6201 T.M.R.S.	-	-	6,739	23,070	25,191	23,136
6205 F.I.C.A.	-	-	2,162	8,150	8,276	8,150
6210 Medicare	-	-	506	1,906	1,935	1,906
6214 Dental Insurance	-	-	590	2,587	2,042	2,587
6215 Hospitalization insurance	-	-	12,582	55,076	44,922	57,279
6220 Life Insurance	-	-	37	166	129	166
6221 Long Term Disability Insurance	-	-	69	263	247	263
6225 Workers Compensation	-	-	944	3,286	3,590	3,286
6230 Vacation leave	-	-	11,047	1,599	528	1,679
6235 Sick leave	-	-	8,343	1,759	213	1,847
6260 Vacancy Savings	-	-		(6,260)	-	(11,831)
<i>O&M PERSONNEL TOTAL</i>	-	-	80,793	227,716	230,671	230,490
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	-	319	134	400	133	400
7130 Postage/shipping charges	-	-	-	100	-	100
7135 Telephone expenses	-	2,797	3,448	4,000	3,725	4,000
7140 Training expenses	-	-	-	400	-	250
7147 Mileage Reimbursement (InTownExp)	-	201	71	600	-	500
7155 Initial Certificatn/Licensing Reimb	-	-	-	1,200	-	1,200
7180 Utilities - departmental	-	-	45,275	70,000	-	-
7210 Landscaping/Trade a Tree Program	-	-	-	5,000	-	-
7299 Other materials & supplies	-	19,027	18,259	20,000	19,416	20,000
7310 Federal, state, & local fees	-	-	-	100	-	100
7315 Food, meals, ice, water	-	-	-	70	60	-
7335 Wearing apparel & dry goods	-	-	-	1,260	-	500
7415 Fuels & lubricants	-	-	-	600	-	600
7501 Maint. of buildings & structures	-	50	-	5,000	-	3,000
7645 Maintenance services	-	100	7,867	7,000	25,980	17,000
7650 Security services	-	649	549	1,000	748	1,500
7660 Ground Keeping Maintenance	-	-	-	75,000	-	-
7699 Other services	-	2,872	28,594	25,000	31,226	20,000
7820 Office furniture & equipment	-	786	-	-	-	-
7899 Other minor tools & equipment	-	481	713	500	356	750
<i>O&M NON-PERSONNEL TOTAL</i>	-	27,282	104,909	217,230	81,643	69,900
	-	27,282	185,702	444,946	312,314	300,390



Department Responsibility: **Jeffrey Stedje**

Title: **Facilities Manager**

Telephone Ext: **6674**

Dept. No: **7180**

**PERFORMANCE MEASURES
FOR THE
FACILITY MAINTENANCE-ANNEX DEPARTMENT**

Department Function:

This department is responsible for the facility maintenance, which includes electrical, HVAC, janitorial and plumbing work. The department is responsible for groundskeeping at the Annex Building.

Department Goals/Objectives:

To provide superior professional service to internal and external customers by responding in a timely manner to maintenance concerns.

INPUT MEASURES

FTE
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

No. of custodial work requests
Annex Bldg. daily water consumption/gals
A/C repair cost in dollars
Preventative service agreement cost in dollars
Sub-Contractor cleaning company

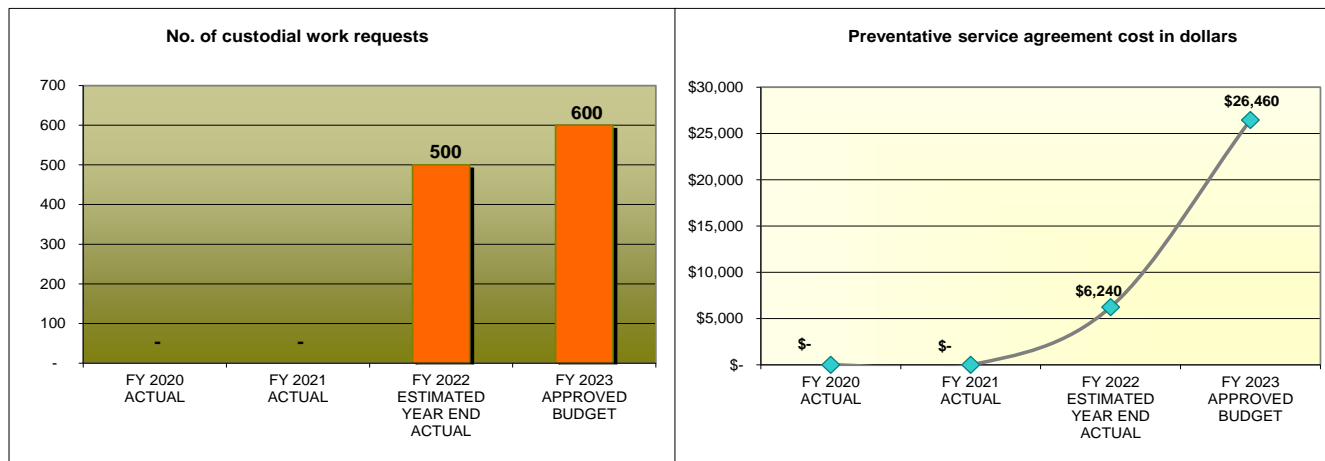
OUTCOME MEASURES

Maintain/ improve customer service
Improve water conservation
Limit repair cost

EFFICIENCY MEASURES

Square Feet of Facility Maintenance
Per unit cost of A/C prevent maintenance per sq.ft.

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 APPROVED BUDGET
N/A	N/A	1	1
\$	\$ 35,929	\$ 80,970	\$ 78,114
\$	\$ 35,303	\$ 102,387	\$ 139,800
\$	\$ 71,232	\$ 183,357	\$ 217,914
N/A	N/A	500	600
N/A	N/A	3,200	3,200
N/A	N/A	N/A	N/A
N/A	N/A	\$ 6,240	\$ 26,460
N/A	N/A	\$ 25,000	\$ 25,000.00
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
\$ 78,130	78130	78,130	78,130
-	-	\$ 0.08	\$ 0.34



DEPARTMENT 7180 – FACILITY MAINTENANCE-ANNEX

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ 15,469	\$ 50,276	\$ 50,412	\$ 50,274
6201 T.M.R.S.	-	-	2,760	8,823	8,843	8,848
6205 F.I.C.A.	-	-	870	3,117	2,842	3,117
6210 Medicare	-	-	203	729	665	729
6214 Dental Insurance	-	-	235	810	730	810
6215 Hospitalization insurance	-	-	4,495	15,478	14,398	16,097
6220 Life Insurance	-	-	15	59	44	59
6221 Long Term Disability Insurance	-	-	31	101	92	101
6225 Workers Compensation	-	-	387	1,257	1,260	1,257
6230 Vacation leave	-	-	7,781	611	1,501	642
6235 Sick leave	-	-	3,683	673	184	706
6260 Vacancy Savings	-	-		(2,394)	-	(4,525)
<i>O&M PERSONNEL TOTAL</i>	-	-	35,929	79,539	80,970	78,114
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	-	-	-	400	-	400
7130 Postage/shipping charges	-	-	-	100	-	100
7135 Telephone expenses	-	-	-	10,000	2,014	2,000
7140 Training expenses	-	-	-	400	-	200
7147 Mileage Reimbursement (InTownExp)	-	-	118	800	276	600
7155 Initial Certificatn/Licensing Reimb	-	-	-	600	-	600
7180 Utilities - departmental	-	-	-	250,000	-	-
7210 Landscaping/Trade a Tree Program	-	-	-	1,000	-	-
7225 Safety supplies	-	-	-	500	-	500
7299 Other materials & supplies	-	-	2,367	50,000	20,120	20,000
7310 Federal, state, & local fees	-	-	-	100	-	100
7315 Food, meals, ice, water	-	-	-	-	15	-
7335 Wearing apparel & dry goods	-	-	-	260	-	300
7501 Maint. of buildings & structures	-	-	-	10,000	-	2,000
7599 Maintenance / other	-	-	-	100	-	1,000
7645 Maintenance services	-	-	-	50,000	9,840	20,000
7650 Security services	-	-	50	4,000	850	4,000
7655 Hauling Services	-	-	-	-	-	1,000
7660 Ground Keeping Maintenance	-	-	-	50,000	-	-
7699 Other services	-	-	26,082	242,000	65,069	80,000
7899 Other minor tools & equipment	-	-	6,686	10,000	4,203	7,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	35,303	680,260	102,387	139,800
	-	-	71,232	759,799	183,357	217,914



Department Responsibility: **Miguel A. Perez**

Title: **Chief Financial Officer**

Telephone Ext: **6187**

Dept. No: **9110**

DEPARTMENT 9110 - COMPANY - WIDE EXPENSES

Department Function:

This department meets the expenses of the Brownsville PUB for items shared company-wide. This department includes the expenses for part-time employees, obligations for SRWA, and the budget pool for company-wide contingency, maintenance services, and equipment contingency.

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M PERSONNEL</i>						
6120 Part-time staff	254,653	365,789	295,976.16	250,000	298,775	256,250
6130 Overtime	4,049	7,976	14,712.24	11,650	14,982	11,650
6201 T.M.R.S.	2,118,443	68,205	(2,486,882.58)	-	(5,521,103)	-
6205 F.I.C.A.	16,027	22,676	19,912.29	15,500	20,249	15,887
6206 Suta	4,995	-	2,641.21	-	2,539	-
6210 Medicare	3,748	5,303	4,675.67	3,625	4,737	3,716
6214 Dental Insurance	11	7	186.88	-	159	-
6215 Hospitalization insurance	336,476	445,086	(52,245.07)	673,693	629,764	816,230
6216 Other Post-Employment Benefits (ins)	2,630,485	1,894,664	1,396,993.00	1,000,000	1,202,869	-
6220 Life Insurance	5	1	28.23	-	25	-
6221 Long Term Disability Insurance	1	1	54.67	-	50	-
6225 Workers Compensation	6,811	10,329	8,994.34	6,250	9,429	6,406
6240 Educational assistance	-	-	-	5,000	-	5,000
6250 Miscellaneous personnel benefits	-	-	-	150,000	-	2,694,572
6280 Gift Cards	-	-	14,518.75	-	-	-
<i>O&M PERSONNEL TOTAL</i>	<i>5,375,703</i>	<i>2,820,035</i>	<i>(780,434)</i>	<i>2,115,718</i>	<i>(3,337,524)</i>	<i>3,809,712</i>

DEPARTMENT 9110 – COMPANY-WIDE EXPENSES

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M NON-PERSONNEL</i>						
7130 Postage/shipping charges	-	-	-	-	16	-
7301 Bad debt expense	68,367	365,387	26,291	92,500	95,480	120,000
7306 SRWA O&M Assessment	3,818,338	3,785,726	3,960,083	4,000,741	4,000,741	5,285,010
7307 SRWA Dbt Svc Assessment	2,134,891	2,113,521	1,434,210	2,115,131	2,115,131	2,116,457
7315 Food, meals, ice, water	-	7,832	12,711	-	-	-
7325 Rental of equip/storage/land	491	-	-	-	-	-
7335 Wearing apparel & dry goods	17,756	21,027	2,978	5,000	9,771	5,000
7415 Fuels & lubricants	72,495	-	-	-	(0.01)	-
7697 O&M Contingency-Maintenance Pool	-	-	-	400,000	-	400,000
7698 O&M Contingency-Budget Pool	-	-	-	400,000	-	400,000
7699 Other services	632	1,212	194,817	5,000	-	3,000
7805 Computer equipment	-	-	-	20,000	-	50,000
7899 Other minor tools & equipment	-	-	8,231	-	8,231	10,000
<i>O&M NON-PERSONNEL TOTAL</i>	6,112,970	6,294,705	5,639,320	7,038,372	6,229,370	8,389,467
	11,488,673	9,114,740	4,858,886	9,154,090	2,891,846	12,199,179



Department Responsibility: Miguel A. Perez

Title: Chief Financial Officer

Telephone Ext: 6187

Dept. No: 9150

DEPARTMENT 9150 - PRIOR FY ENCUMBERED BUDGET

Department Functions:

This department meets the prior-year expenses of the Brownsville PUB for non-routine services shared company-wide.

ACCOUNT DESCRIPTION	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	APPROVED BUDGET FY 2022	UNAUDITED ACTUAL FY 2022	APPROVED BUDGET FY 2023
<i>O&M NON-PERSONNEL</i>						
7135 Telephone expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7605 Engineering fees	-	-	-	-	-	-
7630 Construction contractor services	-	-	-	-	-	-
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	-	-	-	-
	-	-	-	-	-	-

CAPITAL BUDGET

FIVE-YEAR CAPITAL IMPROVEMENT PLAN SUMMARY BY FUNDING SOURCE

Line Ref.		[A] TOTAL CARRYOVER	[B] FY 2023	[C] FY 2024	[D] FY 2025	[E] FY 2026	[F] FY 2027	[G] FIVE-YEAR TOTAL
1	Improvement Fund:	16,228,074	8,908,415	25,972,230	24,043,487	4,610,044	4,506,200	84,268,450
2	¹ Improvement Fund - Reallocated Carryover Surplus:	-	7,282,135					
3	² Improvement Fund Surplus - AMI:	6,535,271	3,996,834	10,447,311	10,379,913	-	-	31,359,329
4	³ Improvement Fund Surplus - Capital Equipment:	558,319	1,805,536	1,500,000	1,500,000	1,500,000	1,500,000	8,363,855
5	Improvement Fund Resaca Surplus - Capital Equipment:	2,552,594	359,791	-	-	-	-	2,912,385
6	Improvement Fund-Facilities:	229,387	-	-	-	-	-	229,387
7	TOTAL IMPROVEMENT FUND SPENDING PLAN:	26,103,645	22,352,711	37,919,541	35,923,400	6,110,044	6,006,200	134,415,541
8	TOTAL IMPACT FEES SPENDING PLAN:	1,992,126	2,569,007	4,078,164	1,715,839	-	-	10,355,136
9	Commercial Paper Funding Budget-Internal:	9,158,280	23,244,914	31,104,839	10,276,831	6,320,141	1,100,000	81,205,005
10	Commercial Paper Funding Budget-Facilities:	-	4,787,412	2,581,956	-	-	-	7,369,368
11	⁴ TOTAL COMMERCIAL PAPER SPENDING PLAN:	9,158,280	28,032,326	33,686,795	10,276,831	6,320,141	1,100,000	88,574,373
12	^{5,6,7} TOTAL GRANTS SPENDING PLAN:	-	1,925,900	14,543,484	-	-	-	16,469,384
13	TOTAL PLANNED PROJECTS:	\$ 37,254,051	\$ 54,879,944	\$ 90,227,984	\$ 47,916,070	\$ 12,430,185	\$ 7,106,200	\$ 249,814,434
14	Approved Budget Total for Fiscal Year 2023:		\$ 92,133,995	Approved Budget Total for Fiscal Year 2022:				\$ 98,169,572
				% Change (2022 vs 2023):				-6.15%

¹ Note: Carryover balances totaling \$7,282,135 in the Improvement Fund were reallocated to other projects in FY 2023.

² Note: The Board approved the use of surplus funding for the AMI Project at the July 2021 meeting.

³ Note: De-obligated FY22 project balances of \$1,868,894 Improvement Fund and \$4,032,225 Commercial Paper. The Improvement Fund will be used for FY23 Capital Equip.

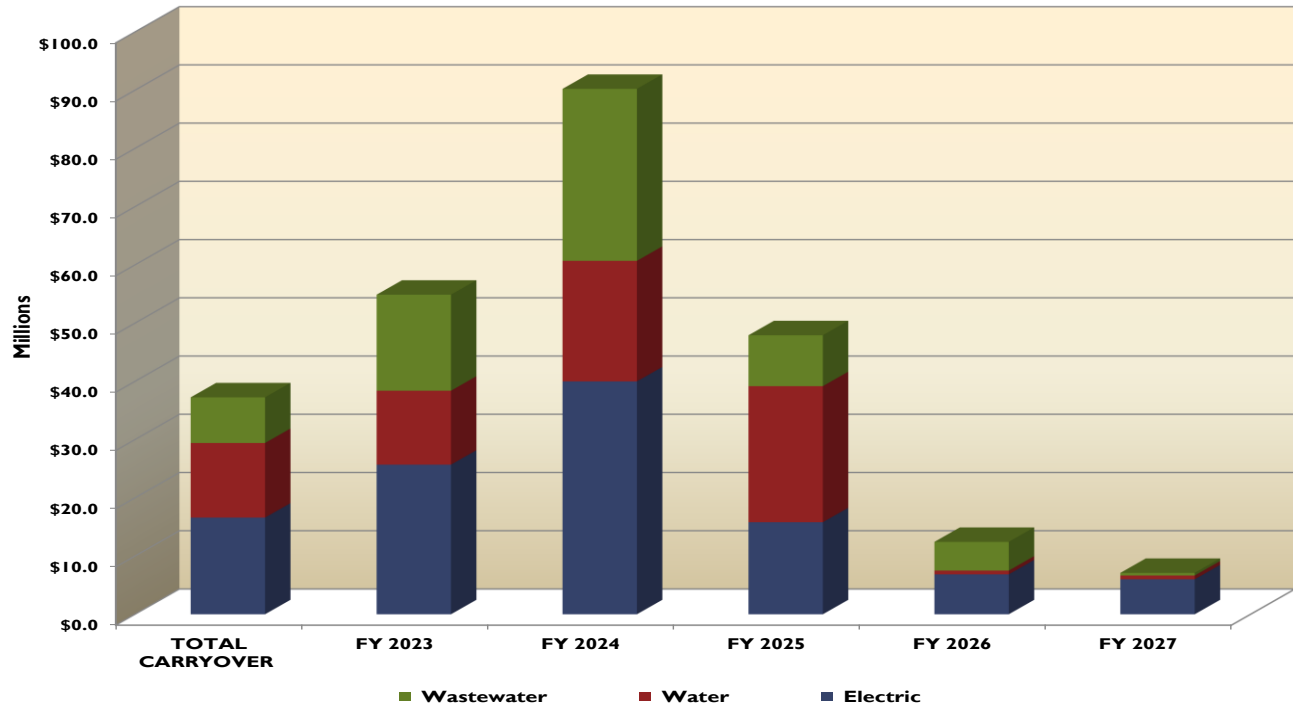
⁴ Note: Total includes the carryover budget funded from the Commercial Paper Fund and future debt requirements for Fiscal Year 2023 and beyond.

⁵ Note: Amounts indicate the estimated project costs eligible for grants administered by the relevant state and/or federal agencies.

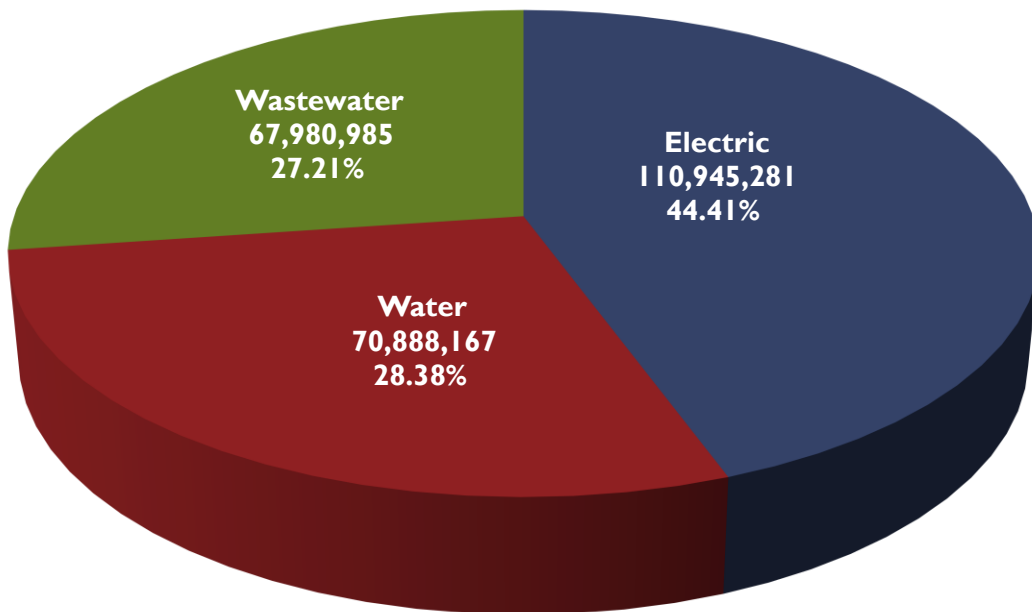
⁶ Note: The RESTORE grant is an O&M grant and is not included in the Capital Improvement Plan.

⁷ Note: Capital Improvement Plan includes Downtown Water/Wastewater projects to be funded from the American Rescue Plan (ARP) grant.

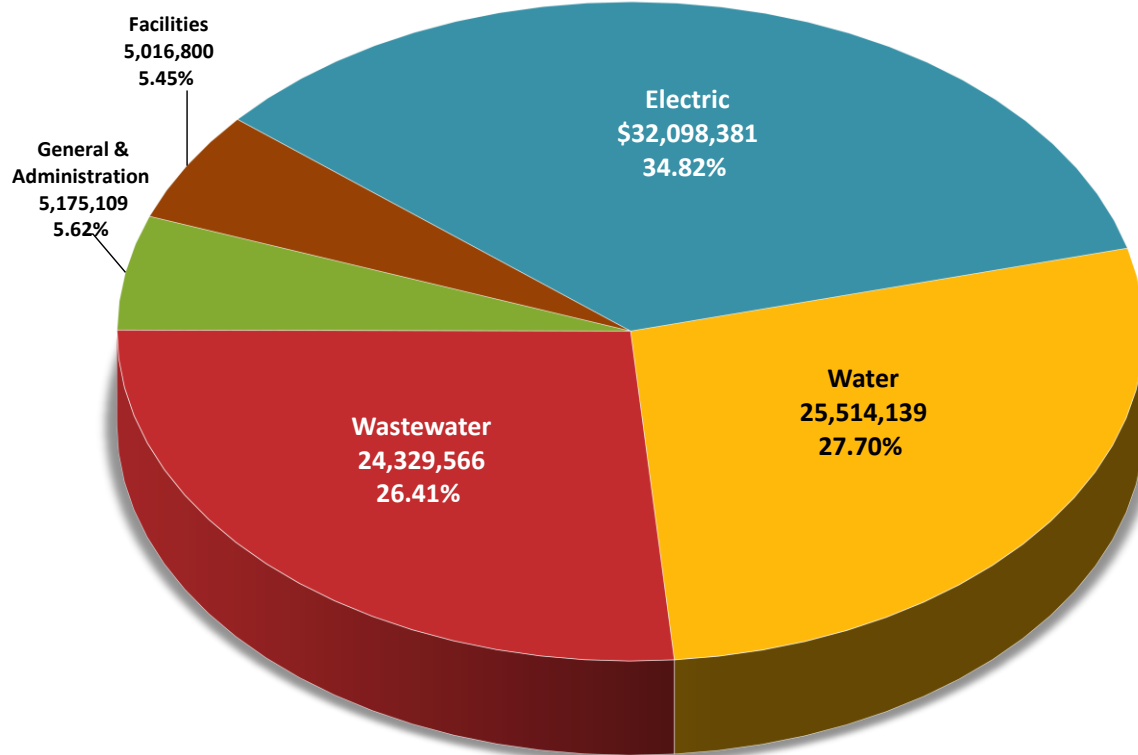
**FIVE-YEAR CAPITAL IMPROVEMENT PLAN
SUMMARY BY UTILITY CHART
\$249,814,433**



**TOTAL 5-YEAR CAPITAL IMPROVEMENT PLAN
SUMMARY BY UTILITY
\$249,814,433**



FY 2023 CAPITAL BUDGET SUMMARY
\$92,133,955

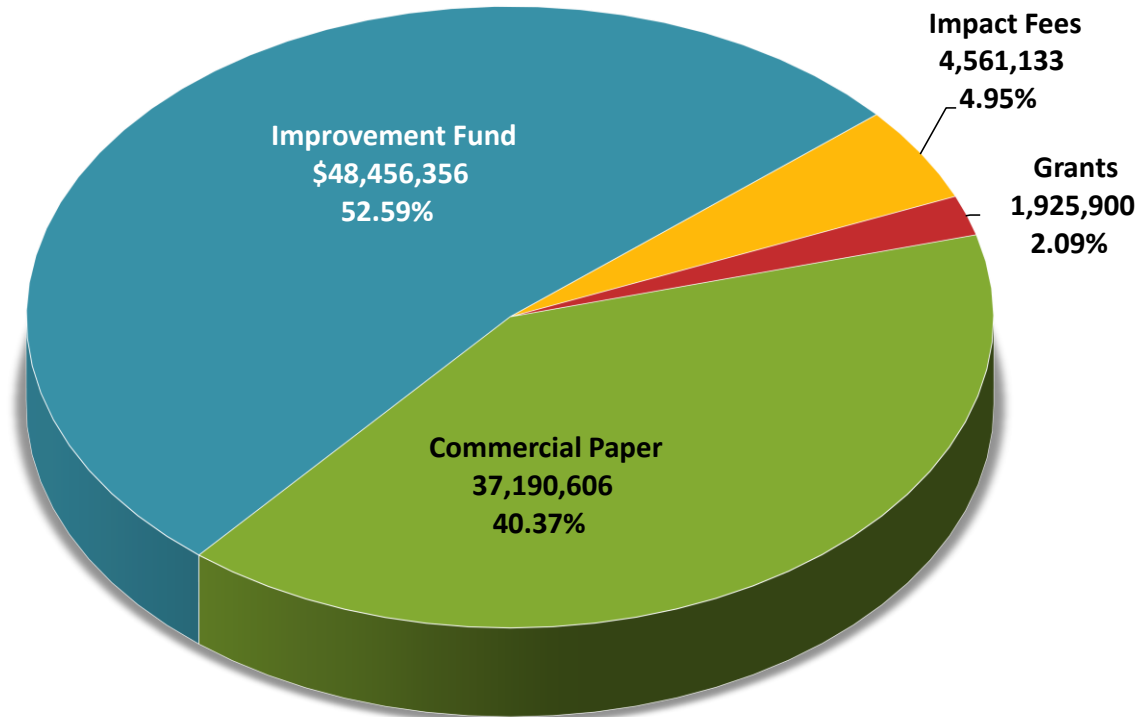


Electric	\$	32,098,381	34.82%
Water		25,514,139	27.70%
Wastewater		24,329,566	26.41%
General & Administration		5,175,109	5.62%
Facilities		5,016,800	5.45%
TOTAL	\$	92,133,995	100.00%

Note:

General, Administrative and Customer Service projects are allocated to electric 100%.

FY 2023 CAPITAL BUDGET BY FUNDING SOURCE
\$92,133,955

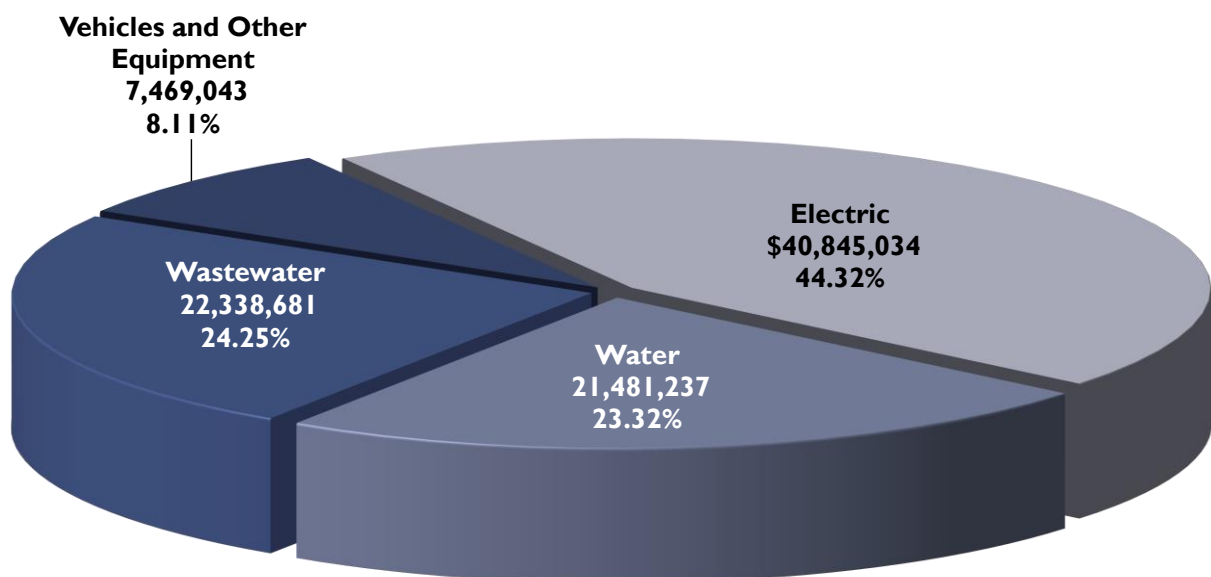


Improvement Fund	\$	48,456,356	52.59%
Impact Fees		4,561,133	4.95%
Grants		1,925,900	2.09%
Commercial Paper		37,190,606	40.37%
TOTAL	\$	92,133,995	100.00%

Note:

General, Administrative and Customer Service projects are allocated to electric 100%.

FY 2023 CAPITAL BUDGET BY SYSTEM
\$92,133,955



Electric	\$	40,845,034	44.32%
Water		21,481,237	23.32%
Wastewater		22,338,681	24.25%
Vehicles and Other Equipment		7,469,043	8.11%
TOTAL	\$	92,133,995	100.00%

Note:

General, Administrative and Customer Service projects are allocated to electric 100%.



The process of establishing the Brownsville Public Utilities Board's (BPUB) Capital Budget involves evaluating all submitted projects, assigning them to a particular category, and then ultimately allocating resources toward top-ranked priorities. The current ranking system categorizes all Capital Improvement Projects (CIP) into four (4) categories:

Project Consideration Category Reference	
Category	General Criteria
Must Do	These projects are required for the normal course of business and to provide day-to-day customer service or system operations, correct a health or safety condition, or mandated by local, state, or federal agencies.
Load/Capacity Relief	These projects are identified for improved switching capability, backup reliability for critical systems, or for specific system reinforcements needed for load relief.
Reliability	These projects are solely based on an increased reliability benefit.
General	These projects are considered general spending.

In general, non-recurring capital projects do not significantly affect Brownsville PUB's current and future Operating & Maintenance (O&M) budgets. However, specific projects for new facilities such as the FM 511 Service Yard and the Annex building do require additions to the annual operating budget for new personnel, maintenance, groundskeeping, security, insurance and other expenses. In situations such as these, new departments are created for these facilities to capture these expenses in the O&M budget. For other non-recurring capital projects, adjustments are made within the affected department's O&M budget as needed for changes in expenses such as chemicals, service agreements and other routine expenses.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 3

Airport Substation, Transformer No. 1 Upgrade, 69 KV to 138 KV

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Arnulfo Mejia
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,300,000	\$5,500,000	\$ -	\$ -	\$ -	\$6,800,000

Description: The 69KV substation is more than 40 years old and has noticeable signs of deterioration. Equipment to operate this substation is now obsolete and difficult to find replacement parts. Servicing the switchgear and oil-circuit breaker also poses a safety risk for employees in the event of a breaker failure since switchgear is a walk-in unit. The project includes the installation of one each 38 KV power transformer, three each 145 KV circuit breakers, and one each 145 KV circuit switcher.

Impact of Project:

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance since the equipment will be new.

Operating Costs: Periodic maintenance of the substation will continue, with access to less costly spare parts.

PROJECT REFERENCE 4

Replace Control Building Roof for Midtown, Military Hwy and Price Rd Substations

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Arnulfo Mejia
Utility Function: Electric Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$80,000	\$20,000	\$ -	\$ -	\$ -	\$100,000

Description: The original roofs of the control buildings are leaking. The water is starting to corrode the buildings, especially along the wall areas. Due to the condition and age of the roofs, replace the roofs for the control buildings at the Midtown, Military Highway, and Price Road Substations.

Impact of Project:

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 5

acSELerator Team SEL-5045 Software

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Arnulfo Mejia
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$150,000	\$100,000	\$ -	\$ -	\$400,000

Description: The software collects data of relay events for analysis after an event/fault occurs. The current version from Schweitzer Engineering Laboratories (SEL) is obsolete. The purchase and implementation of the software's current version to the acSELerator Team SEL-5045 will collect event data, allow for multiple users to analyze the data and automate and archive the data collected.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: O&M expense will increase due to expected annual maintenance and periodic software updates.

PROJECT REFERENCE 6

Battery Banks Replacement at Midtown, 6th Street and South Plant Substations

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Arnulfo Mejia
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$80,000	\$20,000	\$ -	\$ -	\$ -	\$100,000

Description: Some of the individual cells are beginning to deteriorate. In the event of an outage, these cells may discharge faster than anticipated, compromising the entire battery bank's capacity. Some of the battery's posts are loose and can cause heating and failure. In some cells, the voltage gets lower than average, causing the need to set the battery bank at equalize to stabilize the bank's voltage. Replace the battery banks and battery chargers at the Midtown, 6th Street and South Plant Substations.

Impact of Project:

Project Cost Savings & Revenues: O&M savings due to fewer hours and materials needed to maintain the equipment.

Operating Costs: O&M expense will continue with periodic testing and maintenance.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 7

Replace High and Low Side Bushings for Two Power Plant Auto-Transformers

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Arnulfo Mejia
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$125,000	\$125,000	\$ -	\$ -	\$ -	\$250,000

Description: As per the electrical tests performed during 2021, the bushings are deteriorating. The two auto-transformers were purchased during the 1980's. Replace the high and low side bushings for the two auto-transformers in the Power Plant Substation.

Impact of Project:

Project Cost Savings & Revenues: O&M savings due to fewer hours and materials needed to maintain the equipment.

Operating Costs: O&M expense will continue with periodic testing and maintenance.

PROJECT REFERENCE 8

Remove (and Replace) Corrosive Oil from Seven Power Transformers

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Arnulfo Mejia
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$250,000	\$500,000	\$250,000	\$ -	\$ -	\$1,000,000

Description: The corrosive oil in the power transformers will, with time, deteriorate the transformers' insulation, which in turn will cause the transformers to electrically fail. This project will procure a contractor to drain and refill with new oil for: one at the Power Plant Substation, two at the Price Road Substation, two at the Filter Plant Substation, one at the FM 802 Substation and one at the Midtown Substation.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: O&M expense will continue with periodic oil testing and maintenance.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 9

Loma Alta Auto Transformer Radiators Replacement

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Arnulfo Mejia
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$50,000	\$15,000	\$ -	\$ -	\$ -	\$65,000

Description: The radiators within the auto transformer, originally placed in service in 1980, have deteriorated due to natural wear and tear and are currently rusting and leaking oil. Procure and replace ten each radiators for the Loma Alta Substation auto transformer.

Impact of Project:

Project Cost Savings & Revenues: Savings will result in preventing costs to clean a potential oil spill.
Operating Costs: O&M expense will continue with periodic maintenance.

PROJECT REFERENCE 10

Replace Legacy Overcurrent and Transformer Differential Protection Relays

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Arnulfo Mejia
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$54,484	\$57,500	\$20,000	\$20,000	\$ -	\$151,984

Description: Current legacy overcurrent and transformer differential protection relays are no longer supported with software or hardware upgrades. The old electrical mechanical type relays are obsolete and do not have technical support for them. Recent software that has come available is not compatible with relays that are currently in service. The project will replace 24 total legacy overcurrent, transformer differential, and bus differential protection relays with new SEL microprocessor relays. Note: \$54,484 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.
Operating Costs: O&M expense will continue with periodic maintenance.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 11

Replace 138 KV breakers: 1 at Military Hwy, 2 at Midtown, 1 at 6th Street, 2 at Filter Plant and 3 at Power Plant

Organization: 2120 Substations & Relaying
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Arnulfo Mejia
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$776,980	\$ -	\$150,000	\$ -	\$ -	\$926,980

Description: The breakers have mechanical problems with operating mechanism, which gets “stuck” after a command has been issued. As a result, the breaker does not automatically reclose in the event of a transmission line operation, which can cause prolonged outages or damage to other equipment inside the substation. Replace nine total circuit breakers for the Military Highway, Midtown, 6th Street, Filter Plant and Power Plant Substations. Note: \$776,980 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.

Operating Costs: O&M expense will continue with periodic maintenance.

PROJECT REFERENCE 14

Substation and Control Centers Video Camera Upgrade

Organization: 2210 SCADA & Electrical Support Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Elias Quintero Jr.
Utility Function: Electric Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$350,000	\$ -	\$ -	\$ -	\$ -	\$350,000

Description: Existing Cisco Video Media Software has reached end-of-sale date and is nearing end of life, which will terminate all support and patching. All video cameras are also outdated and are in constant need of repairs. This project will include the purchase, installation and implementation of replacement video media servers, video media software, and video cameras located at all substations, control centers, and the Power Plant. The new system will comply with one of the requirements in the NERC CIP Standard on Physical Perimeter Security. Note: \$350,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.

Operating Costs: O&M expense will continue with periodic maintenance.

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ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 15

Open Systems International (OSI) Chronus Historian

Organization: 2210 SCADA & Electrical Support Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Elias Quintero Jr.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$182,120	\$ -	\$ -	\$ -	\$ -	\$182,120

Description: With the addition of the Rio Grande Substation next to the Power Plant, the existing OSI system's Historian application software is not able to store the number of data points required for historical, reporting and compliance purposes. This project will upgrade the Historian application software to meet the Energy Control Center needs.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: O&M expense will continue with software maintenance.

PROJECT REFERENCE 16

Electrical SCADA Replacement of System Software and Hardware

Organization: 2210 SCADA & Electrical Support Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Elias Quintero Jr.
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$168,234	\$ -	\$ -	\$ -	\$ -	\$168,234

Description: The current SCADA system is in need of an upgrade with regard to software, hardware and other key components. Note: \$168,234 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Upgrades will alleviate current maintenance and reliability costs.

Operating Costs: O&M expense will continue with software maintenance.

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ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 19

Estimated miscellaneous carryover project amount – Electric Distribution

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$637,010	\$ -	\$ -	\$ -	\$ -	\$637,010

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2022. Projects include the installation of fiber optic cable and replacement of poles throughout the City, the purchase of two automatic transfer switches for the Filter Plant Substation, and the purchase and installation of a medium voltage switchgear for the river pumps. Note: \$637,010 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 20

Estimated miscellaneous carryover project amount – Electric Transmission

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Eliazar Perez, P.E.
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$22,489	\$ -	\$ -	\$ -	\$ -	\$22,489

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2022. Projects include the purchase and installation of a transmission guy at the Annex Building, battery bank replacements at the Titan and Power Plant Substations and the replacement of a potential transformer at the Price Road Substation. Note: \$22,489 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

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ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 21

New Connections

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$917,725	\$746,200	\$746,200	\$746,200	\$746,200	\$3,902,525

Description: This project will meet the growing needs of the BPUB service area. This line item allocates funds BPUB crews use install the infrastructure needed to service new customers. Note: \$550,617 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Revenues will result from new residential, commercial, and industrial customers.

Operating Costs: N/A.

PROJECT REFERENCE 22

New Subdivisions

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,523,681	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,723,681

Description: This project will meet the growing needs of the BPUB service area. This line item allocates funds so that BPUB can install the electric infrastructure needed to service new subdivisions. Note: \$167,231 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Revenues will result from new customers who average 1,000 kWh per month on their electric usage. Each subdivision averages 50 lots.

Operating Costs: N/A.

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FY 2023 – FY 2027

PROJECT REFERENCE 23

Security Light Installation

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$167,231	\$150,000	\$150,000	\$150,000	\$150,000	\$767,231

Description: Security lights provide illumination at private residences as well as commercial lots where street lights do not. Note: \$167,231 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Security light installations begin to earn revenue on the second year of a four-year contract. In addition, extra KWh provide additional revenues during the contract term.
Operating Costs: N/A.

PROJECT REFERENCE 24

Trouble Calls & Service Increases

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$2,156,944	\$2,200,000	\$2,200,000	\$2,200,000	\$2,200,000	\$10,956,944

Description: This project will allocate the funds necessary to address safety and issues with existing services. This program also allocates funds for infrastructure replacements and upgrades. Note: \$292,244 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Service upgrades equal more revenues for BPUB in terms of increased demand charges as well as consumption.
Operating Costs: N/A.

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PROJECT REFERENCE 25

Street Light Installations

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$129,379	\$110,000	\$110,000	\$110,000	\$110,000	\$569,379

Description: Street lights illuminate entrances, sections of roadways, streets, alleys and intersections throughout the City of Brownsville. Note: \$71,999 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: Crews will periodically maintain the street lights and associated infrastructure on an ongoing basis.

PROJECT REFERENCE 26

Boca Chica Fiber Installation (Phase 3) between Padre Island Hwy and FM 511

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$87,500	\$ -	\$ -	\$ -	\$ -	\$87,500

Description: Install underground fiber optic cables along Boca Chica Boulevard between Padre Island Highway and FM 511. The infrastructure will modernize the City of Brownsville's vehicular traffic system and provide City buildings / sites with more reliable network connectivity. Note: \$87,500 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

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PROJECT REFERENCE 27

Design Services for Electric Distribution and Transmission System (MNS)

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$120,000	\$ -	\$ -	\$ -	\$ -	\$120,000

Description: M&S Engineering (MNS) is providing engineering and design related services for various electric distribution and transmission design projects. Projects include, but are not limited to, overhead and underground re-conductor projects, new subdivision development electric design, utility pole relocation, lighting installation, overhead and underground fiber installation design, overhead-to-underground conversions, installation or extensions of overhead feeders, new commercial construction, and capacitor installation Note: \$120,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

PROJECT REFERENCE 28

Relay and other upgrades at Price Rd, Waterport and Loma Alta Substations to accommodate the Sharyland Utilities Switching Station

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$144,329	-	-	-	-	\$144,329

Description: Coordinate the relay upgrades at the Loma Alta Substation to accommodate the Sharyland Utilities Stillman Station, as requested by ERCOT. Note: \$144,329 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

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PROJECT REFERENCE 29

Port of Brownsville Cross Arms Replacement

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$70,718	\$ -	\$ -	\$ -	\$ -	\$70,718

Description: Replace 162 each wood cross arms with fiberglass cross arms and associated equipment at the Port of Brownsville. Note: \$70,718 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

PROJECT REFERENCE 30

Billy Mitchell Blvd. Street Lights Upgrade

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$618,171	\$ -	\$ -	\$ -	\$ -	\$618,171

Description: Upgrade 54 each existing street light poles and fixtures along Billy Mitchell Boulevard with proposed new metrolite poles and luminaires. Also, replace the existing conduit infrastructure to underground. Note: \$618,171 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

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FY 2023 – FY 2027

PROJECT REFERENCE 31

Distribution Management System (DMS) Implementation Project

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$25,056	\$ -	\$ -	\$ -	\$ -	\$25,056

Description: Install equipment to allow for the implementation of a Distribution Management System at two each pilot feeders. Note: \$25,056 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

PROJECT REFERENCE 32

Purchase and Install a Second Power Transformer at the Palo Alto Substation

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project: General
Originator: Eleazar Ruiz Jr, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$297,088	\$1,702,912	\$ -	\$ -	\$ -	\$2,000,000

Description: The Palo Alto Substation has only one 15/20/25 MVA power transformer, which is at 70% capacity. A new transformer will accommodate future growth in this area of the City of Brownsville. Note: \$156,586 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

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FY 2023 – FY 2027

PROJECT REFERENCE 33

Extension of Electric Service to the City of Brownsville and Department of Public Safety Joint Tactical Training Center

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$86,704	\$ -	\$ -	\$ -	\$ -	\$86,704

Description: Install conduit and equipment necessary to service the proposed City of Brownsville and Texas Department of Public Safety Joint Tactical Training Center. Note: \$86,704 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

PROJECT REFERENCE 34

SRWA Water Wells Generators Project (Well No. 9, 10 and 17)

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$54,034	\$ -	\$ -	\$ -	\$ -	\$54,034

Description: BPUB will purchase and install three each 3-phase 277/480V 200kW generator for three of the wells at the Southmost Regional Water Authority. Note: \$54,034 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

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ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 35

Water & Wastewater Treatment Plant Backup Power Improvements

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez, P.E.
Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,080	\$ -	\$ -	\$ -	\$ -	\$150,080

Description: The feasibility study will design and engineer the backup power requirements for Water Plant I, Water Plant II, Robindale Wastewater Treatment Plant and South Wastewater Treatment Plant.

Note: \$150,080 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

PROJECT REFERENCE 36

Loma Alta Switching and Distribution Substation Upgrades to Accommodate the New Sharyland Utilities Switching Station

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez, P.E.
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$304,600	\$ -	\$ -	\$ -	\$ -	\$304,600

Description: Coordinate the transmission line re-route to the Sharyland Utilities Stillman Station by upgrading the Loma Alta Substation. Note: \$304,600 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

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FY 2023 – FY 2027

PROJECT REFERENCE 37

Install Electrical Conductor and Conduit at Isla de Palmas Subdivision Section I, II, III, IV, and V

Organization: 2410 Electric Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Eliazar Perez, P.E.

Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$168,000	\$ -	\$ -	\$ -	\$ -	\$168,000

Description: Install 10,500 feet of electrical conductor inside a 2.5-inch HDPE duct by directional bore at Isla de Palmas Subdivision Sections I, II, III, IV, and V, including the necessary materials. Note: \$168,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: O&M costs will be reduced for both troubleshooting and outage restoration costs.

Operating Costs: N/A.

PROJECT REFERENCE 38

Install Electrical Conductor and Conduit at Timbers Subdivision Section I, II and III

Organization: 2410 Electric Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Eliazar Perez, P.E.

Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$89,600	\$ -	\$ -	\$ -	\$ -	\$89,600

Description: Install 5,600 feet of electrical conductor inside a 2.5-inch HDPE duct by directional bore at Timbers Subdivision Sections I, II, and III, including the necessary equipment. Note: \$89,600 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: O&M costs will be reduced for both troubleshooting and outage restoration costs.

Operating Costs: N/A.

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PROJECT REFERENCE 39

Capacitor Bank and Controller Installations

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project: Load/Capacity Relief
Originator: Emmanuel Benitez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$80,000	\$85,000	\$85,000	\$ -	\$250,000

Description: Install capacitor banks and controllers for the distribution substation feeders to provide better power quality, improved reliability, and reduced losses.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: Reduced losses will generate O&M savings throughout the BPUB system.

PROJECT REFERENCE 40

Install a Second Power Transformer at the Water Port Substation

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$375,000	\$875,000	\$500,000	\$ -	\$ -	\$1,750,000

Description: The Water Port Substation has only one 15/20/25/28 MVA, 138/12.5KV power transformer, which is at 65% capacity. A new transformer will increase reliability.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

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FY 2023 – FY 2027

PROJECT REFERENCE 41

Recloser Controls on Substation Feeders

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$75,000	\$175,000	\$ -	\$ -	\$ -	\$250,000

Description: Install reclosers for several different substation feeders to provide better reliability to BPUB's customers.

Impact of Project:

Project Cost Savings & Revenues: O&M costs will be reduced for both troubleshooting and outage restoration purposes.

Operating Costs: N/A.

PROJECT REFERENCE 42

Overhead Insulated Wire Installation

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: General
Originator: Eleazar Ruiz Jr, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$27,500	\$55,000	\$ -	\$ -	\$ -	\$82,500

Description: The scope of the project includes the installation of insulated overhead wire in approximately 13 different locations where tree trimming is not practical, easily accessible, or where trimming might possibly destroy the tree. The insulation will help avoid vegetation coming in contact with distribution power lines; thus, reducing the likelihood of feeder operations interruptions and extended outage times.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

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FY 2023 – FY 2027

PROJECT REFERENCE 43

Extend Feeder from Titan Substation to Stagecoach Road

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$250,000	\$ -	\$ -	\$ -	\$ -	\$250,000

Description: Existing circuits in this area are reaching peak capacity. Install new infrastructure to extend the distribution feeder from Titan Substation towards Stagecoach Road through Dennet Road. This new infrastructure will also serve future development along this area.

Impact of Project:

Project Cost Savings & Revenues: New customers will provide additional revenue.

Operating Costs: Crews will maintain the new infrastructure.

PROJECT REFERENCE 44

OH Conductor Upgrades According to Long Range Plan Projects

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez, P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,580	\$150,520	\$ -	\$ -	\$ -	\$251,100

Description: This item will extend/upgrade overhead conductors to meet the growing needs of the service areas alongside the following: Padre Island Highway, Robindale Road, Ridgemont Court and Robinhood Drive. In addition to serving significant developments in these areas, this item will allow for the permanent transfer of load from existing circuits nearing peak capacity.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

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PROJECT REFERENCE 45

Union Carbide 69 kV to 138 kV Conversion and Transmission Line Work (Feasibility Study Only)

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Emmanuel Benitez, P.E.
Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$300,000	\$ -	\$ -	\$ -	\$300,000

Description: The Loma Alta and Union Carbide Substations were built in the early 1980s and are 69/12.5 kV systems. The 12.5 kV breakers and protection relays have become obsolete due to the lack of available parts. The 12.5 kV switchgear and the existing disconnect switches are deteriorating as well. Upgrade the existing Loma Alta and Union Carbide Substations from 69 kV to 138 kV. The project will provide the feasibility study needed to upgrade the Union Carbide Substation and Loma Alta Substation from the 69kV transmission voltage to 138kV.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

PROJECT REFERENCE 46

South Plant Substation Feeder to serve developments

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Eleazar Ruiz Jr., P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$166,200	\$277,000	\$ -	\$ -	\$ -	\$443,200

Description: The BPUB proposes to extend two new distribution feeders to meet the demands of its customers. In addition to serving significant development in the area, the proposed feeders are vital to permanently transferring load from existing circuits nearing their peak capacity.

Impact of Project:

Project Cost Savings & Revenues: A dedicated feeder will reduce the labor costs required to perform partial load transfers. The feeder will allow three MW of additional connections, which will provide \$500,000 in revenues over a 10-year period.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 47

56 MVA Northwest Distribution Substation

Organization: 2410 Electric Engineering

Project Related to: Growth

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Load/Capacity Relief

Originator: Emmanuel Benitez, P.E.

Utility Function: Electric Transmission

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$389,942	\$3,934,150	\$1,700,000	\$300,000	\$ -	\$6,324,092

Description: In order to meet the projected growth for the northwest area of the City of Brownsville, this project will entail the planning, engineering and construction necessary to install a new 56 MVA distribution substation. The new northwest distribution substation will include but is not limited to the purchase and installation of 2 each 138/12.5 KV, 28 MVA power transformers, 2 each 138 KV circuit breakers, 2 each SF-6 gas circuit switchers, a relay switchboard panel, 125V DC backup system, an outdoor 12.5kV metalclad switchgear, and control building. Note: \$289,942 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

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FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 48

Electric System Utility Work Contract

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: General
Originator: Eleazar Ruiz Jr., P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$2,196,306	\$1,800,000	\$ -	\$ -	\$ -	\$3,996,306

Description: This item provides funding for the contractor to perform various types of electric utility work to meet the needs of the growing electric system. The contractor will provide labor and equipment composing of at least one crew to provide non-site specific construction, repair and maintenance in rural and non-rural areas of BPUB's electrical system. BPUB will supply all non-consumable and non-expendable materials for each work assignment. This project will ensure timely electrical installations without sacrificing electrical maintenance programs that sustain and improve reliability. Note: \$1,203,036 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A
Operating Costs: N/A.

PROJECT REFERENCE 49

Install a Second Power Transformer at the Water Port Substation - engineering

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Eleazar Ruiz Jr., P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$133,856	\$ -	\$ -	\$ -	\$ -	\$133,856

Description: The Water Port Substation has only one 15/20/25/28 MVA, 138/12.5KV power transformer, which is at 65% capacity. A new transformer will increase reliability.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 50

OH to UG Conversion for Reliability Project

Organization: 2410 Electric Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Eleazar Ruiz Jr., P.E.
Utility Function: Electric Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$800,000	\$1,400,000	\$ -	\$ -	\$ -	\$2,200,000

Description: The Rio Viejo Subdivision's services have experienced reliability issues from the overhead conductors. BPUB proposes to convert existing overhead distribution lines to underground lines between Calle Cenizo, Calle Jacaranda, Calle Anacua and Calle Retama. Crews will install approximately 28,500 feet of electrical conductor inside 2.5 HDPE duct by directional bore.

Impact of Project:

Project Cost Savings & Revenues: Crews will reduce costs for labor, material and equipment used for both troubleshooting and outage restoration purposes.

Operating Costs: Maintenance will continue for installed underground lines.

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FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 53

Advanced Metering Infrastructure (AMI) – electric

Organization: 6105 Customer & Information Services
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: General
Originator: Sergio Delgadillo
Utility Function: Electric Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$4,789,610	\$4,928,719	\$4,959,284	\$ -	\$ -	\$14,677,613

Description: BPUB will optimize meter reading, customer service, operational efficiency and electric use-efficiency efforts through the procurement and installation of AMI technology. The scope of work includes materials, supervision, installation, and retrofitting/replacing approximately 57,000 meters. Purchase and install new communications networks to transmit the large volume of interval load data from the meter to the utility systems. Purchase and install the meter data management system (MDMS) to store and process the interval load data; and to integrate the meter data with key information and control systems, including head-end systems (Customer Information System, Geographic Information System, etc.). Note: \$3,332,988 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The costs of labor and transportation will be greatly reduced.

Operating Costs: N/A.

PROJECT REFERENCE 56

Asset Management Strategic Plan Analysis Project

Organization: 7135 Geographic Information Systems
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: General
Originator: Hazael Becerra
Utility Function: Electric Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

Description: This project will provide the hardware needed to implement the Asset Management Strategic Plan. Note: \$150,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 57

Comprehensive GIS Field Survey and Verification

Organization: 7135 Geographic Information Systems
Project Related to: Growth
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Hazael Becerra
Utility Function: Electric Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$500,000	\$700,000	\$ -	\$ -	\$1,200,000

Description: This project will outsource a contractor to survey and field verify all relevant GIS electric features, updating the GIS Electric Model and increasing the data reliability used by the Electric Engineering modeling systems and Outage Management System.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 61

Hidalgo Capital Improvements

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: Recurring
Category: Carryover and Resubmission

Funding Source: Commercial Paper
Project Considered: Load/Capacity Relief
Originator: Rolando Lozano, P.E.
Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$6,286,814	\$5,434,754	\$418,420	\$421,823	\$ -	\$12,561,811

Description: This item funds BPUB's share of expenditures from upgrading or replacing equipment or systems that have reached the end of their life cycle, failed prematurely or require enhancement for economic reasons at the Hidalgo Energy Center in Edinburg, Texas.

Impact of Project:

Project Cost Savings & Revenues: Improve the plant's overall reliability and availability, thereby reducing lost time and unexpected outages and costly repair. Any excess capacity may be dispatched for sale in the nodal market, providing additional revenue at time of sale.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 62

Unit 10 Chiller Cooling Tower Replacement

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Rolando Lozano, P.E.
Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,015,500	\$125,000	\$ -	\$ -	\$ -	\$1,140,500

Description: The current has degradation of internal and external metal structures due to solar exposure and a corrosive environment. Replacement of cooling tower designed for the specific application to reduce maintenance cost, liability and improve performance. Note: \$731,261 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Cost reduction of approximately \$30,000 per year is estimated for reduced repair costs and improved performance.

Operating Costs: Routine maintenance and upkeep is expected.

PROJECT REFERENCE 63

Unit 6 Improvements, HRSG Economizer Panel Replacement and Generator Gas Analyzer Replacement

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Rolando Lozano, P.E.
Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,435,368	\$ -	\$ -	\$ -	\$ -	\$1,435,368

Description: Replace the Heat Recovery System Generator (HRSG) economizer section, which has reached the end of its useful life, by purchasing and installing three each split lower header economizer panels and a generator gas analyzer system. Note: \$1,435,368 is the FY 2022 carryover amount

Impact of Project:

Project Cost Savings & Revenues: Cost reduction of approximately \$100,000 - \$200,000 per year is estimated for reduced repair costs.

Operating Costs: Routine maintenance and upkeep is expected.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 64

Unit 10 Ovation Control Replacement

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Rolando Lozano, P.E.
Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$435,500	\$435,500	\$ -	\$ -	\$ -	\$871,000

Description: Replace the existing Woodward Micronet Control System (a General Electric product line) for the combustion turbine and incorporate all functional control into the Emerson Ovation Distributed Control System in anticipation of obsolescence.

Impact of Project:

Project Cost Savings & Revenues: Increased efficiency will result in indirect cost savings. Improved operation and monitoring will reduce operating costs.

Operating Costs: Routine maintenance and upkeep is expected.

PROJECT REFERENCE 65

DCS Ovation Control System and Windows 10 Upgrade

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Rolando Lozano, P.E.
Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$369,975	\$554,963	\$924,939	\$ -	\$ -	\$1,849,877

Description: The existing Digital Control System (DCS), situated in the Control Room, has been in service for 8 years. The current Windows software does not support the current DCS. Upgrade the existing Emerson Ovation DCS to Windows 10.

Impact of Project:

Project Cost Savings & Revenues: Increased efficiency will result in indirect cost savings. Improved operation and monitoring will reduce operating costs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 66

Silas Ray Building Infrastructure – Perimeter Security

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Rolando Lozano, P.E.
Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$50,000	\$ -	\$ -	\$ -	\$ -	\$50,000

Description: The existing perimeter fence is over 30 years old. Replace sections with improved perimeter infrastructure.

Impact of Project:

Project Cost Savings & Revenues: Reduce operating costs for repairs is expected.
Operating Costs: N/A.

PROJECT REFERENCE 67

Silas Ray Building Infrastructure – Surveillance

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Rolando Lozano, P.E.
Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$50,000	\$ -	\$ -	\$ -	\$ -	\$50,000

Description: Replace the existing surveillance system, which remains unchanged for over 10 years.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: Routine costs for server maintenance and patching.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 68

Silas Ray Building Infrastructure – Roofs and Canopy

Organization: 2220 Power Production

Project Related to: Replacement/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: New

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Rolando Lozano, P.E.

Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$64,935	\$30,600	\$142,578	\$18,844	\$ -	\$256,957

Description: Replace the existing roofs and canopy infrastructure, which remains unchanged for over 30 years.

Impact of Project:

Project Cost Savings & Revenues: Repairs to infrastructure will be reduced.

Operating Costs: N/A.

PROJECT REFERENCE 71

Gas pipeline right-of-way project completion

Organization: 4310 Operational Support Services

Project Related to: Growth

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jaime Estrada

Utility Function: Electric Generation

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$153,883	\$ -	\$ -	\$ -	\$ -	\$153,883

Description: Engineering and feasibility services and right-of-way acquisitions for the proposed natural gas pipeline. Note: \$153,883 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 75

Carryover Capital Equipment

Organization: 9110 Company-wide Expenses
Project Related to: General
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Company wide
Utility Function: Electric Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,238,791	\$ -	\$ -	\$ -	\$ -	\$1,238,791

Description: This line item is the budget for the carryover capital equipment. These items include purchases of vehicles and other equipment for several departments. Note: \$1,238,791 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

PROJECT REFERENCE 76

Estimated Capital Equipment

Organization: 9110 Company-wide Expenses
Project Related to: General
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Company wide
Utility Function: Electric Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$206,464	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,206,464

Description: This line item will provide funding for the purchase of new capital equipment. These items include purchases of vehicles and other equipment for several departments.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 81

Architect/engineering design services for Administration Building Annex

Organization: 1110 General Manager
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal, P.E.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$212,584	\$ -	\$ -	\$ -	\$ -	\$212,584

Description: Architectural and engineering design services of the new Administration Building Annex to be located next to the current Administration Building on Robinhood Street. Note: \$212,584 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 82

Administration Building Remodeling – design

Organization: 1110 General Manager
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal, P.E.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$416,827	\$ -	\$ -	\$ -	\$ -	\$416,827

Description: The current Administration Building was built in 1991 to accommodate the personnel at that time. Given the growth that BPUB has experienced over the last 20 years, the Administration Building can no longer accommodate the number of personnel currently using this facility. This project will design the remodeling needed to update this facility. Note: \$416,827 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 83

Traffic Signal on FM 511 and Old Alice Rd

Organization: 1110 General Manager
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal, P.E.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$101,428	\$ -	\$ -	\$ -	\$ -	\$101,428

Description: The Service Center at FM 511 houses over 300 BPUB fleet vehicles of all sizes. It is anticipated that these vehicles may cause major problems at the intersection of FM 511 and Old Alice Road where only a flashing red light exists. Purchase and install a traffic signal at this intersection. Note: \$101,428 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 86

Implementation of an Enterprise Content Management (ECM) System

Organization: 1165 Records Management
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Nancy Tello
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$223,607	\$ -	\$ -	\$ -	\$ -	\$223,607

Description: The implementation of the ECM System consists of conducting a needs assessment, developing system specifications, projecting cost benefit analysis, developing request for proposals, evaluating and selecting vendor, and installation and implementation of the system. Note: \$223,607 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: BPUB will not have to spend funds every six months to add 20 terabytes of storage capacity and will not have to store paper records since the retention period will be incorporated into the ECMS.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 89

HVAC Replacement Project

Organization: 1422 Analytical Lab
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: General
Originator: Vicente Guerrero III
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$674,211	\$500,000	\$-	\$ -	\$ -	\$1,174,211

Description: The existing HVAC system has several leaks in the chillers and air ducts. Replacement is necessary due to chiller corrosion leaks, building internal condensation issues and the age of the equipment. This project will replace two each chillers, the air handling unit, the section supply air duct and other materials necessary to replace the existing system. Note: \$174,211 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Reduced costs are expected for repairing the HVAC system.
Operating Costs: N/A.

PROJECT REFERENCE 92

SCADA Yard Communication Tower – Phase 2 and 3

Organization: 2210 SCADA & Electrical Support Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover and Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Elias Quintero Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$277,800	\$317,440	\$ -	\$ -	\$ -	\$595,240

Description: Continue the design, purchase and implementation to replace the existing SCADA telemetry system for the electric, water and wastewater SCADA systems. This project includes improvements to the SCADA remote terminal unit locations and access points. Note: \$277,800 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 95

Professional Engineering Services Pertaining to Stand-By / Back-Up Power Specifications and Design for Various BPUB Facilities

Organization: 2210 SCADA & Electrical Support Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Elias Quintero Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$375,000	\$375,000	\$ -	\$ -	\$ -	\$750,000

Description: Procure professional engineering services for the engineering design and construction plan for emergency back-up / stand-by power solution for various BPUB facilities. The selected engineering firm will visit and study existing as-built configurations and equipment and determine the power reliability requirements of the evaluated facilities.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 98

Cayenta Utilities (UMS) Upgrade

Organization: 6135 CIS Support
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Norma A. Gomez
Utility Function: Customer Service

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$32,668	\$ -	\$ -	\$ -	\$ -	\$32,668

Description: Since the last upgrade to the Utility Manager System in March 2015, new enhancements have been released that will allow the company to provide better customer service and allow the use of new interfaces with other applications such as Cityworks and GIS. The upgrade will have new enhanced features such as custom portals available for all different departments using the application. Note: \$32,668 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

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FY 2023 – FY 2027

PROJECT REFERENCE 99

Cayenta The Customer Engagement Portal

Organization: 6135 CIS Support

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Norma A. Gomez

Utility Function: Customer Service

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$243,140	\$ -	\$ -	\$ -	\$ -	\$243,140

Description: The existing Customer Self Service Portal is outdated and not compatible with the recently updated Outage Management System (OMS). Cayenta, the vendor providing the Customer Information System, will no longer support the existing portal. Purchase and implement Cayenta's Customer Engagement Portal, which includes the Customer Engagement Portal, Engager Mobile App, basic Customer Preference Management functionality, and integration to the OMS. Note: \$243,140 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Reduce labor costs incurred to answer customer requests for outage, bill and historical information.

Operating Costs: N/A.

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FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 102

Electronic Rebate Collaboration Platform

Organization: 6145 Energy Efficiency & Conservation
Project Related to: Growth
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Eduardo A. Campirano Jr.
Utility Function: Electric Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$23,000	\$25,000	\$ -	\$ -	\$ -	\$48,000

Description: This project will migrate the existing rebate and solar programs to an online platform, which will allow for digital signatures, project status tracking, reporting, etc. through the procurement of a new electronic rebate collaboration platform. The platform's software will streamline the existing process by removing the need for offline printing, signatures acquisition, scanning, creating files, and other tasks.

Impact of Project:

Project Cost Savings & Revenues: Reduce labor and materials costs for processing over 800 rebate applications and over 130 solar designs annually.

Operating Costs: Annual operating costs for the software is estimated at \$48,000.00.

PROJECT REFERENCE 105

Drive Up Lane Equipment Replacement

Organization: 6160 Cashiers
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: General
Originator: Ruben Saldivar
Utility Function: Customer Service

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$61,000	\$ -	\$ -	\$ -	\$ -	\$61,000

Description: Replace the existing equipment for five lanes, which were installed in 2008, with new equipment that has two-way digital audio/visual capability.

Impact of Project:

Project Cost Savings & Revenues: Reduce costs for maintaining the equipment.

Operating Costs: The annual maintenance agreement will continue.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 108

Pure Storage Expansion

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Sergio Martinez
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$3,446	\$ -	\$ -	\$ -	\$ -	\$3,446

Description: Multiple hard disk environments handle BPUB's storage needs. The updated will allow Information Technology Department staff to standardize to one storage platform. This platform will create instant backups and data replication to BPUB's secondary data center. The backup will allow for faster restoration of large amounts of data faster in case of natural or hardware disaster. Note: \$3,446 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 109

IT Room Generator at Power Plant (backup power)

Organization: 7130 Information Technology
Project Related to: Emergency
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Sergio Martinez
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$47,976	\$ -	\$ -	\$ -	\$ -	\$47,976

Description: Currently, when the Power Plant has an outage, the facility has limited backup power to keep the IT Data Center running. Power interruptions affect the telephone and network equipment. Data corruption occurs and, at times, servers are recovered using backups. Purchase and install a single-phase 120/240V 130kW diesel generator to serve as backup power for the IT Data Center. Note: \$47,976 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 110

APC / UPS - DataCenter Hardware Replacement

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Sergio Martinez
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,609	\$ -	\$ -	\$ -	\$ -	\$1,609

Description: The current UPS is 10 years old and some parts in-line with APC's yearly preventative maintenance renewal will be replaced. Power modules and partial battery replacement will be necessary. These parts need to be replaced in order to continue renewing the yearly agreement. Failure to replace parts will void the warranty of the UPS. Note: \$1,609 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 111

Dell FX Chassis and Storage – Administration Building

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Sergio Martinez
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$4,711	\$ -	\$ -	\$ -	\$ -	\$4,711

Description: Purchase and install a Dell FX chassis and storage for server replacement, disk expansion and growth throughout the year. Information Technology personnel will replace end-of-life servers not covered by warranty. Currently, production systems are running on outdated hardware. Note: \$4,711 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 112

FM 511 Tower

Organization: 7130 Information Technology
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

Description: Install a radio communication tower at the new FM 511 Service Yard area. The tower will communicate with radio network equipment at the Power Plant and with the SCADA network. This tower will provide redundancy in case of any natural disaster or during maintenance of the IT fiber optics installed by the SCADA department. Note: \$150,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 113

UPS – IT Equipment at New Building FM 511

Organization: 7130 Information Technology
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$45,000	\$ -	\$ -	\$ -	\$ -	\$45,000

Description: Uninterruptible power supply (UPS) for new building phone/network hardware is required. This will allow departments located in the new FM 511 building to maintain proper phone connectivity in the event of a power outage. All departments moved into the new building will benefit from this redundant power source. In addition, purchase and connect core network switches. Note: \$45,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

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FY 2023 – FY 2027

PROJECT REFERENCE 114

Enterprise Backup Appliance DR4100

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$225,000	\$ -	\$ -	\$ -	\$ -	\$225,000

Description: Purchase and install the appliance, which will be used to backup BPUB's enterprise systems. Note: \$225,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

PROJECT REFERENCE 115

E911 and Cisco Switch Upgrade

Organization: 7130 Information Technology
Project Related to: Emergency
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$130,000	\$96,000	\$ -	\$ -	\$ -	\$226,000

Description: Cisco Emergency Responder 9.0 is a software appliance that enhances emergency calling from Cisco Unified Communications Manager. It helps assure that Cisco Unified Communications Manager sends emergency calls to the appropriate Public Safety Answering Point (PSAP) for the caller's location, and that the PSAP can identify the caller's location and, if necessary, return the call. Cisco Emergency Responder can also notify customer security personnel of an emergency call in progress and the caller's location. Core networking switches will also need upgrades.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 116

Cisco ACI Network Equipment – Multi-Site

Organization: 7130 Information Technology
Project Related to: Emergency
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$176,308	\$176,308	\$ -	\$ -	\$ -	\$352,616

Description: The Enterprise ACI Cisco network equipment is needed to provide support for network communications and redundancy. This project will provide more reliable phone and network services to BPUB's end users.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: Yearly software maintenance support.

PROJECT REFERENCE 117

Power Plant Firewall and Data Center Switch Upgrade

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$283,812	\$ -	\$ -	\$ -	\$ -	\$283,812

Description: Due to stringent cybersecurity policies by the state and external audits, purchase and install next-generation appliances for enhanced detection and protection of the system environment. These appliances will allow a more centralized view to enable a more granular security of software applications, improve network security and simplify the network workload. This project will also provide the necessary network connectivity and security to support the enterprise business applications and protect against malware and cybersecurity attacks.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: Yearly service agreement for updates and support.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

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FY 2023 – FY 2027

PROJECT REFERENCE 118

Data Cabling for Main Administration Building

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$75,000	\$75,000	\$ -	\$ -	\$ -	\$150,000

Description: Replace the existing data cabling for the Administration Building with Category 6 cable or better to support new IP technologies and better network connectivity.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A

PROJECT REFERENCE 119

UPS-Generation Power Plant Expansion

Organization: 7130 Information Technology
Project Related to: Growth
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

Description: This project will allow the IT data center at the Power Plant to maintain proper phone-network connectivity in the event of a power outage. Core network switches will also be connected to allow communication redundancy in the event of a natural or other type of disaster.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

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ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 120

Cisco Phone Upgrade

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

Description: This project will replicate the existing Cisco phone applications offsite to a Cisco hosted and operated, dedicated customer instance in Cisco Webex data centers, allowing the phone applications to run from a cloud environment.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: Annual fee for housing the hardware.

PROJECT REFERENCE 121

Email Retention and Archiving Project

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Load/Capacity Relief
Originator: Jose Luis Lopez Jr.
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

Description: This project will set up and procure a platform to archive and retrieve emails, which will be managed by the Records Management Department.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: Annual hardware and software support services.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

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FY 2023 – FY 2027

PROJECT REFERENCE 124

GIS/Cityworks Upgrade

Organization: 7135 Geographic Information Systems
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Hazael Becerra
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$500,000	\$ -	\$ -	\$ -	\$ -	\$500,000

Description: This project will upgrade the GIS and Cityworks software applications to the most current version available.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: Annual maintenance agreements for the GIS and Cityworks applications.

PROJECT REFERENCE 127

FM 511 Service Center – New Lay Down Yard

Organization: 7170 Warehouse
Project Related to: Growth
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Monica G Cavazos
Utility Function: General Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$540,982	\$540,982	\$ -	\$ -	\$ -	\$1,081,964

Description: The current layout of the FM 511 lay down yard area does not accommodate all materials needed to supply operations on a day-to-day basis. This project will expand the lay down yard area to accommodate all materials currently stored at the old warehouse and yard areas located on Robinhood Drive and provide additional room for storing increased inventory requirements.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 135

Loading/Unloading Facility to disinfect water tankers for SpaceX – engineering and construction

Organization: 1420 Environmental Compliance
Project Related to: Growth
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Ramiro Capistran Jr.
Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$200,000	\$ -	\$ -	\$ -	\$200,000

Description: The current process involves rotating between three different locations and use of labor and chemicals to disinfect the water tankers on a monthly basis, as required by TCEQ rules. Design and construct a dedicated loading/unloading facility with the necessary pipes, valves and instruments. The facility will include a concrete skit with steel roof cover, fire hydrant with back flow device and meter, lift station or manhole, stairs to access the tank and a dedicated work area for conducting the required lab analyses of the water in the tankers.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 138

SRWA Wells Fiber Optic Communications

Organization: 2210 SCADA & Electrical Support Serv.
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Elias Quintero Jr.
Utility Function: Water Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$50,000	\$455,000	\$ -	\$ -	\$ -	\$505,000

Description: Weather events affect the current radio system, such as lightning, that prevent the system from restarting. Operations is affected while the radio system is repaired. Extend fiber communications from the Palo Alto Substation to all SRWA well sites.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 141 and 142

Raw Water Pump Station – engineering (Packet 4) and construction – AECOM Pumps 4, 5, and 6

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement and Grants

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$500,000	\$300,000	\$ -	\$ -	\$ -	\$800,000

Description: Procured engineering and construction services to rehabilitate the Raw Water Pump Station with new pumps, motor and piping, valve controls, SCADA modifications and electrical controls. After the engineering phase complete, purchase and install the components for the Raw Water Pump Station.

Impact of Project:

Project Cost Savings & Revenues: Reduced maintenance costs due to installation of new equipment.

Operating Costs: Routine preventative maintenance will keep the pumps in good working condition.

PROJECT REFERENCE 143

High Service Pump Station No. 1 – engineering (Packet 4)

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$38,308	\$ -	\$ -	\$ -	\$ -	\$38,308

Description: Procured engineering services to rehabilitate High Service Pump Station No. 1 by replacing the electrical building, outside transformers and electrical controls. Note: \$38,308 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 144

High Service Pump Station No. 2 – Pump and Motor Replacement - engineering (Packet 4) construction

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$23,775	\$ -	\$ -	\$ -	\$ -	\$23,775

Description: Procured engineering services to rehabilitate High Service Pump Station No. 2 with new pumps, motor and piping, and electrical controls. Note: \$23,775 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 145

High Service Pump No. 2 – (Packet 4) Pump and Motor Replacement – construction

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$260,000	\$ -	\$ -	\$ -	\$ -	\$260,000

Description: The current high service pump is over 30 years old and would be more cost effective to replace the entire unit. Replace the pump and motor at High Service Pump No. 2. Note: \$260,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Pump and motor will be using a variable frequency drive, which will allow for only required output settings, reducing unnecessary power consumption.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 146

Access Control and Facility Cameras

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$58,500	\$ -	\$ -	\$ -	\$ -	\$58,500

Description: The facility was originally built in 1930 with an expansion in the 1950s. No surveillance system was integrated within the facility. Cameras and surveillance will contribute to safety and security with the ability to, for example, monitor suspicious activities. Note: \$58,500 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 147

Replacement of Compressors

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$82,800	\$ -	\$ -	\$ -	\$ -	\$82,800

Description: The existing compressors need to be replaced due to wear and tear. The compressors are under frequent maintenance. The actuators have been damaged due to oil and water getting inside them.

Impact of Project:

Project Cost Savings & Revenues: Actuators do not need frequent replacement.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

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PROJECT REFERENCE 148

Replacement of Waste Pump and Motor

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$181,416	\$ -	\$ -	\$ -	\$ -	\$181,416

Description: The waste pumps are essential in sending the backwash water and sediment inside the basins and clarifiers to the drying lagoons. The existing waste pumps have been sent for preventive maintenance frequently. The existing pumps are over 25 years old and need to be replaced.

Impact of Project:

Project Cost Savings & Revenues: Waste pump does not need frequent repairs.

Operating Costs: N/A.

PROJECT REFERENCE 149

Pump Station 1 High Service Pump No. 6

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$375,000	\$1,176,600	\$ -	\$ -	\$ -	\$1,551,600

Description: This old pump has been refurbished several times. Purchase and install a new pump to replace the existing unit and upgrade the MCC building. The replacement pump is also for future growth.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 150

Replacement of rakes for two clarifiers (B1 and B2)

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: New

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$260,000	\$ -	\$ -	\$260,000

Description: Replace the clarifier rakes with a stainless-steel rake to prevent corrosion. The current rakes inside the clarifiers are severely corroded and need to be replaced.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 151

Clarifiers drain sludge pump

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$32,500	\$ -	\$ -	\$ -	\$ -	\$32,500

Description: The existing sludge pump for the clarifiers is over 15 years old and is beyond its life cycle. Purchase and install a drain sludge pump for the clarifiers. Note: \$32,500 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 152

Replace Influent Valves for 8 Filters

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$214,000	\$ -	\$ -	\$ -	\$ -	\$214,000

Description: Influent valves allow settled water to enter the filtering stage of the treatment process. The current influent valves are allowing water to seep through when the valve is closed, due to the deteriorated valve gasket. Purchase and install new valves to replace the existing units.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 153

Raw Water Pump Station No. 1, 2 and 3

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$156,474	\$ -	\$ -	\$ -	\$ -	\$156,474

Description: Pumps are more than 25 years old. Efficiency and flow have diminished due to their age. Upgrade the raw water pumps, add a variable frequency drive and provide SCADA improvements.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: Routine preventative maintenance will keep the pumps in good working condition.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 154

Backup caustic soda bulk tank

Organization: 3120 Water Plant I

Project Related to: Growth

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

Description: Purchase and install a backup 6,550 gallon caustic soda bulk tank.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 155

Conversion of ammonia containers and feed equipment from gas to liquid

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$376,740	\$ -	\$ -	\$ -	\$376,740

Description: Anhydrous ammonia is used in the water treatment process to form chloramines.

Chloramines are formed by mixing ammonia and chlorine. Chloramines are the main disinfectants in the water treatment process and distribution system. The plant currently handles ammonia in a gaseous form. The existing ammonia containers and feed equipment are over 25 years old. Instead of upgrading the existing system, staff is recommending replacing the storage and feed equipment from the anhydrous gaseous ammonia to the safer liquid phase of ammonia. The current storage of ammonia may trigger federal regulations exceedances and requirements of the risk management program.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: Routine preventative maintenance will keep the equipment in good working condition.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 156

Chlorination System Expansion and Scrubber

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,000	\$1,003,805	\$6,050,000	\$ -	\$ -	\$7,153,805

Description: Increasing the storage capacity will provide more chlorine containers to be available on site. The existing storage area does not provide enough capacity to store a 15-day supply.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 157

Drain Valves for the Drying Lagoons

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$58,500	\$ -	\$ -	\$ -	\$ -	\$58,500

Description: Replace four 4-inch drain valves and two 6-inch drain valves to the drying lagoons drains. The existing drain valves are not operational. Note: \$58,500 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 160

Installation of New Caustic Soda Feed System

Organization: 3130 Water Plant II
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Jose Armando Garza
Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$11,178	-	-	-	-	\$11,178

Description: There is currently only one caustic soda feed tank, which draws the chemical from the bottom of the tank. This system poses a risk for leaks by the flange connection and ball valve point. Gravity pressure of the chemical also induces strain on the connections. The system lacks a secondary back up bulk tank so that preventative maintenance may be performed as needed. Purchase and install two each caustic soda bulk tanks, two each chemical feed pumps, and the housing for the chemical feed pumps. Note: \$11,178 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 161

Aeration Structure Rehabilitation - Engineering (Packet 3)

Organization: 3130 Water Plant II
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Jose Armando Garza
Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$91,805	\$ -	\$ -	\$ -	\$ -	\$91,805

Description: Evaluate the existing aeration process in Water Plant II. Recommend improvements, whether to upgrade the current facilities or build new facilities. Note: \$91,805 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 162

Aeration Tank Replacement - Engineering (Packet 3)

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$94,151	\$ -	\$ -	\$ -	\$ -	\$94,151

Description: Replace the existing aeration tank. Note: \$94,151 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 163

High Service Pump Station (5 vertical turbine pumps) – engineering (Packet 4)

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$27,577	\$ -	\$ -	\$ -	\$ -	\$27,577

Description: Procure engineering services to rehabilitate the High Service Pump Station with new pumps and electrical controls. Note: \$27,577 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 164

Raw Water Pump Station – engineering (Packet 4)

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$21,238	\$ -	\$ -	\$ -	\$ -	\$21,238

Description: Procure engineering services to rehabilitate the Raw Water Pump Station with new raw water pumps, piping and electrical controls. The pumps need to have a capacity of 10 million gallons per day each. Note: \$21,238 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 165

Reservoir Raw Water Pumps Variable Frequency Drives (VFDs) Replacement

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$90,000	\$ -	\$ -	\$ -	\$ -	\$90,000

Description: This project will consist of replacing the variable frequency drives for raw water pumps No. 1, 2, and 3. Current age of the existing VFDs are over 10 years old. There have been frequent pump faults due to the VFDs; and staff has been trying to preserve the life of them by installing new parts.

Impact of Project:

Project Cost Savings & Revenues: This project will generate savings in the form of reduced costs from external technicians and the reliability of new parts with warranty.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 166

Flocculation Basin Improvement

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: New

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$60,000	\$67,400	\$ -	\$ -	\$ -	\$127,400

Description: Flocculator gearboxes are outdated and difficult to obtain replacement parts. Replace the existing units with updated equipment.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: Routine preventative maintenance will keep the equipment in good working condition.

PROJECT REFERENCE 167

Pump and Motor Replacement of Reservoir Raw Water Pump Number 1

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$196,500	\$ -	\$ -	\$ -	\$ -	\$196,500

Description: The current pump is over 25 years old. Replace the existing pump and motor to reservoir raw water pump number 1. Note: \$196,500 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Repair costs savings for the current pump.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 168

High Service Pump Station

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$262,000	\$ -	\$ -	\$ -	\$ -	\$262,000

Description: Replace and upgrade the High Service Station's 5 vertical turbine pumps. Note: \$262,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 169

Pump and Motor Replacement of Reservoir Raw Water Pump Number 3

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$196,500	\$ -	\$ -	\$ -	\$ -	\$196,500

Description: The current pump is over 25 years old. Replace the existing pump and motor to reservoir raw water pump number 1. Note: \$196,500 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Save repair costs for the current pump.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 170

Coagulant Bulk Tank Replacement

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$183,000	\$ -	\$ -	\$ -	\$ -	\$183,000

Description: The blue coagulant tank is over 10 years old. Replace the existing coagulant bulk tank with a new double wall tank and leak detection system. Note: \$183,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 171

Sodium chlorite bulk tank replacement

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$183,000	\$ -	\$ -	\$ -	\$ -	\$183,000

Description: The existing sodium chlorite bulk tank is over 15 years old. Replace the existing sodium chlorite bulk tank. Note: \$50,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 172

Ammonia conversion from gas to liquid

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Domingo Cortez Jr

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$376,740	\$ -	\$ -	\$ -	\$376,740

Description: Anhydrous ammonia is used in the water treatment process to form chloramines. Chloramines are formed by mixing ammonia and chlorine. Chloramines are the main disinfectants in the water treatment process and distribution system. The plant currently handles ammonia in a gaseous form. The existing ammonia feed system is over 30 years old. Instead of upgrading the existing system, staff is recommending replacing the storage and feed equipment from the anhydrous gaseous ammonia to the safer liquid phase of ammonia. The current storage of ammonia may trigger federal regulations exceedances and requirements of the risk management program.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: Routine preventative maintenance will keep the equipment in good working condition.

PROJECT REFERENCE 173

Water Plant No. 2 Resaca Raw Water Pumping Station

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$150,000	\$462,750	\$ -	\$ -	\$612,750

Description: The current raw water facility was designed in the late 1940's. Purchase and install two each raw water pumps with variable frequency drives. The pumps need to have a treatment capacity of 10 million gallons per day each.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 174

Aeration Tanks Replacement

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$128,170	\$400,000	\$400,000	\$ -	\$ -	\$928,170

Description: Replace the existing aeration tanks in the aeration basins. Note: \$128,170 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 175

Chlorination System Expansion and Scrubber

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$660,000	\$5,450,000	\$ -	\$ -	\$6,110,000

Description: Increasing the storage capacity will provide more chlorine containers to be available on site. The existing storage area does not provide enough capacity to store a 15-day supply.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 176

Replacement of Backwash Waste Pump No 1

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$131,000	\$ -	\$ -	\$ -	\$ -	\$131,000

Description: The current pump is over 20 years old. The sludge pump transports backwash wastewater and sedimentation wastewater to the drying basins. Replace the existing pump and motor. Note: \$131,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Save repair costs for the current pump.

Operating Costs: N/A.

PROJECT REFERENCE 179

Raw Water to Resaca Flow Meter

Organization: 3140 Raw Water Supply

Project Related to: Growth

Project Occurrence: One-time

Category: New

Funding Source: Commercial Paper

Project Considered: Reliability

Originator: Rene Mariscal

Utility Function: Water Supply

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$102,750	\$ -	\$ -	\$ -	\$102,750

Description: Purchase and install a flow meter to measure and record raw water flow fed to the City of Brownsville Resaca system. Currently, no flow meter is in place to measure raw water fed to the Resaca system.

Impact of Project:

Project Cost Savings & Revenues: Flow meter will help staff manage and quantify raw water provided to resacas.

Operating Costs: Routine maintenance and calibration of flow meter.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 180

Raw Water to Draper Pond

Organization: 3140 Raw Water Supply
Project Related to: Growth
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Rene Mariscal
Utility Function: Water Supply

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

Description: The Brownsville Irrigation District provides raw water through conveyance to Draper Pond. However, the existing infrastructure is aging and in debilitated condition. This project will design and construct pipeline, pumps and pump station to divert raw water from Resaca De La Guerra to Hudson Resaca and then to Draper Pond.

Impact of Project:

Project Cost Savings & Revenues: Reduced purchases of raw water from the Brownsville Irrigation District.

Operating Costs: Routine preventative maintenance will keep the equipment in good working condition.

PROJECT REFERENCE 183

Water Valve Replacement Phase 3 Project – engineering

Organization: 3150 W/WW Operations & Construction
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Frank Valdez Jr
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$50,134	\$ -	\$ -	\$ -	\$ -	\$50,134

Description: Engineer the replacement of 21 each inoperable waterline valves, which range in size from 8” to 16” in diameter, throughout the City of Brownsville. Note: \$50,134 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Reduction of labor costs to perform leak repairs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 184

Valve Replacement Project Phase 3 - construction

Organization: 3150 W/WW Operations & Construction
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Frank Valdez Jr
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$359,643	\$ -	\$ -	\$ -	\$ -	\$359,643

Description: Replace valves throughout the City of Brownsville. Valves are inoperable, frozen, and/or spinning freely, causing difficulties in isolating and shutting down areas throughout the distribution system for repairs or maintenance. Note: \$359,643 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 185

Water New Connections and New Subdivisions

Organization: 3150 W/WW Operations & Construction
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Frank Valdez Jr
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$866,408	\$650,000	\$650,000	\$650,000	\$650,000	\$3,466,408

Description: This line item provides funding to implement new water connections for future customers requesting service. Note: \$216,408 is the FY2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Work effort adds additional connections to the system, providing consumption revenues.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 186

Water Meter Vault Replacement Project

Organization: 3150 W/WW Operations & Construction
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Frank Valdez Jr
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$41,478	\$ -	\$ -	\$ -	\$ -	\$41,478

Description: Replace and improve the asset usability and operability of water meter vaults in the water distribution system. Project will allow for replacement of five aged and outdated water meter vaults that have water infiltration issues, need to be pumped out for maintenance and perform monthly meter reads.

Note: \$41,478 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

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FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 189

Leak Detection Project

Organization: 3155 W/WW Operations & Maintenance
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Jose G. Garza, Jr.
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$200,000	\$ -	\$ -	\$ -	\$ -	\$200,000

Description: Survey asbestos cement pipes in the water distribution system for possible leaks not surfacing to ground level. Hire a contractor to conduct a leak detection survey to determine real water losses over 204.5 miles of asbestos cement water main pipes. This survey will accomplish the following activities: Reduce real water loss (leaks) in the BPUB water distribution systems. Acoustically inspect 204.5 miles of asbestos cement water main leaks and other possible water loss problems. Listen directly to water system assets (valves, fire hydrants, water service lines, water meters). Visually inspect ground storage reservoirs, well sites, pump stations, fire hydrants and water meters. Check all storm water sewer manholes for excess water flow form possible water leaks not surfacing to ground level. Ground mic over water transmission mains where physical listening points exceed 200 feet. Perform chlorine residual test on standing water located in close proximity to water mains. Inspect for illegal water connections and cross connections.

Impact of Project:

Project Cost Savings & Revenues: Provide an adequate infrastructure that provides reliable service, supports a growing community, and is in alignment with the Greater Brownsville Infrastructure Development Plan. The survey inspection of Asbestos Cement water line pipe can assist in determining the condition and integrity of the waterline by determining how many leaks are found over the stretch of pipe. The locating, accessing, repairing, and replacing of bad joints or sections of pipe will diminish water losses. The survey will identify water loss savings, reduce collateral damage and improve water quality.

Operating Costs: N/A.

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FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 192

Estimated miscellaneous carryover project

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$13,503	\$ -	\$ -	\$ -	\$ -	\$13,503

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2022. Projects includes the engineering for the West 5th Street Water Main Loop Project and water line inspections for subdivisions throughout the City and other water utility projects. Note: \$13,503 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 193

EST No. 8 – Two Million Gallon Elevated Storage Tank to Replace the Southmost Elevated Storage Tank – engineering and construction

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$780,903	\$ -	\$ -	\$ -	\$ -	\$780,903

Description: Design, engineer and construct a two million gallon elevated storage tank to replace the elevated storage tank on Southmost Road. Note: \$780,903 is the FY 2022 carryover.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 194

Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Water Utility Improvements-engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$33,907	\$ -	\$ -	\$ -	\$ -	\$33,907

Description: Design and engineer the replacement of existing water utilities with PVC pipe to meet BPUB standards. Note: \$29,183 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 195

Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Water Utility Improvements-construction

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$737,750	\$ -	\$ -	\$ -	\$ -	\$737,750

Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Replace the existing water utilities with PVC pipe to meet BPUB standards. Note: \$737,750 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 196

Calvin Street Water Utility Improvements – engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$11,967	\$ -	\$ -	\$ -	\$ -	\$11,967

Description: Design and engineer the replacement of existing water utilities with PVC pipe to meet BPUB standards. Note: \$10,724 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

PROJECT REFERENCE 197

Calvin Street Water Utility Improvements – engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$283,140	\$ -	\$ -	\$ -	\$ -	\$283,140

Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Replace the existing water utilities with PVC pipe to meet BPUB standards.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 198

COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Water Utility Improvements

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$500,000	\$545,016	\$ -	\$ -	\$ -	\$1,045,016

Description: The project involves replacement of gravity sanitary sewer collections system with PVC pipe, fiberglass manholes and service laterals in coordination with City Street Reconstruction Projects. Design, engineer and replace the degraded sanitary sewer collection system with PVC pipe and fiberglass manholes to meet BPUB standards.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

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FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 199

COB Contract No. 3 – construction contract

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$111,513	\$ -	\$ -	\$ -	\$ -	\$111,513

Description: The project involves replacement of gravity sanitary sewer collections system with PVC pipe, fiberglass manholes and service laterals in coordination with City Street Reconstruction Projects. Replace the degraded sanitary sewer collection system with PVC pipe and fiberglass manholes to meet BPUB standards. Note: \$111,513 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

PROJECT REFERENCE 200

Extension of Water Service to the City of Brownsville and Department of Public Safety Joint Tactical Training Center

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: General
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$321,864	\$ -	\$ -	\$ -	\$321,864

Description: Extend first-time waterline extension to the proposed City of Brownsville and Department of Public Safety Joint Tactical Training Center.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 201

E 15th Street Utility Improvements – engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$168,126	\$ -	\$ -	\$ -	\$ -	\$168,126

Description: Design and engineer the replacement of existing water utilities with PVC pipe to meet BPUB standards. Note: \$2,442 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

PROJECT REFERENCE 202

E 15th Street Utility Improvements – construction

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$230,184	\$ -	\$ -	\$ -	\$ -	\$230,184

Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Replace existing water utilities with PVC pipe to meet BPUB standards.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 203

Water Main Replacements related to City Street Paving and Drainage Improvement Projects

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability and Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$300,000	\$345,734	\$ -	\$ -	\$ -	\$645,734

Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

PROJECT REFERENCE 222

Old Port Isabel Waterline System Loop – Engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$280,000	\$ -	\$ -	\$ -	\$280,000

Description: Design and engineer the proposed waterlines to close loops within the water distribution system along Old Port Isabel Road at the intersections of FM 802 and Boca Chica Boulevard. This project will eliminate dead end lines within the water distribution system.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 205

FM 802 and Coffeeport Waterline Loop

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$384,480	\$ -	\$ -	\$ -	\$384,480

Description: Design, engineer and construct a 16" waterline loop on FM 802 and Coffeeport Rd, closing the loop between the water distribution systems along FM 802.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: Routine maintenance of waterlines.

PROJECT REFERENCE 206

South Iowa Waterline Upgrade (Boca Chica Blvd to Billy Mitchell Blvd)

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$100,000	\$ -	\$1,750,000	\$ -	\$1,850,000

Description: Design, engineer and construct the replacement of the AC waterline with PVC waterline on South Iowa from Billy Mitchell Blvd to Boca Chica Blvd, including valves, fittings, and services.

Impact of Project:

Project Cost Savings & Revenues: Replacement of undersized infrastructures is expected to reduce system breakdowns and maintenance costs.
Operating Costs: Routine maintenance of waterlines.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 207

Southmost Blvd Waterline Upgrades (14th Street to International Blvd)

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$100,000	\$882,500	\$ -	\$ -	\$982,500

Description: Design, engineer and construct the replacement of the AC waterline with PVC waterline on Southmost Blvd from International Blvd to 14th Street.

Impact of Project:

Project Cost Savings & Revenues: Replacement of undersized infrastructures is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Routine maintenance of waterlines.

PROJECT REFERENCE 208

36-inch Diameter Raw Water Line Replacement at Rotary Park - engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Supply

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$26,753	\$ -	\$ -	\$ -	\$ -	\$26,753

Description: Design and engineer to replace the existing waterline with a new 36-inch diameter raw water line at Rotary Park by Palm Boulevard. Note: \$26,753 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 209

Rotary Park Raw Waterline Upgrade – Construction

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Supply

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$500,000	\$313,796	\$ -	\$ -	\$ -	\$813,796

Description: The existing section of pipe is deteriorated and exhibiting cracks and exposed rebar. Replace a 160 linear foot section of an existing 36-inch pipe used to transport raw water from the reservoir to Water Treatment Plant II.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 210

Martinal Area Water System Loop off of Old Port Isabel Road and FM 802 – engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$22,809	\$ -	\$ -	\$ -	\$ -	\$22,809

Description: Engineer the proposed waterline to close the loop within the water system between the areas of Old Port Isabel Road and Boca Chica Boulevard along FM 802. Note: \$22,809 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 211

2020 CIP Contract No. 4 – engineering and construction

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$81,269	\$ -	\$ -	\$ -	\$ -	\$81,269

Description: Engineer and coordinate the water utility improvements associated with the City of Brownsville Street Paving Reconstruction Projects assigned to 2022 CIP Contract No. 4. The construction contract includes the installation of 1,800 linear feet of 8-inch PVC water line, 1,300 linear feet of 12-inch PVC waterline, 80 linear feet of 8-inch PVC gravity sewer line and 2,530 linear feet of 12-inch PVC gravity sewer line. Note: \$81,269 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 212

City Streets Contract- Portway Place Subdivision

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$191,123	\$ -	\$ -	\$ -	\$ -	\$191,123

Description: The project involves replacement/upgrades of existing water mains, valves, fittings and service connection in coordination with City Street Reconstruction Projects.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 213

Rio Vista, Elston Dr, Avenue A Waterline Improvement

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$212,800	\$ -	\$ -	\$ -	\$212,800

Description: Existing water line is undersized and does not provide adequate fire flow pressure. Upgrade the existing water lines for Rio Vista, Elston Drive and Avenue A.

Impact of Project:

Project Cost Savings & Revenues: Upgrading pipe material to more reliable PVC pipe will minimize pipe breaks or leaks.

Operating Costs: N/A

PROJECT REFERENCE 214

Southmost Blvd Waterline Upgrades (International Blvd to 30th St)

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Load/ Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$120,000	\$ -	\$ -	\$ -	\$ -	\$120,000

Description: This project is for the replacement of AC water line with PVC waterline on Southmost Blvd from International Blvd to 30th Street.

Impact of Project:

Project Cost Savings & Revenues: Replacement of undersized infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 215

New Raw Water River Intake Facility

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Impact Fees
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Supply

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$500,000	\$ -	\$ -	\$ -	\$ -	\$500,000

Description: Existing river intake pumps station (pump No. 1 and No. 2), which are used to convey flow from the Rio Grande River to Water Treatment Plant No. 1 and No. 2, are over 80 years old and are in need of replacement. Design, engineer and construct a new raw water pump station to replace this facility. Note: \$500,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Minimal down time and minimal expenditures on parts and maintenance.

Operating Costs: N/A

PROJECT REFERENCE 216

30th Street Elevated Storage Tank Water Line

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$783,496	\$ -	\$ -	\$ -	\$ -	\$783,496

Description: Install a new transmission water line to the new proposed elevated water storage tank.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 217

18-inch Waterline along Old Hwy 77 and FM 511 to Old Alice Rd

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$202,000	\$202,000	\$ -	\$ -	\$ -	\$404,000

Description: Install approximately 12,698 linear feet of new 18-inch diameter waterline to meet required water system pressures to meet future demand along Old Highway 77 and FM 511 to Old Alice Road.

Impact of Project:

Project Cost Savings & Revenues: The project will provide to new service capabilities for future growth.
Operating Costs: N/A

PROJECT REFERENCE 218

16-inch Waterline at Summer Hill Subdivision

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$400,000	\$ -	\$ -	\$ -	\$400,000

Description: Install approximately 3,725 linear feet of new 16-inch diameter waterline construction at Summer Hill Subdivision to help meet water distribution capacity and pressures during future peak flow demand.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: Normal maintenance expected for the waterline.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 219

16-inch Waterline Upgrade on Boca Chica Blvd from Owens Rd to Iowa Ave

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$300,000	\$ -	\$ -	\$ -	\$300,000

Description: Upgrade the existing 12-inch AC waterline to 16-inch PVC waterline to provide minimum pressure and meet expected demand to the water distribution system on the east side of the City of Brownsville.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: Normal maintenance expected for the waterline.

PROJECT REFERENCE 220

2020 Master Plan

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

Description: Evaluate the existing water distribution system in order to identify operating deficiencies and provide optimization recommendations.

Impact of Project:

Project Cost Savings & Revenues: The Master Plan may potentially identify new areas for additional connections to the water distribution system.

Operating Costs: Normal maintenance expected for the waterlines.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 221

16-inch Waterline Loop from Lago Vista to W. Alton Gloor Blvd

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$400,000	\$1,007,164	\$1,007,164	\$ -	\$ -	\$2,414,328

Description: Design, engineer, and construct a new 16-inch diameter PVC waterline approximately 13,882 linear feet in length on the northwest part of the water distribution system along Lago Vista to West Alton Gloor Boulevard to provide optimum water pressures and services to customers and meet future demand.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 222

Boca Chica Blvd Waterline Upgrade (International Blvd. to Owens Road)

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover and Resubmission

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,000,000	\$ -	\$ -	\$ -	\$ -	\$1,000,000

Description: The existing waterline is undersized for the increased capacity demands. Upgrade the existing 12-inch AC waterline to 16-inch PVC to provide required minimum pressure to the east system.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 223

Waterline Upgrade on Southmost Blvd. from old EST 4 site to Lima St.

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$250,000	\$ -	\$ -	\$ -	\$250,000

Description: Upgrade an existing 12-inch asbestos cement (AC) waterline to a 16-inch and 18-inch diameter polyvinyl chloride (PVC) waterline to meet required water system pressure on Southmost Boulevard from the Elevated Storage Tank (EST) No. 4 site to Lima Street.

Impact of Project:

Project Cost Savings & Revenues: Since deteriorated AC lines typically require more maintenance/repair, there will be less maintenance costs after replacement.

Operating Costs: N/A

PROJECT REFERENCE 224

Waterline Upgrade near WTP No. 1

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$300,000	\$221,000	\$ -	\$ -	\$ -	\$521,000

Description: Upgrade approximately 1,600 linear feet of 12-inch diameter waterline to 30-inch diameter waterline along W. 13th Street from Water Treatment Plant No. 1 to West Saint Charles Street to provide optimum water pressures and services to customers and increase water distribution capacity during future peak flow demand.

Impact of Project:

Project Cost Savings & Revenues: Since deteriorated AC lines typically require more maintenance/repair, there will be less maintenance costs after replacement.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 225

Concrete Steel Cylinder Waterline Upgrade from Boca Chica Blvd. (SH 48) to WTP No. 2

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$750,000	\$ -	\$ -	\$ -	\$900,000

Description: This project upgrades an existing 30-inch diameter concrete steel cylinder (CSC) waterline to 36-inch diameter and 42-inch diameter CSC waterline to meet future required capacity in the eastern part of the water distribution system.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 226

FM 511 Waterline Loop (SH 48 to Boca Chica Blvd)

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

Description: Construct a transmission main along FM 511 to the southeastern part of the City of Brownsville. This main will connect to future BPUB and El Jardin Water Supply Corporation water systems, providing improved water pressure and allowing the system to meet future demand. Note: \$100,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: BPUB will receive revenues from future new service along FM 511 from State Highway 48 to Boca Chica Boulevard.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 227

Martinal Area Waterline System Loop

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$165,000	\$ -	\$ -	\$ -	\$ -	\$165,000

Description: Design, engineer and construct proposed waterlines to close loops within the water system between the areas of Old Port Isabel Road and Boca Chica Boulevard along FM 802. The project will also provide optimum water pressures and services to customers in the area. Note: \$165,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 228

FM 511 24-inch Waterline Loop (SRWA to Old Port Isabel Rd)

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$450,000	\$750,000	\$384,800	\$ -	\$ -	\$1,584,800

Description: This project is a segment of a 24-inch transmission waterline proposed from the SRWA Water Plant to the Port of Brownsville. The project will provide new service capabilities along FM 511 from Paredes Line Road to Dr. Hugh Emerson Road. The project increases the distribution capacity from the SRWA Water Treatment Plant to the northeast side of town in order to serve future water demand.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 229

ARPA Downtown Water & Wastewater Improvement Project 2

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Grants
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$240,452	\$1,984,704	\$ -	\$ -	\$ -	\$2,225,156

Description: The City of Brownsville and the Brownsville Public Utilities Board propose updating the water utility infrastructure in the downtown area of the City. Project 2 proposes rehabilitating and upgrading the water lines in the following areas: 10th Street between Leevee Street and Adams Street, 11th Street between Washington Street and Adams Street, 12th Street between Elizabeth Street and Washington Street, 12th Street between Adams Street and Jefferson Street, and 13th Street between Washington Street and Elizabeth Street. The project is funded from the American Rescue Plan Act.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 230

City Streets Contract – Old Hwy 77 – District 4

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$350,000	\$150,000	\$ -	\$ -	\$ -	\$500,000

Description: Replace the existing waterline along Old Highway 77 from FM 802 to Morrison Road with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 231

City Streets Contract – Wild Rose Lane – District 3-4

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$310,000	\$ -	\$ -	\$ -	\$ -	\$310,000

Description: Replace the existing waterline along Wild Rose Lane from Wild Rose Lane to Honeydale Street with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

PROJECT REFERENCE 232

City Streets Contract – Stage Coach Trail – District 3

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$265,000	\$ -	\$ -	\$ -	\$ -	\$265,000

Description: Replace the existing waterline along Stage Coach Trail from Alton Gloor Blvd to Morrison Road with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 233

City Streets Contract – E. 14th Street – District 1

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,000	\$200,000	\$200,000	\$ -	\$ -	\$500,000

Description: Replace the existing waterline along E. 14th Street from Southmost Road to International Blvd with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

PROJECT REFERENCE 234

City Streets Contract – Coffee Road – District 2 & 3

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,000	\$200,000	\$200,000	\$ -	\$ -	\$500,000

Description: Replace the existing waterline along Coffee Road from FM 802 to Old Port Isabel Road with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 235

City Streets Contract – Old Alice Road – District 3

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$75,000	\$250,000	\$250,000	\$ -	\$ -	\$575,000

Description: Replace the existing waterline along Old Alice Road from FM 802 to US Highway 77 with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

PROJECT REFERENCE 238

Advanced Metering Infrastructure (AMI) - Water

Organization: 6105 Customer & Information Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: General
Originator: Eddy Hernandez
Utility Function: Water Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$5,742,495	\$5,518,592	\$5,420,629	\$ -	\$ -	\$16,681,716

Description: BPUB will optimize meter reading service operational efficiency and water use-efficiency efforts through the procurement and installation of AMI technology. The scope of work for the project includes: materials, supervision, installation, retrofitting and replacing 55,369 water meters, on-going maintenance and customer support service for an AMI system, a customer facing portal and integration to Cayenta billing software.

Impact of Project:

Project Cost Savings & Revenues: Less frequent on-cycle meter reads and disconnect/reconnects will reduce labor and vehicle related costs (vehicle, fuel, insurance, maintenance).

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 240

Carryover Capital Equipment

Organization: 9110 Company-wide Expenses
Project Related to: General
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Company wide
Utility Function: Water Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$744,019	\$ -	\$ -	\$ -	\$ -	\$744,019

Description: This line item is the budget for the carryover capital equipment for the water utility. The budget include purchases of vehicles and other equipment. Note: \$744,019 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 242

Estimated Capital Equipment

Organization: 9110 Company-wide Expenses
Project Related to: Growth
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Water Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$736,290	\$ -	\$ -	\$ -	\$ -	\$736,290

Description: This line item is the approved budget for capital equipment for the water utility. The budget include purchases of vehicles and other equipment.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 243

Estimated Capital Equipment - Resaca

Organization: 9110 Company-wide Expenses
Project Related to: General
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Company wide
Utility Function: Water Administration

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$2,912,385	\$ -	\$ -	\$ -	\$ -	\$2,912,385

Description: This line item is the budget for the carryover capital equipment for the Resaca Maintenance Department. The budget include purchases of vehicles and other equipment. Note: \$2,552,594 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A

PROJECT REFERENCE 248

Lift Station Electrical Upgrades – 10 Lift Stations

Organization: 2210 SCADA & Electrical Support Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Elias Quintero Jr.
Utility Function: Wastewater Administration

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$180,000	\$180,000	\$ -	\$ -	\$ -	\$360,000

Description: After an internal assessment of the wastewater lift stations' electrical system, 10 lift stations were identified that require immediate electrical upgrades to minimize service calls and meet the latest National Fire Protection Association standards for electrical safety. Upgrade the electrical systems of 10 each wastewater lift stations by replacing the existing motor control systems.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 249

Lift Station Electrical Safety Upgrades

Organization: 2210 SCADA & Electrical Support Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Elias Quintero Jr.
Utility Function: Wastewater Administration

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$210,000	\$312,000	\$ -	\$ -	\$672,000

Description: Modify the motor control panels for all wastewater lift stations to provide an arc flash free access to personnel for daily tests and inspections. In addition, purchase and install security lights for all lift stations that do not currently have lighting.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 250

W/WW SCADA Lift Station Integration

Organization: 2210 SCADA & Electrical Support Services
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Elias Quintero Jr.
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$80,000	\$152,000	\$116,000	\$ -	\$ -	\$348,000

Description: The scope of work involves integrating 15 total wastewater lift stations into the existing SCADA System, allowing personnel the ability to monitor the station remotely and be able to respond to process conditions in preventive rather than reactive mode.

Impact of Project:

Project Cost Savings & Revenues: Integration will identify trouble conditions in the Lift Stations without having to have someone physically inspect the station. Any trip that is avoided to any particular lift station will save in labor and transportation costs.

Operating Costs: Costs for routine for maintenance will continue for the life of the equipment, which has an average useful life of 5 to 8 years.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 253

Wastewater New Connections and New Subdivisions

Organization: 3150 W/WW Operations & Construction
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Armando Garcia
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$580,493	\$450,000	\$450,000	\$450,000	\$450,000	\$2,380,493

Description: This project accounts for BPUB costs to implement wastewater new connections to future customers requesting service. Note: \$130,493 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Work effort adds additional connections to the system.
Operating Costs: N/A

PROJECT REFERENCE 256

SWWTP Improvements - Influent Channel – engineering (Packet 5) and construction Board-approved on 10/29/20

Organization: 3210 South Wastewater Treatment Plant
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Louis Bennett Jr
Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$36,651	\$ -	\$ -	\$ -	\$ -	\$36,651

Description: Design and engineer the specifications for and rehabilitate the influent channel. Note: \$36,651 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 257

SWWTP Improvements – Digester Tank Replacement – engineering (Packet 5) and construction Board-approved on 10/29/20

Organization: 3210 South Wastewater Treatment Plant	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Louis Bennett Jr
Category: Carryover	Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$270,498	\$ -	\$ -	\$ -	\$ -	\$270,498

Description: Design and engineer the specifications for and replace the digester tank. Note: \$270,498 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 258

SWWTP Improvements Aeration Basin No. 3 – engineering (Packet 5) and construction Board-approved on 10/29/2020

Organization: 3210 South Wastewater Treatment Plant	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Louis Bennett Jr
Category: Carryover	Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$88,609	\$ -	\$ -	\$ -	\$ -	\$88,609

Description: Design and engineer the specifications for and rehabilitate the Aeration Basin No. 3, including the replacement of four each 12-inch and 12 each 8-inch stainless steel manual air control butterfly valves. Note: \$88,609 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 259

Belt Filter Press – engineering (Packet 4)

Organization: 3210 South Wastewater Treatment Plant Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
Project Occurrence: One-time Originator: Louis Bennett Jr
Category: Carryover Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$23,277	\$ -	\$ -	\$ -	\$ -	\$23,277

Description: Engineer the design and specifications for the rehabilitation of the existing belt filter press by purchasing and installing a new belt filter press to meet TCEQ requirements. Note: \$23,277 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 260

Non-Potable Water Pump and Motor No. 1 – engineering (Packet 4)

Organization: 3210 South Wastewater Treatment Plant Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
Project Occurrence: One-time Originator: Louis Bennett Jr
Category: Carryover Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$24,883	\$ -	\$ -	\$ -	\$ -	\$24,883

Description: Engineer the design and specifications for the rehabilitation and upgrade of the non-potable water pump and motor no. 1. Note: \$24,833 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

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ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 261

*SWWTP Improvements - Headworks Grit System Upgrade and Retrofit – engineering and construction
Board-approved on 10/29/2020*

Organization: 3210 South Wastewater Treatment Plant	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Louis Bennett Jr
Category: Carryover	Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$572,338	\$ -	\$ -	\$ -	\$ -	\$572,338

Description: The headworks grit system is outdated and exceeded its life expectancy, impacting the grit/sedimentation removal capabilities. Design, engineer and replace the existing outdated grit system to a more efficient grit removal system. Note: \$572,338 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Upgrading the grit removal system will improve efficiency, allowing the treatment plant process to respond with better treatment capabilities, resulting in lower costs for treatment per million gallons processed.

Operating Costs: N/A.

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FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 262

Chlorine Contact Chamber Sluice Gate Replacement Project – engineering and construction

Organization: 3210 South Wastewater Treatment Plant

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Louis Bennett Jr

Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$359,182	\$61,932	\$ -	\$ -	\$ -	\$421,114

Description: Replace four sluice gates at the Chlorine Contact Chamber Station area. Existing gates were installed behind the wall; and the head pressure is pushing against the sluice gates, making it difficult to open and close. Sluice gate shafts are warped, and gates remain leaking when closed.

Design, engineer and install new sluice gates with new valve actuators and back-up batteries. Note: \$52,189 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: New replacement sluice gates and actuators will improve chlorine contact changer station efficiency, allowing the treatment plant process to respond with better treatment capabilities, resulting in lower cost for treatment per million gallons processed.

Operating Costs: Annual preventative maintenance and lubrication, as recommended by the manufacturer.

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FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 265

Turbo Blower Upgrades – Phase I (Packet 3) engineering

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
Project Occurrence: One-time Originator: Louis Bennett Jr
Category: Carryover Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$193,290	\$ -	\$ -	\$ -	\$ -	\$193,290

Description: The current turbo blower system was installed in 2012. Each blower houses a VFD and motor that generates excessive heat during operation. At the same time, the existing turbo blowers building has inadequate air flow, impacting the turbo blowers' performance due to the high temperatures. Engineer the replacement and upgrade of the existing aerobic digester blower system with multi-stage centrifugal blowers. Note: \$193,290 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

PROJECT REFERENCE 266

Turbo Blower Upgrades Phase I (Packet 3) – construction

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
Project Occurrence: One-time Originator: Louis Bennett Jr
Category: Carryover Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$3,000,00	\$1,015,938	\$ -	\$ -	\$ -	\$4,015,938

Description: Remove and upgrade of the existing aerobic digester blower system with multi-stage centrifugal blowers.

Impact of Project:

Project Cost Savings & Revenues: The proposed new aerobic digester blowers will improve efficiency allowing the treatment plant process to respond with better treatment capabilities, resulting in a lower cost for treatment per million gallons processed.

Operating Costs: Annual preventative maintenance and lubrication, as recommended by the manufacturer.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 267

Non-Potable Water System Upgrade (Packet 4) – engineering

Organization: 3220 Robindale Wastewater Treatment Plant	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Louis Bennett Jr
Category: Carryover	Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$29,349	\$ -	\$ -	\$ -	\$ -	\$29,349

Description: The existing non-potable water system is over 25 years old. Design and engineer the rehabilitation of the existing hydro pneumatic tank and air compressor system and the replacement of the non-potable pumps and distribution lines throughout the plant. Note: \$29,349 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Proper operation of non-potable water system will significantly cut down the use and increase savings in water consumption cost.

Operating Costs: N/A.

PROJECT REFERENCE 268

Three (3) New 25 Yard Bio-Solids Metal Roll-off Bins

Organization: 3220 Robindale Wastewater Treatment Plant	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Louis Bennett Jr
Category: Resubmission	Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$38,934	\$ -	\$ -	\$ -	\$ -	\$38,934

Description: The existing roll-off bins transport dewatered bio-solids from the treatment plant to the Dedicated Land Disposal site. The existing bins have been in use since 2017. The metal bins are exposed to the harsh environment and corrosive material, which promotes rust issues that are the main cause of repairs. The bins have constantly undergone multiple repairs regarding partial metal restoration, wheel replacement, walls and floors lining reinforcement and painting. Purchase to replace 3 existing units.

Impact of Project:

Project Cost Savings & Revenues: Repair costs will be minimized during the first 2 or 3 years of use.

Operating Costs: Costs for routine for maintenance will continue for the life of the equipment.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 269

Turbo Blower Upgrades Phase II (Packet 3) – construction

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
Project Occurrence: One-time Originator: Louis Bennett Jr
Category: New Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$375,000	\$607,520	\$ -	\$ -	\$982,520

Description: The current turbo blower system, placed in service during 2012, houses a VFD and motor that generates excessive heat during operation. Remove and upgrade of the existing aerobic digester blower system with multi-stage centrifugal blowers.

Impact of Project:

Project Cost Savings & Revenues: The proposed new aerobic digester blowers will improve efficiency allowing the treatment plant process to respond with better treatment capabilities, resulting in a lower cost for treatment per million gallons processed.

Operating Costs: Annual preventative maintenance and lubrication, as recommended by the manufacturer.

PROJECT REFERENCE 270

Rehabilitation of Vacuum Truck Unloading Station - engineering

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
Project Occurrence: One-time Originator: Louis Bennett Jr
Category: Carryover Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$553,916	\$ -	\$ -	\$ -	\$ -	\$553,916

Description: The existing vacuum truck unloading station has limited capacity and needs dewatering improvements. Retrofit the station to allow vacuum trucks to unload properly onto the station without over spilling sewage onto the concrete drive. Note: \$42,973 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Reduce man hours used for cleaning over spills at the existing station.

Operating Costs: Costs for routine maintenance and lubrication will continue, as recommended by the manufacturer.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 271

Four Torque Valve Actuators for the Train Inlet Isolation Valves – engineering

Organization: 3220 Robindale Wastewater Treatment Plant
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Reliability
Originator: Louis Bennett Jr
Utility Function: Wastewater Treatment

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$22,951	\$ -	\$ -	\$ -	\$ -	\$22,951

Description: The project consists design and engineering to retrofit four electrical actuating valves and flow transmitter to the existing 36-inch gate valves located between the biological trains. Note: \$22,951 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Valve actuators replacement will result in time savings, allowing staff to increase productivity.

Operating Costs: Costs for routine maintenance and lubrication will continue, as recommended by the manufacturer.

PROJECT REFERENCE 274

Lift Station Systemwide Fence Replacements

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Administration

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

Description: The Wastewater Lift Stations Department personnel identified various lift stations that need fence replacements. Purchase and install new fencing to replace existing fencing at lift stations throughout the City of Brownsville.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 275

Lift Station No. 9 Pump Rehabilitation – engineering (Packet No. 1) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover and Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$800,000	\$1,231,400	\$ -	\$ -	\$ -	\$2,031,400

Description: Existing pumps are at the end of life cycle and unreliable. New pumps will be submersible and non-clog. Also, rehabilitate Lift Station No. 9 by replacing the pump and corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 276

Lift Station No. 10 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$500,000	\$131,922	\$ -	\$ -	\$ -	\$631,922

Description: Rehabilitate Lift Station No. 10 by replacing the wet well, corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$31,922 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 277

Lift Station No. 11 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$400,000	\$131,922	\$ -	\$ -	\$ -	\$531,922

Description: Rehabilitate Lift Station No. 11 by replacing the wet well, corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 278

Lift Station No. 12 Rehabilitation

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$800,000	\$ -	\$ -	\$800,000

Description: Lift station is beyond its service life. Its structural, mechanical, and electronic condition has deteriorated and has made the lift station unsafe, unreliable, and inefficient. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 279

Lift Station No. 13 Reconstruction

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover and Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$ -	\$700,000	\$ -	\$700,000

Description: Lift station is beyond its service life. Its structural, mechanical, and electronic condition has deteriorated and has made the lift station unsafe, unreliable, and inefficient. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.
Operating Costs: N/A.

PROJECT REFERENCE 280

Lift Station No. 15 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,000,000	\$927,072	\$ -	\$ -	\$ -	\$1,927,072

Description: Lift station is beyond its service life. Its structural, mechanical, and electronic condition has deteriorated and has made the lift station unsafe, unreliable, and inefficient. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations. Note: \$1,961,883 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: With less hydrogen sulfide gas generation, there will be less odor control necessary, thereby generating savings in that area.
Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 281

Lift Station No. 17 Rehabilitation – engineering (Packet 1) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$5,291	\$1,741,580	\$ -	\$ -	\$ -	\$1,746,871

Description: Lift station is beyond its service life. Its structural, mechanical, and electronic condition has deteriorated and has made the lift station unsafe, unreliable, and inefficient. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements, such as a new perimeter fence and entrance driveway, to bring the lift station into compliance with current specifications and regulations. Note: \$5,291 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 282

Lift Station No. 28 Rehabilitation – engineering (Packet 1) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$28,939	\$752,070	\$ -	\$ -	\$ -	\$781,009

Description: Rehabilitate the lift station, including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway. Note: \$28,939 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 283

Lift Station No. 43 Rehabilitation – engineering (Packet 1) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$429,808	\$ -	\$ -	\$ -	\$ -	\$429,808

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$429,808 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 284

Lift Station No. 44 Rehabilitation – engineering and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$622,912	\$ -	\$ -	\$ -	\$ -	\$622,912

Description: Lift station is beyond its service life. Its structural, mechanical, and electrical condition has deteriorated and made the lift station unsafe, unreliable, and inefficient. The discharge piping, pump base ells, and valves have corroded. Concrete structures such as its wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations. Note: \$622,912 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 285

Lift Station No. 47 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$693,203	\$ -	\$ -	\$ -	\$ -	\$693,203

Description: Lift station is beyond its service life. Its structural, mechanical, and electrical condition has deteriorated and made the lift station unsafe, unreliable, and inefficient. The discharge piping, pump base ells, and valves have corroded. Concrete structures such as its wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations. Note: \$693,203 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 286

Lift Station No. 51 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$258,000	\$ -	\$ -	\$ -	\$ -	\$258,000

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$33,286 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 287

Lift Station No. 53 Rehabilitation

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$ -	\$695,000	\$ -	\$695,000

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 288

Lift Station No. 58 Rehabilitation – engineering (Packet 1) and construction

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$31,922	\$702,515	\$ -	\$ -	\$ -	\$734,437

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$31,922 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 289

Lift Station No. 63 Force Main

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$800,000	\$800,000	\$ -	\$ -	\$1,600,000

Description: Design, engineer and replace/upgrade the existing force main from lift station no. 63 to the Robindale Wastewater Treatment Plant to a 36-inch diameter force main.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will increase the capacity of the wastewater flows in this area of the City of Brownsville.

Operating Costs: N/A.

PROJECT REFERENCE 290

Lift Station No. 63 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$768,421	\$1,000,000	\$ -	\$ -	\$ -	\$1,768,421

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Also, replace the motor control center (MCC) building and electrical pump control. Land acquisition is necessary to relocate MCC building away from existing wet well to prevent hydrogen sulfide from entering the building.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 291

Lift Station No. 65 A Pump Replacement

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$62,000	\$ -	\$ -	\$ -	\$ -	\$62,000

Description: Replace the existing pump with a new submersible wastewater non-clog pump. Note: \$62,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 292

Lift Station No. 65 B Pump Replacement

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$64,000	\$ -	\$ -	\$ -	\$ -	\$64,000

Description: Replace the existing pump with a new submersible wastewater non-clog pump. Note: \$64,000 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 293

Lift Station No. 67 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$386,601	\$ -	\$ -	\$ -	\$ -	\$386,601

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$386,601 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 294

Lift Station No. 68 Rehabilitation – engineering and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$6,939	\$75,000	\$600,000	\$ -	\$ -	\$681,939

Description: Lift station is beyond its service life. Lift station's discharge piping, pump base ells, and valves have corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations. Note: \$6,939 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 295

Lift Station No. 69 Rehabilitation – engineering and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$18,347	\$75,000	\$600,000	\$ -	\$ -	\$693,347

Description: Lift station is beyond its service life. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations. Note: \$18,347 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 296

Lift Station No. 72 Rehabilitation – engineering (Packet No. 1) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover and Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$806,778	\$781,899	\$ -	\$ -	\$ -	\$1,588,687

Description: Lift station is beyond its service life. Its structural, mechanical, and electrical condition has deteriorated and has made the lift station unsafe, unreliable, and inefficient. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements, such as perimeter fence and entrance driveway, to bring the lift station into compliance with current specifications and regulations. Note: \$24,889 is the FY 2022 carryover amount

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 297

Lift Station No. 77 Rehabilitation

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$695,000	\$ -	\$ -	\$695,000

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 298

Lift Station No. 80 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$292,149	\$ -	\$ -	\$ -	\$ -	\$292,149

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$31,083 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 299

Lift Station No. 82 Rehabilitation

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$695,000	\$ -	\$ -	\$ -	\$695,000

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 300

Lift Station No. 85 Rehabilitation

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$ -	\$695,000	\$ -	\$695,000

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 301

Lift Station No. 89 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$28,939	\$ -	\$748,545	\$ -	\$ -	\$777,484

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$28,939 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 302

Lift Station No. 95 Rehabilitation – engineering (Packet 1) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover and Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$28,939	\$800,000	\$800,037	\$ -	\$ -	\$1,628,976

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$28,939 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 303

Lift Station No. 96 Rehabilitation – engineering (Packet 1) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover and Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$28,939	\$ -	\$ -	\$398,318	\$ -	\$427,257

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$28,939 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 304

Lift Station No. 99 Rehabilitation – engineering (Packet 1) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$28,939	\$550,000	\$203,829	\$ -	\$ -	\$782,768

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$28,939 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 305

Lift Station No. 101 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$36,264	\$300,000	\$ -	\$ -	\$ -	\$336,264

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$41,174 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 306

Lift Station No. 102 Rehabilitation

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$ -	\$500,000	\$ -	\$500,000

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 307

Lift Station No. 103 Decommission and Wastewater Line Installation

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$ -	\$500,000	\$ -	\$500,000

Description: Decommission the lift station through installation of required sanitary sewer main and complete removal, demolition, and proper abandonment of lift station's structures.

Impact of Project:

Project Cost Savings & Revenues: After the lift station is decommissioned, there will not be any components to repair or maintain other than the regular maintenance of the gravity sewer system.

Operating Costs: N/A.

PROJECT REFERENCE 308

Lift Station No. 105 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover and Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$335,837	\$ -	\$ -	\$ -	\$ -	\$335,837

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$335,837 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 309

Lift Station No. 106 Rehabilitation – engineering (Packet 2) and construction

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$700,000	\$438,101	\$ -	\$ -	\$ -	\$1,138,101

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 310

Lift Station No. 113 Rehabilitation

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$ -	\$ -	\$300,000	\$ -	\$300,000

Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 311

Lift Station No. 140 Rehabilitation – engineering (Packet 1) and construction

Organization: 3230 Wastewater Lift Stations
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Load/Capacity Relief
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$633,370	\$ -	\$ -	\$ -	\$ -	\$633,370

Description: Upgrade Lift Station No. 140's capacity to accommodate projected wastewater demand by replacing the wet well, mechanical components and electrical components. Note: \$633,370 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

PROJECT REFERENCE 312

Lift Station No. 159 MCC Building Replacement

Organization: 3230 Wastewater Lift Stations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Hector Herrera Jr
Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$300,000	\$450,000	\$ -	\$ -	\$750,000

Description: Replace and relocate existing motor control center (MCC) building, including all electrical gear, removal of existing MCC building and disposal of outdated electrical gear.

Impact of Project:

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 313

South to North Wastewater Reroutes – Lift Station No. 4 Force Main

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Load/Capacity Relief

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$100,000	\$575,000	\$690,000	\$ -	\$1,365,000

Description: Wastewater flows toward the south system; and there is no infrastructure to transfer these flows to the north system. Lift Station No. 4 force main installation will reroute flows to the north system.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 314

South to North Wastewater Reroutes – Lift Station No. 20, 22 and 27 Valve Reconfigurations

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Load/Capacity Relief

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$312,000	\$ -	\$ -	\$ -	\$312,000

Description: Wastewater flows toward the south system; and there is no infrastructure to transfer them to the north system. Lift Station No. 20, 22 and 27's valve reconfigurations will reroute flows to the north system.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 317

Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Wastewater Utility Improvements - Engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$32,528	\$ -	\$ -	\$ -	\$ -	\$32,528

Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Note: \$27,043 is the FY 2022 carryover amount from the Improvement Fund.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

PROJECT REFERENCE 318

Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Wastewater Utility Improvements

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$500,000	\$482,000	\$ -	\$ -	\$ -	\$982,000

Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Note: \$37,197 is the FY 2022 carryover amount from the Improvement Fund.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 319

Calvin Street Wastewater Utility Improvements

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$11,967	\$ -	\$ -	\$ -	\$ -	\$11,967

Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Note: \$11,967 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

PROJECT REFERENCE 320

Portway Place Subdivision Wastewater Utility Improvements

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$206,198	\$ -	\$ -	\$ -	\$ -	\$206,198

Description: The project involves replacement of gravity sanitary sewer collection system with PVC pipe, fiberglass manholes and service laterals in coordination with City Street Reconstruction Projects. Note: \$205,643 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 321

COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Wastewater Utility Improvements

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$798,323	\$ -	\$ -	\$ -	\$ -	\$798,323

Description: The project involves replacement of gravity sanitary sewer collections system with PVC pipe, fiberglass manholes and service laterals in coordination with City Street Reconstruction Projects. Note: \$280,760 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

PROJECT REFERENCE 322

South Indiana FM 511 Utility Adjustments

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$114,114	\$ -	\$ -	\$ -	\$ -	\$114,114

Description: The project involves the removal, replacement and adjustment of two existing wastewater force mains (6-inch and 8-inch diameter) within a proposed TXDOT bridge expansion project on South Indiana Avenue (FM 511). Note: \$114,114 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 323

FM 802 Ruben Torres TXDOT Project

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$5,312	\$ -	\$ -	\$ -	\$ -	\$5,312

Description: Install 16 linear feet of 8-inch diameter to divert flows from the existing 8-inch main to the existing 12-inch main. Note: \$5,312 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

PROJECT REFERENCE 324

Palm Village Utility Improvements – engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$57,793	\$ -	\$ -	\$ -	\$ -	\$57,793

Description: Design and engineering of proposed utility improvements at the Palm Village Plaza between Palm Boulevard and Old Alice Road. The project involves the replacement of the gravity sewer collection system with PVC pipe, fiberglass manholes and service laterals. Note: \$57,793 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 325

Rentfro Blvd Utility Improvements – engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$42,457	\$ -	\$ -	\$ -	\$ -	\$42,457

Description: Design and engineer the proposed utility improvements at Rentfro Boulevard between Eastern Boulevard and Shidler Drive. The project involves the replacement of the gravity sewer collection system with PVC pipe, fiberglass manholes and service laterals. Note: \$42,457 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 326

Los Ebanos Blvd Utility Improvements (between East Drive and Honeydale Road) – engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$53,814	\$ -	\$ -	\$ -	\$ -	\$53,814

Description: Design and engineer the proposed utility improvements at Los Ebanos Boulevard between East Drive and Honeydale Road. Note: \$53,814 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 327

North Regional Lift Stations and Force Main System - Phase 1

Organization: 3230 Wastewater Lift Stations

Project Related to: Growth

Project Occurrence: One-time

Category: Carryover

Funding Source: Impact Fees

Project Considered: Load/Capacity Relief

Originator: Marie C. Leal

Utility Function: Wastewater Pumping

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$800,000	\$800,000	\$323,875	\$ -	\$ -	\$1,923,875

Description: Wastewater flow from BPUB's northwest service areas is currently bottlenecked through a series of force mains and lift stations along major arterials that serve other areas and were not designed/sized to serve the northwest. These force mains and lift stations are overloaded and cannot accommodate any more flow from additional growth. Design and engineer the improvements needed to provide load/capacity relief for the areas serving the northwest side of the City.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 328

Old Port Isabel Road 20-inch diameter force main replacement

Organization: 3310 Water & Wastewater Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Marie C. Leal

Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$4,328	\$ -	\$ -	\$ -	\$ -	\$4,328

Description: The existing 20-inch diameter force main along Old Port Isabel Road is composed of asbestos cement pipe and is experiencing pipe breaks due to increasing pressure flows on the pipe. Design and engineer the replacement of the 20-inch diameter force main on Old Port Isabel Road between Price Road and Ruben Torres Blvd. Note: \$4,328 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 329

2020 CIP Contract No. 4 – engineering and construction

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$107,283	\$ -	\$ -	\$ -	\$ -	\$107,283

Description: Engineer and coordinate the wastewater utility improvements associated with the City of Brownsville Street Paving Reconstruction Projects assigned to 2020 CIP Contract No. 4. Note: \$107,283 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 330

E 15th Street Utility Improvements

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Water Transmission & Distribution

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$167,423	\$ -	\$ -	\$ -	\$ -	\$167,423

Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Note: \$167,423 is the FY 2023 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and O&M costs.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 331

South Colonias Project Design

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$126,010	\$ -	\$ -	\$ -	\$ -	\$126,010

Description: This project is for the design of the wastewater collections systems of first-time sewer services to various colonias in the south areas of Brownsville. Note: \$964 is the FY 2023 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 350

South Colonias Project – design and engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$210,000	\$ -	\$ -	\$ -	\$ -	\$210,000

Description: This project is for the design and engineering for the construction and addition of first-time sewer services to various colonias in the south areas of Brownsville. Note: \$210,000 is the FY 2023 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 333

North Colonias Project Design

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Carryover

Funding Source: Impact Fees
Project Considered: Reliability
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$60,123	\$ -	\$ -	\$ -	\$ -	\$60,123

Description: This project is for the design of the wastewater collections systems of first-time sewer services to various colonias in the north areas of Brownsville. Note: \$16,162 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 334

North Colonias Project – design and engineering

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Impact Fees
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$300,000	\$300,000	\$ -	\$ -	\$ -	\$600,000

Description: This project is design and engineering for the construction and addition of first-time sewer services to various colonias in the north areas of Brownsville.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 335

Sewer Replacements related to the City Street Paving and Drainage Improvement Projects

Organization: 3310 Water & Wastewater Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: General

Originator: Marie C. Leal

Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$300,000	\$114,132	\$ -	\$ -	\$ -	\$414,132

Description: R The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to the City Street Reconstruction Five-Year Plan.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and O&M costs.

Operating Costs: N/A.

PROJECT REFERENCE 336

Estimated miscellaneous carryover project amount

Organization: 3310 Water & Wastewater Engineering

Project Related to: Replacement/Upgrade/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Marie C. Leal

Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$136,068	\$ -	\$ -	\$ -	\$ -	\$136,068

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2022. Projects include the purchase and installation of 4 each blower replacements at the South Wastewater Treatment Plant and the installation of structures at the wastewater treatment plants and other wastewater utility improvements. Note: \$136,068 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 337

Lift Station No. 111 Odor Control Filter

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$153,575	\$153,575	\$ -	\$ -	\$ -	\$307,150

Description: The current lift station does not have any odor control system in place. Provide vapor phase odor control biotrickling filters at Lift Station No. 111.

Impact of Project:

Project Cost Savings & Revenues: N/A.
Operating Costs: N/A.

PROJECT REFERENCE 338

Sanitary Sewer Siphon at Rentfro Blvd

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Load/Capacity Relief
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$42,457	\$ -	\$ -	\$ -	\$42,457

Description: Install a sanitary sewer siphon under an existing storm sewer culvert to eliminate sanitary sewer overflows on Rentfro Blvd. and Scott Street.

Impact of Project:

Project Cost Savings & Revenues: eplacement of degraded infrastructure is expected to reduce system breakdowns and O&M costs.
Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 339

2020 Master Plan

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

Description: Evaluate the existing sanitary sewer collection system in order to identify operating deficiencies and provide optimization recommendations.

Impact of Project:

Project Cost Savings & Revenues: The Master Plan may potentially identify new areas for additional connections to the sanitary sewer collection system, providing more reliable infrastructure.

Operating Costs: Normal maintenance expected for the waterlines.

PROJECT REFERENCE 340

ARPA Downtown Water & Wastewater Improvement Project 1

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Grants
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$784,300	\$6,471,480	\$ -	\$ -	\$ -	\$7,255,780

Description: The City of Brownsville and the Brownsville Public Utilities Board propose updating the wastewater utility infrastructure in the downtown area of the City. Project 2 proposes rehabilitating and upgrading the wastewater lines in the following areas: the alleyways along E. Levee Street and E. Saint Francis Street, E. 11th Street, alleyway along E. Elizabeth Street and E. Levee Street, and 10th Street between Levee Street and Elizabeth Street. The project is funded from the American Rescue Plan Act.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 341

ARPA Downtown Water & Wastewater Improvement Project 2

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Grants
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$701,148	\$5,787,300	\$ -	\$ -	\$ -	\$6,488,448

Description: The City of Brownsville and the Brownsville Public Utilities Board propose updating the wastewater utility infrastructure in the downtown area of the City. Project 2 proposes rehabilitating and upgrading the wastewater lines in the following areas: 10th Street between Leevee Street and Adams Street, 11th Street between Washington Street and Adams Street, 12th Street between Elizabeth Street and Washington Street, 12th Street between Adams Street and Jefferson Street, and 13th Street between Washington Street and Elizabeth Street. The project is funded from the American Rescue Plan Act.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

PROJECT REFERENCE 342

City Streets Contract – Old Hwy 77 – District 4

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$260,000	\$200,000	\$ -	\$ -	\$ -	\$460,000

Description: Replace the existing gravity sewer collection system along Old Highway 77 from FM 802 to Morrison Road with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 343

City Streets Contract – Wild Rose Lane – District 3-4

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$290,000	\$ -	\$ -	\$ -	\$ -	\$290,000

Description: Replace the existing gravity sewer collection system along Wild Rose Lane from Wild Rose Lane to Honeydale Street with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

PROJECT REFERENCE 344

City Streets Contract – Stage Coach Trail – District 3

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$340,000	\$ -	\$ -	\$ -	\$ -	\$340,000

Description: Replace the existing gravity sewer collection along Stage Coach Trail from Alton Gloor Blvd to Morrison Road with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 345

City Streets Contract – E. 14th Street – District 1

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,000	\$240,000	\$200,000	\$ -	\$ -	\$540,000

Description: Replace the existing gravity sewer collection along E. 14th Street from Southmost Road to International Blvd with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

PROJECT REFERENCE 346

City Streets Contract – Coffee Road – District 2 & 3

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$100,000	\$300,000	\$210,000	\$ -	\$ -	\$610,000

Description: Replace the existing gravity sewer collection along Coffee Road from FM 802 to Old Port Isabel Road with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 347

City Streets Contract – Old Alice Road – District 3

Organization: 3310 Water & Wastewater Engineering
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie C. Leal
Utility Function: Wastewater Collection

Estimated Project Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$75,000	\$350,000	\$250,000	\$ -	\$ -	\$675,000

Description: Replace the existing gravity sewer collection along Old Alice Road from FM 802 to US Highway 77 with PVC pipe, fiberglass and service laterals in coordination with the City Street Reconstruction Project.

Impact of Project:

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

PROJECT REFERENCE 350

Carryover Capital Equipment

Organization: 9110 Company-wide Expenses
Project Related to: General
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Company Wide
Utility Function: Wastewater Administration

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$1,128,103	\$ -	\$ -	\$ -	\$ -	\$1,128,103

Description: This line item is the budget for the carryover capital equipment. These items include purchases of a vehicle and other equipment. Note: \$1,128,103 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 351

Estimated Capital Equipment

Organization: 9110 Company-wide Expenses
Project Related to: General
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Company Wide
Utility Function: Wastewater Administration

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$862,782	\$ -	\$ -	\$ -	\$ -	\$862,782

Description: This line item is the budget for the estimated capital equipment. These items include purchases of vehicles and other equipment.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 356

Administration Bldg Remodel

Organization: 4105 Facilities Projects Operations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie Leal
Utility Function: Facilities

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$4,787,412	\$1,781,956	\$ -	\$ -	\$ -	\$6,569,368

Description: Design and remodel the existing Administration Building.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2023 – FY 2027

PROJECT REFERENCE 357

Annex Administration Building – construction services, as Board approved on 10/29/20

Organization: 4105 Facilities Projects Operations
Project Related to: Growth
Project Occurrence: One-time
Category: Amendment

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie Leal
Utility Function: Facilities

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$229,387	\$ -	\$ -	\$ -	\$ -	\$229,387

Description: Construct a new Annex Administration Building off of Robinhood Drive.

Note: \$229,387 is the FY 2022 carryover amount.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

PROJECT REFERENCE 358

Administration Bldg Remodel - furniture, fixtures and other equipment

Organization: 4105 Facilities Projects Operations
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie Leal
Utility Function: Facilities

Estimated Costs by Fiscal Year

FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
\$ -	\$800,000	\$ -	\$ -	\$ -	\$800,000

Description: Purchase and install furniture, fixtures and other equipment for the remodeled Administration Building.

Impact of Project:

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400)

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
ELECTRIC PROJECTS				
DEPARTMENT 2120 - SUBSTATIONS AND RELAYING				
3	Airport Substation, Transformer No. 1 Upgrade, 69 KV to 138 KV	1,300,000	5,500,000	6,800,000
4	Replace Control Building Roof for Midtown, Military Hwy, and Price Rd Substations	80,000	20,000	100,000
5	acSELerator Team SEL-5045 Software Implementation	150,000	250,000	400,000
6	Battery Bank Replacement at Midtown, 6th Street and South Plant Substations	80,000	20,000	100,000
7	Replace High and Low Side Bushings for Two Power Plant Auto-Transformers	125,000	125,000	250,000
8	Remove (and Replace) Corrosive Oil from Seven Power Transformers	250,000	750,000	1,000,000
Total for Dept. 2120		1,985,000	6,665,000	8,650,000
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT SERVICES				
14	Substation and Control Centers Video Camera Upgrade	350,000	-	350,000
15	Open Systems International (OSI) Chronus Historian	182,120	-	182,120
Total for Dept. 2210		532,120	-	532,120
DEPARTMENT 2410 - ELECTRIC ENGINEERING				
19	Estimated miscellaneous carryover project amount - Electric Distribution	637,010	-	637,010
20	Estimated miscellaneous carryover project amount - Electric Transmission	22,489	-	22,489
21	New Connections	917,725	2,984,800	3,902,525
22	New Subdivisions	1,523,681	5,200,000	6,723,681
23	Security Light Installation	167,231	600,000	767,231
24	Trouble Calls & Service Increases	2,156,944	8,800,000	10,956,944
25	Street Light Installations	129,379	440,000	569,379
26	Boca Chica Fiber Installation (Phase 3) between Padre Island Hwy and FM 511	87,500	-	87,500
27	Design Services for Electric Distribution and Transmission System (MNS)	120,000	-	120,000
28	Relay and other upgrades at Price Rd, Waterport and Loma Alta Substations to accommodate the Sharyland Utilities Switching Station	144,329	-	144,329
29	Port of Brownsville Cross Arms Replacement	70,718	-	70,718

continued

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
30	Billy Mitchell Blvd Street Lights Upgrade	618,171	-	618,171
31	Distribution Management System (DMS) Implementation Project	25,056	-	25,056
32	Purchase and Install a Second Power Transformer at the Palo Alto Substation	297,088	1,702,912	2,000,000
33	Extension of Electric Service to the City of Brownsville and Department of Public Safety Joint Tactical Training Center	86,704	-	86,704
34	SRWA Water Wells Generators Project (Well No. 9, 10 and 17)	54,034	-	54,034
35	Water & Wastewater Treatment Plant Backup Power Improvements	150,080	-	150,080
36	Loma Alta Switching and Distribution Substation Upgrades to Accommodate the New Sharyland Utilities Switching Station	304,600	-	304,600
37	Install Electrical Conductor and Conduit at Isla de Palmas Subdivision Section I, II, III, IV and V	168,000	-	168,000
38	Install Electrical Conductor and Conduit at Timbers Subdivision Section I, II and III	89,600	-	89,600
39	Capacitor Bank and Controller Installations	-	250,000	250,000
40	Install a Second Power Transformer at the Water Port Substation	375,000	1,375,000	1,750,000
41	Recloser Controls on Substation Feeders	75,000	175,000	250,000
42	Overhead Insulated Wire Installation	27,500	55,000	82,500
43	Extend Feeder from Titan Substation to Stagecoach Road	250,000	-	250,000
44	OH Conductor Upgrades According to Long Range Plan Projects	100,580	150,520	251,100
45	Union Carbide 69 kV to 138 kV Conversion and Transmission Line Work (Feasibility Study Only)	-	300,000	300,000
46	South Plant Substation Feeder to serve developments	166,200	277,000	443,200
Total for Dept. 2410		8,764,619	22,310,232	31,074,851
DEPARTMENT 6105 - CUSTOMER & INFORMATION SERVICES				
53	Advanced Metering Infrastructure (AMI) - electric	4,789,610	9,888,003	14,677,613
Total for Dept. 6105		4,789,610	9,888,003	14,677,613

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
DEPARTMENT 7135 - GEOGRAPHIC INFORMATION SYSTEMS				
56	Asset Management Strategic Plan Analysis Project	150,000	-	150,000
57	Comprehensive GIS Field Survey and Verification	-	1,200,000	1,200,000
	Total for Dept. 7135	150,000	1,200,000	1,350,000
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	ELECTRIC TRANS. & DIST. PROJECT TOTAL:	16,221,349	40,063,235	56,284,584
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DEPARTMENT 2220 - POWER PRODUCTION				
62	Unit 10 Chiller Cooling Tower Replacement	1,015,500	125,000	1,140,500
63	Unit 6 Improvements, HRSG Economizer Panel Replacement and Generator Gas Analyzer Replacement	1,435,368	-	1,435,368
64	Unit 10 Ovation Control Upgrade	435,500	435,500	871,000
65	DCS Ovation Control System and Windows 10 Upgrade	369,975	1,479,902	1,849,877
66	Silas Ray Building Infrastructure - Perimeter Security	50,000	-	50,000
67	Silas Ray Security Improvements - Surveillance	50,000	-	50,000
68	Silas Ray Building Infrastructure - Roofs And Canopy	64,935	192,022	256,957
	Total for Dept. 2220	3,421,278	2,232,424	5,653,702
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DEPARTMENT 4310 - OPERATIONAL SUPPORT SERVICES				
71	Gas pipeline right-of-way project completion	153,883	-	153,883
	Total for Dept. 4310	153,883	-	153,883
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	ELECTRIC GENERATION PROJECT TOTAL:	\$ 3,575,161	\$ 2,232,424	\$ 5,807,585
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	ESTIMATED PROJECT TOTAL - ELECTRIC	\$ 19,796,510	\$ 42,295,659	\$ 62,092,169
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GENERAL & ADMINISTRATIVE PROJECTS				
DEPARTMENT 1110 - GENERAL MANAGER				
81	Architect/engineering design services for Administration Building Annex	212,584	-	212,584
82	Administration Building Remodeling - design	416,827	-	416,827
83	Traffic Signal on FM 511 and Old Alice Rd	101,428	-	101,428
	Total for Dept. 1110	730,839	-	730,839
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DEPARTMENT 1165 - RECORDS MANAGEMENT				
86	Implementation of an Enterprise Content Management (ECM) System	223,607	-	223,607
	Total for Dept. 1165	223,607	-	223,607

continued

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
	Total for Dept. 1165	223,607	-	223,607
	DEPARTMENT 1422 - ANALYTICAL LAB			
89	HVAC Replacement Project	674,211	500,000	1,174,211
	Total for Dept. 1422	674,211	500,000	1,174,211
	DEPARTMENT 2410 - ELECTRIC ENGINEERING			
95	Professional Engineering Services Pertaining to Stand-By / Back-Up Power Specifications and Design for Various BPUB Facilities	375,000	375,000	750,000
	Total for Dept. 2410	375,000	375,000	750,000
	DEPARTMENT 6135 - CIS SUPPORT			
98	Cayenta Utilities (UMS) Upgrade	32,668	-	32,668
99	Cayenta The Customer Engagement Portal	243,140	-	243,140
	Total for Dept. 6135	275,808	-	275,808
	DEPARTMENT 6145 - ENERGY EFFICIENCY & CONSERVATION			
102	Electronic Rebate Collaboration Platform	23,000	25,000	48,000
	Total for Dept. 6145	23,000	25,000	48,000
	DEPARTMENT 6160 - CASHIERS			
105	Drive Up Lane Equipment Replacement	61,000	-	61,000
	Total for Dept. 6160	61,000	-	61,000
	DEPARTMENT 7130 - INFORMATION TECHNOLOGY			
108	Pure Storage Expansion	3,446	-	3,446
109	IT Room Generator at Power Plant (backup power)	47,976	-	47,976
110	APC / UPS - DataCenter Hardware replacement	1,609	-	1,609
111	Dell FX Chassis and Storage - Administration Building	4,711	-	4,711
112	FM 511 Tower	150,000	-	150,000
113	UPS - IT Equipment at New Building FM 511	45,000	-	45,000
114	Enterprise Backup Appliance DR4100	225,000	-	225,000
115	E911 and Cisco Switch Upgrade	130,000	96,000	226,000
116	Cisco ACI Network Equipment - Multi-Site	176,308	176,308	352,616
117	Power Plant Firewall and Data Center Switch Upgrade	283,812	-	283,812
118	Data Cabling For Main Administration Building	75,000	75,000	150,000
119	UPS-Generation Power Plant Expansion	150,000	-	150,000
120	Cisco Phone Upgrade	100,000	-	100,000
121	Email Retention and Archiving Project	100,000	-	100,000
	Total for Dept. 7130	1,492,862	347,308	1,840,170

continued

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
DEPARTMENT 7135 - GEOGRAPHIC INFORMATION SYSTEMS				
124	GIS/Cityworks Upgrade	500,000	-	500,000
	Total for Dept. 7135	500,000	-	500,000
ESTIMATED TOTAL BY CATEGORY:				
	GENERAL & ADMINISTRATIVE	3,996,519	1,222,308	5,218,827
	ADMINISTRATIVE - CUSTOMER SERVICE	359,808	25,000	384,808
	ESTIMATED PROJECT TOTAL - GEN. & ADMIN.	4,356,327	1,247,308	5,603,635
ESTIMATED OVERALL PROJECT TOTAL - ELECTRIC		\$ 24,152,837	\$ 43,542,967	\$ 67,695,804
75	ADD CARRYOVER CAPITAL EQUIPMENT	1,238,791	-	1,238,791
76	ADD ESTIMATED CAPITAL EQUIPMENT	206,464	6,000,000	6,206,464
	ESTIMATED OVERALL TOTAL - ELECTRIC	\$ 25,598,092	\$ 49,542,967	\$ 75,141,059
WATER PROJECTS				
DEPARTMENT 1420 - ENVIRONMENTAL COMPLIANCE				
135	Loading/Unloading Facility to disinfect water tankers for SpaceX - engineering and construction	-	200,000	200,000
	Total for Dept. 1420	-	200,000	200,000
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT SERVICES				
138	SRWA Wells Fiber Communications	50,000	455,000	505,000
	Total for Dept. 2210	50,000	455,000	505,000
DEPARTMENT 3120 - WATER PLANT I				
141	Raw Water Pump Station - engineering (Packet 4) and construction - AECOM Pumps 4,5, and 6	300,000	-	300,000
143	High Service Pump Station No. 1 - engineering (Packet 4)	38,308	-	38,308
144	High Service Pump Station No. 2 - Pump and Motor Replacement - engineering (Packet 4) and construction	23,775	-	23,775
146	Access Control and Facility Cameras	58,500	-	58,500
147	Replacement of Compressors	82,800	-	82,800
148	Replacement of Waste Pump and Motor	181,416	-	181,416
149	Pump Station 1 High Service Pump No. 6	375,000	1,176,600	1,551,600
150	Replacement of rakes for two clarifiers (B1 and B2)	-	260,000	260,000
151	Clarifiers drain sludge pump	32,500	-	32,500
152	Replace Influent Valves for 8 Filters	214,000	-	214,000
153	Raw Water Pump Station No. 1, 2 and 3	156,474	-	156,474
154	Backup caustic soda bulk tank	150,000	-	150,000
155	Conversion of ammonia containers and feed equipment from gas to liquid	-	376,740	376,740
156	Chlorination System Expansion and Scrubber	100,000	7,053,805	7,153,805
	Total for Dept. 3120	1,712,773	8,867,145	10,579,918

continued

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
DEPARTMENT 3130 - WATER PLANT II				
160	Installation of New Caustic Soda Feed System	11,178	-	11,178
161	Aeration Structure Rehabilitation - engineering (Packet 3)	91,805	-	91,805
162	Aeration Tank Replacement - engineering (Packet 3)	94,151	-	94,151
163	High Service Pump Station (5 vertical turbine pumps) - engineering (Packet 4)	27,577	-	27,577
164	Raw Water Pump Station - engineering (Packet 4)	21,238	-	21,238
165	Reservoir Raw Water Pumps Variable Frequency Drives (VFDs) Replacement	90,000	-	90,000
166	Flocculation Basin Improvement	60,000	67,400	127,400
167	Pump and Motor Replacement of Reservoir Raw Water Pump Number 1	196,500	-	196,500
168	High Service Pump Station	262,000	-	262,000
169	Pump and Motor Replacement of Reservoir Raw Water Pump Number 3	196,500	-	196,500
170	Coagulant bulk tank replacement	183,000	-	183,000
171	Sodium chlorite bulk tank replacement	183,000	-	183,000
172	Ammonia conversion from gas to liquid	-	376,740	376,740
173	Water Plant No. 2 Resaca Raw Water Pumping Station	-	612,750	612,750
174	Aeration Tanks Replacement	128,170	800,000	928,170
175	Chlorination System Expansion and Scrubber	-	6,110,000	6,110,000
Total for Dept. 3130		1,545,119	7,966,890	9,512,009
DEPARTMENT 3150 - W/WW OPERATIONS & CONSTRUCTION				
183	Water Valve Replacement Phase 3 Project - engineering	50,134	-	50,134
Total for Dept. 3150		50,134	-	50,134
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING				
192	Estimated miscellaneous carryover project amount	13,503	-	13,503
193	EST No. 8 - Two Million Gallon Elevated Storage Tank to Replace the Southmost Elevated Storage Tank - engineering and construction	780,903	-	780,903
194	Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Water Utility Improvements - engineering	33,907	-	33,907
196	Calvin Street Water Utility Improvements - engineering	11,967	-	11,967
199	COB Contract No. 3 - construction contract	111,513	-	111,513
200	Extension of Water Service to the City of Brownsville and Department of Public Safety Joint Tactical Training Center	-	321,864	321,864
201	E 15th Street Utility Improvements - engineering	168,126	-	168,126
202	E 15th Street Utility Improvements - construction	230,184	-	230,184
203	Water Main Replacements related to City Street Paving and Drainage Improvement Projects	300,000	345,734	645,734
204	Old Port Isabel Waterline System Loop - Engineering	-	280,000	280,000
205	FM 802 and Coffeeport Waterline Loop	-	384,480	384,480
206	South Iowa Waterline Upgrade (Boca Chica Blvd to Billy Mitchell Blvd)	-	1,850,000	1,850,000
207	Southmost Blvd Waterline Upgrades (14th Street to International Blvd)	-	982,500	982,500
212	City Streets Contract - Portway Place Subdivision	191,123	-	191,123
213	Rio Vista, Elston Dr, Avenue A Waterline Improvement	-	212,800	212,800
214	Southmost Blvd Waterline Upgrades (International Blvd to 30th St)	120,000	-	120,000
Total for Dept. 3310		1,961,226	4,377,378	6,338,604

continued

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
DEPARTMENT 6105 - CUSTOMER & INFORMATION SERVICES				
238	Advanced Metering Infrastructure (AMI) - water	5,742,495	10,939,221	16,681,716
	Total for Dept. 6105	5,742,495	10,939,221	16,681,716
	ESTIMATED PROJECT TOTAL - WATER	\$ 11,061,747	\$ 32,805,634	\$ 43,867,381
241	ADD CARRYOVER CAPITAL EQUIPMENT	744,019	-	744,019
242	ADD ESTIMATED CAPITAL EQUIPMENT	736,290	-	736,290
243	ADD ESTIMATED CAPITAL EQUIPMENT - RESACA	2,912,385	-	2,912,385
	ESTIMATED OVERALL TOTAL - WATER	\$ 15,454,441	\$ 32,805,634	\$ 48,260,075
WASTEWATER PROJECTS				
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT SERVICES				
248	Lift Station Electrical Upgrades - 10 lift stations	180,000	180,000	360,000
249	Lift Station Electrical Safety Upgrades	150,000	522,000	672,000
	Total for Dept. 2210	330,000	702,000	1,032,000
DEPARTMENT 3210 - SOUTH WASTEWATER TREATMENT PLANT				
256	SWWTP Improvements - Influent Channel - engineering (Packet 5) and construction Board-approved on 10/29/20	36,651	-	36,651
257	SWWTP Improvements - Digester Tank Replacement - engineering (Packet 5) and construction Board-approved on 10/29/2020	270,498	-	270,498
258	SWWTP Improvements - Aeration Basin No. 3 - engineering (Packet 5) and construction Board-approved on 10/29/2020	88,609	-	88,609
259	Belt Filter Press - engineering (Packet 4)	23,277	-	23,277
260	Non-Potable Water Pump and Motor No. 1 - engineering (Packet 4)	24,883	-	24,883
261	SWWTP Improvements - Headworks Grit System Upgrade and Retrofit - engineering (Packet 5) and construction Board-approved on 10/29/2020	572,338	-	572,338
262	Chlorine Contact Chamber Sluice Gate Replacement Project - engineering and construction	359,182	61,932	421,114
	Total for Dept. 3210	1,375,438	61,932	1,437,370
DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT				
265	Turbo Blower Upgrades - Phase I (Packet 3) engineering	193,290	-	193,290
267	Non-Potable Water System Upgrade (Packet 4) - engineering	29,349	-	29,349
268	Three (3) New 25 Yard Bio-Solids Metal Roll-off Bins	38,934	-	38,934
269	Turbo Blower Upgrades Phase II (Packet 3) - construction	-	982,520	982,520
	Total for Dept. 3220	261,573	982,520	1,244,093
DEPARTMENT 3230 - WASTEWATER LIFT STATIONS				
274	Lift Station Systemwide Fence Replacements	150,000	-	150,000
	Total for Dept. 3230	150,000	-	150,000

continue

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. PROJ.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
DEPARTMENT 3310 WATER & WASTEWATER ENGINEERING				
317	Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Wastewater Utility Improvements - Engineering	32,528	-	32,528
319	Calvin Street Wastewater Utility Improvements	11,967	-	11,967
320	Portway Place Subdivision Wastewater Utility Improvements	206,198	-	206,198
321	COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Wastewater Utility Improvements	798,323	-	798,323
322	South Indiana FM 511 Utility Adjustments	114,114	-	114,114
323	FM 802 Ruben Torres TXDOT Project	5,312	-	5,312
324	Palm Village Utility Improvements - engineering	57,793	-	57,793
325	Rentfro Blvd Utility Improvements - engineering	42,457	-	42,457
326	Los Ebanos Blvd Utility Improvements (between East Drive and Honeydale Road) - engineering	53,814	-	53,814
328	Old Port Isabel Road 20-inch diameter force main replacement	4,328	-	4,328
329	2020 CIP Contract No. 4 - engineering and construction	107,283	-	107,283
330	E 15th Street Utility Improvements	167,423	-	167,423
335	Sewer Replacements related to the City Street Paving and Drainage Improvement Projects	300,000	114,132	414,132
342	City Streets Contract - Old Hwy 77 - District 4	260,000	200,000	460,000
343	City Streets Contract - Wild Rose Lane - District 3-4	290,000	-	290,000
344	City Streets Contract - Stage Coach Trail - District 3	340,000	-	340,000
345	City Streets Contract - E. 14th Street - District 1	100,000	440,000	540,000
346	City Streets Contract - Coffee Road - District 2 & 3	100,000	510,000	610,000
347	City Streets Contract - Old Alice Road - District 3	75,000	600,000	675,000
Total for Dept. 3310		3,066,540	1,864,132	4,930,672
ESTIMATED PROJECT TOTAL - WASTEWATER		5,183,551	3,610,584	8,794,135
350	ADD CARRYOVER CAPITAL EQUIPMENT	1,128,103	-	1,128,103
351	ADD ESTIMATED CAPITAL EQUIPMENT	862,782	-	862,782
ESTIMATED OVERALL TOTAL - WASTEWATER		\$ 7,174,436	\$ 3,610,584	\$ 10,785,020
ESTIMATED PROJECT TOTAL		\$ 40,398,135	\$ 79,959,185	\$ 120,357,320
ESTIMATED CAPITAL EQUIPMENT TOTAL		7,828,834	6,000,000	13,828,834
OVERALL IMPROVEMENT FUND TOTAL - INTERNAL:		\$ 48,226,969	\$ 85,959,185	\$ 134,186,154
DEPARTMENT 4105 - OPERATIONS				
357	Annex Administration Building - construction services, as Board-approved on 10/29/20	229,387	-	229,387
Total for Dept. 4105		229,387	-	229,387
IMPROVEMENT FUND BUDGET - FACILITIES TOTAL		\$ 229,387	\$ -	\$ 229,387
TOTAL IMPROVEMENT FUND BUDGET:		\$ 48,456,356	\$ 85,959,185	\$ 134,415,541

CAPITAL BUDGET SUMMARY
Impact Fees Fund Projects (Fund 410)

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
WATER PROJECTS				
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING				
215	New Raw Water River Intake Facility	500,000	-	500,000
221	16-inch Waterline Loop from Lago Vista to W. Alton Gloor Blvd	400,000	2,014,328	2,414,328
222	Boca Chica Blvd Waterline Upgrade (International Blvd to Owens Road)	1,000,000	-	1,000,000
223	Waterline Upgrade on Southmost Blvd from old EST 4 site to Lima St.	-	250,000	250,000
224	Waterline Upgrade Near WTP No. 1	300,000	221,000	521,000
225	Concrete Steel Cylinder Waterline Upgrade from Boca Chica Blvd (SH 48) to WTP No. 2	150,000	750,000	900,000
226	FM 511 Waterline Loop (SH 48 to Boca Chica Blvd)	100,000	-	100,000
227	Martinal Area Waterline System Loop	165,000	-	165,000
228	FM 511 24-inch Waterline Loop (SRWA to Old Port Isabel Rd)	450,000	1,134,800	1,584,800
Total for Dept. 3310		3,065,000	4,370,128	7,435,128
ESTIMATED PROJECT TOTAL - WATER		\$ 3,065,000	\$ 4,370,128	\$ 7,435,128
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING				
327	North Regional Lift Stations and Force Main System - Phase I	800,000	1,123,875	1,923,875
331	South Colonias Project Design	126,010	-	126,010
332	South Colonias Project - design and engineering	210,000	-	210,000
333	North Colonias Project Design	60,123	-	60,123
334	North Colonias Project - design and engineering	300,000	300,000	600,000
Total for Dept. 3310		1,496,133	1,423,875	2,920,008
ESTIMATED PROJECT TOTAL - WASTEWATER		\$ 1,496,133	\$ 1,423,875	\$ 2,920,008
OVERALL TOTAL IMPACT FEES FUND BUDGET:		\$ 4,561,133	\$ 5,794,003	\$ 10,355,136

CAPITAL BUDGET SUMMARY
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405)

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
ELECTRIC PROJECTS				
DEPARTMENT 2120 - SUBSTATIONS AND RELAYING				
9	Loma Alta Auto Transformer Radiators Replacement	50,000	15,000	65,000
10	Replace Legacy Overcurrent and Transformer Differential Protection Relays	54,484	97,500	151,984
11	Replace 138 KV breakers: 1 at Military Hwy, 2 at Midtown, 1 at 6th Street, 2 at Filter Plant, 3 at Power Plant and 1 spare	776,980	150,000	926,980
Total for Dept. 2120		881,464	262,500	1,143,964
ELECTRIC PROJECTS				
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT SERVICES				
16	Electrical SCADA Replacement of System Software and Hardware	168,234	-	168,234
Total for Dept. 2210		168,234	-	168,234
DEPARTMENT 2410 - ELECTRIC ENGINEERING				
47	56 MVA Northwest Distribution Substation	389,942	5,934,150	6,324,092
48	Electric System Utility Work Contract	2,196,306	1,800,000	3,996,306
49	Install a Second Power Transformer at the Water Port Substation - engineering	133,856	-	133,856
50	OH to UG Conversion for Reliability Project	800,000	1,400,000	2,200,000
Total for Dept. 2410		3,520,104	9,134,150	12,654,254
ELECTRIC TRANS. & DIST. PROJECT TOTAL:		4,569,802	9,396,650	13,966,452
DEPARTMENT 2220 - POWER PRODUCTION				
61	Hidalgo Capital Improvements	6,286,814	6,274,997	12,561,811
Total for Dept. 2220		6,286,814	6,274,997	12,561,811
ELECTRIC GENERATION PROJECT TOTAL:		6,286,814	6,274,997	12,561,811

continued

CAPITAL BUDGET SUMMARY
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
GENERAL & ADMINISTRATIVE PROJECTS				
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT SERVICES				
92	SCADA Yard Communication Tower - Phase 2 and 3	277,800	317,440	595,240
	Total for Dept. 2210	277,800	317,440	595,240
DEPARTMENT 7170 - WAREHOUSE				
127	FM 511 Service Center - New Lay Down Yard	540,982	540,982	1,081,964
	Total for Dept. 7170	540,982	540,982	1,081,964
	ESTIMATED PROJECT TOTAL - GEN. & ADMIN.	818,782	858,422	1,677,204
	ESTIMATED OVERALL PROJECT TOTAL - ELECTRIC	\$ 11,675,398	\$ 16,530,069	\$ 28,205,467
WATER PROJECTS				
DEPARTMENT 3120 - WATER PLANT I				
145	High Service Pump Station No. 2 - (Packet 4) Pump and Motor Replacement - construction	260,000	-	260,000
157	Drain Valves for the Drying Lagoons	58,500	-	58,500
	Total for Dept. 3120	318,500	-	318,500
DEPARTMENT 3130 - WATER PLANT II				
176	Replacement of Backwash Waste Pump No 1	131,000	-	131,000
	Total for Dept. 3130	131,000	-	131,000
DEPARTMENT 3140 - RAW WATER SUPPLY				
179	Raw Water to Resaca Flow Meter	-	102,750	102,750
180	Raw Water to Draper Pond	150,000	-	150,000
	Total for Dept. 3140	150,000	102,750	252,750
DEPARTMENT 3150 - W/WW OPERATIONS & CONSTRUCTION				
184	Valve Replacement Project Phase 3 - construction	359,643	-	359,643
185	Water New Connections and New Subdivisions	866,408	2,600,000	3,466,408
186	Water Meter Vault Replacement Project	41,478	-	41,478
	Total for Dept. 3150	1,267,529	2,600,000	3,867,529
DEPARTMENT 3155 - W/WW OPERATIONS & MAINTENANCE				
189	Leak Detection Project	200,000	-	200,000
	Total for Dept. 3155	200,000	-	200,000

continued

CAPITAL BUDGET SUMMARY
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING				
195	Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Water Utility Improvements - construction	737,750	-	737,750
197	Calvin Street Water Utility Improvements - construction	283,140	-	283,140
198	COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Water Utility Improvements	500,000	545,016	1,045,016
208	36-inch Diameter Raw Water Line Replacement at Rotary Park - engineering	26,753	-	26,753
209	Rotary Park Raw Waterline Upgrade - Construction	500,000	313,796	813,796
210	Martinal Area Water System Loop off of Old Port Isabel Road and FM 802 - engineering	22,809	-	22,809
211	2020 CIP Contract No. 4 - engineering and construction	81,269	-	81,269
216	30th Street Elevated Storage Tank Water Line	783,496	-	783,496
217	18-inch Waterline along Old Hwy 77 and FM 511 to Old Alice Rd	202,000	202,000	404,000
218	16-inch Waterline at Summer Hill Subdivision	-	400,000	400,000
219	16-inch Waterline Upgrade on Boca Chica Blvd from Owens Rd to Iowa Ave	-	300,000	300,000
220	2020 Master Plan	150,000	-	150,000
230	City Streets Contract - Old Hwy 77 - District 4	350,000	150,000	500,000
231	City Streets Contract - Wild Rose Lane - District 3-4	310,000	-	310,000
232	City Streets Contract - Stage Coach Trail - District 3	265,000	-	265,000
233	City Streets Contract - E. 14th Street - District 1	100,000	400,000	500,000
234	City Streets Contract - Coffee Road - District 2 & 3	100,000	400,000	500,000
235	City Streets Contract - Old Alice Road - District 3	75,000	500,000	575,000
Total for Dept. 3310		4,487,217	3,210,812	7,698,029
ESTIMATED OVERALL TOTAL - WATER				
		\$ 6,554,246	\$ 5,913,562	\$ 12,467,808
WASTEWATER PROJECTS				
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT SERVICES				
250	W/WW SCADA Lift Station Integration	80,000	268,000	348,000
Total for Dept. 2210		80,000	268,000	348,000
DEPARTMENT 3150 - W/WW OPERATIONS & CONSTRUCTION				
253	Wastewater New Connections and New Subdivisions	580,493	1,800,000	2,380,493
Total for Dept. 3150		580,493	1,800,000	2,380,493
DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT				
266	Turbo Blower Upgrades Phase I (Packet 3) - construction	3,000,000	1,015,938	4,015,938
270	Rehabilitation of Vacuum Truck Unloading Station - engineering	553,916	-	553,916
271	Four Torque Valve Actuators for The Train Inlet Isolation Valves - engineering	22,951	-	22,951
Total for Dept. 3220		3,576,867	1,015,938	4,592,805

continued

CAPITAL BUDGET SUMMARY
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
DEPARTMENT 3230 - WASTEWATER LIFT STATIONS				
275	Lift Station No. 9 Pump Rehabilitation - engineering (Packet No. 1) and construction	800,000	1,231,400	2,031,400
276	Lift Station No. 10 Rehabilitation - engineering (Packet 2) and construction	500,000	131,922	631,922
277	Lift Station No. 11 Rehabilitation - engineering (Packet 2) and construction	400,000	131,922	531,922
278	Lift Station No. 12 Rehabilitation	-	800,000	800,000
279	Lift Station No. 13 Reconstruction	-	700,000	700,000
280	Lift Station No. 15 Rehabilitation - engineering (Packet 2) and construction	1,000,000	927,072	1,927,072
281	Lift Station No. 17 Rehabilitation - engineering (Packet No. 1) and construction	5,291	1,741,580	1,746,871
282	Lift Station No. 28 Rehabilitation - engineering (Packet 1) and construction	28,939	752,070	781,009
283	Lift Station No. 43 Rehabilitation - engineering (Packet 1) and construction	429,808	-	429,808
284	Lift Station No. 44 Rehabilitation - engineering and construction	622,912	-	622,912
285	Lift Station No. 47 Rehabilitation - engineering (Packet 2) and construction	693,203	-	693,203
286	Lift Station No. 51 Rehabilitation - engineering (Packet 2) and construction	258,000	-	258,000
287	Lift Station No. 53 Rehabilitation	-	695,000	695,000
288	Lift Station No. 58 Rehabilitation - engineering (Packet 1) and construction	31,922	702,515	734,437
289	Lift Station No. 63 Force Main	-	1,600,000	1,600,000
290	Lift Station No. 63 Rehabilitation - engineering (Packet 2) and construction	768,421	1,000,000	1,768,421
291	Lift Station No. 65 A Pump Replacement	62,000	-	62,000
292	Lift Station No. 65 B Pump Replacement	64,000	-	64,000
293	Lift Station No. 67 Rehabilitation - engineering (Packet 2) and construction	386,601	-	386,601
294	Lift Station No. 68 Rehabilitation - engineering and construction	6,939	675,000	681,939
295	Lift Station No. 69 Rehabilitation - engineering and construction	18,347	675,000	693,347
296	Lift Station No. 72 Rehabilitation - engineering (Packet 1) and construction	806,788	781,899	1,588,687
297	Lift Station No. 77 Rehabilitation	-	695,000	695,000

continued

CAPITAL BUDGET SUMMARY

Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2023	FISCAL YEARS 2024-2027	FIVE-YEAR TOTAL
298	Lift Station No. 80 Rehabilitation - engineering (Packet 2) and construction	292,149	-	292,149
299	Lift Station No. 82 Rehabilitation	-	695,000	695,000
300	Lift Station No. 85 Rehabilitation	-	695,000	695,000
301	Lift Station No. 89 Rehabilitation - engineering (Packet 2) and construction	28,939	748,545	777,484
302	Lift Station No. 95 Rehabilitation - engineering (Packet 1) and construction	28,939	1,600,037	1,628,976
303	Lift Station No. 96 Rehabilitation - engineering (Packet 1) and construction	28,939	398,318	427,257
304	Lift Station No. 99 Rehabilitation - engineering (Packet 1) and construction	28,939	753,829	782,768
305	Lift Station No. 101 Rehabilitation - engineering (Packet 2) and construction	36,264	300,000	336,264
306	Lift Station No. 102 Rehabilitation	-	500,000	500,000
307	Lift Station No. 103 Decommission and Wastewater Line Installation	-	500,000	500,000
308	Lift Station No. 105 Rehabilitation - engineering (Packet 2) and construction	335,837	-	335,837
309	Lift Station No. 106 Rehabilitation - engineering (Packet 2) and construction	700,000	438,101	1,138,101
310	Lift Station No. 113 Rehabilitation	-	300,000	300,000
311	Lift Station No. 140 Rehabilitation - engineering (Packet 1) and construction	633,370	-	633,370
312	Lift Station No. 159 MCC Building Replacement	-	750,000	750,000
313	South to North Wastewater Reroutes - Lift Station No. 4 Force Main	-	1,365,000	1,365,000
314	South to North Wastewater Reroutes - Lift Station No. 20, 22, and 27 Valve Reconfigurations	-	312,000	312,000
Total for Dept. 3230		8,996,547	22,596,210	31,592,757
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING				
318	Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Wastewater Utility Improvements	500,000	482,000	982,000
336	Estimated miscellaneous carryover project amount	136,068	-	136,068
337	Lift Station No. 111 Odor Control Filter	153,575	153,575	307,150
338	Sanitary Sewer Siphon at Rentfro Blvd	-	42,457	42,457
339	2020 Master Plan	150,000	-	150,000
Total for Dept. 3310		939,643	678,032	1,617,675
ESTIMATED OVERALL TOTAL - WASTEWATER		\$ 14,173,550	\$ 26,358,180	\$ 40,531,730
COMMERCIAL PAPER FUNDING BUDGET - INTERNAL: \$ 32,403,194 \$ 48,801,811 \$ 81,205,005				
DEPARTMENT 4105 - OPERATIONS				
356	Administration Bldg Remodel	4,787,412	1,781,956	6,569,368
358	Administration Bldg Remodel - furniture, fixtures and other equipment	-	800,000	800,000
Total for Dept. 4105		4,787,412	2,581,956	7,369,368
COMMERCIAL PAPER FUNDING BUDGET - FACILITIES TOTAL \$ 4,787,412 \$ 2,581,956 \$ 7,369,368				
TOTAL COMMERCIAL PAPER FUNDING: \$ 37,190,606 \$ 51,383,767 \$ 88,574,373				

continue

CAPITAL BUDGET SUMMARY
Grants Proceeds Projects (Fund 200)

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2022	FISCAL YEARS 2023-2025	FIVE-YEAR TOTAL
WATER PROJECTS				
DEPARTMENT 3120 - WATER PLANT I				
141	Raw Water Pump Station - engineering (Packet 4)	200,000	300,000	500,000
&142	and construction - AECOM Pumps 4,5, and 6			
Total for Dept. 3120		200,000	300,000	500,000
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING				
164	ARPA Downtown Water & Wastewater Improvement Project 2	240,452	1,984,704	2,225,156
Total for Dept. 3310		240,452	1,984,704	2,225,156
ESTIMATED PROJECT TOTAL - WATER		\$ 440,452	\$ 2,284,704	\$ 2,725,156
WASTEWATER PROJECTS				
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING				
257	ARPA Downtown Water & Wastewater Improvement Project 1	784,300	6,471,480	7,255,780
258	ARPA Downtown Water & Wastewater Improvement Project 2	701,148	5,787,300	6,488,448
Total for Dept. 3310		1,485,448	12,258,780	13,744,228
ESTIMATED PROJECT TOTAL - WASTEWATER		\$ 1,485,448	\$12,258,780	\$13,744,228
OVERALL TOTAL GRANTS BUDGET: \$ 1,925,900 \$14,543,484 \$16,469,384				

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**Summary Expenditure Report
For All Carryover Projects – FY 2022
Improvement Fund (Fund 400)**

UTILITY	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET	APPROVED BUDGET TOTAL
GENERAL & ADMINISTRATIVE	\$ 2,055,073	\$ 683,074	\$ 1,578,520	\$ 2,261,594
ELECTRIC	10,679,397	4,523,209	5,671,671	10,194,880
WATER	7,227,826	1,272,547	4,343,339	5,615,887
WASTEWATER	5,793,447	872,735	1,495,044	2,367,778
CARRYOVER WORK ORDER BUDGET TOTAL	\$ <u>25,755,743</u>	\$ <u>7,351,565</u>	\$ <u>13,088,574</u>	\$ <u>20,440,138</u>

CARRYOVER CAPITAL PROJECT BUDGET TOTAL: \$ 20,440,138

CARRYOVER CAPITAL EQUIPMENT BUDGET TOTAL: 5,663,507

IMPROVEMENT FUND - CARRYOVER CIP FUNDING TOTAL: \$ 26,103,645

FY 2023 CAPITAL EQUIPMENT BUDGET TOTAL: 2,165,327

FISCAL YEAR 2023 IMPROVEMENT FUNDING: 8,908,415

FISCAL YEAR 2023 IMPROVEMENT FUND - SURPLUS FUNDING: 11,278,969

IMPROVEMENT FUND - CIP FUNDING TOTAL: \$ 48,456,356

Capital Project Listing – FY 2022
For All Carryover General & Administrative Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
10/14/16	80575	GA1016	ADMINISTRATION BUILDING REMODELING - DESIGN	122,584	-	416,827
12/15/17	104275	GA1090	ASSET MANAGEMENT STRATEGIC PLAN ANALYSIS	150,000	150,000	-
03/07/19	130776	GA1197	RESTROOM RENOVATION PROJECT AT THE ADMINISTRATION BUILDING	4,212	-	-
03/13/19	131144	GA1203	ENTERPRISE CONTENT AND RECORDS MANAGEMENT SYSTEM (ECRMS) - PILOT PROGRAM	-	-	223,607
03/06/19	130723	GA1208	PURE STORAGE EXPANSION	3,446	3,446	-
06/03/19	135807	GA1221	OFFSITE HARDWARE - DRIVE EXPANSION	100,000	-	-
03/17/21	166349 amended	GA1222	IT ROOM GENERATOR AT POWER PLANT; BACKUP POWER	47,976	18,439	29,537
08/13/19	140145	GA1224	CAYENTA UPGRADE FROM VERSION 7.722 TO VERSION 9.0.0	4,964	4,964	27,704
02/25/21	173519	GA1288	TRAFFIC SIGNAL PROJECT AT FM 511 AND OLD ALICE RD	218,781	-	101,428
05/14/21	178215	GA1299	INFORMATION TECHNOLOGY FOR THE ANNEX BUILDING; STORAGE AREA NETWORK	-	-	-
05/14/21	178221	GA1300	APC / UPS - DATACENTER HARDWARE REPLACEMENT	26,901	1,609	-
11/22/21	188827	GA1314	DELL FX CHASSIS AND STORAGE AT THE ADMINISTRATION BUILDING	166,346	4,711	-
07/06/21	N/A	GA1326	FM 511 TOWER	8,000	2,000	148,000
04/26/22	196458	GA1327	CAYENTA THE CUSTOMER ENGAGEMENT PORTAL FOR THE CUSTOMER SELF-SERVICE PORTAL	243,140	218,320	24,820
05/10/22	197305	GA1328	WATER PLANT I SECURITY FENCE OFF OF W 13TH ST WEST OF SILAS RAY POWER PLANT	41,740	-	-
05/12/22	197464	GA1329	UPS - IT EQUIPMENT AT FM 511 BUILDING	45,000	13,911	31,089
06/21/22	199399	GA1333	ENTERPRISE BACKUP APPLIANCE MODEL EXAGRID	225,000	14,794	210,206
07/30/20	80540 amended	GA3965	ADMINISTRATION BUILDING ANNEX - DESIGN/ENGINEERING SERVICES - CONSTRUCTION SERVICES	171,559 475,423	173,858 77,022	38,726 152,365
N/A	N/A	N/A	FUELMASTER AIM UPGRADES	-	-	-
N/A	N/A	N/A	HVAC REPLACEMENT PROJECT FOR THE ANALYTICAL LAB	-	-	174,211
CARRYOVER GENERAL & ADMINISTRATIVE PROJECT TOTAL				\$ 2,055,073	\$ 683,074	\$ 1,578,520

Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
03/29/16	71466	FD2014	1000 CAPTAIN DONALD FOUST RD AT THE PORT OF BROWNSVILLE	114,707	114,707	-
03/02/18	109033	FD2081	1000 CAPTAIN DONALD FOUST RD	389	389	-
11/25/19	146179	FD2172	1184 BOCA CHICA BLVD - TXDOT	1,678	1,678	-
01/27/20	149461	FD2176	2700 R.L. OSTOS RD	2,121	2,121	-
04/15/19	133063	FD2182	20000 STATE HIGHWAY 48 - AMFELS CONVERSION FROM HPS AND MH LIGHTS TO LED EQUIVALENT	8,477	8,477	-
11/05/21	154972 amended	FD2197	2200 LAREDO RD	1,461	1,461	-
10/05/20	164543	FD2199	6 FRUITDALE TERRACE	674	365	-
11/30/20	168082	FD2206	1255 FM 511 - SRWA SRWA'S INNER PERIMETER	-	-	-
03/03/21	173945	FD2215	2884 SANDIA ST	674	-	-
02/12/21	172805	FD2216	3497 BURTON DR	34	34	-
03/12/21	174650	FD2218	3185 SOUTHMOST BLVD	37	37	-
04/27/21	177163	FD2219	224 S IOWA AVE	417	417	-
05/17/21	178311	FD2220	25 SOUTHERN ST	278	278	-
05/26/21	178982	FD2221	75 RINGGOLD ST	530	213	-
05/08/20	155260	FD2222	1763 MILITARY HWY	1,882	1,882	-
07/13/21	181508	FD2225	3470 BURTON DR	-	-	-
01/11/21	170605	FD2226	24 ELM ST - BROWNSVILLE HOUSING AUTHORITY INTERSECTION OF OAK ST AND ASH ST AND INTERSECTION OF ASH ST AND ELM ST	-	-	-
10/11/21	186497	FD2230	1801 S PRICE RD	1,969	1,969	-
10/14/21	186702	FD2231	454 EXPRESSWAY 77 N FRONTAGE RD	3,720	3,720	-
11/10/21	188427	FD2233	4351 E MORRISON RD	1,746	1,746	-
11/15/21	188540	FD2234	267 N CENTRAL AVE	680	-	-
01/07/22	190763	FD2239	1900 FISHERMANS PLACE RD	3,219	261	-

continued

Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
05/05/22	197072	FD2242	SECURITY LIGHTING FOR POWER PLANT AND WATER PLANT I	40,696	7,141	-
05/17/22	197659		ADDITIONAL POLE WITH FLOOD LIGHT			
05/19/22	197797		INSTALL 2 EA 1000W EQV FLOOD LIGHT			
04/27/22	196555	FD2243	3555 E 14TH STREET	4,568	36	-
05/31/22	198211	FD2245	3000 W ALTON GLOOR BLVD	1,333	1,333	-
05/12/22	197477	FD2246	1305 HONEYDALE RD	531	531	-
06/27/22	199618	FD2247	ROBINDALE WWTP STAGING YARD	16,525	16,525	-
02/11/22	192636	FD2250	2801 N CORIA ST SECURITY LIGHTING FOR LA JOLLA SUBDIVISION	24,671	-	-
07/25/22	200939	FD2251	35 VISTA CT	811	811	-
07/20/22	200774	FD2252	665 SAN PEDRO LN	626	626	-
07/25/22	200944	FD2253	4675 BOCA CHICA BLVD	626	-	-
08/09/22	201788	FD2254	EXPRESS DOCK RD NO. 13 OFF OF R.L. OSTOS ROAD	1,067	474	-
08/26/22	202464	FD2256	2801 N CORIA ST	1,432	-	-
09/22/22	203766	FD2258	4810 BOCA CHICA BLVD	1,158	-	-
09/28/22	204009	FD2259	2339 COOLIDGE ST	710	-	-
N/A	N/A	N/A	SECURITY LIGHT INSTALLATION CARRYOVER FUNDING	-	-	-
CARRYOVER SECURITY LIGHT PROJECT TOTAL				\$ 239,445	\$ 167,231	\$ -
08/01/17	96449	EA1064	SCADA REMOTE TERMINAL UNIT SYSTEM UPGRADE/REPLACEMENTS FOR ALL SUBSTATIONS	270,348	-	-
05/25/17	92902	EA1075	LOMA ALTA SUBSTATION - MARTINAL WATER	89,720	89,720	-
05/11/18	112950		TANK - NORTH WASTEWATER TREATMENT PLANT - FM 802 FIBER OPTIC PROJECT			
04/12/19	132920	EA1251	BOCA CHICA FIBER INSTALLATION - PHASE 1 BETWEEN US HWY 77/83 AND PADRE ISLAND HWY	17,716	-	-
09/13/19	141930	EA1252	BATTLEFIELD TRAIL FIBER INSTALLATION - PHASE 2 HIKE AND BIKE TRAIL ALONG PAREDES LINE RD BETWEEN BOCA CHICA BLVD AND MORRISON RD	5,718	-	-
03/24/20	152860	EA1253	BOCA CHICA FIBER INSTALLATION - PHASE 3 BETWEEN PADRE ISLAND HWY AND FM 511	87,500	87,500	-

continued

Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
03/23/20	152753	EA1267	FIBER OPTIC FROM SOUTHMOST LIBRARY TO NEW AIRPORT TERMINAL AT 700 AMELIA EARHART DR	8,903	-	-
09/21/21	185261	EA1307	FIBER OPTIC LINE EXTENSION TO SPACEX PHASE 1 - OFF OF S CENTRAL AVE ALONG MORNINGSIDE RD TO 1900 BILLY MITCHELL BLVD PHASE 2 - FROM BILLY MITCHELL BLVD, S IOWA AVE AND LES MAULDIN RD TO 2100 LES MAULDIN RD	21,180	6,254	-
10/04/21	186331	EA1308	1900 BILLY MITCHELL BLVD SUPPORT POLE FOR FIBER OPTIC LINE EXTENSION TO SPACEX	1,953	1,059	-
01/03/22	190567	EA1319	ADVANCED METERING INFRASTRUCTURE - ELECTRIC	40,035	-	3,332,988
06/14/22	199088	EA1332	DESIGN SERVICES FOR THE ELECTRIC DISTRIBUTION AND TRANSMISSION SYSTEM	120,000	120,000	-
08/31/22	202620	EA1336	1906 W. ELIZABETH ST FIBER OPTIC EXTENSION	7,048	-	-
02/14/18	108063	EA3966	FM 511 SERVICE CENTER YARD CENTER FIBER OPTIC DESIGN AND INSTALLATION	39,131	39,131	-
N/A	N/A	N/A	SUBSTATION AND CONTROL CENTERS VIDEO CAMERA UPGRADE	-	-	350,000
CARRYOVER ADMINISTRATION CONSTRUCTION PROJECT TOTAL: \$				<u>709,252</u>	<u>\$ 343,665</u>	<u>\$ 3,682,988</u>
08/18/20	161317	CITY	2600 CENTRAL BLVD	4,213	-	-
N/A	N/A	ED1000	ELECTRIC SYSTEM CONSTRUCTION CONTRACT - ELECTRIC DISTRIBUTION	13,130	-	-
12/16/21	189995	ED1025	3549 E 30TH STREET	24,425	-	-
03/06/17	88924	ED1046	100 E ALTON GLOOR BLVD TRANSFER SWITCH AT VRMC	544	-	-
08/16/17	97217	ED1067	POLE REPLACEMENTS OFF OF PARRAL ST WOOD AVE AND W BROADWAY ST	13,861	13,861	-
05/31/22	198212	ED1068	UNIT 10 COOLING TOWER TRANSFORMER AND CONCRETE PAD	49,169	-	-
08/16/17	97220	ED1069	POLE REPLACEMENTS AT POWER PLANT FEEDER OFF OF W LEVEE ST, E 2ND STREET & E 14TH STREET	16,672	10,188	-
10/12/17	100335	ED1089	PALM GARDENS SUBDIVISION UNDERGROUND CONDUIT REPLACEMENT	-	-	-

continued

Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
02/22/18	108545	ED1123	915 S CENTRAL AVENUE NEW FEEDER TO TRICO	84,054	-	-
09/18/18	120433	ED1127	RELAY AND OTHER UPGRADES AT PRICE RD, WATERPORT AND LOMA ALTA SUBSTATIONS TO ACCOMMODATE THE SHARYLAND UTILITIES SWITCHING STATION	133,196	133,196	11,133
09/20/18	120595	ED1130	E RUBEN M TORRES BLVD AND S SAN MARCELO BLVD - BCC RECLOSERS	34,317	34,317	-
09/28/18	121148	ED1158	1797 COOLIDGE ST LIFT STATION NO. 9	7,624	7,624	-
08/29/17	97908	ED1193	700 AMELIA EARHART DR OVERHEAD TO UNDERGROUND CONVERSION AT NEW AIRPORT TERMINAL	-	-	-
03/06/19	130685	ED1194	700 AMELIA EARHART DR TEMPORARY SERVICE	3,059	3,059	-
03/27/19	131947	ED1205	PORT OF BROWNSVILLE CROSS ARMS REPLACEMENT ALONG RL OSTOS & CAPT DONALD FOUST RD	70,718	70,718	-
03/28/19	132031	ED1206	4255 OLD HIGHWAY 77	541	541	-
07/02/19	137665	ED1217	BROWNSVILLE HISTORIC BATTLEFIELD TRAIL HPS TO LED SECURITY LIGHT CONVERSION	7,058	7,058	-
06/04/19	135877	ED1225	UNDERGROUND 3-PHASE PRIMARY (FEEDER RELOCATION AND CONVERSION) FOR THE BROWNSVILLE S.P.I. INTERNATIONAL AIRPORT ON SOUTH IOWA STREET BETWEEN LES MAULDIN ROAD AND BOCA CHICA BLVD	-	-	-
09/19/18	120533	ED1228	PORT CONNECTION PROJECT - OVERHEAD TO UNDERGROUND CONVERSION OFF OF R.L. OSTOS ROAD	38,583	38,583	-
10/21/19	144095	ED1235	1 DEAN PORTER PARK	-	-	-
10/25/19	144454	ED1237	3330 E 14TH STREET	-	-	-
12/13/19	147322	ED1247	6TH STREET SUBSTATION RISER REPLACEMENT OFF OF OLD ALICE ROAD	-	-	-
01/17/20	149015	ED1256	20000 STATE HIGHWAY 48 PRIMARY METER FOR AMFELS	-	-	-

continued

Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
03/13/20	152239	ED1259	BILLY MITCHELL BLVD STREET LIGHTS UPGRADE	385,345	374,921	243,250
05/20/20	155768	ED1263	RECLOSERS ON PAREDES LINE ROAD AND HUDSON BLVD OFF OF FM 802	50,250	50,250	-
07/07/20	158631	ED1266	DISTRIBUTION MANAGEMENT SYSTEM IMPLEMENTATION; INSTALL CAPACITOR BANKS AND RECLOSERS FROM FEEDERS OFF OF THE 6TH STREET SUBSTATION THROUGH FEEDERS OFF OF THE PRICE ROAD SUBSTATION	57,889	24,825	231
07/23/20	159621	ED1269	PALO ALTO SUBSTATION POWER TRANSFORMER AT 6608 OLD ALICE RD	-	-	156,586
10/07/20	164854	ED1275	THREE EACH 145KV CIRCUIT BREAKERS REPLACEMENTS FOR THE POWER PLANT SUBSTATION	117,744	-	-
01/12/21	170695	ED1281	1995 BILLY MITCHELL BLVD KNIFE SWITCH DISCONNECTS AT TRICO FACILITY	699	699	-
09/24/19	142515	ED1294	2 EACH AUTOMATIC TRANSFER SWITCH TO INSTALL AT FILTER PLANT SUBSTATION	103,381	96,279	-
08/16/19	140334	ED1303	8925 SOUTHMOST BLVD C.O.B. AND TXDPS JOINT TACTICAL TRAINING FACILITY	86,704	76,784	9,920
05/20/20	155836	ED1304	PASEO DE LA RESACA TRAILS HPS TO LED LIGHT CONVERSION	10,809	5,398	-
08/18/21	183562	ED1305	GANG SWITCH REPLACEMENT ON RUBEN M TORRES BLVD OFF OF PAREDES LINE RD, COFFEE RD OFF OF OLD PORT ISABEL RD, AND BOCA CHICA BLVD NEAR TEXAS AVENUE	30,041	16,755	-
07/15/21	181733	ED1306	6290 SOUTHMOST BLVD AIKEN ELEMENTARY SCHOOL	-	-	-
10/15/21	186753	ED1310	3549 E 30TH ST	18,210	-	-
05/25/21	178907	ED1315	9705 CAJUN BLVD	5,961	4,354	-
06/21/21	180403	ED1317	1900 FISHERMANS PLACE RD	5,360	5,360	-
11/02/21	187752	ED1320	101 SAINT JOSEPH DR - ALTERNATIVE FEEDER ST JOSEPH ACADEMY	33,935	-	-
12/01/21	189099	ED1321	244 SECURITY DR AUTOZONE	14,398	2,795	-
02/01/22	191923	ED1323	POLE REPLACEMENTS AT 535 AVENIDA DE LA PLATA, 4 CALLE CENIZO, 837 W WASHINGTON ST, 127 WOOD AVE, SAM PERL BLVD & E SAINT FRANCIS, 1727 E VAN BUREN ST AND 734 W LEVEE ST	21,032	18,952	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
01/05/22	190689	ED1324	11800 R L OSTOS RD OH-TO-UG CONVERSION AT B.N.D.	84,810	-	-
08/02/22	201313	ED1334	1 BOULEVARD OF CHAMPIONS SAMS MEMORIAL STADIUM (PHASE I) PROJECT	38,713	22,877	-
10/03/12	33343	ED3839	RESTORATION OF POLES AT THE FOLLOWING COB PARKS: BROWNSVILLE EVENTS CENTER, BROWNSVILLE TENNIS CENTER, NORTH PARK, BROWNSVILLE GOLF CENTER, ST CHARLES PARK & HOPE PARK	32,971	32,971	-
02/24/15	34374 amended	ED3841	RIVER PUMPS 1 & 2 MOTOR CONTROLS REPLACEMENT AT 127 POWER PLANT DR; INCLUDES MEDIUM VOLTAGE SWITCHGEAR	103,247	103,247	-
07/01/14	49093	ED3914	GUARD SHACK FIBER OPTIC EXTENSION AT POWER PLANT AND OFF OF ROBERTO VARGAS DR	3,412	3,412	-
04/28/14	47025	ED3931	NEW FEEDER FROM FM 802 SUBSTATION OFF OF S SAN MARCELO AND RUBEN M TORRES BLVD	133,745	-	-
07/09/14	49323	ED3932	FM 3248 & NORTH FRONTAGE RD (TXDOT)	-	-	-
06/27/19	137370	ED3965	ALTERNATE SERVICE FEEDER FOR ANNEX	-	-	-
05/07/20	155157	FD3965	1425 ROBINHOOD DR TEMPORARY SERVICE TO ANNEX	7,974	7,974	-
07/27/21	N/A	NULL	2 EACH RECONDITIONED 1000 KVA PADMOUNT TRANSFORMER	14,292	14,292	-
N/A	N/A	N/A	INSTALL ELECTRICAL CONDUCTOR AND CONDUIT AT ISLA DE PALMAS SUBDIVISION SECTION I, II, III, IV AND V	-	-	168,000
N/A	N/A	N/A	INSTALL ELECTRICAL CONDUCTOR AND CONDUIT AT TIMBERS SUBDIVISION SECTION I, II AND III	-	-	89,600
CARRYOVER DISTRIBUTION CONSTRUCTION PROJECT TOTAL: \$				1,862,086	\$ 1,181,289	\$ 678,721
01/23/17	86555	EG1031	VALLEY CROSSING PIPELINE INTERCONNECT	-	-	-
07/22/21	96620 amended	EG1068	UNIT 10 COOLING TOWER REPLACEMENT	8,305	8,305	722,956

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
09/27/19	112753 amended	EG1171	DISTRIBUTED GENERATORS AT SRWA WATER WELLS SITE ON FM 1421	201,866	54,034	-
07/21/20	159385	EG1291	UNIT 6 IMPROVEMENTS, HRSG ECONOMIZER PANEL REPLACEMENT AND GENERATOR GAS ANALYZER REPLACEMENT	1,000,148	999,076	436,292
02/04/21	172203	EG1297	DISTRIBUTED GENERATORS AT SRWA FOR WATER WELLS NO. 1, 11 AND 13	-	-	-
05/27/22	198133	EG1331	FEASIBILITY AND COST STUDY FOR BACK UP / STANDBY POWER SYSTEMS FOR THE WATER AND WASTEWATER TREATMENT PLANTS	150,080	79,991	70,089
N/A	N/A	EG3158	HIDALGO POWER PLANT IMPROVEMENTS	739,303	-	-
03/16/15	35342 amended	EG3849	GAS TRANSMISSION LINE TO TENASKA BROWNSVILLE GENERATING STATION	-	-	-
09/26/14	44869	EG3926	CROSS VALLEY NATURAL GAS PIPELINE	164,638	151,813	2,070
CARRYOVER GENERATION CONSTRUCTION PROJECT TOTAL: \$				<u>2,264,339</u>	<u>\$ 1,293,219</u>	<u>\$ 1,231,407</u>
04/12/19	123727 amended	ET1170	TRANSMISSION LINE RE-ROUTE FOR SHARYLAND UTILITY'S STILLMAN STATION	310,245	304,600	-
08/13/20	115662 amended	ET1240	AIRPORT SUBSTATION 69KV TO 138 KV CONVERSION AT 915 S CENTRAL AVENUE	1,026,971	-	-
05/04/20	154926	ET1264	1425 ROBINHOOD DR ANNEX BUILDING TRANSMISSION GUY	12,402	12,402	-
04/19/21	176637	ET1296	BATTERY BANK REPLACEMENTS AT THE TITAN AND POWER PLANT SUBSTATIONS	66,190	1,725	-
09/14/21	180936 amended	ET1302	2635 E PRICE RD - POTENTIAL TRANSFORMER REPLACEMENTS FOR PRICE RD SUBSTATION	59,347	8,362	-
CARRYOVER TRANSMISSION CONSTRUCTION PROJECT TOTAL: \$				<u>1,475,155</u>	<u>\$ 327,089</u>	<u>\$ -</u>
CARRYOVER CONSTRUCTION PROJECT TOTAL \$				<u>6,310,833</u>	<u>\$ 3,145,262</u>	<u>\$ 5,593,116</u>
03/27/12	31421	FD4186	ITECC WIND PROJECT	918	918	-
03/25/14	45897	FD4326	5101 ALTON GLOOR BLVD PLAZA VISTA	937	937	-
08/11/15	63803	FD4420	1655 E RUBEN M TORRES BLVD	-	-	-
09/29/15	65527	FD4428	1401 YARD ROAD	4,773	4,773	-
10/16/15	65933	FD4440	DOCK 15 OFF OF R.L. OSTOS RD	2,960	2,960	-
04/29/16	72396 amended	FD4466	1910 ANEI CIRCLE	-	-	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
09/26/16	78346 amended	FD4491	1910 ANEI CIRCLE	-	-	-
06/14/16	75206	FD4494	747 SPRINGMART BLVD	-	-	-
11/09/16	82280	FD4496	2400 BOCA CHICA BLVD	1,266	1,266	-
03/10/17	89230	FD4524	2406 THOR'S HAMMER BLVD	1,202	1,202	-
08/15/17	97109	FD4550	4124 LAKEVIEW DR	2,719	2,719	-
09/01/17	98100	FD4555	111 FLEETWOOD DRIVE	1,014	1,014	-
03/08/18	97423 amended	FD4556	222 EXPRESSWAY 77 NORTH FRONTAGE RD	287	287	-
04/11/18	103683 amended	FD4570	10 PROVIDENCIA CT	3,172	3,172	-
06/28/22	93117 amended	FD4583	UNIVERSITY BLVD UNDERGROUND 3-PH PRIMARY	236,645	232,645	-
04/11/18	111130	FD4593	1115 S CENTRAL AVENUE	2,059	2,059	-
02/12/18	107886	FD4616	835 N EXPRESSWAY	-	-	-
09/04/18	119612	FD4619	4375 PAREDES LINE ROAD HUNTINGTON APARTMENTS	4,786	4,786	-
02/04/19	128922	FD4652	649 COFFEE RD	662	662	-
03/27/19	131945	FD4660	2360 EXPRESSWAY 77	557	557	-
07/19/18	116860	FD4665	205 WILDROSE LN WILDROSE APARTMENTS	1,218	1,218	-
06/21/19	136872	FD4670	33 BOCA CHICA BLVD	1,807	1,807	-
08/12/19	140089	FD4675	1759 E PRICE RD	-	-	-
08/21/19	140645	FD4685	940 W RUBEN M TORRES BLVD NEW PLAZA	-	-	-
06/25/19	137152	FD4688	3215 W ALTON GLOOR BLVD - TEMPORARY CONNECTION FOR LA PERLA LUXURY APARTMENTS	857	1,796	-
07/24/19	138953	FD4690	3310 EXPRESSWAY 77 SOUTH FRONTAGE RD BORDER PATROL	9,940	9,940	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
11/26/18	124732	FD4691	3215 W ALTON GLOOR BLVD BARSE APARTMENTS	809	809	-
12/30/19	148063	FD4700	544 BILLY MITCHELL BLVD	222	222	-
12/27/19	148025	FD4701	20 SAM PERL BLVD O'REILLY AUTO PARTS	-	-	-
11/25/19	146141	FD4702	2000 MINERAL LOOP BROWNSVILLE GULFSIDE WAREHOUSE	-	-	-
12/18/19	147661	FD4703	2648 ALTON GLOOR BLVD	3,917	3,917	-
11/05/19	145173	FD4705	10951 OLD STATE HIGHWAY 48	-	-	-
01/17/20	149039	FD4711	3755 E 14TH STREET	3,004	3,004	-
02/21/20	151110	FD4712	1230 MORNINGSIDE RD	1,293	1,293	-
04/13/20	153653	FD4714	3025 E RUBEN TORRES BLVD SEVILLE PLAZA	1,244	1,244	-
04/21/20	154110	FD4715	3514 CALLE NORTENA - SMALL CELL NODE	-	-	-
11/19/19	145812	FD4717	650 RUBEN M TORRES BLVD SMALL CELL ANTENNA SITE	-	-	-
04/22/20	154230	FD4719	871 OLD ALICE RD TROPICAL TEXAS BEHAVIORAL HEALTH	-	-	-
06/03/20	156750	FD4720	1250 ACACIA LAKE DR	1,391	1,391	-
03/27/20	153099	FD4723	2822 W ALTON GLOOR BLVD	8,975	8,975	-
03/23/20	152805	FD4724	1009 E ADAMS ST	1,345	1,345	-
06/18/20	157720	FD4725	20035 STATE HWY 48	4,202	4,202	-
07/25/20	158841	FD4727	TRANSFORMER TO ANNEX BUILDING AT 1425 ROBINDHOOD DR	-	-	-
06/09/20	157175	FD4729	950 W RUBEN TORRES BLVD - TEMP SVC	166	166	-
07/06/20	158583	FD4730	951 W RUBEN TORRES BLVD - URD SVC	-	-	-
08/05/20	160540	FD4731	4386 WACO RD	1,280	1,280	-
07/08/20	158652	FD4734	2933 OLD SPANISH TRAIL	-	-	-
08/25/20	161785	FD4735	7045 N EXPRESSWAY 77 OLMITO PLAZA, BUILDING B	3,601	3,601	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
08/13/21	157377 amended	FD4736	832 RIDGEWOOD ST RIDGEWOOD CLINIC	1,892	1,892	-
09/30/20	164316	FD4737	20000 STATE HIGHWAY 48 KEPPEL AMFELS	618	618	-
11/12/20	167050	FD4738	1646 WESTMINSTER RD	-	-	-
01/21/20	149126	FD4741	9735 OLD STATE HIGHWAY 48	-	-	-
11/18/20	167434	FD4742	2100 E PRICE RD	-	-	-
10/09/20	164997	FD4743	4105 BILL REED RD RM WALSDORF, INC.	-	-	-
12/21/20	169419	FD4744	25 PASEO PLAZA	2,916	2,916	-
10/23/20	166065	FD4746	1930 ANEI CIRCLE	-	-	-
01/11/21	170679	FD4747	6920 OLD ALICE RD	-	-	-
01/26/21	171545	FD4748	8 PALMETTO CIRCLE	-	-	-
01/20/21	171202	FD4750	2717 CAROLINA ST	492	492	-
10/22/20	165973	FD4751	645 SUNSHINE RD	-	-	-
02/01/21	171956	FD4752	3497 BURTON DR	-	-	-
09/04/20	162518	FD4753	950 W RUBEN TORRES BLVD LA CANTERA APTS	-	-	-
12/15/20	169102	FD4754	447 E ALTON GLOOR BLVD THE HUMAN BEAN COFFEE SHOP	7,970	7,970	-
03/05/21	174123	FD4755	1115 S CENTRAL AVENUE	-	-	-
03/03/21	173937	FD4756	4661 CENTRAL CIR	78	78	-
04/06/21	175826	FD4757	4920 EXPRESSWAY 77 NORTH FRONTAGE RD	244	244	-
10/26/20	166144	FD4759	10951 OLD STATE HWY 48 BLUEWING PHASE 3	9,302	9,302	-
04/08/21	175902	FD4760	84 N IOWA AVE	1,032	-	-
03/25/21	175401	FD4761	9735 OLD STATE HWY 48 TEMPORARY SERVICE	-	-	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
04/14/21	176335	FD4763	325 WEST LEVEE	-	-	-
04/21/21	176775	FD4765	3025 BOCA CHICA BLVD	1,533	1,533	-
05/17/21	178308	FD4766	318 MCFADDEN DR	539	539	-
05/19/21	178637	FD4767	1144 INTERNATIONAL BLVD	1,545	1,504	-
06/10/21	179869	FD4768	529 PAREDES LINE RD	1,194	-	-
02/02/21	172007	FD4769	7225 INDUSTRIAL CIR EXEL BOBBINS	-	-	-
05/06/21	177629	FD4770	130 DOWNS DR	-	-	-
06/07/21	179577	FD4771	209 AMERICA DR JIFFY LUBE	-	-	-
06/25/21	180733	FD4772	2039 E PRICE RD	4,654	-	-
06/28/21	180798	FD4773	7395 PADRE ISLAND HWY	4	4	-
07/20/21	182017	FD4774	12650 STATE HWY 48 - OMNITRAX	5,977	5,977	-
07/16/21	181855	FD4775	1025 MAIN STREET TEMPORARY CONNECTION	-	-	-
08/04/21	182763	FD4776	1174 N CENTRAL AVENUE	1,091	1,091	-
08/10/21	183222	FD4777	2645 VILLAGE DR	106	106	-
07/09/21	181370	FD4778	1173 RUBEN M TORRES BLVD	-	-	-
09/02/21	184276	FD4780	1454 CENTRAL BLVD CANO HEALTHCARE	392	392	-
07/26/21	182296	FD4781	4295 N EXPRESSWAY 77/83 STANTON OPTICAL	6,724	-	-
08/30/21	184121	FD4782	5905 SOUTH PADRE ISLAND HWY	-	-	-
08/04/21	182762	FD4783	1025 MAIN STREET JUBILEE SCHOOL	36,533	-	-
09/08/21	184514	FD4784	104 HIBISCUS CT	233	233	-
09/09/21	184617	FD4785	77 EXPWY 77 S FRONTAGE RD	4,126	4,332	-
09/09/21	184665	FD4786	3451 PABLO KISEL BLVD	2,952	-	-
08/20/21	183689	FD4787	704 PAREDES LINE RD	5,241	3,896	-
08/25/21	183922	FD4788	2410 HUDSON BLVD	12,064	-	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
N/A	N/A	ED9001	NEW CONNECTIONS - ELECTRIC	201,946	-	-
09/23/21	185354	FD4789	6675 PINO VERDE DR	679	480	-
09/24/21	185429	FD4790	117 PANDANA ST	1,299	765	-
08/30/21	184158	FD4791	54 S PRICE ROAD PRICE LOFT APARTMENTS	31,187	29,018	-
09/13/21	184823	FD4792	1995 MILITARY HWY CIRCLE K	18,556	-	-
10/11/21	186498	FD4793	505 AMELIA EARHART DR ELECTRIC VEHICLE CHARGERS SERVICES	12,228	-	-
01/25/21	171521	FD4794	2416 THORS HAMMER BLVD	9,731	-	-
10/28/21	187564	FD4796	208 DIX DRIVE	1,932	962	-
10/29/21	187673	FD4797	225 PARK STREET	6,469	5,526	-
11/15/21	188539	FD4798	400 R.L. OSTOS RD	2,108	-	-
11/29/21	188985	FD4799	221 N CENTRAL AVENUE	10,019	2,131	-
11/29/21	189024	FD4800	7100 OLD ALICE RD	5,743	347	-
01/07/22	190790	FD4801	2954 IMPALA DR	1,776	1,188	-
11/04/21	188009	FD4803	129748 OLD STATE HIGHWAY 48	6,548	247	-
01/27/22	191694	FD4804	12 MICHAEL CIR	5,851	2,618	-
11/04/21	188035	FD4805	813 PAREDES LINE RD	14,188	-	-
12/13/21	189826	FD4806	1000 SPORTS PARK BLVD	10,218	-	-
02/01/22	191915	FD4807	6915 PADRE ISLAND HWY	30,683	30,683	-
02/22/22	193059	FD4808	1900 BILLY MITCHELL BLVD	12,615	1,185	-
08/27/21	184022	FD4809	3100 N INDIANA AVE	14,567	-	-
02/17/22	192923	FD4810	25 JUAREZ ST	1,999	1,501	-
03/21/22	194470	FD4812	1414 RUBEN M TORRES BLVD PERMANENT SERVICE	19,948	18,238	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
03/15/22	194196	FD4813	5 BOCA CHICA BLVD	6,340	3,509	-
04/11/22	195615	FD4816	3005 E 26TH STREET	1,902	1,062	-
04/11/22	195616	FD4819	1050 CEIBA CIR	1,702	-	-
04/19/22	195983	FD4820	2345 E PRICE RD HACIENDA FORD	34,308	5,826	-
05/16/22	196748 amended	FD4824	1995 BILLY MITCHELL BLVD	1,819	1,819	-
03/28/22	194839	FD4825	205 RANCHO ALTO TEMPORARY POWER FOR LF CISD MIDDLE SCHOOL	16,729	4,115	-
04/29/22	196650	FD4827	1 W UNIVERSITY BLVD TEMPORARY POWER	4,381	1,139	-
01/18/22	191270	FD4828	3300 S EXPRESSWAY 77 OFF OF LOS TOMATES BRIDGE	20,155	2,178	-
04/13/21	176245	FD4831	720 RINGGOLD RD UTRGV VIVARIUM	32,841	-	-
04/14/22	195838	FD4832	159000 R L OSTOS RD OFF OF SOUTH PORT CONNECTOR	10,310	5,824	-
05/17/22	197656	FD4833	205 RANCH ALTO UNDERGROUND CONDUIT TO LOS FRESNOS MIDDLE SCHOOL	5,262	-	-
05/17/22	197658	FD4835	1260 RUBEN M TORRES BLVD	18,805	18,180	-
06/09/22	198848	FD4838	3721 E RUBEN M TORRES BLVD TEMPORARY SERVICE	2,086	2,086	-
05/20/22	197823	FD4839	20151 STATE HIGHWAY 48 VALLEY CROSSING PIPELINE	25,847	16,163	-
07/13/22	198912 amended	FD4840	2100 LES MAULDIN DR SPACEWAREHOUSE	26,948	460	-
04/21/22	196136	FD4841	3100 EXPRESSWAY 77 OJOS LOCOS	16,299	-	-
05/31/22	198204	FD4842	1449 WEST WASHINGTON STREET	2,056	-	-
05/25/22	197979	FD4843	1164 PAREDES LINE RD	5,063	1,276	-
07/14/22	200499	FD4844	93 POWER PLANT DR	5,307	-	-
07/21/22	200820	FD4845	244 SECURITY DR	2,000	1,724	-
06/07/22	198617	FD4846	2370 N EXPRESSWAY 77 BUBBA'S 33	32,178	32,178	-

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DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
07/27/22	201046	FD4847	4755 MAR STREET	8,358	4,593	-
05/25/22	197987	FD4848	4340 SOUTHMOST BLVD	2,347	1,241	-
08/08/22	201720	FD4849	540 ACACIA LAKE DR	20,591	3,066	-
08/16/22	202104	FD4850	9173 SAUCITO ST	1,994	-	-
08/02/22	201338	FD4851	143 NORTH DRIVE	1,509	-	-
05/04/22	196992	FD4852	205 RANCHO ALTO LF CISD MIDDLE SCHOOL	197,995	-	-
06/06/22	198556	FD4853	5750 N EXPRESSWAY 77 TIPTON HYUNDAI	41,743	-	-
08/01/22	201233	FD4854	645 BARNARD RD LUKE FRUIA CHARGING STATION	13,768	-	-
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ 1,399,616	\$ 550,617	\$ -
03/16/16	70844	ED5402	3777 N EXPRESSWAY 77/83 LAS PALMAS DEVELOPMENT	35,470	35,470	-
02/20/19	129765	ED5430	WESTLAKE ESTATES SECTION III OFF OF WESTLAKE AVENUE	2,163	2,163	-
04/26/19	133788	ED5431	ROSEWOOD ESTATES SECTION I OFF OF FM 1732 AND SUMMER HILL BLVD	96,864	86,637	-
04/11/19	132827	ED5435	PALO ALTO SUBDIVISION OFF OF FM 511 / SH 550	-	-	-
05/14/19	134674	ED5436	SANTANDER PHASE IV SUBDIVISION BETWEEN LAREDO RD AND BASQUE DR ON SEVILLA ST, GALICIA CT AND TOLOSA ST	4,855	4,855	-
10/14/19	143654	ED5437	EL CHAPARRAL SUBDIVISION OFF OF E MORRISON ROAD	22,731	-	-
02/12/20	150619	ED5440	SIMMON'S CROSSING SECTION 2 OFF OF W MORRISON RD	13,014	13,014	-
10/23/19	144221	ED5441	LAGO VISTA PHASE VI SEC. III SUBDIVISION OFF OF LAGO VISTA BLVD AND RAINFOREST DR	14,584	14,584	-
02/05/20	150171	ED5442	QUEENSLAND SUBDIVISION, SECTION 3 OFF OF STAGECOACH TRAIL	-	-	-
02/05/20	150173	ED5444	CROSS COUNTRY TRAILS SUBDIVISION SECTION 9 OFF OF SAGEBRUSH RD AND ABILENE TRAIL	-	-	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
02/19/20	150882	ED5445	SIMMONS PLACE SUBDIVISION OFF OF W MORRISON RD AND SIMMONS BLVD	-	-	-
10/16/20	165495	ED5447	MAGDALENA ESTATES OFF OF FRUITDALE RD	-	-	-
11/12/20	167001	ED5448	TRAIL VILLAGE APARTMENTS 48 UNITS AND CLUBHOUSE AT 25 PASEO PLAZA BLVD	3,709	-	-
11/19/20	167460	ED5449	LAS VILLAS DEL SOL SUBDIVISION SECTION 2 OFF OF VILLAS SOLEADAS ST AND JONATHAN CT	920	920	-
11/12/20	167055	ED5450	PALO ALTO SUBDIVISION PHASE 2 OFF OF CASTILLO ST AND JOAQUIN ST	-	-	-
08/04/20	160415	ED5451	THE GROVES: PHASE I - BUTTERFLY GROVE OFF OF OLD ALICE RD	86,320	-	-
04/01/21	175741	ED5452	QUEENSLAND IV SUBDIVISION OFF OF ABBEY CT AND FRIAR'S CT	21,439	19,582	-
03/22/21	175147	ED5453	PALMETTO GROVE SUBDIVISION PHASE II OFF OF DATE DR AND PALMAE DR	39,996	-	-
09/15/21	184924	ED5454	LAZY ACRES ESTATES SECTION 2 SUBDIVISION OFF OF LAZY ACRES RD	25,641	-	-
12/08/20	168704	ED5455	1904 CENTRAL BLVD BROWNSVILLE LOFTS	22,716	1,214	-
05/16/19	134873	ED5456	20 RUBEN M TORRES BLVD PUNTO VALLE APARTMENTS	26,797	-	-
09/10/21	184693	ED5457	THE HEIGHTS AT RIVER BEND SUBDIVISION (121 LOTS) OFF OF US HIGHWAY 281 AND NEW CARMEN AVENUE	143,367	-	-
03/18/21	174996	ED5458	LAGO VISTA SECTION III OFF OF SAN ANDRES ST	95,312	-	-
01/20/22	191425	ED5459	3503 BOCA CHICA BLVD STE 3	1,413	339	-
11/17/21	188673	ED5460	ROSEWOOD ESTATES PHASE 2 (53 LOTS) OFF OF SUMMERHILL BLVD & FM 1732	72,932	-	-
01/05/22	190669	ED5461	NORTHSTAR AT OLD ALICE ON GRAPEVINE LOOP OFF OF OLD ALICE RD	53,182	-	-

continued

Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
07/22/21	182120	ED5463	SUMMER LAKES SUBDIVISION PHASE I (89 LOTS) OFF OF SUMMERHILL BLVD	131,714	-	-
05/09/22	197232	ED5464	CROSS COUNTRY TRAILS SUBDIVISION SECTION 9 BY INTERSECTION OF SAGEBRUSH RD AND TUMBLEWEED CT	2,690	-	-
06/23/22	199521	ED5465	MAJESTIC PALM HEIGHTS SUBDIVISION, PHASE 1 OFF OF STAGECOACH TRAIL	99,127	-	-
06/17/22	199298	ED5466	2393 MCALLEN RD LANDMARK CONDOMINIUMS (19 UNITS)	63,010	63,010	-
07/19/22	200741	ED5467	CAJUN FARMS SUBDIVISION SECTION 3 OFF OF ABREGO ROAD	146,897	132,624	-
07/27/22	201038	ED5468	3721 E RUBEN TORRES BLVD MIDTOWN APARTMENTS PHASE 1	188,477	-	-
N/A	N/A	N/A	NEW SUBDIVISIONS CARRYOVER FUNDING	-	-	-
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ 1,415,338	\$ 374,411	\$ -
01/28/15	56501	ED7659	PORT OF BROWNSVILLE LIGHTING PROJECT ON CAPTAIN DONALD FOUST ROAD, MILO ROAD, WINDHAUS ROAD, RL OSTOS ROAD, LIQUID CARGO DOCK ROAD AND OLD SH 48	-	-	-
07/09/19	137959	ED7775	ALTON GLOOR BLVD PHASE 4 - HPS TO LED STREET LIGHT CONVERSION FROM W TANDY RD TO EXPRESSWAY 77/83	7,847	7,847	-
04/09/19	132643	ED7778	1258 QUAIL HOLLOW DR	2,696	2,696	-
07/31/19	139412	ED7785	SPANISH TRAILS ESTATES PHASE 1 ON NORTHSHORE TRAIL, MEMORIAL TRAIL, RIDGE TRAIL, AZALEA TRAIL AND ALAMO TRAIL	25,344	25,344	-
08/21/19	140659	ED7786	157 E PRICE RD	1,630	1,630	-
01/08/20	148483	ED7791	CALLE ANACUA	8,762	593	-
03/12/20	152184	ED7794	OLD PORT ISABEL AND E PRICE RD	361	361	-
01/22/21	171378	ED7804	5113 BRANSON PLACE	2,160	2,160	-
01/26/21	171625	ED7805	1564 SUNSHINE RD	2,340	2,340	-
02/01/21	171949	ED7806	555 OWENS RD	1,357	1,357	-
01/07/20	148439	ED7807	3226 COFFEE RD	1,089	375	-
07/29/19	139289	ED7817	722 E MONROE ST	711	711	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
01/21/21	171322	ED7820	1044 ARTHUR STREET	397	397	-
01/28/21	171769	ED7821	1508 E MADISON ST	397	397	-
07/25/19	139065	ED7823	416 FM 511 STILLMAN DOG PARK	13,686	13,686	-
08/26/21	183974	ED7827	6700 PAREDES LINE RD - HPS TO LED CONVERSION ALONG PINEDA BLVD, GBIC CIRCLE AND INDUSTRIAL CIRCLE	-	-	-
01/21/22	171324	ED7832	124 MARVIS DRIVE	959	104	-
07/29/21	182461	ED7834	CALLE RETAMA AND CALLE JACARANDA	2,803	364	-
05/21/21	178737	ED7835	2127 E VAN BUREN ST	1,413	-	-
06/04/21	179465	ED7836	284 CREEKBEND DR	621	161	-
07/27/21	182350	ED7837	1557 E LEVEE STREET	2,308	2,308	-
01/07/21	170375	ED7838	605 GALVESTON RD	775	775	-
01/11/22	190881	ED7839	OLD PORT ISABEL RD OFF OF MEADOW GLEN DR AND DOLORES AVE	754	754	-
01/12/22	190945	ED7840	1395 ACACIA LAKE DR	701	157	-
01/13/22	191015	ED7841	SAN PEDRO LANE	1,280	-	-
N/A	N/A	N/A	STREET LIGHT INSTALLATIONS CARRYOVER FUNDING	-	-	7,480
CARRYOVER STREET LIGHT PROJECT TOTAL				\$ 80,392	\$ 64,519	\$ 7,480
05/09/16	73666	FD6581	2865 SOUTHMOST BLVD	365	365	-
03/28/16	71353	FD6583	1401 YARD ROAD	5,455	5,455	-
10/24/16	81331	FD6603	1104 BOCA CHICA BLVD	1,702	1,702	-
02/01/17	87174	FD6629	33 SUNSET DR	-	-	-
06/13/17	93787	FD6631	433 CHAMPION DR	2,081	2,081	-
11/02/17	101720	FD6655	233 SAN EUGENIO	1,731	1,731	-
10/26/17	101280	FD6659	1000 CAPTAIN DONALD FOUST RD PORT OF BROWNSVILLE ADMINISTRATION BUILDING	-	-	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
02/26/18	108617	FD6669	222 N EXPRESSWAY 77	1,066	1,066	-
04/12/18	111204	FD6674	10150 OLD STATE HIGHWAY 48	4,965	4,965	-
12/19/18	126193	FD6701	700 AMELIA EARHART DR	540	540	-
03/08/19	130868	FD6711	720 E FRONTON ST	530	530	-
05/08/19	134370	FD6722	1030 EAST FRONTON ST	-	-	-
06/21/19	136882	FD6723	328 LORENALY	9,988	9,988	-
07/23/19	138793	FD6729	KYZ PULSE METERS FOR CUMMINGS AND OLIVEIRA MIDDLE SCHOOL AND PACE HIGH SCHOOL	558	558	-
09/11/19	141812	FD6733	2954 TULIPAN ST	3,215	3,215	-
08/27/19	141053	FD6734	2977 WEST TANDY RD STILLMAN MIDDLE SCHOOL	349	349	-
09/19/19	142307	FD6735	30 EBONY AVE	1,641	1,641	-
10/08/19	143392	FD6737	3310 EXPRESSWAY 77 ON SOUTH FRONTAGE RD	3,995	3,995	-
10/08/19	143370	FD6738	1744 HONEYDALE RD	-	-	-
11/20/19	145868	FD6744	4761 BOCA CHICA BLVD	-	-	-
09/06/19	141584	FD6745	FM 511 AND UTAH RD	-	-	-
12/27/19	147967	FD6747	925 W JEFFERSON ST	1,050	1,050	-
02/06/20	150246	FD6754	1075 PAREDES LINE RD	-	-	-
02/26/20	151290	FD6758	3254 BOCA CHICA BLVD	584	584	-
06/27/18	115562	FD6759	2615 E PRICE RD HANNA ECHS GYMNASIUM	-	-	-
03/06/20	151860	FD6761	235 E FRONTON ST	530	530	-
03/23/20	152768	FD6762	LAS MANANITAS CIR TRANSFORMERS	847	847	-
03/19/20	152550	FD6763	1000 SPORTS PARK BLVD TRANSFORMER	799	799	-
04/08/20	153525	FD6766	2989 CENTRAL BLVD	908	908	-
05/05/20	154992	FD6768	114 CALLE JACARANDA POLE REPLACEMENT	994	994	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
05/13/20	155435	FD6769	114 CALLE JACARANDA METER REPLACEMENT	1,286	1,286	-
05/21/20	155863	FD6770	301 MEXICO BLVD	5,166	5,166	-
06/10/20	157262	FD6771	395 CALLE JACARANDA	2,096	2,096	-
05/29/20	156319	FD6772	154 E SAINT FRANCIS ST	-	-	-
02/27/20	151437	FD6773	203 NORTH DRIVE	-	-	-
07/10/20	158842	FD6776	HERON COVE LANE	2,487	2,487	-
07/21/20	159346	FD6779	2830CAJUN CT	-	-	-
07/23/20	159587	FD6780	333 LORENALY DR	80	80	-
08/28/20	158792 amended	FD6781	2100 LAREDO RD	-	-	-
08/13/20	161018	FD6782	3555 E 14TH STREET	1,223	1,223	-
08/14/20	161141	FD6783	53 CREEKBEND DR	2,531	2,531	-
08/11/20	160923	FD6785	6280 SOUTHMOST BLVD	318	318	-
08/26/20	161836	FD6788	2425 BARNARD RD	401	401	-
09/04/20	162498	FD6790	17 IVY LANE	-	-	-
08/20/20	161453	FD6792	90 S VERMILLION	-	-	-
09/16/20	163227	FD6793	3204 MCALLEN RD	375	375	-
09/15/20	163127	FD6794	129 POWER PLANT DR	7,493	7,493	-
09/10/20	162757	FD6795	700 E SAINT CHARLES ST	1,669	1,669	-
11/05/20	166666	FD6798	OSCAR DANCY AND RUBEN M TORRES BLVD	547	547	-
08/25/20	161709	FD6799	SPORTS PARK BLVD AND GROVE LANE	-	-	-
10/26/20	166148	FD6800	3555 E 14TH STREET TRANSFORMER FOR RICH SEAPAK	-	-	-
10/28/20	166280	FD6804	16200 JOE GARZA SR RD	5,019	5,019	-
09/14/20	163033	FD6805	3555 E 14TH STREET	-	-	-
12/07/20	168560	FD6806	2701 PAREDES LINE RD	-	-	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
08/06/21	160601	FD6807	305 LINDA LN	31	31	-
06/03/20	156735	FD6809	101 SAINT JOSEPH DRIVE	-	-	-
02/01/21	171922	FD6810	418 VILLA VERDE DR	1,640	1,377	-
11/20/20	167608	FD6812	800 LAKESIDE BLVD	-	-	-
12/23/20	169583	FD6813	1040 W JEFFERSON ST	6,569	6,569	-
02/09/21	172526	FD6814	6720 PAREDES LINE RD	5,258	5,258	-
02/11/21	172762	FD6817	4201 CAPTAIN DONALD FOUST RD	553	553	-
04/01/21	175725	FD6820	2000 MINERAL LOOP	-	-	-
03/16/21	174754	FD6821	COFFEEPORT & PADRE ISLAND HWY	814	814	-
04/13/21	176243	FD6822	1424 GUADALAJARA CT	-	-	-
04/20/21	176747	FD6823	127 BATES ST	802	224	-
11/16/20	167236	FD6824	6720 PAREDES LINE RD CK TECHNOLOGIES PAD MOUNT PRIMARY METER	-	-	-
05/13/21	178126	FD6825	1425 ROBINHOOD DR JUNCTION BOX REPLACEMENT	1,034	1,034	-
04/22/21	154217	FD6826	2450 COURAGE ST SWITCH GEAR REPLACEMENT	26,264	26,264	-
04/29/21	177249	FD6827	7514 HANA DR	957	957	-
05/24/21	178843	FD6828	CHEMICAL RD AND CANTU RD	1,699	1,299	-
05/04/21	177468	FD6829	2010 N CENTRAL AVENUE	-	-	-
06/03/21	179368	FD6830	1900 RIDGLEY RD - TSC	-	-	-
05/19/21	178633	FD6831	871 OLD ALICE RD	1,085	-	-
06/25/21	180685	FD6832	2702 LA VILLITA ST LIFT STATION NO. 8	9,524	9,524	-
06/24/21	180601	FD6833	264 CAMAGUEY AVE	1,539	1,539	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
07/13/21	181572	FD6834	RANCHO DEL CIELO TRANSFORMERS REPLACEMENTS	17,266	17,266	-
07/07/21	181251	FD6835	2744 GREENHAVEN DR	971	971	-
07/26/21	182285	FD6836	1040 W JEFFERSON ST	1,664	1,664	-
08/24/21	183845	FD6839	409 E 13TH STREET	529	-	-
09/03/21	184307	FD6840	1900 E PRICE RD	11,540	11,540	-
N/A	N/A	ED6000	EMERGENCY TROUBLE CALL Activity for use when work order is not available at time of emergency.	685,343	-	-
10/08/21	186350	FD6841	55 GALONSKY ST	4,236	-	-
10/08/21	186394	FD6842	1930 ANEI CIR	36,964	-	-
07/09/21	181355	FD6843	3401 NAFTA PARKWAY	22,435	-	-
09/22/21	185302	FD6844	1995 MILITARY HWY	4,501	2,972	-
11/29/21	189022	FD6845	9950 OLD STATE HWY 48	5,028	191	-
10/25/21	187378	FD6846	1785 RUBEN M TORRES BLVD	1,298	-	-
08/02/22	184916 amended	FD6847	2925 WESLACO RD	7,438	-	-
07/01/21	180957	FD6848	2124 BOCA CHICA BLVD SPECS WINE AND SPIRITS	880	-	-
12/09/21	189679	FD6849	1000 CAPTAIN DONALD FOUST RD	21,260	-	-
02/11/21	172671	FD6850	2600 OLD ALICE RD	7,042	7,042	-
02/08/22	192456	FD6853	4202 RUBEN M TORRES BLVD	1,923	-	-
02/17/22	192917	FD6854	1619 E PRICE RD	1,353	-	-
08/18/21	183576	FD6855	4750 EXPRESSWAY 77 NORTH FRONTAGE ROAD DHR REMODEL	32,032	-	-
04/18/22	195889	FD6856	1345 DURANTA LANE	341	-	-
02/16/22	192853	FD6858	98 OLD MILITARY HWY GUY WIRES REPLACEMENT FOR WEST RAIL TRAIL PROJECT	1,922	-	-
05/03/22	196776	FD6859	800 W JEFFERSON ST	4,429	-	-
05/31/22	198215	FD6860	2217 W WASHINGTON BLVD	28,260	-	-

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Capital Project Listing – FY 2022
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
09/27/21	185549	FD6861	3555 E 14TH STREET TRANSFORMER FOR RICH PRODUCTS	46,296	-	-
05/23/22	197897	FD6862	1501 E JACKSON STREET	6,381	17	-
06/24/22	199597	FD6864	8925 SOUTHMOST BLVD	2,352	858	-
05/04/22	196880	FD6865	7942 SOUTHMOST BLVD	8,775	3,137	-
05/20/22	197820	FD6867	4207 OLD HIGHWAY 77	2,602	530	-
06/10/22	198941	FD6868	101 EL PASO RD	3,961	609	-
06/30/22	199800	FD6869	JAIME J ZAPATA AND ROBINDALE RD FEEDER EXTENSION TO SATA	44,574	9,731	-
08/25/22	200062 amended	FD6870	600 E JACKSON ST	17,073	-	-
07/08/22	200173	FD6871	3611 COFFEE RD - SIGN	4,693	4,693	-
07/27/22	201090	FD6872	78 MCLELLAND	2,870	-	-
08/01/22	201224	FD6873	1535 E LOS EBANOS BLVD	1,894	282	-
08/04/22	201499	FD6874	CORNER OF OSCAR DANCY / RUBEN M TORRES BLVD	2,588	265	-
08/10/22	201871	FD6875	2412 GROVE LANE	8,707	8,707	-
07/19/22	200708	FD6876	7618 WAVERLY	4,804	2,283	-
09/21/22	203699	FD6877	2921 BOCA CHICA BLVD	44,532	17,721	-
09/26/22	203881	FD6878	6620 GEORGIA PINE	661	661	-
N/A	N/A	N/A	TROUBLE CALLS & SERVICE INCREASES CARRYOVER FUNDING	-	-	71,075
CARRYOVER TROUBLE CALL PROJECT TOTAL				\$ 1,233,773	\$ 221,169	\$ 71,075
OVERALL CARRYOVER ELECTRIC UTILITY PROJECT TOTAL				\$ 10,679,397	\$ 4,523,209	\$ 5,671,671

Capital Project Listing – FY 2022
For All Carryover Water & Wastewater Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
N/A	N/A	CDAM	CHANNEL DAM	-	-	-
03/27/20	79851 amended	WT1015	CAUSTIC SODA FEED IMPROVEMENTS AT WATER PLANT NO. 2	11,178	11,178	-
09/12/22	83301 amended	WD1025	2.0 MG ELEVATED STORAGE TANK DESIGN AND ENGINEERING	6,409,870	780,903	-
07/12/18	100741 amended	WD1077	MAG METER ON 24" DISTRIBUTION LINE DESIGN AND ENGINEERING	-	-	-
12/14/17	104166	WD1086	BROWNSVILLE SOUTH PADRE ISLAND INTERNATIONAL AIRPORT EDA CARGO FACILITY DEVELOPER INSTALLED IMPROVEMENTS	2,625	2,625	-
02/01/18	107225	WD1093	FM 802 WATER MAIN LOOP ON FM 802 BETWEEN COFFEEPORT RD AND WOODSTONE DR; ENGINEERING	-	-	-
02/01/18	107226	WD1094	WEST 5TH STREET WATER MAIN LOOP OFF OF W FRONTON ST, W 5TH ST AND RAILROAD TRACKS; ENGINEERING	4,511	4,511	-
12/11/18	122556 amended	WT1161	AERATION STRUCTURE REHABILITATION ENGINEERING (RFQ020-18 PACKET 3)	125,824	83,587	8,218
12/11/18	123897 amended	WT1162	AERATION TANK REPLACEMENT ENGINEERING (RFQ020-18 PACKET 3)	128,170	85,933	8,218
11/06/18	123946	WT1168	36-INCH MAG METER FOR WATER TREATMENT PLANT I	-	-	-
12/04/18	125343	WT1172	RAW WATER PUMP STATION AT WATER PLANT I - ENGINEERING PACKET NO. 4 (RFQ020-18)	29,201	-	-
12/04/18	125336	WT1173	HIGH SERVICE PUMP STATION NO. 1 AT WATER PLANT I - ENGINEERING PACKET NO. 4 (RFQ020-18)	38,308	38,308	-
12/04/18	125337	WT1174	HIGH SERVICE PUMP STATION NO. 2 AT WATER PLANT I - ENGINEERING PACKET NO. 4 (RFQ020-18)	23,775	23,775	-
12/04/18	125357	WT1175	HIGH SERVICE PUMP STATION (5 VERTICAL TURBINE PUMPS) AT WATER PLANT II - ENGINEERING PACKET NO. 4 (RFQ020-18)	27,577	27,577	-

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Capital Project Listing – FY 2022
For All Carryover Water & Wastewater Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
12/05/18	125392	WT1176	RAW WATER PUMP STATION AT WATER PLANT II - ENGINEERING PACKET NO. 4 (RFQ020-18)	21,238	21,238	-
04/28/21	135846 amended	WD1213	WATER VALVE REPLACEMENT PHASE 3 - ENGINEERING	49,413	49,413	721
12/16/20	140603 amended	WD1226	INSTALLING FIRST-TIME WATER SERVICE TO RESIDENTS OF TORRES ROAD EAST OF MILITARY HWY 281	62,344	1,906	-
10/01/20	164427	WA1273	WATER PLANT NO. 1 CAMERA SYSTEM	40,695	-	58,500
08/23/21	182386	WD1303	SOUTHMOST RD SURVEY FOR WATERLINE EXTENSION TO JOINT TACTICAL TRAINING FACILITY FROM DAKOTA AVE TO INDIANA AVE	13,699	-	-
01/03/22	190568	WA1319	ADVANCED METERING INFRASTRUCTURE - WATER	38,465	-	3,202,283
N/A	N/A	N/A	WATER PLANT NO. 2 ROOFING	-	-	-
N/A	N/A	N/A	CLARIFIERS DRAIN SLUDGE PUMP FOR WATER PLANT I	-	-	32,500
N/A	N/A	N/A	PUMP AND MOTOR REPLACEMENT OF RESERVOIR RAW WATER PUMP NUMBER 1 FOR WATER PLANT II	-	-	196,500
N/A	N/A	N/A	HIGH SERVICE PUMP STATION FOR WATER PLANT II	-	-	262,000
N/A	N/A	N/A	PUMP AND MOTOR REPLACEMENT OF RESERVOIR RAW WATER PUMP NUMBER 3 FOR WATER PLANT II	-	-	196,500
N/A	N/A	N/A	COAGULANT BULK TANK REPLACEMENT FOR WATER PLANT II	-	-	183,000
N/A	N/A	N/A	SODIUM CHLORITE BULK TANK REPLACEMENT FOR WATER PLANT II	-	-	50,000
N/A	N/A	N/A	AERATION TANKS REPLACEMENT FOR WATER PLANT II	-	-	128,170
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 7,026,893	\$ 1,130,954	\$ 4,326,610

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Capital Project Listing – FY 2022
For All Carryover Water & Wastewater Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
06/29/17	94651	WD5350	RESACA CROSSING SUBDIVISION ON HUDSON BLVD AND RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	4,347	2,351	-
03/01/18	108923	WD5360	SAN RAFAEL SUBDIVISION OFF OF CENTRAL AVENUE AND SALIDA DE LUNA DEVELOPER INSTALLED IMPROVEMENTS	1,685	1,685	-
06/29/18	115696	WD5369	LA CANTERA LEGACY APARTMENTS OFF OF RUBEN M TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ 6,032	\$ 4,036	\$ -
02/01/18	107227	WD6096	S OLD ALICE RD AND SUNSET DR UTILITY IMPROVEMENTS; ENGINEERING	3,000	113	-
02/01/18	107228	WD6097	TARA PLACE, DIX DRIVE AND HACIENDA LANE UTILITY IMPROVEMENTS OFF OF LA FERIA ROAD; ENGINEERING	4,431	-	-
03/27/18	110633	WD6101	624 VILLA VERDE WATER LINE ADJUSTMENT	-	-	-
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 7,431	\$ 113	\$ -
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ -	\$ -	\$ -
OVERALL CARRYOVER WATER UTILITY PROJECT TOTAL				\$ 7,040,355	\$ 1,135,103	\$ 4,326,610
09/29/22	123906 amended	ST1163	AEROBIC DIGESTER BLOWERS AT NWWTP ENGINEERING (RFQ020-18 PACKET 3) AND EQUIPMENT PURCHASE	217,947	179,320	13,970
12/11/18	123197 amended	ST1164	HIGH EFFICIENT BLOWERS AT SWWTP ENGINEERING (RFQ020-18 PACKET 5)	28,833	-	-
04/12/21	123235 amended	ST1165	INFLUENT CHANNEL AT SWWTP ENGINEERING (RFQ020-18 PACKET 5) AND CONSTRUCTION	113,172	27,330	9,321
03/30/21	123422 amended	ST1166	DIGESTER TANK REPLACEMENT AT SWWTP ENGINEERING (RFQ020-18 PACKET 5) AND CONSTRUCTION	930,795	170,828	99,670
03/30/21	123482 amended	ST1167	AERATION BASIN NO. 3 AT SWWTP ENGINEERING (RFQ020-18 PACKET 5) AND CONSTRUCTION	320,773	50,042	38,567
12/05/18	125393	ST1177	BELT FILTER PRESS AT SOUTH WASTEWATER TREATMENT PLANT - ENGINEERING PACKET NO. 4 (RFQ020-18)	23,184	23,184	93

continued

Capital Project Listing – FY 2022
For All Carryover Water & Wastewater Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
12/05/18	125395	ST1178	NON-POTABLE PUMP AND MOTOR NO. 1 AT SOUTH WASTEWATER TREATMENT PLANT - ENGINEERING PACKET NO. 4 (RFQ020-18)	26,377	24,883	-
12/05/18	125397	ST1179	NON-POTABLE PUMP AND MOTOR NO. 1 AT ROBINDALE WASTEWATER TREATMENT PLANT - ENGINEERING; PACKET NO. 4 (RFQ020-18)	29,349	29,349	-
08/25/20	159629 amended	ST1268	CHLORINE CONTACT CHAMBER SLUICE GATE REPLACEMENT PROJECT AT SWWTP - ENGINEERING AND CONSTRUCTION	-	-	52,189
03/30/21	169054 amended	ST1278	HEADWORKS GRIT SYSTEM UPGRADE AND RETROFIT (PACKET 5) AT SOUTH WWTP	2,741,068	215,896	356,442
02/10/21	172650	SC1285	PORTWAY PLACE SUBDIVISION UTILITY IMPROVEMENTS - COB STREET PROJECT	14,876	9,383	196,260
04/28/21	177196	SC1298	S INDIANA FM 511 UTILITY ADJUSTMENTS ON S INDIANA (FM 511) BETWEEN UTAH RD AND TORONJA RD	-	-	114,114
12/15/21	189980	SC1318	FM 802 RUBEN TORRES TXDOT PROJECT OFF OF RUBEN TORRES BLVD / CASTELLANO CIRCLE	9,141	5,312	-
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 4,455,515	\$ 735,526	\$ 880,627
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ -	\$ -	\$ -
N/A	N/A	SC6000	EMERGENCY WASTEWATER UTILITY REPLACEMENT <small>Activity for use when work order not available at time of emergency.</small>	23,488	-	-
12/12/17	104049	SC6095	PALM VILLAGE UTILITY IMPROVEMENTS AT 1400 PALM BLVD; ENGINEERING	7,793	7,793	50,000
02/01/18	107229	SC6098	RENTFRO BLVD UTILITY IMPROVEMENTS FROM SHIDLER DRIVE TO EASTERN BLVD; ENGINEERING	-	-	42,457
01/18/19	127765	SC6104	OLD PORT ISABEL ROAD 24-INCH DIAMETER FORCE MAIN REPLACEMENT BETWEEN PRICE ROAD AND RUBEN TORRES BLVD - ENGINEERING	4,328	4,328	-
02/19/21	152557 amended	SC6106	2020 CIP CONTRACT NO. 4 W LOS EBANOS BLVD - HONEYDALE TO EAST DRIVE CALLE GALAXIA - US 281 TO CALLE ESPACIO CALLE ESPACIO - CALLE GALAXIA TO CALLE PLUTON	584,716	96,869	10,414
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 620,326	\$ 108,991	\$ 102,870

continued

Capital Project Listing – FY 2022
For All Carryover Water & Wastewater Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
07/29/16	30301 amended	SC9265	SOUTH COLONIAS OF BROWNSVILLE CORONADO, COLONIA 21 SUBDIVISION, DOCKBERRY ESTATES, MILPA VERDE, AND PALOMA BLANCA ENGINEERING	964	-	-
08/23/21	30302 amended	SC9266	NORTH COLONIAS OF BROWNSVILLE LAS FLORES, PALACIOS, CENTRAL ESTATES, PRAXEDIS SALDIVAR, AND UNSERVED PORTIONS ALONG OLD PORT ISABEL RD; ENGINEERING	151,436	-	-
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ 152,400	\$ -	\$ -
OVERALL CARRYOVER WASTEWATER UTILITY PROJECT TOTAL				\$ 5,228,241	\$ 844,517	\$ 983,497
06/07/18	112900 amended	WD1110	BROWNSVILLE AIRPORT TERMINAL PROJECT AT 700 AMELIA EARHART DR	312	312	-
06/07/18	112909 amended	SC1110	DEVELOPER INSTALLED IMPROVEMENTS	388	-	-
02/22/22	172156 172157 amended	WD1283 SC1283	AVENIDA DE LA PLATA, ELSA STREET, MARVIS STREET AND SAN PEDRO LANE; CITY STREETS UTILITY IMPROVEMENTS - COB STREET PROJECT ENGINEERING	35,425 35,425	19,065 19,891	10,118 7,152
02/11/21	172672 172673	WD1284 SC1284	CALVIN STREET UTILITY IMPROVEMENT COB STREET PROJECT	13,048 13,048	4,513 4,513	6,211 6,211
07/27/22	172640 172645 amended	WD1286 SC1286	COB CONTRACT NO. 3 UTILITY IMPROVEMENTS AT JOSE MARTI BLVD, CALLE BUENOS AIRES, CALLE COSTA RICA AND CALLE NORTENA ENGINEERING AND CONSTRUCTION	111,513 510,061	111,513 -	- 280,760
06/22/20	N/A	WD3965	WATER UTILITY IMPROVEMENTS	-	-	-
06/22/20	N/A	SC3965	WASTEWATER UTILITY IMPROVEMENTS FOR THE ANNEX ADMIN. BUILDING	-	-	-
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 719,219	\$ 159,806	\$ 310,452
10/12/15	65798 65799	WD5327 SC5327	WINDSOR SUBDIVISION 3705 BOCA CHICA BLVD DEVELOPER INSTALLED IMPROVEMENTS	5,063 -	- -	- -
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ 5,063	\$ -	\$ -
02/01/18	107271	WD6099	LOS EBANOS BLVD UTILITY IMPROVEMENTS	19,335	-	-
02/01/18	107265	SC6099	BETWEEN EAST DRIVE AND HONEYDALE ROAD - ENGINEERING	3,814	3,814	50,000
04/22/22	177297	WD6107	E 15TH STREET UTILITY IMPROVEMENTS	2,776	2,042	401
04/22/22	177300 amended	SC6107	ON E 15TH ST BETWEEN JEFFERSON ST AND TYLER ST	2,470	-	167,423
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 28,395	\$ 5,855	\$ 217,824
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ -	\$ -	\$ -
OVERALL CARRYOVER WASTEWATER UTILITY PROJECT TOTAL				\$ 752,677	\$ 165,662	\$ 528,276
OVERALL CARRYOVER WATER UTILITY TOTAL				\$ 7,227,826	\$ 1,272,547	\$ 4,343,339
OVERALL CARRYOVER WASTEWATER UTILITY TOTAL				\$ 5,793,447	\$ 872,735	\$ 1,495,044
OVERALL CARRYOVER WATER & WASTEWATER UTILITY TOTAL				\$ 13,021,273	\$ 2,145,282	\$ 5,838,383

**Summary Expenditure Report
For All Carryover Projects – FY 2022
For All Other Capital Funds**

		FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET	CARRYOVER BUDGET TOTAL	FY 2023 APPROVED BUDGET	APPROVED BUDGET TOTAL
FUTURE DEBT BOND PROCEEDS	\$	13,946,341	\$ 3,274,402	\$ 5,883,878	\$ 9,158,280	\$ 28,032,326	\$ 37,190,606
PROJECTS (COMMERCIAL PAPER)							
TOTAL							
IMPACT FEES TOTAL		2,340,603	-	1,992,126	1,992,126	2,569,007	4,561,133
GRANT FUNDS TOTAL		-	-	-	-	1,925,900	1,925,900
OTHER CAPITAL FUNDS APPROVED							
BUDGET TOTAL	\$	16,286,944	\$ 3,274,402	\$ 7,876,004	\$ 11,150,406	\$ 32,527,233	\$ 43,677,639

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Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
09/21/21	185261	EA1307	FIBER OPTIC LINE EXTENSION TO SPACEX PHASE 1 - OFF OF S CENTRAL AVE ALONG MORNINGSIDE RD TO 1900 BILLY MITCHELL BLVD PHASE 2 - FROM BILLY MITCHELL BLVD, S IOWA AVE AND LES MAULDIN RD TO 2100 LES MAULDIN RD	18,393	-	-
N/A	N/A	ED1000	ELECTRIC SYSTEM CONSTRUCTION CONTRACT - ELECTRIC DISTRIBUTION	176,669	-	-
08/16/17	97220	ED1069	POLE REPLACEMENTS AT POWER PLANT FEEDER OFF OF W LEVEE ST, E 2ND STREET & E 14TH STREET	57,815	-	-
11/02/21	187752	ED1320	101 SAINT JOSEPH DR - ALTERNATIVE FEEDER ST JOSEPH ACADEMY	22,154	-	-
12/01/21	189099	ED1321	244 SECURITY DR AUTOZONE	9,901	-	-
02/01/22	191923	ED1323	POLE REPLACEMENTS AT 535 AVENIDA DE LA PLATA, 4 CALLE CENIZO, 837 W WASHINGTON ST, 127 WOOD AVE, SAM PERL BLVD & E SAINT FRANCIS, 1727 E VAN BUREN ST AND 734 W LEVEE ST	33,043	-	-
06/27/19	137370	ED3965	ALTERNATE SERVICE FEEDER FOR ANNEX	15,417	-	-
04/26/19	133788	ED5431	ROSEWOOD ESTATES SECTION I OFF OF FM 1732 AND SUMMER HILL BLVD	28,145	-	-
08/04/20	160415	ED5451	THE GROVES: PHASE I - BUTTERFLY GROVE OFF OF OLD ALICE RD	149,758	-	-
04/01/21	175741	ED5452	QUEENSLAND IV SUBDIVISION OFF OF ABBEY CT AND FRIAR'S CT	49,679	-	-
09/10/21	184693	ED5457	THE HEIGHTS AT RIVER BEND SUBDIVISION (121 LOTS) OFF OF US HIGHWAY 281 AND NEW CARMEN AVENUE	207,515	-	-
03/18/21	174996	ED5458	LAGO VISTA SECTION III OFF OF SAN ANDRES ST	84,130	-	-
11/17/21	188673	ED5460	ROSEWOOD ESTATES PHASE 2 (53 LOTS) OFF OF SUMMERHILL BLVD & FM 1732	80,990	-	-
07/22/21	182120	ED5463	SUMMER LAKES SUBDIVISION PHASE I (89 LOTS) OFF OF SUMMERHILL BLVD	176,268	-	-
06/23/22	199521	ED5465	MAJESTIC PALM HEIGHTS SUBDIVISION, PHASE 1 OFF OF STAGECOACH TRAIL	68,698	65,644	-

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
06/17/22	199298	ED5466	2393 MCALLEN RD LANDMARK CONDOMINIUMS (19 UNITS)	1,750	1,750	-
07/19/22	200741	ED5467	CAJUN FARMS SUBDIVISION SECTION 3 OFF OF ABREGO ROAD	108,470	108,470	-
07/27/22	201038	ED5468	3721 E RUBEN TORRES BLVD MIDTOWN APARTMENTS PHASE 1	80,426	80,426	-
01/08/20	148483	ED7791	CALLE ANACUA	15,380	-	-
01/07/20	148439	ED7807	3226 COFFEE RD	553	-	-
10/05/20	164543	FD2199	6 FRUITDALE TERRACE	271	-	-
05/05/22	197072	FD2242	SECURITY LIGHTING FOR POWER PLANT AND WATER PLANT I	17,908	0	-
02/11/22	192636	FD2250	2801 N CORIA ST SECURITY LIGHTING FOR LA JOLLA SUBDIVISION	1,329	-	-
05/17/21	178308	FD4766	318 MCFADDEN DR	-	-	-
05/19/21	178637	FD4767	1144 INTERNATIONAL BLVD	1,553	-	-
06/10/21	179869	FD4768	529 PAREDES LINE RD	-	-	-
05/06/21	177629	FD4770	130 DOWNS DR	5,231	-	-
09/09/21	184617	FD4785	77 EXPWY 77 S FRONTAGE RD	4,392	-	-
08/20/21	183689	FD4787	704 PAREDES LINE RD	-	-	-
09/13/21	184823	FD4792	1995 MILITARY HWY CIRCLE K	26,517	-	-
10/28/21	187564	FD4796	208 DIX DRIVE	2,944	-	-
10/29/21	187673	FD4797	225 PARK STREET	4,448	-	-
11/29/21	188985	FD4799	221 N CENTRAL AVENUE	5,685	-	-
01/07/22	190790	FD4801	2954 IMPALA DR	1,973	-	-
11/04/21	188009	FD4803	129748 OLD STATE HIGHWAY 48	8,137	-	-
01/27/22	191694	FD4804	12 MICHAEL CIR	11,678	-	-
11/04/21	188035	FD4805	813 PAREDES LINE RD	9,454	9,454	-
12/13/21	189826	FD4806	1000 SPORTS PARK BLVD	4,841	-	-
02/17/22	192923	FD4810	25 JUAREZ ST	-	-	-

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
03/21/22	194470	FD4812	1414 RUBEN M TORRES BLVD PERMANENT SERVICE	1,001	-	-
03/15/22	194196	FD4813	5 BOCA CHICA BLVD	886	-	-
04/11/22	195615	FD4816	3005 E 26TH STREET	1,973	-	-
04/19/22	195983	FD4820	2345 E PRICE RD HACIENDA FORD	12,637	-	-
01/18/22	191270	FD4828	3300 S EXPRESSWAY 77 OFF OF LOS TOMATES BRIDGE	9,661	9,661	-
04/14/22	195838	FD4832	159000 R L OSTOS RD OFF OF SOUTH PORT CONNECTOR	5,636	-	-
05/17/22	197656	FD4833	205 RANCH ALTO UNDERGROUND CONDUIT TO LOS FRESNOS MIDDLE SCHOOL	3,533	3,533	-
05/17/22	197658	FD4835	1260 RUBEN M TORRES BLVD	12,557	-	-
05/25/22	197979	FD4843	1164 PAREDES LINE RD	-	-	-
06/07/22	198617	FD4846	2370 N EXPRESSWAY 77 BUBBA'S 33	8,300	8,300	-
06/10/20	157262	FD6771	395 CALLE JACARANDA	-	-	-
02/01/21	171922	FD6810	418 VILLA VERDE DR	2,491	-	-
04/20/21	176747	FD6823	127 BATES ST	2,977	1,000	-
05/24/21	178843	FD6828	CHEMICAL RD AND CANTU RD	-	-	-
05/19/21	178633	FD6831	871 OLD ALICE RD	3,888	-	-
09/22/21	185302	FD6844	1995 MILITARY HWY	3,992	-	-
11/29/21	189022	FD6845	9950 OLD STATE HWY 48	8,565	-	-
04/18/22	195889	FD6856	1345 DURANTA LANE	2,467	-	-
02/16/22	192853	FD6858	98 OLD MILITARY HWY GUY WIRES REPLACEMENT FOR WEST RAIL TRAIL PROJECT	4,543	0	-
06/30/22	199800	FD6869	JAIME J ZAPATA AND ROBINDALE RD FEEDER EXTENSION TO SATA	-	-	-
08/04/22	201499	FD6874	CORNER OF OSCAR DANCY / RUBEN M TORRES BLVD	-	-	-
N/A	N/A	N/A	ELECTRIC SYSTEM UTILITY CONTRACT BUDGET	-	-	914,798
ELECTRIC SYSTEM CONSTRUCTION CONTRACT TOTAL				\$ 1,576,620	\$ 288,238	\$ 914,798

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
09/19/16	79344	SP1008	LS 159 MOTOR CONTROL CENTER BUILDING AND ELECTRICAL UPGRADES	-	-	-
09/22/16	79548	SP1012	LIFT STATION NO. 68 REHABILITATION AT 4700 STAGECOACH TRAIL	6,939	6,939	-
09/22/16	79561	SP1013	LIFT STATION NO. 69 REHABILITATION AT 1580 LA POSADA DRIVE	18,347	18,347	-
11/01/16	81873	SA1023	A/C REPLACEMENT IN ADMIN. BUILDING OF SOUTH WASTEWATER TREATMENT PLANT	-	-	-
09/12/22 amended	83301	WD1025	2.0 MG ELEVATED STORAGE TANK DESIGN AND ENGINEERING	-	-	-
02/10/17	87796	SP1044	LIFT STATION NO. 9 PUMP REPLACEMENT	-	-	-
12/14/17	104167	SC1086	BROWNSVILLE SOUTH PADRE ISLAND INTERNATIONAL AIRPORT EDA CARGO FACILITY DEVELOPER INSTALLED IMPROVEMENTS	2,625	2,625	-
03/27/18	110594	SP1104	LIFT STATION NO. 9 PUMP REPLACEMENT	-	-	-
11/15/18 amended	121496	SP1135	LIFT STATION NO. 9 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	31,400	-	-
11/15/18 amended	121769	SP1136	LIFT STATION NO. 17 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	8,274	2,962	2,329
11/15/18 amended	121770	SP1137	LIFT STATION NO. 72 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	27,872	22,560	2,329
11/15/18 amended	121771	SP1138	LIFT STATION NO. 95 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	31,922	26,610	2,329
11/15/18 amended	121772	SP1139	LIFT STATION NO. 99 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	31,922	26,610	2,329
08/30/22 amended	121773	SP1140	LIFT STATION NO. 15 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 2 (RFQ Q020-18) - ENGINEERING AND CONSTRUCTION	1,963,984	-	-
12/21/18 amended	121774	SP1141	LIFT STATION NO. 63 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 2 (RFQ Q020-18)	62,368	-	-
12/21/18 amended	121775	SP1142	LIFT STATION NO. 106 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 2 (RFQ Q020-18)	35,960	-	-

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
11/15/18	122410 amended	SP1145	LIFT STATION NO. 89 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	31,922	26,610	2,329
11/15/18	122450 amended	SP1146	LIFT STATION NO. 96 DECOMMISSION ENGINEERING (RFQ020-18 PACKET 1)	31,922	26,610	2,329
07/18/19	122385 amended	SP1147	LIFT STATION NO. 10 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	31,922	-	-
11/15/18	122394 amended	SP1148	LIFT STATION NO. 11 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	31,922	-	-
11/15/18	122396 amended	SP1149	LIFT STATION NO. 28 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	31,922	26,610	2,329
11/15/18	122401 amended	SP1150	LIFT STATION NO. 43 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	29,808	23,095	406,713
11/15/18	122406 amended	SP1151	LIFT STATION NO. 58 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	31,922	26,610	5,312
08/30/22	122468 amended	SP1152	LIFT STATION NO. 47 REHABILITATION NO. 2 (RFQ Q020-18) - ENGINEERING AND CONSTRUCTION	713,339	638,469	54,734
01/08/19	122486 amended	SP1153	LIFT STATION NO. 51 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	31,042	25,021	232,979
01/08/19	122494 amended	SP1154	LIFT STATION NO. 67 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	34,221	27,838	358,763
01/08/19	122553 amended	SP1155	LIFT STATION NO. 80 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	32,789	26,713	4,370
01/08/19	122554 amended	SP1156	LIFT STATION NO. 101 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	38,373	30,860	5,404
01/08/19	122555 amended	SP1157	LIFT STATION NO. 105 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	33,511	27,272	308,565
03/04/22	124094 amended	SP1160	LIFT STATION NO. 140 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1) & CONSTRUCTION	675,038	525,468	107,902
09/29/22	123906 amended	ST1163	AEROBIC DIGESTER BLOWERS AT NWWTP EQUIPMENT PURCHASE (RFQ020-18 PACKET 3)	558,308	-	-
12/04/18	125337	WT1174	HIGH SERVICE PUMP STATION NO. 2 AT WATER PLANT I - CONSTRUCTION	-	-	260,000

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
01/28/19	128395	WT1189	REPLACEMENT OF INFLUENT VALVES FOR 8 FILTERS AT WATER PLANT I - ENGINEERING	-	-	-
01/28/19	128470	WT1190	REPLACEMENT OF DRAIN VALVES FOR DRYING LAGOONS AT WATER PLANT I - ENGINEERING	6,890	6,890	51,610
02/26/19	130200	WD1192	BOCA CHICA MEDIAN PROJECT	-	-	-
02/25/19	130101	SC1192	ON BOCA CHICA BLVD FROM EXPRESSWAY 83 TO HIGHWAY 48	-	-	-
07/27/22	127758 amended	WD1201	39-INCH DIAMETER RAW WATER LINE REPLACEMENT AT ROTARY PARK - ENGINEERING AND CONSTRUCTION	839,331	-	25,445
04/23/19	131948 amended	WT1202	HIGH SERVICE PUMP NO. 3 REPLACEMENT AT WATER PLANT I	4,804	-	-
04/28/21	135846 amended	WD1213	WATER VALVE REPLACEMENT PHASE 3 - CONSTRUCTION	108,141	54,801	304,842
12/03/19	146429	SA1245	NWWTP BLOWER BUILDING NO. 1 ROOF REPLACEMENT	6,112	6,112	-
12/02/19	146371	ST1246	REPLACEMENT OF EFFLUENT RIVER PUMP AND MOTOR NO. 3 AT SWWTP	16,296	-	-
01/22/20	149188	ST1254	4 EACH BLOWER REPLACEMENTS AT SOUTH WASTEWATER TREATMENT PLANT	44,304	44,304	-
09/30/22	148831 amended	ST1255	REHABILITATION OF VACUUM TRUCK UNLOADING STATION - ENGINEERING; AT ROBINDALE WASTEWATER TREATMENT PLANT	42,973	42,973	-
02/28/20	151468	ST1257	THREE SLUICE GATE VALVE REPLACEMENT AT ROBINDALE WASTEWATER TREATMENT PLANT	9,372	9,372	-
05/13/20	152926 amended	ST1261	FOUR TORQUE VALVE ACTUATORS FOR THE TRAIN INLET ISOLATION VALVES AT THE ROBINDALE WWTP - ENGINEERING	22,951	22,951	-
08/25/20	159629 amended	ST1268	CHLORINE CONTACT CHAMBER SLUICE GATE REPLACEMENT PROJECT AT SWWTP	15,991	-	-
08/17/20	161279	WD1271	EMERGENCY BY-PASS PUMPS FOR WATER PLANT I AND II - ENGINEERING	-	-	-
10/09/20	165034	EA1274	SCADA COMMUNICATION ENHANCEMENT PROJECT	-	-	-
12/17/20	167872 amended	WT1276	CHLORINATION ROOM CANOPY AND HOIST IMPROVEMENTS AT WATER PLANT I - ENGINEERING	11,182	-	-

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
12/22/20	169492	ET1279	56 MVA NORTH-WEST DISTRIBUTION SUBSTATION - ENGINEERING AND LAND PURCHASE	294,942	-	289,942
02/22/22	172156	WD1283	AVENIDA DE LA PLATA, ELSA STREET, MARVIS	737,178	737,178	572
	172157 amended	SC1283	STREET AND SAN PEDRO LANE; CITY STREETS UTILITY IMPROVEMENTS - COB STREET PROJECT CONSTRUCTION	790,781	-	-
02/10/21	172649	WD1285	PORTWAY PLACE SUBDIVISION UTILITY IMPROVEMENTS - COB STREET PROJECT	14,876	-	-
07/27/22	172640	WD1286	COB CONTRACT NO. 3 UTILITY IMPROVEMENTS	1,084,209	-	-
07/27/22	172645 amended	SC1286	AT JOSE MARTI BLVD, CALLE BUENOS AIRES, CALLE COSTA RICA AND CALLE NORTENA - CONSTRUCTION	323,322	-	-
06/11/21 amended	142667	SA1301	SCADA LS CONTROL PANEL PURCHASE AND INSTALLATION	89,188	-	-
12/15/21	189929	ED1316	SECOND POWER TRANSFORMER FOR THE WATER PORT SUBSTATION - ENGINEERING	117,007	52,644	81,212
03/08/22	193906	WT1325	REPLACEMENT OF BACKWASH WASTE PUMP AT WATER PLANT II	121,568	121,568	9,432
04/29/22	196678	ET1330	PURCHASE OF 9 EACH SEL 787 XFMR DIFFERENTIAL RELAYS TO REPLACE LEGACY OVERCURRENT AND XFMR DIFFERENTIAL PROTECTION RELAYS	54,484	54,484	-
12/03/13	42653	WD3888	MARTINAL AREA WATER SYSTEM LOOPS OFF OF OLD PORT ISABEL ROAD AND FM 802 - ENGINEERING	22,809	22,809	0
08/09/17 amended	47262	EA3909	ELECTRIC SCADA SYSTEM - INSTALLATION AND REPLACEMENT	-	-	168,234
10/17/19 amended	80540	GA3965	ADMINISTRATION BUILDING ANNEX - CONSTRUCTION SERVICES - FURNITURE, FIXTURES AND EQUIPMENT	- 1,370,715	- -	- -
06/29/17	94653	SC5350	RESACA CROSSING SUBDIVISION ON HUDSON BLVD AND RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	3,353	-	-
03/01/18	108924	SC5360	SAN RAFAEL SUBDIVISION OFF OF CENTRAL AVENUE AND SALIDA DE LUNA DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
06/29/18	115695	SC5369	LA CANTERA LEGACY APARTMENTS OFF OF RUBEN M TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	2,074	2,074	-

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
12/27/18	126604	WD5381	CROSS COUNTRY TRAILS SUBDIVISION SECTION 8	2,801	2,801	-
12/27/18	126605	SC5381	OFF OF BARBWIRE LN AND SAGEBRUSH RD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
01/04/19	126926	WD5382	QUEENSLAND SUBDIVISION, SECTION 2	1,924	1,924	-
01/04/19	126933	SC5382	DEVELOPER INSTALLED IMPROVEMENTS	2,109	2,109	-
04/15/19	133038	WD5385	CENTRAL PARK COMMUNITY CENTER SUBDIVISION OFF OF DOUGLAS WAY AND ALEXA DRIVE DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
06/12/19	136483	WD5388	SANDLEWOOD SUBDIVISION	-	-	-
06/12/19	136484	SC5388	DEVELOPER INSTALLED IMPROVEMENTS	3,502	3,502	-
06/12/19	136474	SC5389	ESPERANZA SUBDIVISION OFF OF HOUSTON ROAD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
08/05/19	139636	SC5390	LOERA WAREHOUSE NO. 12 1505 CENTRAL AVENUE DEVELOPER INSTALLED IMPROVEMENTS	487	487	-
08/07/19	139848	WD5391	PALMETTO GROVE SUBDIVISION, PHASE II, REPLAT	4,173	4,173	-
	139851	SC5391	INTERSECTION OF SOUTH DAKOTA AVE AND SOUTHMOST RD; DEVELOPER INSTALLED IMPROVEMENTS	1,850	1,850	-
10/08/19	143369	WD5395	HONDA DEALERSHIP OFF OF BROWNSVILLE SPORTS PARK DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
03/06/20	151863	WD5400	TIPTON MOTORS SUBDIVISION REPLAT NO. 2	606	606	-
03/06/20	151864	SC5400	OFF OF MORRISON ROAD / REAR OF TIPTON MOTORS DEVELOPER INSTALLED IMPROVEMENTS	927	927	-
03/06/20	151882	WD5401	JARDINES DE SEVILLA SUBDIVISION	-	-	-
03/06/20	151889	SC5401	OFF OF CENTRAL AVENUE / MCKENZIE ROAD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
04/08/20	153518	WD5406	JEAN SUBDIVISION	2,880	2,880	-
04/08/20	153512	SC5406	INTERSECTION OF W TANDY RD AND GREEN CT DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
04/09/20	153559	WD5407	LAS VILLAS DEL SOL SUBDIVISION, SECTION 2	1,757	1,757	-
04/09/20	153557	SC5407	OFF OF VILLA SOLEDAD STREET DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
07/10/20	158794	WD5409	CASITA LANTANA PROJECT OFF OF DANA AVENUE AND WESTWIND DRIVE DEVELOPER INSTALLED IMPROVEMENTS	-	-	-

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
07/13/20	158952	WD5410	HEWL WAREHOUSE	-	-	-
	158959	SC5410	1930 ANEI CIRCLE DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
09/14/20	162987	WD5412	IDEA ACADEMY SPORTS PARK SUBDIVISION	3,067	3,067	-
	162984	SC5412	OFF OF OLD ALICE RD AND SPORTS PARK BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
09/15/20	163099	WD5413	SAN JOSE SUBDIVISION	1,800	1,800	-
	163100	SC5413	OFF OF LAKESIDE BLVD / W 16TH STREET DEVELOPER INSTALLED IMPROVEMENTS	1,141	1,141	-
11/03/20	166484	WD5414	TRAILS VILLAGE SUBDIVISION	-	-	-
	166489	SC5414	2701 PAREDES LINE RD DEVELOPER INSTALLED IMPROVEMENTS	2,861	2,861	-
04/07/21	175912	WD5421	DE LOS REYES VILLA'S SECTION II SUBDIVISION	2,248	1,106	-
04/08/21	175913	SC5421	OFF OF DE LOS REYES DR / WELLINGTON DR DEVELOPER INSTALLED IMPROVEMENTS	3,354	478	-
04/15/21	176407	WD5422	LA'MORE APARTMENTS WATERLINE EXTENSION ON VERMILLION ROAD DEVELOPER INSTALLED IMPROVEMENTS	1,808	464	-
05/03/21	177413	WD5423	PUNTO VALLE APARTMENTS 1100 E RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
05/03/21	177406	WD5424	LA JOLLA SUBDIVISION	-	-	-
	177408	SC5424	OFF OF CORIA STREET / MEDIA LUNA ROAD DEVELOPER INSTALLED IMPROVEMENTS	3,326	2,455	-
03/29/21	175578	WD5425	GARDEN WOODS SUBDIVISION, SECTION III	3,147	-	-
	175579	SC5425	OFF OF GARDEN WOODS AVENUE DEVELOPER INSTALLED IMPROVEMENTS	85	-	-
05/28/21	179137	WD5426	NORTHSTAR AT OLD ALICE ROAD	2,825	2,141	-
05/28/21	179144	SC5426	SUBDIVISION; OFF OF OLD ALICE ROAD DEVELOPER INSTALLED IMPROVEMENTS	1,790	-	-
06/14/21	180073	WD5427	SUMMER LAKE SUBDIVISION, PHASE I	4,323	-	-
06/14/21	180074	SC5427	OFF OF SUMMER HILL BLVD DEVELOPER INSTALLED IMPROVEMENTS	3,139	-	-
08/12/21	183325	WD5428	LAZY ACRES ESTATES SECTION 2	1,250	659	-
08/12/21	183330	SC5428	OFF OF LAZY ACRES RD DEVELOPER INSTALLED IMPROVEMENTS	2,569	2,357	-
09/15/21	184893	WD5429	TERRALTA DEVELOPMENT SUBDIVISION	3,781	-	-
09/15/21	184900	SC5429	OFF OF SOUTHMOST R / ALEXA DRIVE DEVELOPER INSTALLED IMPROVEMENTS	5,550	1,096	-
10/04/21	185862	WD5430	PASEO RESIDENCIAL SUBDIVISION, SECTION I	3,537	1,887	-
10/04/21	185863	SC5430	OFF OF ROBINDALE ROAD / MORRISON ROAD DEVELOPER INSTALLED IMPROVEMENTS	5,000	1,783	-
10/04/21	185868	WD5431	APPLE WOODS SUBDIVISION, PHASE I	3,537	3,187	-
10/04/21	185870	SC5431	OFF OF GARDEN WOODS AVENUE DEVELOPER INSTALLED IMPROVEMENTS	4,841	-	-

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
10/05/21	185966	WD5432	MAJESTIC PALM HEIGHTS SUBDIVISION, PHASE I	3,455	2,868	-
10/05/21	185969	SC5432	OFF OF STAGECOACH TRAIL DEVELOPER INSTALLED IMPROVEMENTS	4,841	-	-
10/08/21	186380	WD5433	CIRCLE K STORE NO. 2741543	3,537	-	-
10/08/21	186384	SC5433	OFF OF HWY 281 / ALTON GLOOR BLVD DEVELOPER INSTALLED IMPROVEMENTS	3,468	1,119	-
10/08/21	186389	WD5434	SUMMER LAKES PHASE II SUBDIVISION	4,079	3,543	-
10/08/21	186390	SC5434	OFF OF SUMMER HILLS BLVD DEVELOPER INSTALLED IMPROVEMENTS	6,229	-	-
10/08/21	186391	SC5435	SOUTH BROWNE SUBDIVISION OFF OF S. BROWNE ROAD DEVELOPER INSTALLED IMPROVEMENTS	3,750	1,258	-
10/15/21	186802	WD5436	SANTANDER COMMERCIAL SUBDIVISION	1,855	822	-
10/15/21	186803	SC5436	OFF OF LAREDO ROAD DEVELOPER INSTALLED IMPROVEMENTS	1,855	-	-
11/10/21	188421	WD5437	EL NARANJAL SUBDIVISION, SECTION XI	2,929	1,530	-
11/10/21	188425	SC5437	OFF OF TAMARINDO LANE / TORONJA AVENUE DEVELOPER INSTALLED IMPROVEMENTS	4,052	838	-
12/20/21	190163	WD5438	EL BOSQUE SUBDIVISION	3,455	2,905	-
12/20/21	190164	SC5438	OFF OF LA POSADA CIRCLE DEVELOPER INSTALLED IMPROVEMENTS	4,518	2,432	-
11/18/21	188730	WD5439	GARDEN OAKS SUBDIVISION	2,929	2,426	-
	188731	SC5439	OFF OF SALIDA DE LUNA RD DEVELOPER INSTALLED IMPROVEMENTS	3,421	-	-
01/20/22	191424	WD5440	LUNAR ESTATES SUBDIVISION, SECTION I	3,474	2,673	-
01/20/22	191427	SC5440	OFF OF BOCA CHICA BLVD / NARANJAL DR DEVELOPER INSTALLED IMPROVEMENTS	5,103	4,036	-
01/28/22	191754	WD5441	UTRGV SCHOOL OF MEDICINE VIVARIUM & OFFICE OFF OF E 24TH STREET DEVELOPER INSTALLED IMPROVEMENTS	2,733	-	-
03/01/22	193361	WD5442	LOT 5 BROWNSVILLE INDUSTRIAL PARK SUBDIVISION	3,526	2,705	-
03/01/22	193371	SC5442	MIDTOWN APARTMENTS DEVELOPER INSTALLED IMPROVEMENTS	2,782	1,565	-
03/07/22	193851	WD5443	LOS FRESNOS CISD MIDDLE SCHOOL AT RANCHO VERDE; OFF OF FM 511 IN RANCHO VERDE SECTION II SUBDIVISION DEVELOPER INSTALLED IMPROVEMENTS	3,474	-	-
03/09/22	193983	SC5444	OSALKA SUBDIVISION WASTEWATER IMPROVEMENT OFF OF ARKANSAS AVENUE	6,902	6,902	-

continued

Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
03/16/22	194223	WD5445	QUEENSLAND SUBDIVISION SECTION NO. 5	2,774	2,007	-
03/16/22	194226	SC5445	OFF OF DENNETT ROAD / STAGECOACH TRAILS DEVELOPER INSTALLED IMPROVEMENTS	4,273	988	-
04/18/22	195891	WD5446	UTRGV INTERDISCIPLINARY ACADEMIC BUILDING (BINAB) DEVELOPER INSTALLED IMPROVEMENTS	3,537	-	-
04/19/22	195967	WD5447	HEAVEN'S GATE SUBDIVISION	2,397	1,671	-
	195978	SC5447	OFF OF RUBEN TORRES BLVD AND GAMEZ DR DEVELOPER INSTALLED IMPROVEMENTS	2,397	-	-
05/13/22	197531	WD5448	LA JOLLA ESTATES SUBDIVISION	3,701	3,471	-
	197533	SC5448	OFF OF RUBEN TORRES BLVD AND COULTER ROAD DEVELOPER INSTALLED IMPROVEMENTS	6,171	4,165	-
05/19/22	197816	WD5449	ONE HUNDRED OAKS SUBDIVISION	3,661	3,424	-
	197806	SC5449	OFF OF ROBINDALE ROAD DEVELOPER INSTALLED IMPROVEMENTS	5,706	5,469	-
05/25/22	198010	WD5450	PRICE LOFTS SUBDIVISION	2,733	2,392	-
	198015	SC5450	OFF OF SOUTH PRICE ROAD DEVELOPER INSTALLED IMPROVEMENTS	4,414	4,072	-
06/27/22	199613	WD5451	DAKOTA GARDENS SUBDIVISION	3,537	3,537	-
	199614	SC5451	OFF OF SOUTH DAKOTA AVE / DOCKBERRY ROAD DEVELOPER INSTALLED IMPROVEMENTS	5,349	5,349	-
06/27/22	199616	WD5452	LOERA ONE SUBDIVISION, PHASE I	3,537	3,242	-
	199617	SC5452	OFF OF DOCKBERRY ROAD / SOUTH DAKOTA AVE DEVELOPER INSTALLED IMPROVEMENTS	5,349	5,054	-
06/27/22	199622	WD5453	CENTRAL PARK COMMUNITY SUBDIVISION,	3,537	3,061	-
	199623	SC5453	SECTION II, OFF OF CENTRAL AVE / SALIDA DEL LUNA DEVELOPER INSTALLED IMPROVEMENTS	5,349	5,104	-
06/27/22	199625	WD5454	WOODS COUNTRY SUBDIVISION, SECTION I	3,537	1,925	-
	199626	SC5454	OFF OF DENNETT ROAD DEVELOPER INSTALLED IMPROVEMENTS	6,058	5,716	-
06/27/22	199659	WD5455	ROSEWOOD ESTATES SECTION III	3,537	3,152	-
	199663	SC5455	OFF OF FM 1732 / SUMMERHILL BLVD DEVELOPER INSTALLED IMPROVEMENTS	5,592	4,752	-
07/06/22	199965	WD5456	LAUNCH PAD SUBDIVISION	2,765	2,189	-
	199983	SC5456	INTERSECTION OF BOCA CHICA BLVD AND INDIANA AVE DEVELOPER INSTALLED IMPROVEMENTS	2,765	1,683	-
09/19/22	203593	WD5457	DUNNCO SUBDIVISION	2,595	2,411	-
09/26/22	203900	SC5457	INTERSECTION OF RUBEN TORRES AND MINNESOTA DEVELOPER INSTALLED IMPROVEMENTS	2,082	2,082	-

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Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
09/27/22	203963	WD5458	THE WOODS SUBDIVISION SECTION II	2,973	2,973	-
	203964	SC5458	INTERSECTION OF DENNETT RD AND STONE OAK DR DEVELOPER INSTALLED IMPROVEMENTS	4,657	4,657	-
09/28/22	204007	SC5459	AV LOPEZ SUPERMARKET INTERSETION OF PAREDES LINE RD AND PINEDA RD DEVELOPER INSTALLED IMPROVEMENTS	2,489	2,489	-
N/A	N/A	WD6000	EXPENDITURES FOR WATER METER VAULT REPLACEMENT PROJECT	21,600	-	41,478
02/19/21	152556 amended	WD6106	2020 CIP CONTRACT NO. 4 - ENGINEERING - CONSTRUCTION W LOS EBANOS BLVD - HONEYDALE TO EAST DRIVE CALLE GALAXIA - US 281 TO CALLE ESPACIO CALLE ESPACIO - CALLE GALAXIA TO CALLE PLUTON	3,372 562,933	3,372 72,268	5,633 -
06/16/21	180253	WD6108	JUBILEE BROWNSVILLE OFF OF MAIN ST. AND AMERICA DR. DEVELOPER INSTALLED IMPROVEMENTS	1,847	171	-
09/23/21	185352	WD6109	OUT OF THE PARK SUBDIVISION	1,372	778	-
05/12/21	178061	SC6109	OFF OF FM 802	-	-	-
04/07/22	195421	SC6110	WASTERWATER LINE EXTENSION TO LOTS 2, 3 & 4 OF MEDIA LUNA ESTATES SUBDIVISION OFF OF RUBEN TORRES BLVD / OLD ALICE RD	17,000	8,200	-
N/A	N/A	SC9001	NEW CONNECTIONS-NO PROJ NUMBER ASSIGNED	171,300	-	-
N/A	N/A	WD9001	NEW CONNECTIONS-NO PROJ NUMBER ASSIGNED	586,808	-	-
05/28/15	33849 amended	SC9272	FM 511-802 COLONIA AREAS CONSTRUCTION	-	-	68,080
10/29/19	144749	WD9282	OLD PORT ISABEL ROAD DRAINAGE IMPROVEMENTS CONNECTIONS DUE TO COUNTY'S ROAD SIDE DITCH GRADING PROJECT	2,426	2,426	-
06/08/20	157047	SC9284	8" PVC SEWER LINE EXTENSION TO SERVE 1170 PAREDES LINE RD	442	442	-
03/02/22	193445	WD9287	2655 CENTRAL BLVD JUST A CLOSET #5 SUBDIVISION	4,384	4,384	-

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Capital Project Listing – FY 2022
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
06/08/22	198721	WD9288	7869 BOCA CHICA BLVD BROWNSVILLE FD-OR BOCA CHICA SUBDIVISION	3,986	3,986	-
N/A	N/A	N/A	30TH STREET ELEVATED STORAGE TANK WATERLINE PROJECT	-	-	-
N/A	N/A	N/A	NEW CONNECTIONS AND NEW SUBDIVISIONS - WATER UTILITY CARRYOVER BUDGET	-	-	121,284
N/A	N/A	N/A	NEW CONNECTIONS AND NEW SUBDIVISIONS WASTEWATER UTILITY CARRYOVER BUDGET	-	-	34,576
N/A	N/A	N/A	REPLACE 138 KV BREAKERS: 1 AT MILITARY HWY, 2 AT MIDTOWN, 1 AT 6TH STREET, 2 AT FILTER PLANT, 3 AT POWER PLANT SUBSTATIONS AND 1 SPARE	-	-	776,980
N/A	N/A	N/A	SCADA YARD COMMUNICATION TOWER - PHASE 2 AND 3	-	-	277,800
N/A	N/A	N/A	18-INCH WATERLINE ALONG OLD HWY 77 AND FM 511 TO OLD ALICE RD	-	-	202,000
N/A	N/A	N/A	LIFT STATION NO. 44 REHABILITATION - ENGINEERING AND CONSTRUCTION	-	-	622,912
N/A	N/A	N/A	LIFT STATION NO. 65 A PUMP REPLACEMENT	-	-	62,000
N/A	N/A	N/A	LIFT STATION NO. 65 B PUMP REPLACEMENT	-	-	64,000
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 13,946,341	\$ 3,274,402	\$ 5,883,878
ELECTRIC UTILITY TOTAL:				\$ 2,043,053	\$ 395,366	\$ 2,231,166
GENERAL & ADMINISTRATIVE UTILITY:				1,370,715	-	277,800
WATER UTILITY TOTAL:				4,265,439	1,114,004	1,022,298
WASTEWATER UTILITY TOTAL:				6,267,133	1,765,032	2,352,614
OVERALL COMMERCIAL PAPER FUND TOTAL				\$ 13,946,341	\$ 3,274,402	\$ 5,883,878

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Capital Project Listing – FY 2022
For All Carryover Projects
Impact Fees Fund Projects (Fund 410)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
02/12/19	81898 amended	WD1022	16-INCH WATERLINE LOOP FROM W. ALTON GLOOR BLVD TO LAGO VISTA	317,525	-	-
03/03/21	173899	WD1289	BOCA CHICA BLVD WATERLINE UPGRADE FROM INTERNATIONAL BLVD TO OWENS ROAD	48,570	-	1,000,000
12/28/15	67553 67763	WA3972 SA3972	2015 IMPACT FEE STUDY FOR WATER & WASTEWATER INFRASTRUCTURE	- -	- -	- -
09/12/22	127763 amended	SC6103	NORTH REGIONAL FORCE MAIN SYSTEM 24-INCH FORCE MAIN INSTALLATION FROM LIFT STATION NO. 159 TO THE NORTH WASTEWATER TREATMENT PLANT - ENGINEERING	1,974,508	-	-
07/29/16	30301 amended	SC9265	SOUTH COLONIAS PROJECT - DESIGN DESIGN AND ENGINEERING ESTATES, MILPA VERDE, AND PALOMA BLANCA CORONADO, COLONIA 21 SUBDIVISION, DOCKBERRY	- -	- -	964 210,000
08/23/21	30302 amended	SC9266	NORTH COLONIAS PROJECT DESIGN LAS FLORES, PALACIOS, CENTRAL ESTATES, PRAXEDIS SALDIVAR, AND UNSERVED PORTIONS ALONG OLD PORT ISABEL RD; ENGINEERING	-	-	16,162
N/A	N/A	N/A	NEW RAW WATER RIVER INTAKE FACILITY	-	-	500,000
N/A	N/A	N/A	FM 511 WATERLINE LOOP (SH 48 TO BOCA CHICA BLVD)	-	-	100,000
N/A	N/A	N/A	MARTINAL AREA WATER LINE SYSTEM LOOP	-	-	165,000
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 2,340,603	\$ -	\$ 1,992,126
WATER UTILITY TOTAL:				\$ 366,095	\$ -	\$ 1,765,000
WASTEWATER UTILITY TOTAL:				1,974,508	-	227,126
OVERALL IMPACT FEES FUND TOTAL				\$ 2,340,603	\$ -	\$ 1,992,126

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Capital Project Listing – FY 2022
For All Carryover Projects
Grant Proceeds (Fund 200)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2022 BEGINNING BALANCE	FY 2022 ENDING BALANCE	DEFERRED BUDGET
12/16/20	140603 amended	WD1226	INSTALLING FIRST TIME WATER SERVICE TO RESIDENTS OF TORRES ROAD EAST OF MILITARY HWY 281	-	-	-
CARRYOVER PROJECT TOTAL				\$ -	\$ -	\$ -
WATER UTILITY TOTAL:				\$ -	\$ -	\$ -
WASTEWATER UTILITY TOTAL:				-	-	-
OVERALL GRANTS FUND TOTAL				\$ -	\$ -	\$ -

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GRANTS

Grant Schedule
As of September 30, 2022

Federal Grantor/Pass-Through Grantor/Program Title/Grant No.	Grant Period From	To	Total Project Cost	Approved Grant Funding	BPUB Activity Number	Grant Expenditures Requested	Reimbursements Received	Due From Government
FEDERAL FINANCIAL ASSISTANCE								
<u>FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)</u>								
<u>THROUGH TEXAS COMMISSION ON ENVIRONMENTAL QUALITY</u>								
<i>Town Resaca Watershed</i>								
			582-20-11819		RESTOR			
CFDA # 21.015	2/28/2020	10/31/2023	4,680,939	4,680,939		\$ 532,720	\$ 201,952	\$ 330,768
			\$ 4,680,939	\$ 4,680,939		\$ 532,720	\$ 201,952	\$ 330,768
<u>FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)</u>								
<u>THROUGH TEXAS DIVISION OF EMERGENCY MANAGEMENT</u>								
<i>Brownsville PUB Hazard Mitigation Plan Update</i>								
			061-UFXGR-00		HMP021			
CFDA # 97.039	4/20/2021	1/13/2024	75,067	57,050		\$ 57,075	\$ 36,218	\$ 20,857
			\$ 75,067	\$ 57,050		\$ 57,075	\$ 36,218	\$ 20,857
<u>FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)</u>								
<u>THROUGH TEXAS DIVISION OF EMERGENCY MANAGEMENT</u>								
<i>Public Assistance Grant 4485 - Texas COVID-19</i>								
			4485DRTXP00000001		COVID			
CFDA # 97.036	1/20/2020	5/24/2020	85,401	85,401		\$ 85,401	\$ 85,401	\$ -
			\$ 85,401	\$ 85,401		\$ 85,401	\$ 85,401	\$ -
Total Expenditures and Disbursements of Federal Awards						\$ 675,196	\$ 323,571	\$ 351,625

continued

Grant Schedule
As of September 30, 2022 - Continued

Federal Grantor/Pass-Through Grantor/Program Title/Grant No.	Grant Period From	To	Total Project Cost	Approved Grant Funding	BPUB Activity Number	Grant Expenditures Requested	Reimbursements Received	Due From Government
STATE FINANCIAL ASSISTANCE								
TEXAS WATER DEVELOPMENT BOARD								
<i>Program: Economically Distressed Areas Program</i>								
FM511-802 Colonia (CONSTRUCTION)				10344	SC9272			
G120010	4/19/2012	6/30/2015	\$ 25,497,000	\$ 24,505,000		\$ 23,525,433	\$ 23,525,433	\$ -
L120029				840,000		840,000	840,000	-
			\$ 25,497,000	\$ 25,345,000		\$ 24,365,433	\$ 24,365,433	\$ -
Total Expenditures and Disbursements of State Awards						\$ 24,365,433	\$ 24,365,433	\$ -
LOCAL FINANCIAL ASSISTANCE								
CPS HR CONSULTING				N/A	MRETEN			
MILLENNIAL RETENTION	4/1/2017	3/31/2021	\$ 20,000	\$ 20,000		\$ 10,114	\$ 10,114	\$ -
			\$ 20,000	\$ 20,000		\$ 10,114	\$ 10,114	\$ -
Total Expenditures and Disbursements of Local Awards						\$ 10,114	\$ 10,114	\$ -
Total Expenditures and Disbursements of Federal, State, Local Awards and TWDB Bonds						\$ 25,050,743	\$ 24,699,118	\$ 351,625

Note: The Texas Water Development Board program remains open. There were no expenditures in FY 2022.

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APPENDICES

Appendices Section

This part of the Brownsville PUB Annual Budget Report presents detailed information as a context for understanding what the information in the required statistical and supplementary information says about the Brownsville PUB.

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BPUB Description and Utility Service Territory Maps	
These schedules include supplemental data that describe the organization, the community, and service territory.	442
Glossary	
This schedule includes any terminology (including abbreviations and acronyms) that are not readily understandable.	449
Financial Trends	
These schedules contain trend information to help the reader understand how the Brownsville Public Utilities Board's financial performance and well-being has changed over time.	459
Revenue Capacity	
These schedules contain information to help the reader access the Brownsville PUB's local revenue source.	463
Debt Capacity	
These schedules present information to help the reader assess the Brownsville PUB's debt burden and its ability to issue additional debt in the future.	468
Demographic and Economic Information	
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DESCRIPTION

Profile

The Brownsville PUB was formed in 1960 to provide electrical, water, and wastewater services to its customers in the Brownsville area. Pursuant to the City's Charter, management, operation, and control of the City's combined water, wastewater, and electric utilities system is delegated to the Brownsville PUB. The Brownsville PUB is comprised of seven members, six of whom are appointed by the City Commission for four-year terms and the seventh member being the City's Mayor serving ex-officio.

The Electric System provides retail electric service through its electric facilities to consumers inside and outside the city limits. The existing customer service area of the electric facilities encompasses approximately 133 square miles of Cameron County, including substantially the entire City (estimated by the Brownsville PUB as over 96%). The electric system serves a growing base of approximately 53,324 customers and serves a peak load of 293.43 MW. Current resources, mainly owned by the Brownsville PUB, are sufficient to cover peak demand.

The Brownsville PUB meets its power supply obligations through a combination of resources: (i) the operation of the Silas Ray Power Production Facilities owned and operated by the Brownsville PUB (composed of one conventional steam turbine unit and a re-powered steam turbine in Combined Cycle with a combustion turbine and a GE LM6000 gas turbine generator for an estimated gas fired capability of 115 MW), (ii) the operation of the Calpine/Hidalgo combined cycle Power Plant in which the Brownsville PUB has an ownership interest entitling it to 105 MW of capacity, (iii) a Power Purchase Agreement with Exelon Corporation entitling the Board to purchase 78 MW of renewable energy, (iv) a Power Purchase Agreement with AEP Energy Partners, Inc entitling the Board to 50 MW of fixed energy, and (v) economy energy purchases through an economy power interchange arrangement.

The Board currently has a gas transportation agreement with Texas Gas Services ("TGS"), a division of One Gas and a gas supply agreement with Tenaska Marketing Ventures ("TMV") for service to its Silas Ray Generation units, and a gas supply agreement with Calpine Energy Services, LP for service to its Calpine/Hidalgo Plant.

Fuel and transportation contracts with a variety of suppliers are in place, limiting the Brownsville PUB's exposure to the volatile fuel commodity markets.

Electric service is also provided in the unincorporated areas surrounding the City by American Electric Power (AEP, formally Central Power and Light Company) and Magic Valley Electric Cooperative, Inc. (MVEC). Each such entity also has a small number of customers inside the Brownsville city limits.

The Brownsville PUB has authority to provide electric service to customers within and outside the boundaries of the City in areas to which it is certified for electric service by the PUCT. The Brownsville PUB is singly certified in a substantial portion of its service area within the boundaries of the City and, within the area, it alone is presently authorized to provide electric service. The Brownsville PUB is also singly certified to serve the developed portion of the Port of Brownsville. While the Brownsville PUB's multiple-certified service area will not be open to new competitors unless the Brownsville PUB and the City Commission "opt in" to retail competition, the electric system competes within that area against the other utilities that have been certified in the past to provide service in that area.

In areas where the Brownsville PUB is dually or multiple-certified with other electric utilities, the Brownsville PUB, AEP and MVEC compete for electric customers. In these areas the customer chooses the utility system from which it will receive electric service. Of the approximately 133 square miles which comprise the Brownsville PUB's electric service area, competition exists within approximately 11.5 square miles. The Brownsville PUB may serve areas newly annexed by the City only if it is singly, dually, or multiple-certified by the PUCT to serve the area.

The Water System draws raw water from the Rio Grande River and consists of a river rock weir, a river pump station, two reservoirs providing 187 million gallons total capacity, and a raw water transport system. Surface water treatment is achieved by two water treatment plants providing 40 million gallons per day (MGD) of total capacity (20 MGD treatment capacity each). Two clear wells provide 6.85 million gallons storage capacity, and three elevated storage tanks provide 5 million gallons of elevated storage capacity. Water is pumped by four high-service pumping stations into the distribution system which consists of 701 miles of transmission and distribution mains. The Brownsville PUB mainly sells to residential and commercial customers, but also sells treated water on a wholesale basis to three other water distribution companies that amount to approximately 5.26% of sales. The Brownsville PUB partnered with the SRWA and built a 7.5 million gallon reverse osmosis water treatment plant of which the Brownsville PUB has 92.91% ownership. The SRWA plant completed an expansion in 2015 to provide microfiltration pretreatment and an increased total production capacity of 10 MGD. This SRWA plant includes a 7.5 million gallon storage tank.

The Brownsville PUB has an annual allocation of municipal priority water rights from the Texas Commission on Environmental Quality (TCEQ) in the amount of 31,522.46 acre-feet of water, which is dependent upon inflow to the Falcon and Amistad Reservoirs. In addition, the Brownsville PUB holds Permit No. 1838 entitling it the right to 40,000 acre-feet of surplus water.

The Brownsville PUB is subject to regulation of water quality by the TCEQ. The Brownsville PUB presently has a "Superior" water system as determined in accordance with current TCEQ regulations. The Brownsville PUB's water utility service area is subject to the certification jurisdiction of the TCEQ. The Brownsville PUB has been certified singly to provide water service within the boundaries of the City. A large portion of the area, three and one-half miles surrounding the boundaries (the "extraterritorial jurisdiction") of the City, is dually certified. There is a small water utility system (El Jardin Water Supply Corporation) whose customers are situated adjacent to or within the System. All of its treated water is supplied by the Brownsville PUB's water system.

The Wastewater System, consisting of collection and treatment facilities, includes gravity wastewater collection lines, 177 pumping/lift stations and two treatment plants. Wastewater is transported by lift stations and associated force mains to one of two wastewater treatment plants – the Robindale Plant or the South Plant. The Robindale Plant was designed to treat 5 MGD in 1980 and expanded to a capacity of 10 MGD in 1995. The Robindale renovation and expansion project completed in June 24, 2014 increased the treatment capacity to 14.5 MGD. The Robindale Plant provides secondary waste treatment utilizing a Modified Ludzack-Ettinger (MLE) process (anoxic and aerobic with an internal nitrate cycle) of activated sludge, turbo blowers (with magnetic bearings) with auto dissolved oxygen control, secondary settling, ultra-violet light system (for disinfection), effluent cascade aeration system, sludge thickening, aerobic digestion, mechanical sludge dewatering (via 2-meter belt filter press), a SCADA (Supervisory Control and Data Acquisition) system, and land disposal of sludge (Dedicated Land Disposal Site of 137 Acres). The South Plant was originally designed as a trickling filter plant with a treatment capacity of 5 MGD. In 1971, it was expanded to a capacity of 7.8 MGD and was further modified in 1978 to include complete-mix. In 2000, the plant was expanded to 12.8 MGD. The

treatment process was changed to complete mix activated sludge and the anaerobic digesters were converted to use the aerobic process. Sludge is thickened, dewatered by a belt filter press, and disposed of at a Dedicated Land Disposal (DLD) site.

The wastewater system is subject to regulation by the EPA and the TCEQ with regards to operations of the facilities and the water quality of the wastewater plants' effluent.

The Brownsville PUB has the authority to provide wastewater service both inside and outside the city limits. The Brownsville Navigation District owns and operates its own wastewater treatment facilities. There is no competition between Brownsville PUB's wastewater system and the Brownsville Navigation District since the Brownsville Navigation District operates in defined areas in which the System has no wastewater lines.

Economic Conditions and Outlook

The City of Brownsville, Texas (City) is the county seat of Cameron County. It is the southernmost city in Texas and the largest city in the Lower Rio Grande Valley. In Texas, Brownsville is second only to San Antonio in historical significance. Its location is attractive due to its close proximity to major tourism attractions, such as South Padre Island, Mexico, and the Gladys Porter Zoo.

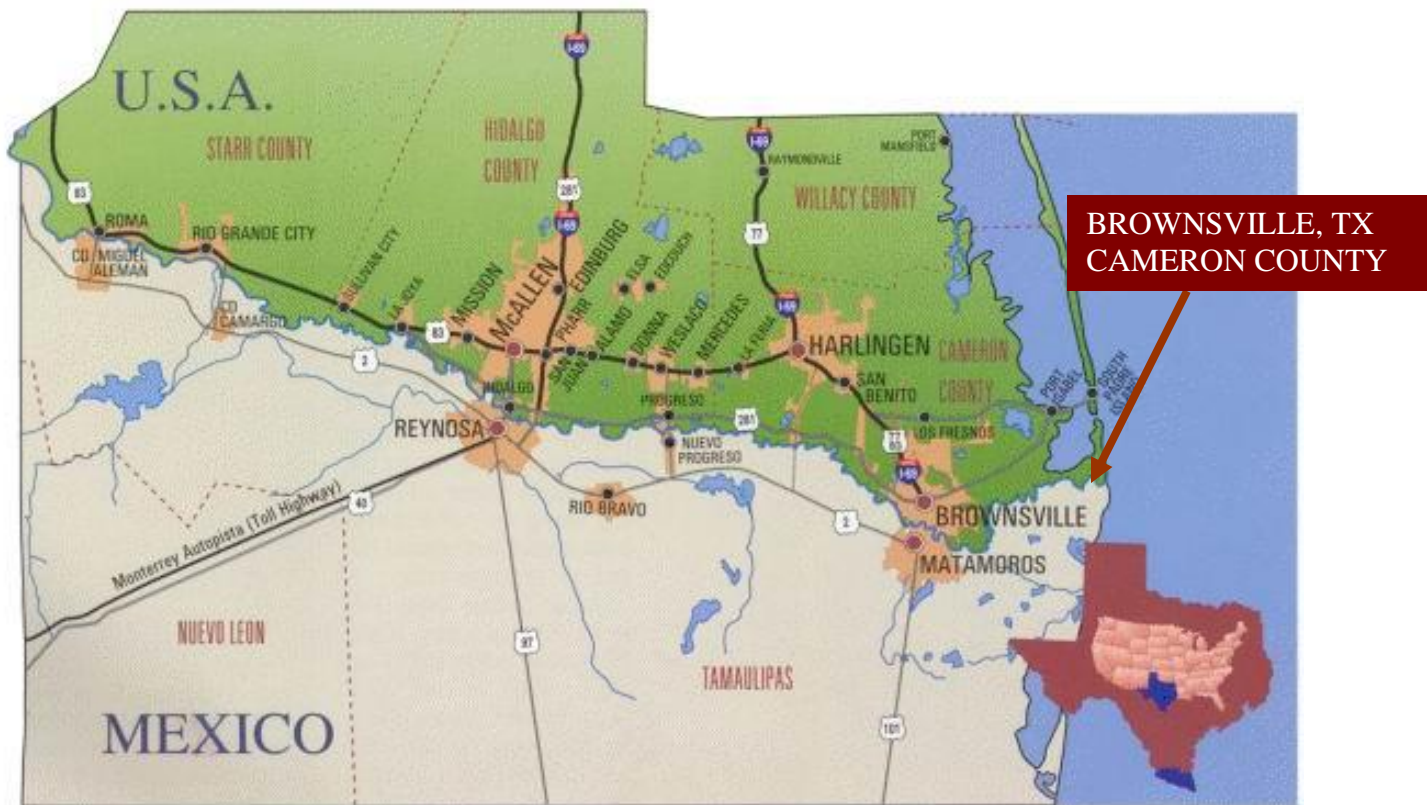
The City is located about 25 miles inland from the Gulf of Mexico, on the north bank of the Rio Grande River. Brownsville lies across the river from Matamoros, Mexico. The two cities are joined by three international bridges, and serve as a trade center for much of the Lower Rio Grande Valley.

According to the U.S. Census Bureau, Brownsville's estimated population for 2021 was 187,831. The demographics of Brownsville's population can be summed up as young and fast growing. The median age is 30.9 years versus a national average of 38.8 years. Approximately 29.6% of all persons in the City are younger than 18 years of age.

The reporting entity of the Brownsville PUB consists of the primary government and a blended component unit, Southmost Regional Water Authority (SRWA). The SRWA establishes a separate budget. The SRWA is a conservation and reclamation district created pursuant to Article XVI, Section 59, of the Texas Constitution and the Act of June 12, 1981, 67th Leg., Ch. 511, 1981 Tex. Gen. Laws 2196. The SRWA provides treated water to various areas of Cameron County.

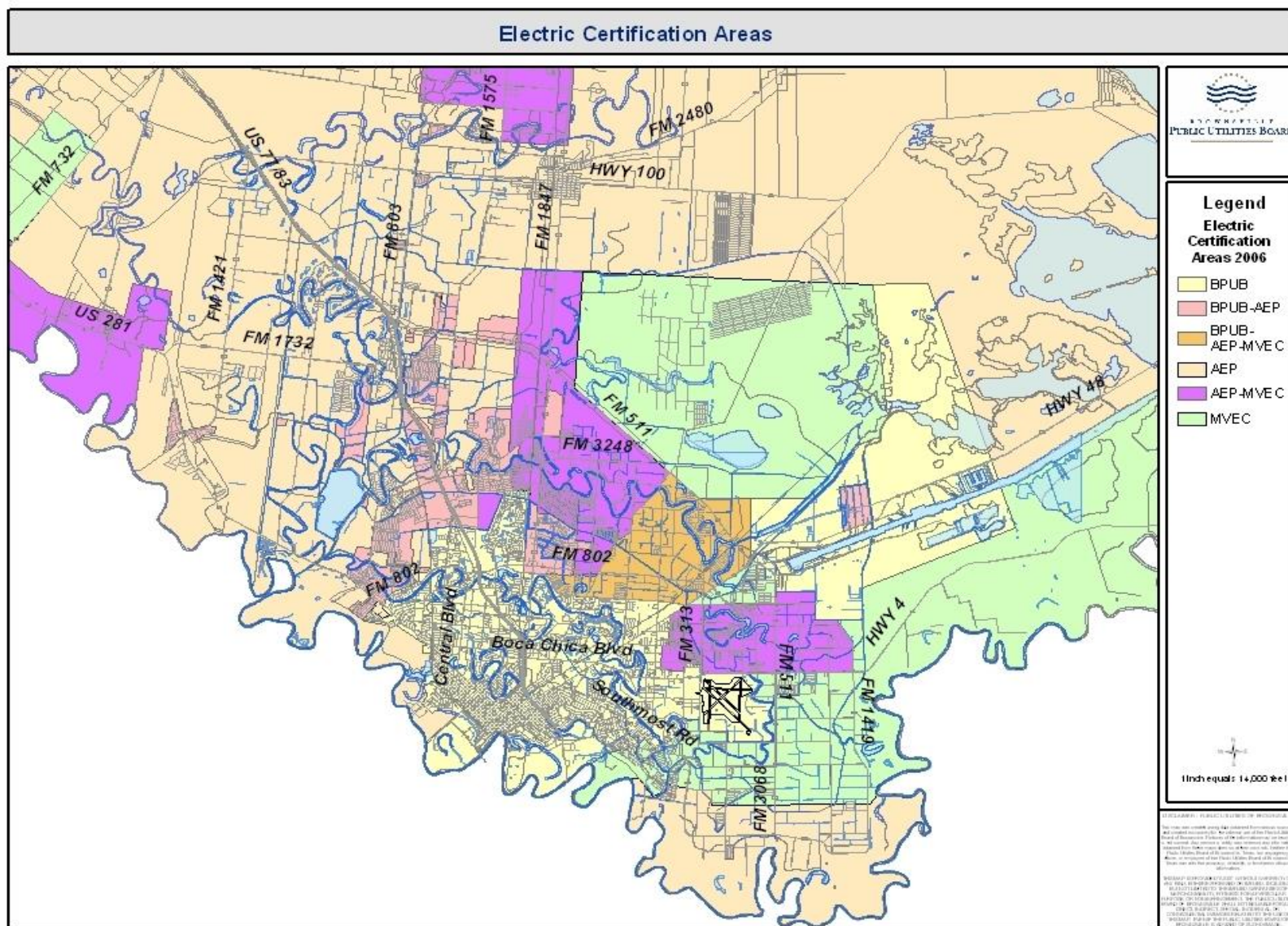
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MAP INDICATING WHERE BROWNSVILLE PUB IS LOCATED

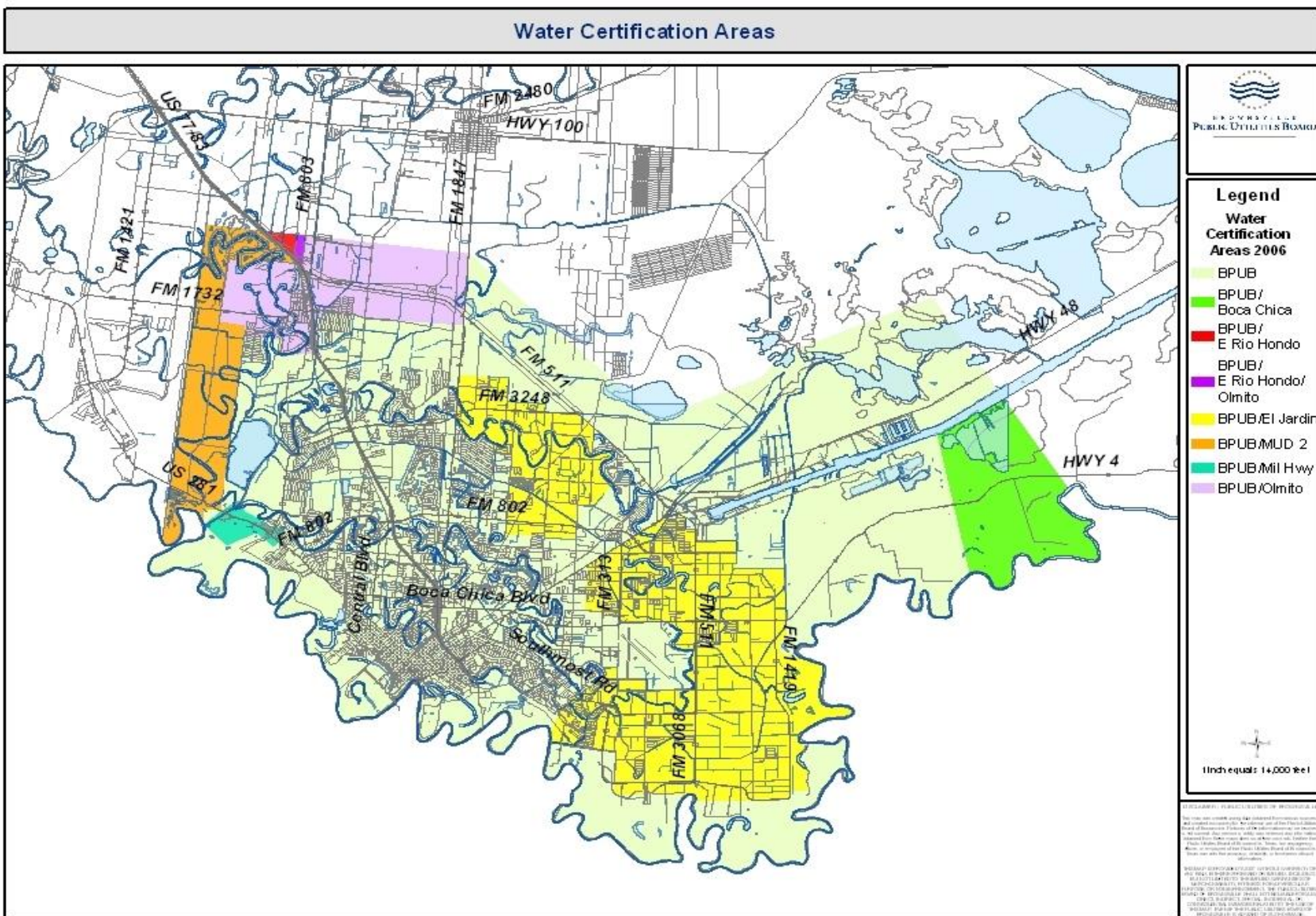


Note: The above map is provided for geographical reference purposes only. BPUB's service area is in Brownsville, Cameron County, Texas and does not include Mexico.

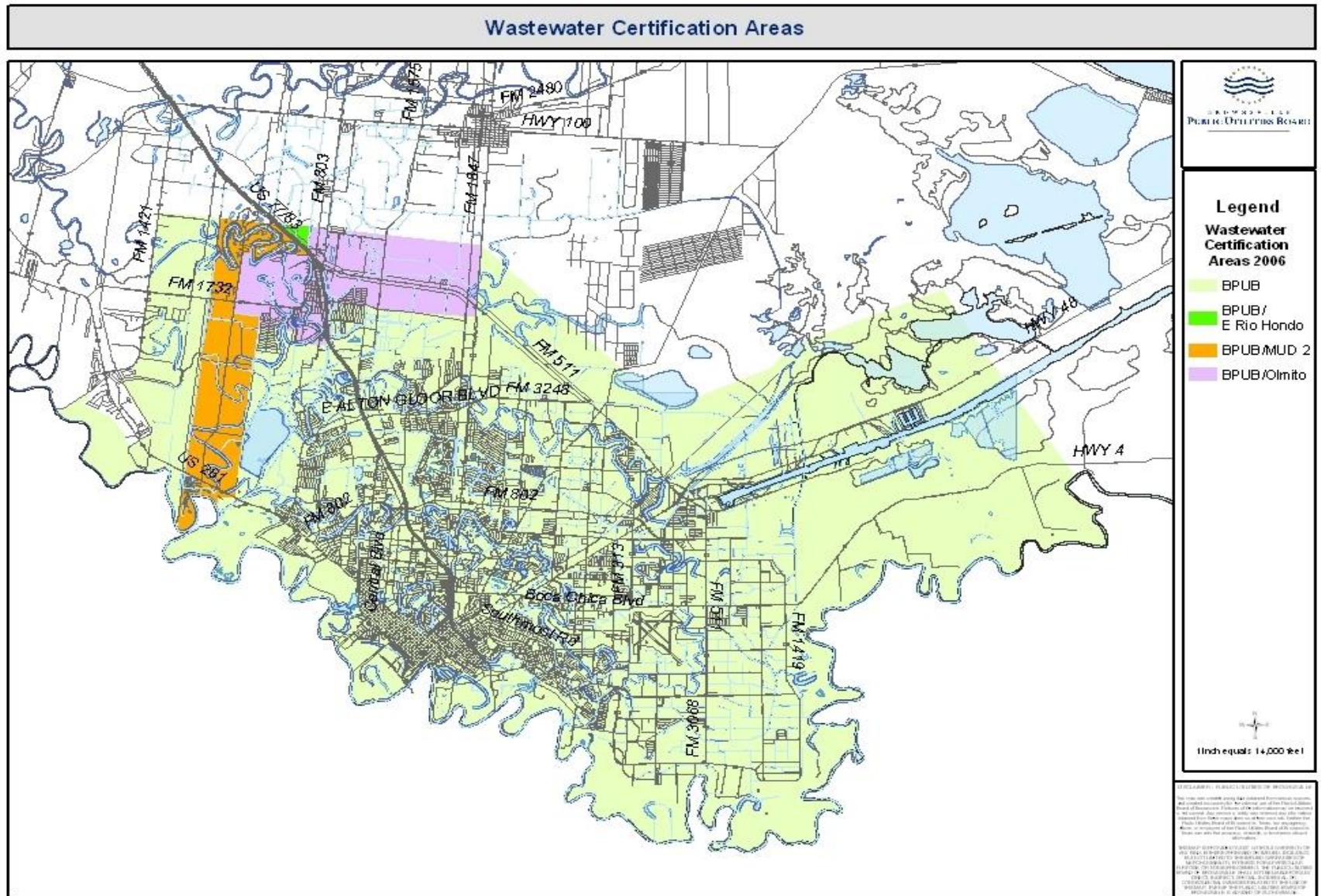
SERVICE AREA MAPS – ELECTRIC



SERVICE AREA MAP – WATER



SERVICE AREA MAP – WASTEWATER



GLOSSARY

A/P – Accounts Payable

A/R – Accounts Receivable

Account – A basis for distinguishing types of expenses or expenditures.

Accrual – The method of accounting that recognizes income when earned and expenses when incurred regardless of when cash is received or disbursed.

ACH – Automated Clearing House; name of the network used for electronic financial transactions.

AMI – Automated Metering Infrastructure

AMR – Automated Meter Reading

ARRA – American Recovery and Reinvestment Act of 2009 is a nationwide effort to create jobs, jumpstart growth and transform our economy to compete in the 21st century signed into effect February 17, 2009.

Asset – A property that has value.

AST – Above-ground storage tank

Balanced Budget – a budget in which forward expenditures for a set period are matched by expected revenues for the same period.

BANNER 9.3.6 – name of program used as the Financial Management Information System.

Bond – A written promise to pay a sum of money on a specific date at a specified interest rate. The interest payments and the repayments of the principal are detailed in a bond ordinance. The most common type of bonds is the general obligation (G.O.) and revenue bonds. These bonds are most frequently used for the construction costs of large capital projects, such as buildings and streets.

Bond Covenants – The issuer’s pledge, in the financing documents, to do or to avoid performing certain practices and actions.

Bond Ratings – A measure of the quality and safety of a bond, based on the issuer’s financial condition; more specifically, an evaluation from a rating service indicating the likelihood that a debt issuer will be able to meet scheduled interest and principal repayments. Typically, AAA is the highest (best), and D is the lowest (worst). The Brownsville PUB is maintaining an “A2”, as rated by Moody’s, an “A+” as rated by Standard & Poor’s, and an “A+” as rated by Fitch Ratings.

BPUB – Brownsville Public Utilities Board; Brownsville PUB; the Public Utilities Board; PUB; the System; the Board.

BTU – British Thermal Units; in science and engineering, a unit measurement of heat or energy.

GLOSSARY

Budget – A financial plan, generally for one fiscal year, presenting proposed expenditures and an estimate of the necessary sources of funds; the Budget Document, as prepared and presented, to the governing body.

Budget Document – The compilation of the spending plans for the various funds, along with supporting schedules, tables and charts, which, in total, comprises the annual revenue and expenditure plan.

CAFR – Comprehensive Annual Financial Report

Capital Asset – An asset with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of eighteen (18) months.

Capital Budget – The portion of the budget devoted to proposed additions to capital assets.

Capital Expenditure – Capital Expenditures are those investments in property, plant, and equipment that have a useful life that is greater than one year (depreciable assets).

Capital Project – the construction, reconstruction, acquisition, and structural maintenance of buildings or real property that adds value to the utility's system.

CBOD – Chemical Biological Oxygen Demand

CDBG – Community Development Block Grant Program (www.hud.gov/edbg).

CEMS – Continuous Emission Monitoring System

CFO – Chief Financial Officer; in charge of managing the finances of the company.

CIP – Capital Improvement Plan; strategy of planning and prioritizing capital projects based on projected availability of resources.

Clean Water State Revolving Fund (CWSRF) - a self-perpetuating loan assistance authority for water quality improvement projects in the United States. The fund is administered by the Environmental Protection Agency and state agencies. The CWSRF, which replaced the Clean Water Act Construction Grants program, provides loans for the construction of municipal wastewater facilities and implementation of nonpoint source pollution control and estuary protection projects. Congress established the fund in the Water Quality Act of 1987.

Contribution in Aid of Construction (CIAC) – Fees that offset construction costs and developer contributed plant. These can also be cash and non-cash contributions from developers for specific projects. A primary example is the development charge on new water and wastewater connections to Utilities' system. A development charge is assessed for connection to the water and wastewater systems to compensate existing customers for the costs of developing the current system and to help pay for the growth of the system caused by new customers.

COB Usage – City of Brownsville Usage; municipal utility services used by the City of Brownsville.

GLOSSARY

Commercial Paper (CP) - Commercial Paper Obligations means the “City of Brownsville, Texas Utilities System Commercial Paper Notes, Series A” which BPUB has authorized in a maximum aggregate principal amount of \$100,000,000.

COO – Chief Operating Officer; in charge of managing the operations of the company.

CPA – Certified Public Accountant; certification given to individual who has passed the Uniform Certified Public Accountant Examination and has met the required state education and experience requirements.

CPIM – Certificate Program in Management

CPR – Continuing Property Records System; information system used to record and keep track of the capital assets of the company.

Davis-Bacon Act - is a United States federal law which established the requirement for paying prevailing wages on public works projects. All federal government construction contracts, and most contracts for federally assisted construction over \$2,000, must include provisions for paying workers on-site no less than the locally prevailing wages and benefits paid on similar projects.

DD – Demand Deposits; ACH checks.

Debt Service – The principal repayment, interest expense, and issue costs associated with the retirement of outstanding debt.

Defeasance – Termination of the rights and interests of the trustee and bondholders under a trust agreement or indenture on final payment or provision for payment of all debt service and premiums and other costs, as specifically provided for in the trust instrument.

Department – A major administrative segment responsible for management of operating divisions, which provide services within a functional area.

Depreciation – Depreciation represents the use of capital asset over its useful life. Eventually all physical assets wear out or become obsolete. Depreciation recognizes this fact, but does not represent either an actual cash outflow or cash inflow.

Distribution – Usable portion of the delivery system coming from the substation or water plant/tank to the customer’s meter.

Division – A basic organizational unit that is functionally unique and provides service under the administrative direction of a department.

Enterprise Fund – A fund established to account for operations 1) that are financed and operated in a manner similar to business enterprises, where the intent of the governing body is that the costs of providing goods and services to the general public on a continuing bases be financed or recovered primarily through user charges or 2) where the governing body has decided the periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, and accountability of other purposes.

GLOSSARY

EPA – Environmental Protection Agency; federal government agency charged with protecting and safeguarding human health and the natural environment (www.epa.gov).

ERCOT – Electric Reliability Council of Texas; Texas State Agency in charge of directing and ensuring the reliable and cost-effective operation of the electric grid and to enable fair and efficient market driven solutions to meet the customers' electric service needs (www.ercot.com).

ERM – Energy Risk Management

Expense – A use of financial resources to acquire goods or services consumed in a single year's current operations.

Federal Deposit Insurance Corporation (FDIC) – An independent agency created by Congress that maintains the stability and public confidence in the nation's financial system by insuring deposits, examining and supervising financial institutions, and managing receiverships (www.fdic.gov).

Feeder – That portion of the circuit that is protected by the breaker up to any protective device excluding branches.

FERC – Federal Energy Regulatory Commission

Fiscal Year (FY) – A consecutive 12-month period marking the beginning and ending dates for recording financial transactions. The Brownsville PUB's fiscal year begins October 1 and ends September 30 of the following calendar year. This is also referred to as the budget year.

FS – Financial Statements

FTE – Full Time Employee working 40 hours per week.

Fuel & Purchased Energy Charge (FPEC) – An electric cost adjustment is the mechanism that tracks and passes through to customers the actual cost of purchased fuel or purchased electricity. The Brownsville PUB meets on a monthly basis to make FPEC adjustments if actual costs vary from forecasted prices. Adjustments can be decreased or increased.

Fund Obligation – Repair and Contingency - Funds set aside for unforeseen circumstances.

FY – See "Fiscal Year".

GASB - The Governmental Accounting Standards Board; Governmental Board organized in 1984 as an operating entity of the Financial Accounting Foundation (FAF) to establish standards of financial accounting and reporting for state and local governmental entities (www.gasb.org).

GAAP - Generally Accepted Accounting Principles; the conventions, rules, and procedures necessary to define an accepted accounting practice at a particular time. The principles have been developed on the basis of experience, custom, usage, and to a significant extent, practical necessity.

GLOSSARY

GFOA – Government Finance Officers Association; organization that enhances and promotes the professional management of governments for the public benefit by identifying and developing financial policies and practices and promoting them through education, training and leadership (www.gfoa.org).

GIS – Geographic Information System; software system that manages the geographic information of the company.

GM & CEO – General Manager & Chief Executive Officer; in charge of managing the company and reports to the Board of Directors

Grant – A legal transaction giving money or property for a specific purpose.

Gross Revenues - total amounts the organization received from all sources during its annual accounting period, without subtracting any costs or expenses.

GWH – Gigawatt hours; one billion watts.

HHV – Higher Heating Value

HRSG – Heat recovery steam generator

Improvement Fund CIP Funding – deposit account used for meeting any capital improvements to the System.

Improvement Fund Surplus Revenues – deposit of any funds remaining after all debt requirements have been made.

Improvement Reserve Fund - reserve account for future CIP projects. The goal is to establish reserves of \$15,000,000, as required by City Commission Ordinance No. 2005-1438.

Interest Expense – Interest expense is the cost of borrowing funds. It is shown as a financial expense item within the income statement.

Interest from Investments – See “Investment Income”.

Investment Income –Interest and dividends from short-term and overnight investments. The Brownsville PUB invests certain cash assets in order to receive interest earnings until that cash is needed. All interest earned is recorded as investment income.

IVR – Interactive Voice Response

JEs – Journal Entries

JMUX – (Brand name) Electronic System used to control the fiber optic system.

Junior lien – See “lien obligations”.

Kilovolt (kV) – 1,000 volts.

GLOSSARY

Kilowatt (kW) – 1,000 watts.

Kilowatt Hour (kWh) A unit of work or energy equal to that expended by one kilowatt to one hour.

Liabilities - a liability is a debt or obligation that a company must pay. Liabilities are recorded on a company's balance sheet and can include accounts payable, taxes, wages, accrued expenses, and deferred revenues.

Lien Obligations – Security protection claim for repayment of a debt. Legal priority rights are placed on the repayment of debt. If legal remedies for repayment occur, first emphasis for repayment is Priority Obligations, then Second Lien Obligations, then Junior Lien Obligations, and then Subordinate Lien Obligations. While bonds with second or third liens are generally rated significantly lower than those with first liens, the issuer may determine that the senior-lien credit is so strong that a well-structured junior-lien bond will be rated relatively close to senior bond.

Maintenance Pool Account – account used to fund unexpected/extraordinary repairs or services that incurred during the fiscal year.

Mega Volt Ampere (MVA) – 1,000,000 volt amperes.

Megawatt (MW) – 1,000,000 watts or 1,000 kilowatts.

Megawatt hour (MWh) – 1,000 kilowatt hours.

MG – Million gallons

MGD – Million gallons per day

Mg/l – Million gallons per load

NELAP – National Environmental Laboratory Accreditation Program (www.nelac-instituting.org/newnelap.php).

NERC – North American Electric Reliability Corporation

Net Assets - Total assets minus total liabilities of an individual or company.

Net Earnings – Gross Revenues after deducting the O&M expenses, but not expenditures, under standard accounting practice, should be charged to capital expenditures.

Notional amount – A stated principal amount in an interest rate swap on which the swap is based.

O&M – Operations & Maintenance

Off-system Sales (wholesale sales) – Off-system or wholesale sales are electric sales outside of the system.

GLOSSARY

Oklaunion - a coal-fired steam electric generating unit jointly owned and operated by Public Service Company of Oklahoma, AEP Texas Central Company, Oklahoma Municipal Power Authority, and the Brownsville PUB entitling the Brownsville PUB to 124 MW of capacity.

Operating Reserve Funds – reserve amount to pay the O&M expenses of not less than two months of budgeted O&M expenses (\$12,500,000 minimum) for the current fiscal year.

Operating Revenues – Gross Revenues with respect to any period, after deducting the O&M expenses.

Operating Subaccount – Fuel Adjustment – account to fund increases in fuel costs without passing on these differences to the customer as part of the FPEC.

Operations and Maintenance Budget (O&M Budget) – Plan of current expenditures and proposed means of financing them. The annual operating budget is the primary means by which most of the financing, acquisition, spending, and service delivery activities of the utility are controlled.

Operations and Maintenance Expense (O&M Non-personnel) – Also known as operating costs, these are the expenses of the day-to-day operations assigned to the current operating period.

Operations and Maintenance Personnel (O&M Personnel) – Cost related to compensating employees, including salaries, wages, insurance, payroll taxes, and retirement contributions.

Other Fees – fees charged to customers for a specific use or purpose, such as reconnection fees, meter fees, etc.

Other Non-Operating Expenses – Miscellaneous expenses, debt discounts/expenses and other interest expenses.

Other Non-Operating Revenues – Revenues consisting of TCI – Pole Rental charges, miscellaneous income and billing discounts.

Other Revenues – Revenues consisting of other sales, forfeited discounts (penalties), connection and service charges and TCOS charges.

P.E. – Professional Engineer; registered or licensed engineer.

PAYGO – The principle or practice of financing expenditures with surplus funds that are currently available rather than borrowed.

Personnel Market Pay Study Adjustment – Adjustments to payroll rates as a result of analysis of the most current Market Pay Study.

Plant Fund - This fund group is used to account for the acquisition, construction, and maintenance of the Systems physical plant and to control the resulting assets.

Policy – A program of actions adopted by a person, group, or government, or the set of principles on which they are based.

GLOSSARY

Polychlorinated biphenyl (PCB) – Several compounds that are produced by replacing hydrogen atoms in biphenyl with chlorine, have various industrial applications, and are toxic environmental pollutants which tend to accumulate in animal tissues.

Power Factor - The power factor of an AC electric power system is defined as the ratio of the real power flowing to the load over the apparent power in the circuit, and is a dimensionless number between 0 and 1 (frequently expressed as a percentage, e.g. 0.5 pf = 50% pf).

Proprietary Fund – Fund used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent is to recover the cost of operations through user charges.

PUB – See “BPUB”.

Public Utility Commission of Texas (PUCT) – agency that regulates the rates and services of electric, water and wastewater utilities, as defined by state and Federal laws and regulations (www.puc.state.tx.us).

Purview – Scope or range.

QA – Quality assurance

QC – Quality control

Ratings – Alpha and/or numeric symbols used to give indications of relative credit quality. In the municipal market these designations are published by the investors’ rating services. Internal ratings are also used by other market participants to indicate relative credit quality.

Resaca - Resacas were former channels of the Rio Grande River. Today, they serve as water storage pools as well as habitats for waterfowl, nutria, gar and even alligators; a body of water or water body.

Revenue Bonds – Securities for which debt service payments are generated from a specific revenue source.

Reverse Osmosis – A process by which a solvent such as water is purified of solutes by being forced through a semi-permeable membrane through which the solvent, but not the solutes, may pass.

Revenue Neutral – No gain or loss in revenues.

RTU – Remote Terminal Unit

SCADA – Supervisory Control and Data Acquisition System; a computer system used to control and monitor power generation; electric, gas, and water transmission and distribution; and wastewater collection.

Senior Lien – See “lien obligations”.

GLOSSARY

Sources of Funds – The Sources of Funds identifies the origination of cash received by the Utilities to pay for the various activities of the organization. There are four major categories of cash sources: sales & services to customers, off-system sales, interest from investments, and other operating & non-operating revenues. The primary source of cash is from sales & services to customers paying for the utility services provided to them. The second largest source is from off-system sales. As needed, the Brownsville PUB generates cash through selling excess electricity outside the system. The remaining cash receipts include interest from investments and other operating & non-operating revenues.

Southmost Regional Water Authority (SRWA) – The largest such facility in Texas, the regional reverse osmosis plant uses state-of-the-art reverse osmosis (RO) technology to treat previously untapped and unusable brackish groundwater resources as an alternative water supply.

Strategic Management (Strategic Plan) – A type of management to determine mission, vision, values, goals, objectives, roles and responsibilities, timelines, etc.

Subordinate Lien – See “lien obligations”.

Substations – Electric facility where electrical energy is taken from either the transmission or sub-transmission system and transformed from a higher voltage down to a distribution voltage.

Summary Letter – The opening section of the budget, which provides the Brownsville PUB Board and public with a general summary of the most important aspects of the budget. The message explains principal budget issues against the background of financial experience in recent years, and presents the views and recommendations of the General Manager & CEO and Chief Financial Officer.

Supplemental O&M – O&M expenses separate from and in addition to the current O&M Budget. These consist of new positions, promotions and reclassifications, maintenance pool account, personnel market pay study adjustment, cost of living, and the new internal auditor positions.

Swap – A contract between two parties to swap a series of commitments over a defined period. The commitments which are exchanged are generally an obligation to make one or more payments or the right to receive one or more payments.

T&D – Transmission and Distribution

TBD – To Be Determined

TCEQ – Texas Commission for Environmental Quality is the environmental agency for the State of Texas (www.tceq.state.tx.us).

TCI – Tele-Communications Inc.; Time Warner Communications.

TCOS – Transmission Cost of Service; cost of transmission between utilities.

TDSP – Transmission & Distribution Service Provider

GLOSSARY

TPDES – Texas Pollutant Discharge Elimination System; refer to the following web address:
http://www.tceq.state.tx.us/permitting/water_quality/wastewater/pretreatment/tpdes_definition.html.

TSS – Total Suspended Solids

TWDB – Texas Water Development Board; state agency providing leadership, planning, financial assistance, information, and education for the conservation and responsible development of water resources for the State of Texas (www.twdb.state.tx.us).

TXDOT – Texas Department of Transportation; state agency providing safe, effective, and efficient movement of goods within the State of Texas (www.dot.state.tx.us).

UPS – Uninterruptible Power Supply

Uses of Funds – The Uses of Funds identifies how the Brownsville PUB spends the cash it receives. There are nine major categories of cash uses: electric fuel & energy costs, SRWA (the Authority), personnel O&M expenses, non-personnel O&M expenses, other non-operating expenses, debt service fund, city cash transfer, operating & improvement reserves, and CIP funding. The largest use of cash is for operational expenses (labor, fuel, and other expenses) related to the day-to-day operation and maintenance of the Brownsville PUB. The amount of operating cash used to pay for capital projects is also identified. Debt service fund represent the principal and interest payments for the outstanding and planned bond issues. The remaining uses of cash include city cash transfer and operating & improvement reserves.

UST – Underground Storage Tank.

Utility Manager System (UMS) – Software that manages the customer accounts for electric, water and wastewater utilities. The UMS is the primary billing system for the Brownsville PUB.

Vacancy Savings – Personnel account used to allow for the effects of attrition through resignations of employees and non-hiring of currently vacant positions.

Watt – The rate of work represented by a current of one ampere under a pressure of one volt and taken as the standard in the United States.

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Financial Trends

These schedules contain trend information to help the reader understand how the Brownsville PUB's financial performance and well-being has changed over time.

FINANCIAL TRENDS
BALANCE SHEETS
September 30 - Audited

Assets	2021	2020	2019	2018	2017
Current assets:					
Cash and cash equivalents	\$ 18,829,421	\$ 26,994,421	\$ 11,422,405	\$ 8,725,046	\$ 17,780,938
Investments	34,716,471	28,376,644	40,147,048	37,525,124	34,478,780
Receivables:					
Fees and services, net of allowance for uncollectible accounts	34,433,311	28,285,803	27,929,949	25,771,130	24,508,993
Intergovernmental	411,421	411,421	411,421	683,514	604,840
Contract receivable	6,495	301,682			
Accrued interest receivable	-	15,000,000	870,547	664,697	352,443
Fuel cost under-recovery	-	1,578,272	4,056,112	-	-
Inventories	6,391,001	6,243,580	8,517,277	9,821,443	9,298,749
Prepays	1,154,246	976,308	662,650	749,246	1,039,157
Total unrestricted current assets	<u>95,942,366</u>	<u>108,168,131</u>	<u>94,017,409</u>	<u>83,940,200</u>	<u>88,063,900</u>
Current restricted assets:					
Cash and cash equivalents	9,049,422	48,383	9,000	9,000	7,133,368
Investments	31,896,476	39,273,595	40,847,170	36,006,623	147,966,425
Total restricted current assets	<u>40,945,898</u>	<u>39,321,978</u>	<u>40,856,170</u>	<u>36,015,623</u>	<u>155,099,793</u>
Total current assets	<u>136,888,264</u>	<u>147,490,109</u>	<u>134,873,579</u>	<u>119,955,823</u>	<u>243,163,693</u>
Non-current assets:					
Cash - restricted	37,012,306	3,048,955	1,087,112	1,210,893	-
Investments - restricted	97,880,222	119,938,881	120,433,786	120,013,425	-
Prepays	-	-	2,250,000	-	-
Contract Receivable	-	-	20,000,000	-	-
Capital assets, net of accumulated depreciation	598,613,034	587,613,737	616,997,331	637,087,106	634,289,707
Assets held for sale	-	22,746,859	-	-	-
Unamortized regulatory assets	2,220,171	2,420,578	2,026,118	2,233,891	2,443,254
Total non-current assets	<u>735,725,733</u>	<u>735,769,010</u>	<u>762,794,347</u>	<u>760,545,315</u>	<u>636,732,961</u>
Total assets	<u>\$ 872,613,997</u>	<u>\$ 883,259,119</u>	<u>\$ 897,667,926</u>	<u>\$ 880,501,138</u>	<u>\$ 879,896,654</u>
Deferred Outflows of Resources					
Deferred charge on refunding	21,580,659	23,945,549	17,711,381	19,064,475	19,852,284
Deferred charge - fuel cost under recovery	-	-	-	-	364,158
Deferred outflows related to pension	3,906,942	4,365,075	11,921,190	5,224,834	9,399,260
Deferred outflows related to OPEB	2,933,228	3,136,530	3,431,497	120,788	13,332
Total deferred outflows of resources	<u>28,420,829</u>	<u>31,447,154</u>	<u>33,064,068</u>	<u>24,410,097</u>	<u>29,629,034</u>
Total assets plus deferred outflows of resources	<u>\$ 901,034,826</u>	<u>\$ 914,706,273</u>	<u>\$ 930,731,994</u>	<u>\$ 904,911,235</u>	<u>\$ 909,525,688</u>

continued

BALANCE SHEETS - Continued
September 30 - Audited

Liabilities	2021	2020	2019	2018	2017
Current liabilities:					
Accounts payable	\$ 24,169,471	\$ 22,496,556	\$ 20,334,034	\$ 17,931,703	\$ 16,201,137
Accrued vacation and sick leave	5,602,596	5,845,116	6,925,511	7,063,301	6,830,450
Due to primary government	13,372,977	3,994,072	4,310,490	3,276,018	3,104,705
Self insurance worker's compensation claims	241,452	118,877	335,374	116,232	122,571
Commercial Paper	46,000,000	-	-	-	-
Total unrestricted current liabilities	89,386,496	32,454,621	31,905,409	28,387,254	26,258,863
Current liabilities payable from restricted assets:					
Accounts payable and accrued liabilities	-	-	-	-	343,629
Accrued interest	911,627	926,807	1,043,882	1,086,109	1,124,920
Customer deposits	5,089,470	4,913,015	4,788,307	4,520,226	4,013,140
Current portion of revenue bonds payable	19,145,000	18,355,000	15,980,000	15,295,000	14,806,000
Commercial paper	-	-	37,500,000	20,000,000	14,000,000
Total current liabilities payable from restricted assets	25,146,097	24,194,822	59,312,189	40,901,335	34,287,689
Total current liabilities	114,532,593	56,649,443	91,217,598	69,288,589	60,546,552
Non-current liabilities:					
Revenue bonds payable net of unamortized premium and deferred refunding	294,109,524	316,423,606	279,325,462	297,585,319	314,612,871
Other post-employment benefits	24,816,551	23,461,920	27,443,626	22,305,496	21,776,739
Net pension liability	23,091,948	26,288,017	38,520,098	25,431,824	34,632,949
Self insurance worker's compensation claims	28,704	275,453	23,701	51,556	17,113
Total non-current liabilities	342,046,727	366,448,996	345,312,887	345,374,195	371,039,672
Total liabilities	456,579,320	423,098,439	436,530,485	414,662,784	431,586,224
Deferred Inflows of Resources					
Deferred credit – fuel cost over recovery	2,774,551	-	-	218,812	-
Deferred inflows - other	-	-	22,250,000	-	-
Deferred inflows related to pension	6,309,761	6,020,188	1,260,951	5,518,625	1,676,487
Deferred inflows related to OPEB	4,651,496	5,462,731	866,931	981,517	-
Total deferred inflows of resources	13,735,808	11,482,919	24,377,882	6,718,954	1,676,487
Total liability plus deferred inflows of resources	470,315,128	434,581,358	460,908,367	421,381,738	433,262,711
Net position					
Net investment in capital assets	260,939,170	298,269,059	301,903,252	323,271,263	311,666,705
Restricted	157,727,660	153,901,826	154,411,120	149,427,826	149,407,127
Unrestricted	12,052,868	27,954,030	13,509,255	10,830,408	15,189,145
Total net position	430,719,698	480,124,915	469,823,627	483,529,497	476,262,977
Total liabilities and net position	<u>\$ 901,034,826</u>	<u>\$ 914,706,273</u>	<u>\$ 930,731,994</u>	<u>\$ 904,911,235</u>	<u>\$ 909,525,688</u>

FINANCIAL TRENDS
STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION
LAST TEN FISCAL YEARS

	2021	2020	2019	2018	2017	2016	2015	2014	2013
			Restated	Restated	Restated	Restated			Restated
Operating revenues:									
Sales and services charges	460,930,071	223,461,644	232,301,197	224,167,301	220,877,502	207,550,223	207,767,498	192,061,381	170,446,499
Less Rate Stabilization	(143,387,231)	(20,400,000)	(21,500,000)	(25,900,000)	(24,200,000)	(10,525,000)			
Less utilities service to the City of Brownsville, Texas	(4,587,001)	(4,570,832)	(4,488,098)	(4,548,724)	(4,629,113)	(4,804,112)	(4,809,741)	(4,839,630)	(4,274,184)
Total operating revenues	312,955,839	198,490,812	206,313,099	193,718,577	192,048,389	192,221,111	202,957,757	187,221,751	166,172,315
Operating expenses:									
Purchased power and fuel	209,098,696	54,922,676	62,712,666	63,090,839	62,733,293	55,451,964	65,220,979	66,941,752	53,915,199
Personnel services	40,975,381	42,600,179	45,043,072	41,105,177	40,867,688	49,076,784	33,302,525	32,821,858	30,615,677
Materials and supplies	7,563,164	7,548,777	7,582,722	8,277,531	7,790,646	6,960,626	7,347,093	7,376,475	7,432,636
Repairs and maintenance	3,576,179	3,949,001	3,782,604	4,539,605	2,269,312	2,666,119	2,983,094	3,688,413	2,029,564
Contractual and other services	22,543,946	32,785,887	28,735,424	26,131,662	23,753,428	24,443,206	21,521,617	19,152,582	19,319,359
Depreciation	28,488,709	46,971,872	48,889,835	30,786,496	30,193,819	29,063,661	29,507,267	28,409,046	27,366,045
Total operating expenses	312,246,075	188,778,392	196,746,323	173,931,310	167,608,186	167,662,360	159,882,575	158,390,126	140,678,480
Operating income	709,764	9,712,420	9,566,776	19,787,267	24,440,203	24,558,751	43,075,182	28,831,625	25,493,835
Nonoperating revenues (expenses):									
Investment and interest income	309,837	2,639,908	5,183,994	3,328,846	1,703,055	1,202,314	841,219	532,650	564,334
Operating grant revenues	-	-	-	-	25,000	-	-	-	-
Interest expense	(11,115,373)	(11,969,522)	(12,779,726)	(13,259,790)	(13,811,909)	(14,743,208)	(14,509,231)	(15,108,927)	(15,653,933)
Gain on retirement of assets	-	17,250,000	-	-	-	-	-	-	-
Gain (loss) on disposition of capital assets	(26,411,470)	(103,937)	(927,013)	282,315	(3,356,511)	(1,019,326)	(3,577,605)	(1,028,494)	(116,447)
Other	2,254,728	(513,241)	2,069,896	1,251,543	39,543	457,298	1,598,769	1,212,924	(1,483,565)
Project abandonment	-	-	(9,341,284)	-	-	-	-	-	-
Other payments to the City of Brownsville	-	(2,250,000)	-	-	-	-	-	-	-
Payments to City of Brownsville	(20,524,044)	(11,170,348)	(11,878,222)	(11,090,234)	(10,666,207)	(9,822,602)	(9,040,104)	(7,613,475)	(7,188,692)
Net nonoperating revenues (expenses)	(55,486,322)	(6,117,140)	(27,672,355)	(19,487,320)	(26,067,029)	(23,925,524)	(24,686,952)	(22,005,322)	(23,878,303)
Income before capital contributions	(54,776,558)	3,595,280	(18,105,579)	299,947	(1,626,826)	633,227	18,388,230	6,826,303	1,615,532
Capital contributions	5,371,340	6,706,008	4,399,709	6,966,573	6,884,887	6,528,237	12,965,169	18,647,790	20,075,404
Change in net position	(49,405,218)	10,301,288	(13,705,870)	7,266,520	5,258,061	7,161,464	31,353,399	25,474,093	21,690,936
Net position, beginning of year	480,124,913	469,823,627	483,529,497	476,262,977	483,261,910	476,100,446	457,590,350	432,116,257	410,425,321
Prior Period Adjustment	-	-	-	-	(12,256,994)	-	-	-	-
Net position, beginning of year as restated	480,124,913	469,823,627	483,529,497	476,262,977	471,004,916	476,100,446	444,747,047	432,116,257	410,425,321
Net position, end of year	430,719,695	480,124,915	469,823,627	483,529,497	476,262,977	483,261,910	476,100,446	457,590,350	432,116,257

Notes:

The negative change in net position for FY21 is primarily attributable to the disposition and write-off of the Oklaunion Power Station. The unusually high Purchased power and fuel costs in FY21 are attributable to the Winter Storm UPL event in February 2021. The negative change in net position for FY19 is attributable to the write off of pre-development costs for Tenaska of \$9.3 million and the accelerated depreciation of the Oklaunion Power Station of \$17.1 million.

Revenue Capacity

**These schedules contain information to help the reader assess the
Brownsville PUB's local revenue source.**

REVENUE CAPACITY
AVERAGE NUMBER OF SERVICES BILLED BY UTILITY¹
LAST TEN YEARS

FY	ELECTRIC	% CHANGE	WATER	% CHANGE	WASTEWATER	% CHANGE
2022	52,410	0.77%	53,601	0.92%	54,339	0.88%
2021	52,008	1.17%	53,114	1.50%	53,863	1.48%
2020	51,406	2.38%	52,331	1.73%	53,075	1.80%
2019	50,209	1.52%	51,441	1.32%	52,137	1.50%
2018	49,455	1.50%	50,771	1.23%	51,366	2.06%
2017	48,726	1.10%	50,153	1.12%	50,329	1.28%
2016	48,196	1.10%	49,598	1.23%	49,693	1.33%
2015	47,671	0.91%	48,997	1.00%	49,041	1.06%
2014	47,242	1.10%	48,510	1.11%	48,528	1.16%
2013	46,730	1.37%	47,976	1.06%	47,972	1.09%

¹Municipal customers not included in average number of services billed

**REVENUE CAPACITY
REVENUES BY UTILITY - LAST TEN YEARS**

	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017
ELECTRIC					
Residential	\$ 130,557,180	\$ 70,894,750	\$ 72,375,771	\$ 73,026,444	\$ 71,288,035
Commercial	130,478,792	68,041,652	74,732,579	74,781,316	74,770,246
Municipal	3,430,888	3,418,381	3,527,745	3,579,766	3,630,779
Wholesale sales	136,108,799	16,110,955	22,575,496	11,067,351	9,348,488
Other	9,006,739	14,369,813	9,392,170	11,222,724	11,593,857
<i>Total Electric Operating Revenues</i>	<u>\$ 409,582,398</u>	<u>\$ 172,835,551</u>	<u>\$ 182,603,761</u>	<u>\$ 173,677,601</u>	<u>\$ 170,631,405</u>
WATER					
Inside city	\$ 24,279,840	\$ 24,086,514	\$ 23,472,024	\$ 24,048,925	\$ 23,879,301
Outside city	953,694	909,574	872,649	848,947	873,877
Municipal	717,593	734,648	632,528	643,536	668,247
Other	1,063,842	653,579	1,019,821	998,603	1,029,823
Southmost Regional Water Authority	421,309	489,168	489,743	490,392	480,808
<i>Total Water Operating Revenues</i>	<u>\$ 27,436,278</u>	<u>\$ 26,873,483</u>	<u>\$ 26,486,765</u>	<u>\$ 27,030,403</u>	<u>\$ 26,932,056</u>
WASTEWATER					
Residential	\$ 14,161,526	\$ 14,378,518	\$ 13,616,485	\$ 14,033,891	\$ 14,021,992
Commercial	7,182,523	7,065,343	7,236,716	7,129,594	7,141,687
Municipal	438,520	417,803	327,825	325,425	330,087
Outside city	1,563,609	1,558,927	1,501,463	1,416,201	1,258,935
Other	565,217	332,019	528,182	554,186	561,340
<i>Total Wastewater Operating Revenues</i>	<u>\$ 23,911,395</u>	<u>\$ 23,752,610</u>	<u>\$ 23,210,671</u>	<u>\$ 23,459,297</u>	<u>\$ 23,314,041</u>
TOTAL SALES AND SERVICE CHARGES	<u><u>\$ 460,930,071</u></u>	<u><u>\$ 223,461,644</u></u>	<u><u>\$ 232,301,197</u></u>	<u><u>\$ 224,167,301</u></u>	<u><u>\$ 220,877,502</u></u>
	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012
ELECTRIC					
Residential	\$ 63,681,205	\$ 64,980,210	\$ 63,035,376	\$ 51,861,710	\$ 48,562,146
Commercial	68,559,278	71,696,062	68,505,305	59,576,916	54,952,907
Municipal	3,846,235	4,035,358	3,916,022	3,336,413	3,157,165
Wholesale sales	16,397,987	12,182,728	921,782	237,173	605,125
Other	7,458,124	9,325,630	9,792,100	8,925,031	16,626,285
<i>Total Electric Operating Revenues</i>	<u>\$ 159,942,829</u>	<u>\$ 162,219,988</u>	<u>\$ 146,170,585</u>	<u>\$ 123,937,243</u>	<u>\$ 123,903,628</u>
WATER					
Inside city	\$ 21,796,229	\$ 20,340,255	\$ 20,594,551	\$ 20,333,223	\$ 20,389,340
Outside city	811,938	777,023	766,496	735,224	699,401
Municipal	624,615	514,875	618,616	617,202	686,274
Other	1,111,918	1,342,068	1,162,867	1,054,328	1,032,247
Southmost Regional Water Authority	466,928	447,797	488,079	1,023,081	428,572
<i>Total Water Operating Revenues</i>	<u>\$ 24,811,628</u>	<u>\$ 23,422,018</u>	<u>\$ 23,630,609</u>	<u>\$ 23,763,058</u>	<u>\$ 23,235,834</u>
WASTEWATER					
Residential	\$ 13,728,898	\$ 13,251,741	\$ 13,578,070	\$ 14,135,642	\$ 14,128,726
Commercial	6,949,099	6,841,017	6,712,829	6,734,506	6,713,307
Municipal	333,262	259,508	304,992	320,569	384,562
Outside city	1,208,890	1,181,106	1,087,237	1,050,009	984,754
Other	575,617	592,120	577,059	505,472	448,444
<i>Total Wastewater Operating Revenues</i>	<u>\$ 22,795,766</u>	<u>\$ 22,125,492</u>	<u>\$ 22,260,187</u>	<u>\$ 22,746,198</u>	<u>\$ 22,659,793</u>
TOTAL SALES AND SERVICES CHARGES	<u><u>\$ 207,550,223</u></u>	<u><u>\$ 207,767,498</u></u>	<u><u>\$ 192,061,381</u></u>	<u><u>\$ 170,446,499</u></u>	<u><u>\$ 169,799,255</u></u>

REVENUE CAPACITY
UNIT SALES BY UTILITY - LAST TEN YEARS ¹

	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017
ELECTRIC SERVICE (kWh)					
Residential	619,603,668	602,596,573	574,129,413	588,862,015	578,938,532
Commercial Non-Demand	133,499,924	133,567,871	136,405,829	136,319,294	139,381,802
Municipal	37,205,368	37,050,431	38,460,445	39,237,875	39,785,043
Commercial Demand	509,752,301	514,989,472	538,476,727	552,028,532	560,113,317
Other	2,210,581	2,251,157	2,266,542	2,390,778	2,478,672
<i>Total Electric Unit Sales</i>	<u>1,302,271,842</u>	<u>1,290,455,504</u>	<u>1,289,738,956</u>	<u>1,318,838,494</u>	<u>1,320,697,366</u>
WATER SERVICE - 1,000 GALLONS					
Inside City	5,660,788	5,730,053	5,435,140	5,743,114	5,832,446
Outside City	173,261	162,528	151,259	158,189	157,297
Municipal	191,742	197,883	157,429	162,477	167,724
Other	618,991	569,787	552,631	588,476	525,154
<i>Total Water Unit Sales</i>	<u>6,644,782</u>	<u>6,660,251</u>	<u>6,296,459</u>	<u>6,652,256</u>	<u>6,682,621</u>
WASTEWATER SERVICE - 1,000 GALLONS					
Residential	2,786,357	2,807,846	2,592,457	2,745,874	2,804,793
Commercial	1,657,372	1,642,002	1,656,999	1,649,892	1,662,288
Municipal	107,158	101,107	76,897	76,447	77,545
Outside City	116,262	116,852	107,474	111,471	123,065
Other	-	-	-	-	-
<i>Total Wastewater Unit Sales</i>	<u>4,667,149</u>	<u>4,667,807</u>	<u>4,433,827</u>	<u>4,583,684</u>	<u>4,667,691</u>
	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012
ELECTRIC SERVICE					
Residential	564,931,382	551,304,652	567,334,136	533,303,461	550,169,186
Commercial Non-Demand	135,844,893	128,892,385	132,918,707	134,939,048	136,833,986
Municipal	39,500,507	38,995,522	39,371,016	38,895,227	38,876,114
Commercial Demand	557,349,627	554,994,514	558,708,943	570,125,749	577,866,685
Other	2,403,423	2,227,059	2,226,006	2,232,972	2,234,448
<i>Total Electric Unit Sales</i>	<u>1,300,029,832</u>	<u>1,276,414,132</u>	<u>1,300,558,808</u>	<u>1,279,496,457</u>	<u>1,305,980,419</u>
WATER SERVICE					
Inside City	5,560,741	5,281,931	5,753,783	6,294,433	6,269,037
Outside City	155,104	148,956	155,398	161,450	150,957
Municipal	158,741	122,006	176,477	189,804	223,176
Other	465,077	461,178	506,676	555,452	582,502
<i>Total Water Unit Sales</i>	<u>6,339,663</u>	<u>6,014,071</u>	<u>6,592,334</u>	<u>7,201,139</u>	<u>7,225,672</u>
WASTEWATER SERVICE					
Residential	2,709,033	2,554,154	2,795,399	3,036,404	3,024,487
Commercial	1,601,296	1,560,177	1,604,591	1,677,306	1,659,010
Municipal	78,448	58,998	74,464	80,169	98,579
Outside City	111,277	106,175	118,228	122,924	118,546
Other	-	-	-	3,671	6,197
<i>Total Wastewater Unit Sales</i>	<u>4,500,054</u>	<u>4,279,504</u>	<u>4,592,682</u>	<u>4,920,474</u>	<u>4,906,819</u>

¹ Excludes Public Utilities Board's usage

**REVENUE CAPACITY
TEN YEAR RATE ANALYSIS
RESIDENTIAL RATES**

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
ELECTRIC ¹										
Customer Service Charge	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.49	\$ 6.01	\$ 5.62	\$ 5.25
Energy Charge										
First 500 kWh	\$ 0.05141	\$ 0.05420	\$ 0.05420	\$ 0.05420	\$ 0.05420	\$ 0.05420	\$ 0.05241	\$ 0.05022	\$ 0.04862	\$ 0.04708
Over 500 kWh	0.06826	0.07688	0.07688	0.07688	0.07688	0.07688	0.07058	0.06458	0.05964	0.05479
Fuel & Purchased Power	0.08093	0.02952	0.02952	0.02952	0.02952	0.02952	0.03401	0.04500	0.05096	0.04000
WATER (Inside City) ²										
0-3,000 gallons	\$ 2.14	\$ 1.98	\$ 1.98	\$ 1.98	\$ 1.98	\$ 1.98	\$ 1.87	\$ 1.80	\$ 1.73	\$ 1.63
4,000-9,000 gallons	2.37	2.19	2.19	2.19	2.19	2.19	2.07	1.99	1.91	1.80
10,000 to 16,000 gallons	2.92	2.70	2.70	2.70	2.70	2.70	2.55	2.45	2.36	2.23
Over 16,000 gallons	4.41	4.08	4.08	4.08	4.08	4.08	3.85	3.70	3.56	3.36
Customer Service Charge										
5/8x3/4 Water Meter Size	\$ 13.02	\$ 12.06	\$ 12.06	\$ 12.06	\$ 12.06	\$ 12.06	\$ 11.38	\$ 10.94	\$ 10.52	\$ 9.93
WATER (Outside City) ²										
0-3,000 gallons	\$ 3.21	\$ 2.97	\$ 2.97	\$ 2.97	\$ 2.97	\$ 2.97	\$ 2.81	\$ 2.70	\$ 2.68	\$ 2.65
4,000-9,000 gallons	3.55	3.29	3.29	3.29	3.29	3.29	3.11	2.98	2.95	2.93
10,000 to 16,000 gallons	4.37	4.05	4.05	4.05	4.05	4.05	3.83	3.68	3.10	3.05
Over 16,000 gallons	6.61	6.12	6.12	6.12	6.12	6.12	5.78	5.55	4.60	4.56
Resaca Fee	\$ 4.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer Service Charge										
5/8 x 3/4 Water Meter Size	\$ 19.57	\$ 18.12	\$ 18.12	\$ 18.12	\$ 18.12	\$ 18.12	\$ 17.09	\$ 16.43	\$ 15.80	\$ 14.90
SEWER (Inside City) ³										
0-7,000 gallons	\$ 3.74	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.30	\$ 3.29
over 7,000 gallons	4.10	3.76	3.76	3.76	3.76	3.76	3.76	3.76	3.62	3.57
Customer Service Charge										
5/8 x 3/4 Water Meter Size	\$ 8.15	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.19	\$ 7.17
SEWER (Outside City)										
Rate per 1,000 gallons	\$ 6.16	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.43	\$ 5.36
Customer Service Charge										
5/8 x 3/4 Water Meter Size	\$ 12.23	\$ 11.22	\$ 11.22	\$ 11.22	\$ 11.22	\$ 11.22	\$ 11.22	\$ 11.22	\$ 10.79	\$ 10.75

¹ Electric rates were tiered effective fiscal year 2012.

² Water rates were tiered effective fiscal year 2006.

³ Wastewater rates were tiered effective March 2007.

Note: The City Commission of the City of Brownsville, Texas is vested with the right to set utility rates.

Debt Capacity

These schedules present information to help the reader assess the Brownsville PUB's debt burden and its ability to issue additional debt in the future.

DEBT CAPACITY
COMPUTATION OF DEBT SERVICE COVERAGE - LAST TEN YEARS ^{1,2,3}

	FY 2021	FY 2020	FY 2019	FY 2018	FY 2017
OPERATING INCOME	\$143,255,673	\$28,434,506	\$29,644,124	\$44,488,073	\$46,967,688
ADD:					
Depreciation Expense	27,205,210	45,684,434	47,613,572	29,536,134	28,949,302
Investment & Other Income	293,233	2,525,819	4,954,356	3,194,311	1,639,117
LESS:					
Interest on Construction Funds	(25,119)	(432,928)	(857,976)	(404,545)	(178,972)
NET AVAILABLE INCOME	<u>\$170,728,997</u>	<u>\$76,211,831</u>	<u>\$81,354,076</u>	<u>\$76,813,973</u>	<u>\$77,377,135</u>
DEBT SERVICE:					
Revenue Bonds Payable Current	\$16,870,000	\$14,545,000	\$13,870,000	\$13,456,000	\$12,914,000
Total Interest Expense	10,308,028	10,947,307	11,453,972	12,171,696	12,808,172
Commercial Paper Interest Expense	8,861	451,484	442,758	167,579	55,636
NET CASH DEBT SERVICE	<u>\$27,186,889</u>	<u>\$25,943,791</u>	<u>\$25,766,730</u>	<u>\$25,795,275</u>	<u>\$25,777,808</u>
DEBT SERVICE COVERAGE (TIMES)	6.28	2.94	3.16	2.98	3.00

	FY 2016	FY 2015	FY 2014	FY 2013	FY 2012
OPERATING INCOME	\$33,093,794	\$41,883,847	\$27,256,483	\$21,947,648	\$32,747,013
ADD:					
Depreciation Expense	28,132,537	28,642,402	27,544,181	26,503,185	22,739,173
Investment & Other Income	1,163,964	815,942	504,537	546,098	654,057
LESS:					
Interest on Construction Funds	(193,527)	(128,019)	(94,376)	(8,823)	(13,501)
NET AVAILABLE INCOME	<u>\$62,196,768</u>	<u>\$71,214,172</u>	<u>\$55,210,825</u>	<u>\$48,988,108</u>	<u>\$56,126,742</u>
DEBT SERVICE:					
Revenue Bonds Payable Current	\$12,173,000	\$12,066,000	\$10,100,000	\$8,649,000	\$8,277,000
Total Interest Expense	13,747,956	13,538,613	14,275,285	15,310,103	14,399,174
Commercial Paper Interest Expense	17,902	13,671	5,929	14,356	39,891
NET CASH DEBT SERVICE	<u>\$25,938,858</u>	<u>\$25,618,284</u>	<u>\$24,381,214</u>	<u>\$23,973,459</u>	<u>\$22,716,065</u>
DEBT SERVICE COVERAGE (TIMES)	2.40	2.78	2.26	2.04	2.47

¹Excludes Southmost Regional Water Authority and fuel supplement paid from restricted fuel adjustment subaccount.

²Operating Income for FY 2019 is restated and FY 2020 is lower than in previous years due to change in the reporting of the fuel supplement.

³Operating Income in FY 2021 is exceptionally high due to Winter Storm Uri event in February 2021.

Demographic and Economic Information

This schedule offers demographic and economic indicators to help the reader understand the environment in which the Brownsville PUB's financial activities take place

GENERAL INFORMATION REGARDING THE CITY

The information contained herein is relative to the City and the System service area is intended solely to provide a general description of the community served by the System and to provide certain information concerning the City.

GENERAL

The City is the county seat of Cameron County, Texas. It is the southernmost city in Texas and the largest city in the lower Rio Grande Valley. The City is located about 23 miles inland from the Gulf of Mexico, on the north bank of the Rio Grande River directly across from Matamoros, Mexico, which it joins by three international bridges. The City serves as a trade center for much of the lower Rio Grande Valley.

The City has a semi-arid, subtropical climate. The lower Rio Grande Valley has rich, fertile delta soil, much of which is irrigated. Crops consist of vegetables, cotton, grain, sugar cane and citrus. The vegetation is typical of the tropics with palms, bougainvillea, poinciana and many other flowering trees and plants. Throughout the area are citrus orchards, which bloom in February and ripen in October. It has only snowed twice in the City in the last 100 years and seldom freezes. Weather characteristics of the City are 75 degrees mean average temperature (67 average in winter, 83 average in summer); 25.4 inch average rainfall; 10 mph average wind velocity; average elevation 57 feet above sea level; and 66 percent relative humidity.

POPULATION

The lower Rio Grande Valley consists of Cameron, Hidalgo, Starr and Willacy Counties with an area of approximately 4,200 square miles and a population of over 1,300,000 based on 2015 estimated census information. Winter residents increase the population substantially. The table below sets forth the population of the City, as reported in the Federal censuses covering the last six decades.

POPULATION STATISTICS

<u>YEAR</u>	<u>BROWNSVILLE ⁽¹⁾</u>	<u>CAMERON COUNTY ⁽²⁾</u>
2019	186,646	423,908
2020	186,738	421,017
2021	187,831	423,029

⁽¹⁾ Estimate from US Census Bureau.

⁽²⁾ Population growth based on average historical rates.

INDUSTRIAL DEVELOPMENT

The major portion of the City's industrial jobs and related payroll has materialized since 1971. Industrial manufacturing is rapidly becoming the primary base of economic growth, causing additional residential and commercial development.

Industries which are represented in the City include offshore drilling platforms, chemicals, electronics, communications components, ship dismantling, shrimp processing, paper and plastic bags, fluorspar, engineering, industrial engines, tool-die service, plastic injection molding, industrial services, and the manufacturing of fiberglass swimming pool accessories, corrugated boxes, utility buildings, marble vanities, fiberglass boats, appliances, automotive products, drill bits, apparel, fire and safety equipment and shrimp boats. A sampling of corporations includes Carling Technologies, Inc., CK Technologies, CTS Corporation, Dipasa US Inc., Fisher Dynamics, General Motors Corp., Gobar Systems, Keppel AmFels, National Electric Coil Division, ORC Industries, Polibrid Coatings, SaintGobain Corporation, Tella Tool, and Trico Products Corporation.

The following companies either started up or expanded operations in Brownsville/Matamoros:

Airpax Corporation (N.A. Philips)	AMFELS, Inc.
Antique Street Lamps, Inc.	AT&T Microelectronics
Border Alliance, SA de CV (Subcontractor)	Breed Automotive
Butternut Electronics	Eaton Corporation
FAMSA (Mitsubishi International Corp.)	Fort Brown Manufacturing
Gateway Services, Inc.	Levi Strauss & Co.
Hunter Fan, Inc.	Magnetek-Louis Allis Motor Controls
Magnetek-Hesgon Division	Austin Star Detonator
Magnetek-National Electric Coil	Northern Electric (NECO)
Magnetek-Universal Div.	Olson Metal Products
Nova/Link (shelter/subcontractor)	Rapid Design Service, Inc.
Panasonic Industrial Corp	Unique Molded Products
Yount Int'l, Ltd. (subcontracting)	Roca Construction
RGV Shelter Assoc. (Shelter)	Summit Polymers
Rohm & Haas Latin America, Inc.	Teccor Electronics (Ranco)
Synchro Mechanisms of America	Trico Technologies Corporation
Therma-Tru Corp.	Space-X

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The following table lists the principal employers in the System service area.

MAJOR EMPLOYERS CITY OF BROWNSVILLE

	<u>NAME</u>	<u>CLASSIFICATION</u>	<u>EMPLOYEES</u>
1	Brownville ISD	Education	6,135
2	Caring For You Home Health	Medical Healthcare	2,300
3	Cameron County	Government	1,860
4	Southwest Keys Programs	Non-profit	1,500
5	Keppel Amfels	Manufacturing	1,450
6	University of Texas Rio Grande Valley	Education	1,372
7	SpaceX	Areospace	1,260
8	City of Brownsville	Government	1,152
9	Abundant Life Home Health	Medical Healthcare	1,064
10	Wal-Mart	Retail	1,055

Sources:

Brownsville Community Improvement Corporation

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THE BROWNSVILLE NAVIGATION DISTRICT AND THE PORT OF BROWNSVILLE

The Port of Brownsville, the only deepwater port located on the U.S. and Mexico border, provides a full range of services to ensure efficient and timely cargo delivery worldwide. With abundant land for development and seventeen miles of waterfront access, the Port of Brownsville offers easy access to non-congested international bridge crossings and rail connections to your ultimate destination.

FACILITIES

- Approximately 40,000 acres of land
- 635,000 sq. ft. covered storage
- 3+ million sq. ft. open storage
- 13 cargo docks
- 5 liquid cargo dock

M-10 HIGHWAY DESIGNATION

The Port is designated as part of the M-10 Marine Highway corridor. This allows the Port to provide an economical method of transporting cargo with service routes from the Port of Brownsville along the newly designated M-10 Marine Highway.

MEXICO IMPORT/EXPORT EXPERTS

The Port of Brownsville provides excellent services to facilitate the international movement of goods between the United States and Mexico. The Port has the facilities and the knowledge to handle international cargo efficiently.

LOCATION

The Port is located at the southernmost tip of Texas at the westernmost terminus of a 17 mile (27 kilometer) channel that flows into the Gulf of Mexico at the Brazos Santiago Pass. The City of Brownsville is two miles (3.3 kilometers) to the southwest and lies adjacent to the Rio Grande River, providing a convenient gateway via three international bridges to Mexico and beyond.

MAIN CHANNEL DEPTH

The Brownsville Ship Channel has an authorized depth of 42 feet. The Turning Basin, has a depth of 36 feet and a width of 1,200 feet.

LAND AVAILABLE FOR DEVELOPMENT

The Port owns approximately 40,000 acres (16,187 hectares) of land available for development. Developed and undeveloped sites are available in the Port's Turning Basin for cargo facilities, industrial sites, expansion, relocation, manufacturing, greenfield projects, and more.

PRIMARY CARGOES

Steel Products: slabs, coils, plates, beams, iron ore, steel pipe, billets, pig iron, wire rod, ingots, briquettes, chrome ore

Liquid Cargo: lubricants, diesel, gasoline, fuel oil #6, jet fuel, naphtha, wax, vacuum gas oils

Breakbulk Cargo: limestone, asphalt, minerals

Other: grain, barite, bauxite, petroleum coke, aluminum, scrap metals, electrical poles, windmill components, etc.

OTHER PORT AREA SERVICES

Bunkering/Fuel; Construction and Refurbishing of Offshore Drilling Rigs, Domestic and International Container service; Bulk Terminaling for Miscellaneous Liquids; Ship Repairing and Dismantling/Recycling; Breakbulk/Heavy Lift/Project Cargo; Steel Fabrication, Boat Construction; Grain Handling and Storage; LPG Storage/Distribution; Crane Maintenance and Repair; Environmental & Waste Services; Marine Equipment/Supplies; and Towing & Tug Services.

MULTIMODAL ACCESS

The Port of Brownsville offers multiple modes of transportation which include ocean-going vessels, all major U.S. and Mexican truck lines, rail service, barge service via the U.S. Intracoastal and Inland Waterway System, short-sea shipping via the M-10 Marine Highway, pipeline access to U.S. and Mexican terminals, and air freight service at the Brownsville/South Padre Island International Airport.

OVERWEIGHT CORRIDOR

In order to facilitate the movement of cargo to and from Mexico, the Port of Brownsville, in conjunction with the Texas Department of Transportation, issues permits online to shippers allowing them to load their trucks to the legal weight limits of Mexico. The permits cover truck movements between the Veterans International Bridge and the Port of Brownsville via International Boulevard (SH 48). This provides the most efficient and cost-effective movement of cargo by trucks to destinations in Mexico.

FISHING HARBOR

Located on the north side of the Brownsville Ship Channel, about five miles (8.1 kilometers) east of the Turning Basin, is the Fishing Harbor, a unique asset at the Port. The Fishing Harbor consists of three 14- foot (4.2 meters) deep basins and over 10,000 linear feet (3,280 meters) of docks, which house up to 500 fishing boats, that call the Port of Brownsville home.

BROWNSVILLE & RIO GRANDE INTERNATIONAL RAILWAY (BRG)

The Brownsville & Rio Grande International Railway (BRG) provides efficient and reliable rail service to all businesses at the Port of Brownsville. Operations are 24 hours per day, 6 days per week. The BRG offers direct interchange with Union Pacific Railroad (UP), Burlington Northern Santa Fe

(BNSF) and Kansas City Southern de Mexico (KCSM). KCSM serves as UP's intermediate switch to and from Mexico.

FOREIGN TRADE ZONE

On October 20, 1980, U. S. Customs created Foreign Trade Zone ("FTZ") Number 62 with the District as the Grantee and operator. There is a total of 2,680 acres available for FTZ status at the Port of Brownsville, the Brownsville/South Padre Island International Airport, the Harlingen Industrial Park, the Los Indios Industrial Park/FINSA Industrial Park, and the NAFTA Industrial Park. The District receives fees from tenants utilizing the District's zone status. There are currently six Foreign Trade Zone tenants operating within the FTZ with general purpose warehousing and liquid bulk storage available.

TOURISM

Tourism is one of the area's biggest industries. The City ranks among the top five cities in Texas for long and short term stays, with the Rio Grande Valley as the number one area in the State of Texas as a destination point for automobile tourist traffic entering Texas. The City area has twenty-nine hotels and motels with 1,740 rooms and two country clubs. Vacationers are attracted by subtropical climate, proximity to Mexico and access to South Padre Island. In addition to a rich historical past, the City has one of the finest zoos in the nation, the Gladys Porter Zoo, donated by the Sams Foundation. Also, the Laguna-Atascosa Wildlife Refuge, Confederate Air Force Flying Museum and the Port Isabel Lighthouse are open for tourists.

TRANSPORTATION

The City is the only location on the U.S./Mexico border offering all modes of transportation including highway, air, railroad and waterborne. The City is the terminus of U.S. Highways 77/83 and 281. Three international bridges, B&M (a privately-owned bridge), Gateway International, and Veteran's International, owned by Cameron County, connect the City with Matamoros, Mexico. Several bus companies, including Greyhound Bus Line, Valley Transit and El Expreso, and motor freight carriers also serve the area. Two international airports are within a 30-mile area; the Brownsville/South Padre Island International Airport, serviced by American Airlines and United Airlines, and the Valley International Airport, serviced by Southwest Airlines and United Airlines. Air cargo is provided by FedEx, DHL, United Cargo and Southwest Airlines Cargo.

Railroad needs are met by Union Pacific and Ferrocarriles Nacionales de Mexico.

Waterborne shipping is provided through the Port to domestic and foreign destinations by barge and deep water vessels.

EDUCATIONAL FACILITIES

The City is encompassed by the Brownsville Independent School District ("BISD"). The BISD is currently comprised of 7 high schools, 11 middle schools, 37 elementary schools and 3 alternative

learning centers. In addition to the public schools, there are several private schools and charter schools ranging from kindergarten through high school available in the City.

SECONDARY EDUCATION

There are multiple institutions of higher education within a 60-mile radius of the City.

The University of Texas Rio Grande Valley has main campuses in Brownsville and Edinburg. UTRGV is a global innovator in higher education, bilingual education, health education, biomedical research, and emerging technology.

Texas Southmost College, located in Brownsville, was originally established in 1926. It currently offers the first two years toward a bachelor's degree, along with career and technical education leading to certificates and associate degrees, college preparatory studies to prepare students for college-level work, workforce training, and continuing education.

Texas State Technical Institute ("TSTC"), located in Harlingen (25 miles from the City), is a state-supported technical college system, with a mission of preparing its students to enter the workforce ready to meet the high-tech challenges of today's industry.

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**DEMOGRAPHIC STATISTICS
LAST TEN FISCAL YEARS**

Fiscal Year	Population*	Per Capita Income	(Thousand's of Dollars) Personal Income	Median Age	Education Level in Years of Formal Schooling	Public School Enrollment	Unemployment Rate
2021	187,831	17,108	3,213,413	30.9	66.3% -High School 19.7% -Bachelor's Degree	48,138	7.30%
2020	186,738	16,551	3,090,701	30.6	65.4% -High School 18.9% -Bachelor's Degree	42,989	7.90%
2019	186,646	15,495	2,892,080	30.3	64.3% -High School 18.9% -Bachelor's Degree	44,452	5.80%
2018	186,646	15,030	2,805,289	30.3	64.1% -High School 18.8% -Bachelor's Degree	45,578	5.20%
2017	185,349	14,683	2,721,479	30.7	63.8% -High School 18.0% -Bachelor's Degree	46,880	5.80%
2016	184,865	14,489	2,678,509	30.6	64.1% -High School 17.5% -Bachelor's Degree	47,749	6.60%
2015	183,046	14,124	2,585,342	29.8	63.1% -High School 17.2% -Bachelor's Degree	47,717	6.50%
2014	181,860	14,167	2,576,411	29.3	64.3% -High School 18.4% -Bachelor's Degree	48,248	8.10%
2013	180,097	13,556	2,441,395	29.5	61.8% -High School 15.7% -Bachelor's Degree	49,274	10.30%
2012	175,023	12,900	2,257,797	29.5	60.3% -High School 15.0% -Bachelor's Degree	49,271	10.50%

*Population Estimates U.S. Census Bureau

SOURCES:

Brownsville Independent School District
U.S. Census Bureau
U.S. Bureau of Economic Analysis

Operating Information

These schedules contain service and infrastructure data to help the reader understand how the information in the Brownsville PUB's Budget and CAFR relate to the service Brownsville PUB provides and the activities it performs

OPERATING INFORMATION

EXPENSES BY UTILITY – LAST TEN YEARS

	FY 2021	FY 2020	FY 2019	FY 2018 Restated	FY 2017 Restated
ELECTRIC					
Generation and Purchases for Resale	\$ 212,928,881	\$ 69,918,239	\$ 74,796,747	\$ 74,337,732	\$ 70,496,415
Transmission and Distribution	8,422,883	8,376,963	7,382,752	7,130,981	6,965,840
Administrative and General	32,935,034	32,736,695	32,546,901	28,859,842	29,431,623
Rate Stabilization ²	-	-	-	-	-
Depreciation	12,718,751	30,072,347	33,556,217	15,978,408	15,986,715
Total Electric Operating Expenses	<u>\$ 267,005,549</u>	<u>\$ 141,104,244</u>	<u>\$ 148,282,617</u>	<u>\$ 126,306,963</u>	<u>\$ 122,880,593</u>
WATER					
Plant Operations	\$ 5,197,196	\$ 5,311,778	\$ 5,222,708	\$ 5,782,746	\$ 4,427,577
Transmission and Distribution	3,479,550	3,559,242	3,324,018	3,416,818	3,260,832
Administrative and General	5,205,105	5,817,008	6,507,019	6,411,935	6,126,023
Depreciation	5,483,139	5,922,981	5,111,179	5,039,447	4,894,699
Total Water Operating Expenses	<u>\$ 19,364,990</u>	<u>\$ 20,611,009</u>	<u>\$ 20,164,924</u>	<u>\$ 20,650,946</u>	<u>\$ 18,709,131</u>
WASTEWATER					
Plant Operations	\$ 6,573,943	\$ 6,551,461	\$ 7,210,932	\$ 6,774,909	\$ 6,530,394
Transmission and Distribution	974,216	741,446	830,075	808,444	772,747
Administrative and General	4,949,096	5,440,147	6,594,912	6,049,418	6,051,881
Depreciation	9,003,321	9,689,106	8,946,176	8,518,279	8,067,888
Total Wastewater Operating Expenses	<u>\$ 21,500,576</u>	<u>\$ 22,422,160</u>	<u>\$ 23,582,095</u>	<u>\$ 22,151,050</u>	<u>\$ 21,422,910</u>
SOUTHMOST REGIONAL WATER AUTHORITY					
Administration and General	\$ 3,091,463	\$ 3,353,539	\$ 3,440,425	\$ 3,572,989	\$ 3,351,035
Depreciation	1,283,498	1,287,437	1,276,262	1,250,362	1,244,517
Total SRWA Operating Expenses	<u>\$ 4,374,961</u>	<u>\$ 4,640,976</u>	<u>\$ 4,716,687</u>	<u>\$ 4,823,351</u>	<u>\$ 4,595,552</u>
TOTAL OPERATING EXPENSES	<u>\$ 312,246,076</u>	<u>\$ 188,778,389</u>	<u>\$ 196,746,323</u>	<u>\$ 173,932,310</u>	<u>\$ 167,608,186</u>
OTHER NONOPERATING REVENUES (EXPENSES)¹	<u>\$ (34,962,276)</u>	<u>\$ 5,053,209</u>	<u>\$ (15,794,133)</u>	<u>\$ (8,397,086)</u>	<u>\$ (15,400,823)</u>

¹ Excludes payments to the City of Brownsville

² FY18 and FY17 restated due to Rate Stabilization funds previously considered operating expenses now netted from revenues.

OPERATING INFORMATION
EXPENSES BY UTILITY – LAST TEN YEARS (continued)

	FY 2016 Restated	FY 2015	FY 2014	FY 2013	FY 2012
ELECTRIC					
Generation and Purchases for Resale	\$ 63,120,545	\$ 72,523,667	\$ 73,010,092	\$ 58,343,217	\$ 54,353,235
Transmission and Distribution	6,912,082	6,499,004	6,284,873	6,305,706	6,347,120
Administrative and General	34,583,521	21,524,432	20,437,763	20,656,916	18,697,201
Rate Stabilization ²	-	-	-	-	-
Depreciation	15,069,917	14,887,881	14,768,870	14,793,412	13,373,507
Total Electric Operating Expenses	<u>\$ 119,686,065</u>	<u>\$ 115,434,984</u>	<u>\$ 114,501,598</u>	<u>\$ 100,099,251</u>	<u>\$ 92,771,063</u>
WATER					
Plant Operations	\$ 5,129,025	\$ 5,581,020	\$ 6,397,130	\$ 5,649,170	\$ 4,993,739
Transmission and Distribution	3,082,104	2,901,226	2,743,060	2,565,614	2,514,676
Administrative and General	7,250,855	5,141,431	5,325,225	4,748,131	4,081,484
Depreciation	5,116,669	5,622,967	5,543,534	5,345,962	3,766,336
Total Water Operating Expenses	<u>\$ 20,578,653</u>	<u>\$ 19,246,644</u>	<u>\$ 20,008,949</u>	<u>\$ 18,308,877</u>	<u>\$ 15,356,235</u>
WASTEWATER					
Plant Operations	\$ 6,526,539	\$ 6,417,406	\$ 6,656,181	\$ 6,138,037	\$ 5,967,684
Transmission and Distribution	837,287	1,160,632	920,364	764,006	804,846
Administrative and General	7,667,223	5,502,973	5,431,148	5,171,407	4,696,229
Depreciation	7,945,949	8,131,553	7,231,777	6,363,811	5,599,330
Total Wastewater Operating Expenses	<u>\$ 22,976,998</u>	<u>\$ 21,212,564</u>	<u>\$ 20,239,470</u>	<u>\$ 18,437,261</u>	<u>\$ 17,068,089</u>
SOUTHMOST REGIONAL WATER AUTHORITY					
Administration and General	\$ 3,489,520	\$ 3,123,518	\$ 2,775,244	\$ 2,970,231	\$ 2,587,656
Depreciation	931,124	864,865	864,865	862,860	862,649
Total SRWA Operating Expenses	<u>\$ 4,420,644</u>	<u>\$ 3,988,383</u>	<u>\$ 3,640,109</u>	<u>\$ 3,833,091</u>	<u>\$ 3,450,305</u>
TOTAL OPERATING EXPENSES	<u><u>\$ 167,662,360</u></u>	<u><u>\$ 159,882,575</u></u>	<u><u>\$ 158,390,126</u></u>	<u><u>\$ 140,678,480</u></u>	<u><u>\$ 128,645,692</u></u>
OTHER NONOPERATING REVENUES (EXPENSES)¹	<u><u>\$ (14,102,922)</u></u>	<u><u>\$ (15,646,848)</u></u>	<u><u>\$ (14,391,847)</u></u>	<u><u>\$ (16,689,611)</u></u>	<u><u>\$ (16,906,771)</u></u>

¹ Excludes payments to City of Brownsville

² FY16 restated due to Rate Stabilization funds previously considered operating expenses now netted from revenues.

OPERATING INFORMATION
ELECTRIC ENERGY SOURCES, WATER AND WASTEWATER STATISTICS
LAST TEN YEARS

	FY 2022	FY 2021	FY 2020	FY 2019	FY 2018
SOURCES OF ENERGY (kWh)					
Total Net Energy Generated	808,254,582	926,706,204	1,231,824,938	1,350,866,264	1,224,415,215
Total Energy Purchased	1,088,610,589	974,035,691	336,912,190	186,542,500	295,731,900
TOTAL SOURCES OF ENERGY	1,896,865,171	1,900,741,895	1,568,737,128	1,537,408,764	1,520,147,115
Less: System Losses and					
Inadvertent Energy (kWh)	(25,649,874)	(29,116,701)	(29,241,337)	(25,542,731)	(27,039,952)
Net Available for Sale (kWh)	1,871,215,297	1,871,625,194	1,539,495,791	1,511,866,033	1,493,107,163
Sales for Resale (kWh)	(519,115,193)	(576,980,218)	(264,564,600)	(204,155,127)	(159,885,557)
NET ENERGY FOR LOAD	1,352,100,104	1,294,644,976	1,274,931,191	1,307,710,906	1,333,221,606
WATER STATISTICS					
Water Production - 1,000 Gallons					
Raw Water Treated	5,733,552	5,326,847	5,298,583	5,318,507	5,874,579
Raw Water Used in Plant	(172,143)	(200,208)	(244,219)	(265,051)	(207,020)
Surface Water Treated	5,561,409	5,126,639	5,054,364	5,053,456	5,667,559
SRWA (Purchased Water)*	2,107,533	2,340,149	2,537,831	2,482,556	2,495,123
Water Pumped to City	7,668,942	7,466,788	7,592,195	7,536,012	8,162,682
Water Sales	6,749,619	6,740,690	6,757,580	6,334,790	6,695,462
Other Unmetered Usage	31,644	50,564	114,398	255,969	165,736
Losses and Unaccounted for Gallonage	887,679	675,534	717,460	945,253	1,301,484
Thousand Gallons to System	7,668,942	7,466,788	7,589,438	7,536,012	8,162,682
Unaccounted For	11.57%	9.00%	9.50%	12.54%	15.94%
Average Daily Consumption	21,011	22,657	20,725	20,627	22,341
Peak Maximum Demand (MG)	27	25	27	27	30
Date	7/26/2022	9/9/2021	7/20/2020	8/21/2019	8/20/2018
WASTEWATER STATISTICS					
Annual Demand (1,000 Gals.)	5,616,317	5,339,312	5,240,443	5,269,519	5,300,889
Maximum Day (MG)	35.8	38.4	36.5	29.8	34.8

* FY 2011 through FY 2022 Water Production includes Southmost Regional Water Authority Production.

OPERATING INFORMATION
ELECTRIC ENERGY SOURCES, WATER AND WASTEWATER STATISTICS
LAST TEN YEARS (continued)

	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013
SOURCES OF ENERGY (kWh)					
Total Net Energy Generated	1,202,079,235	1,231,840,523	806,397,153	921,011,194	924,212,443
Total Energy Purchased	328,964,400	428,953,100	690,167,500	578,306,000	508,341,700
TOTAL SOURCES OF ENERGY	1,531,043,635	1,660,793,623	1,496,564,653	1,499,317,194	1,432,554,143
Less: System Losses and Inadvertent Energy (kWh)	(24,589,310)	(22,449,897)	(25,996,837)	(27,903,614)	(27,070,226)
Net Available for Sale (kWh)	1,506,454,325	1,638,343,726	1,470,567,816	1,471,413,580	1,405,483,917
Sales for Resale (kWh)	(177,000,430)	(316,499,025)	(29,993,800)	(12,239,700)	(5,915,000)
NET ENERGY FOR LOAD	1,329,453,895	1,321,844,701	1,440,574,016	1,459,173,880	1,399,568,917
WATER STATISTICS					
Water Production - 1,000 Gallons					
Raw Water Treated	5,579,560	5,301,156	5,216,966	5,888,490	6,611,306
Raw Water Used in Plant	(119,670)	(160,738)	(235,716)	(54,450)	(398,363)
Surface Water Treated	5,459,890	5,140,418	4,981,250	5,834,040	6,212,943
SRWA (Purchased Water)*	2,440,611	2,317,634	2,092,497	1,816,125	1,963,421
Water Pumped to City	7,900,501	7,458,052	7,073,747	7,650,165	8,176,364
Water Sales	6,732,120	6,392,340	6,055,349	6,636,736	7,251,194
Other Unmetered Usage	155,286	130,685	89,772	208,500	227,400
Losses and Unaccounted for Gallonage	1,013,095	935,027	928,626	804,929	697,770
Thousand Gallons to System	7,900,501	7,458,052	7,073,747	7,650,165	8,176,364
Unaccounted For	12.82%	12.54%	13.13%	10.52%	11.32%
Average Daily Consumption	18,444	17,465	22,253	21,078	22,334
Peak Maximum Demand (MG)	34	29	27	29	30
Date	5/23/2017	8/10/2016	8/11/2015	8/21/2014	7/3/2013
WASTEWATER STATISTICS					
Annual Demand (1,000 Gals.)	5,370,043	5,580,261	5,916,884	5,047,953	4,799,312
Maximum Day (MG)	21.2	32.6	36.2	32.2	29.1

* FY 2011 through FY 2022 Water Production includes Southmost Regional Water Authority Production.



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PUBLIC UTILITIES BOARD
