



BROWNSVILLE PUBLIC UTILITIES BOARD

Annual Budget Report October 1, 2018 - September 30, 2019



Brownsville



2014



Front cover:

1.) June 14, 2018 groundbreaking ceremony for the new service center located on FM 511. The service center is expected to open its doors sometime in December of 2019 for the departments of Purchasing, Warehouse, Fleet Management, Substations & Relaying, Electric Transmission & Distribution Construction & Maintenance, Electric Meter Shop, W/WW Operations & Construction, W/WW Plant Maintenance, Wastewater Lift Stations, and Health & Safety.

Brownsville Public Utilities Board

A Component Unit of the City of Brownsville, Texas

ANNUAL BUDGET REPORT

October 1, 2018 - September 30, 2019

Prepared by
Finance Department

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**FISCAL YEAR 2019
TABLE OF CONTENTS**

<u>OVERVIEW</u>	<u>PAGE</u>
Organizational Chart.....	3
Summary Letter	7
GFOA Distinguished Budget Presentation Award	28
Budget Program	29
Budget Preparation Process & Procedures	30
Budget Preparation Calendar	33
Significant Financial Program Components	34
<u>BUDGET RECAP</u>	
Total Combined Utility Requirements.....	44
FY 2019 Uses of Funds.....	44
FY 2019 Requirements as a Percent of Total Budget.....	45
Budget Recap FY 2019 Revenues	46
FY 2019 Revenues - Utility Percent By Revenue Type	46
Operations & Maintenance Expense Recap By Type FY 2009 – FY 2019.....	47
Operations & Maintenance Expense Recap By Department & Type – FY 2019.....	48
Operations & Maintenance Expense Recap By Department FY 2015 – FY 2019.....	50
Operations & Maintenance Expense Recap By Department FY 2019 Budget	51
FY 2019 Approved Budgeted Number of Positions By Division/Organization.....	52
Computation of Change in Net Position and Funds Available for Capital and Reserve Funds	59
Unit Sales Statistics.....	60
Outstanding Debt	61
Outstanding Principal Debt Through Maturity – Graph.....	62
Debt Service.....	63
Debt Service Requirements by Fiscal Year	64
<u>REVENUES</u>	
Sales & Services to Customers – Operating Revenues by System.....	66
Revenues by Source.....	67
Revenues – Sources, Assumptions and Trends.....	68
Total Utility Combined Revenues & Requirements FY 2015 – FY 2019.....	72
Electric Revenues & Requirements FY 2015 – FY 2019.....	73
Water Revenues & Requirements FY 2015 – FY 2019.....	74
Wastewater Revenues & Requirements FY 2015 – FY 2019.....	75
Projected Revenues & Requirements FY 2019 – FY 2023	76
<u>OPERATIONS & MAINTENANCE EXPENSE BUDGET</u>	
Department 1110 – General Manager.....	78
Department 1120 – Internal Audit	80
Department 1125 – Key Account Marketing.....	82
Department 1130 – Communications & Administrative Services.....	84



**FISCAL YEAR 2019
TABLE OF CONTENTS**

	<u>PAGE</u>
Department 1135 – Communications & Public Relations.....	86
Department 1140 – Organizational Development	88
Department 1145 – Electrical Systems	90
Department 1150 – Board of Directors.....	92
Department 1165 – Records Management.....	94
Department 1410 – Environmental Services	96
Department 1420 – Environmental Compliance.....	98
Department 1422 – Analytical Laboratory	100
Department 1430 – Pre-Treatment.....	102
Department 1435 – Cross Connection Control.....	104
Department 1440 – Health & Safety.....	106
Department 2110 – Electrical Transmission & Distribution Support Services	108
Department 2120 – Substations & Relaying.....	110
Department 2130 – Electric Transmission & Distribution Construction & Maintenance.....	112
Department 2140 – Electric Transmission & Distribution Maintenance.....	114
Department 2150 – Energy Control Center Operations.....	116
Department 2210 – SCADA & Electrical Support Services	118
Department 2220 – Power Production.....	120
Department 2310 – Electric Meter Shop	122
Department 2410 – Electric Engineering.....	124
Department 3110 – Water & Wastewater Engineering, Planning & Operations	126
Department 3120 – Water Plant I	128
Department 3130 – Water Plant II.....	130
Department 3135 – Resaca Maintenance.....	132
Department 3140 – Raw Water Supply	134
Department 3145 – Water & Wastewater Plant Maintenance	136
Department 3150 – Water & Wastewater Operations & Construction.....	138
Department 3210 – South Wastewater Treatment Plant.....	140
Department 3220 – Robindale Wastewater Treatment Plant.....	142
Department 3225 – Water/Wastewater Sludge Management.....	144
Department 3230 – Wastewater Lift Stations.....	146
Department 3310 – Water & Wastewater Engineering	148
Department 4105 – Operations	150
Department 4110 – Energy Risk Management.....	152
Department 4210 – NERC Compliance.....	154
Department 4220 – Fuel & Purchased Energy Supply	156
Department 4230 – Natural Gas Utility Management	158
Department 4310 – Operational Support Services.....	160
Department 5110 – Finance.....	162
Department 5120 – Accounting	164
Department 5130 – Purchasing.....	166
Department 5140 – Revenue Recovery	168



**FISCAL YEAR 2019
TABLE OF CONTENTS**

	<u>PAGE</u>
Department 6105 – Customer & Information Services	170
Department 6110 – Customer Service	172
Department 6115 – Collections	174
Department 6120 – Billing.....	176
Department 6125 – Call Center	178
Department 6130 – Meter Services.....	180
Department 6135 – CIS Support.....	182
Department 6145 – Energy Efficiency & Conservation	184
Department 6150 – Meter Reading.....	186
Department 6160 – Cashiers.....	188
Department 7120 – Risk/Insurance Management.....	190
Department 7130 – Information Technology	192
Department 7135 – Geographic Information Systems.....	194
Department 7140 – Human Resources	196
Department 7145 – Talent Acquisition and Staffing	198
Department 7150 – Fleet Management.....	200
Department 7155 – Compensation & Benefits	202
Department 7160 – Facility Maintenance.....	204
Department 7170 – Warehouse.....	206
Department 9110 – Company-wide Expenses.....	208
Department 9150 – Prior FY Encumbered Budget.....	209

CAPITAL BUDGET

Five-Year Capital Improvement Plan – Summary by Funding Source	212
Five-Year Capital Improvement Plan – Summary by Utility Chart	213
FY 2019 Capital Budget Summary.....	214
FY 2019 Capital Budget by Funding Source.....	215
FY 2019 Capital Budget by System.....	216
Five-year Capital Improvements Plan Project Summary.....	217
Capital Budget Summary – Improvement Fund Projects (Fund 400)	334
Capital Budget Summary – Impact Fees Fund Projects (Fund 410)	339
Capital Budget Summary – Future Debt Bond Proceeds Projects (Commercial Paper Fund 405)...	340
Capital Budget Summary – Grant Proceeds Projects (Fund 200).....	344
Summary Expenditure Report For All Carryover Projects – FY 2018 – Improvement Fund (Fund 400).....	345
Capital Project Listing – FY 2018 For All Carryover General & Administrative Utility Projects – Improvement Fund (Fund 400).....	346
Capital Project Listing – FY 2018 For All Carryover Electric Utility Projects – Improvement Fund (Fund 400)	347
Capital Project Listing – FY 2018 For All Carryover Water Utility Projects – Improvement Fund (Fund 400)	358



**FISCAL YEAR 2019
TABLE OF CONTENTS**

	<u>PAGE</u>
Capital Project Listing – FY 2018 For All Carryover Wastewater Utility Projects – Improvement Fund (Fund 400)	362
Capital Project Listing – FY 2018 For All Carryover Water & Wastewater Utility Projects – Improvement Fund (Fund 400).....	364
Summary Expenditure Report For All Carryover Projects – FY 2018 – For All Other Capital Funds.....	365
Capital Project Listing – FY 2018 For All Carryover Projects – Future Debt Bond Proceeds Projects (Commercial Paper Fund 405).....	366
Capital Project Listing – FY 2018 For All Carryover Projects – Impact Fees Fund Projects (Fund 410).....	370
Capital Project Listing – FY 2018 For All Carryover Projects – Grant Proceeds (Fund 200).....	371
 <u>GRANTS</u>	
Grant Schedule.....	374
 <u>APPENDICES</u>	
Appendices Section	378
Appendix A – Operations Expense Analysis By Account.....	379
Appendix B – Brownsville PUB Description, Service Territory Maps.....	382
Appendix C – Glossary	389
Appendix D – Financial Trends	
Balance Sheets	400
Statements of Revenues, Expenses, and Changes in Net Position	402
Revenue Capacity	
Average Number of Services Billed By Utility – Last Ten Years.....	404
Revenues By Utility – Last Ten Years	406
Unit Sales By Utility – Last Ten Years	407
Ten-Year Rate Analysis – Residential Rates.....	408
Debt Capacity	
Computation of Debt Service Coverage – Last Ten Years.....	410
Appendix E – Demographic and Economic Information	
General Information Regarding the City	412
Demographic Statistics – Last Ten Fiscal Years	419
Appendix F – Operating Information	
Expenses By Utility – Last Ten Years.....	422
Electric Energy Sources, Water and Wastewater Statistics – Last Ten Years.....	424

OVERVIEW



BOARD OF DIRECTORS
As of October 1, 2018

Nurith Galonsky Chair
 Martin C. Arambula Vice Chair
 Celestino Villarreal Secretary/Treasurer
 Rafael S. Chacon Member
 Armando Magallanes Member
 Anna E. Oquin Member
 Mayor Antonio Martinez Ex-Officio Member

BOARD ADMINISTRATION

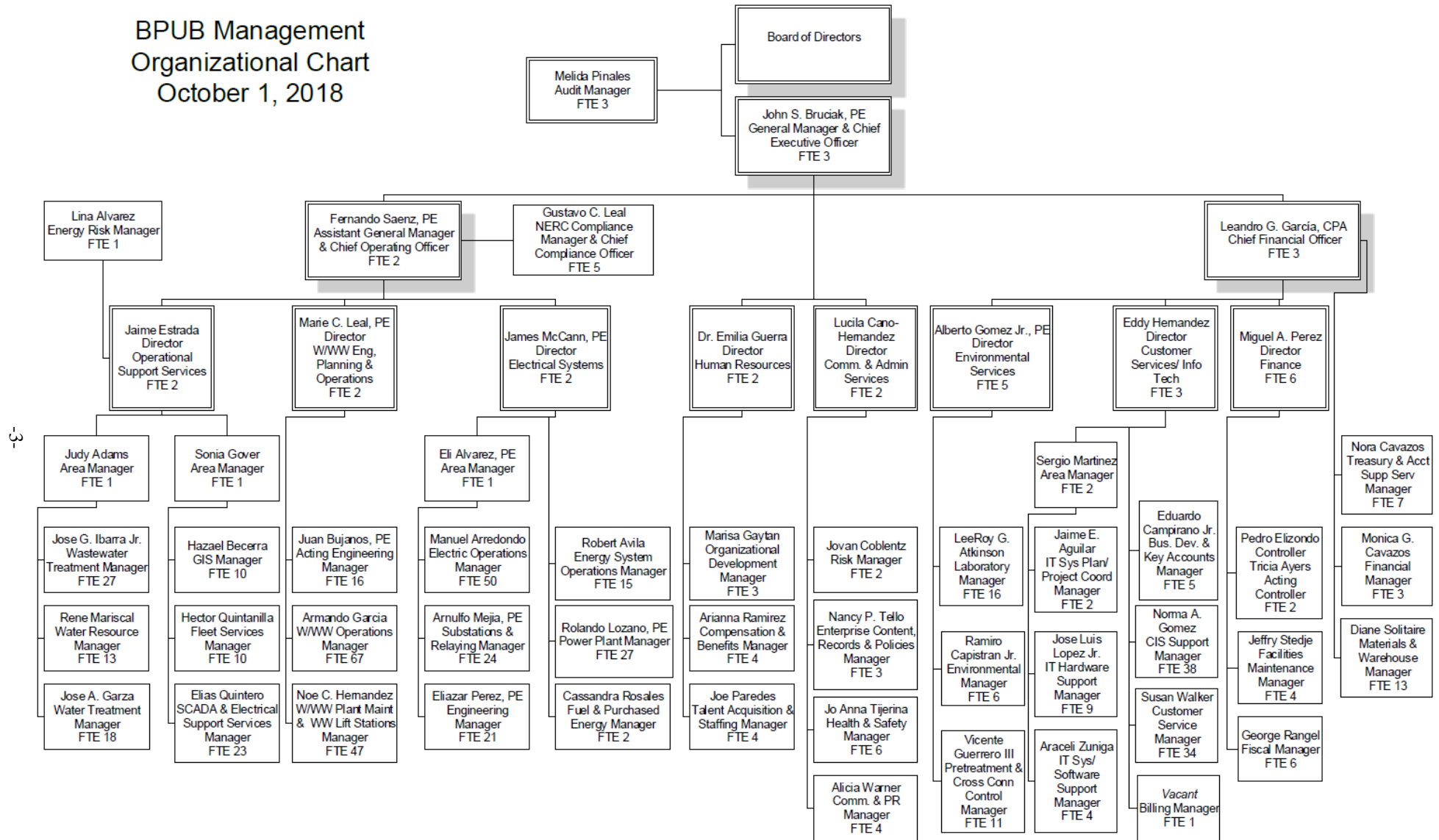
John S. Bruciak, P.E. General Manager and Chief Executive Officer
 Fernando Saenz, P.E. Assistant General Manager and Chief Operating Officer
 Leandro G. García, CPA Chief Financial Officer

CITY OF BROWNSVILLE, TEXAS
 City Hall/Market Square
 P.O. Box 911
 Brownsville, Texas 78520
 Telephone: 956-548-6000

CITY COMMISSION

Antonio Martinez Mayor
 Cesar De Leon Commissioner, At-Large "A"
 Rose M.Z. Gowen, M.D. Commissioner, At-Large "B"
 Ricardo Longoria, Jr. Commissioner, District 1
 Jessica Tetreau-Kalifa Commissioner, District 2
 Joel Munguia Commissioner, District 3
 Ben Neece Commissioner, District 4

B PUB Management Organizational Chart October 1, 2018



General Manager & Chief Executive Officer

John S. Bruciak, P.E.

**Assistant General Manager
& Chief Operating Officer**

Fernando Saenz, P.E.

Chief Financial Officer

Leandro G. Garcia, CPA

Human Resources

Dr. Emilia Guerra
Director

Internal Audit

Melida Pinales
Manager

**Communications &
Administrative Services**

Lucila Cano-Hernandez
Director

Final Approved Positions

Department	Department Name	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Change from FY 2018 to FY 2019
1110	General Manager	4	3	3	3	3	0
1120	Internal Audit	3	3	3	3	3	0
1130	Communications & Admin Svc	2	2	2	2	2	0
1135	Communications & Public Relations	4	4	4	4	4	0
1140	Organizational Development	3	3	3	3	3	0
1165	Records Management	2	2	2	3	3	0
1440	Health & Safety	6	6	6	6	6	0
7120	Risk/Insurance Management	2	2	2	2	2	0
7140	Human Resources	9	6	2	2	2	0
7145	Talent Acquisition and Staffing	0	3	3	4	4	0
7155	Compensation & Benefits	0	0	4	4	4	0
	TOTAL	35	34	34	36	36	0

Note:

Changes in personnel counts from FY 2018 to FY 2019 are due to interdepartmental transfers.
No new positions in 2019 O&M Budget.

Assistant General Manager & Chief Operating Officer

Fernando Saenz, P.E.

**W/WW Engineering,
Planning & Operations**

Marie C. Leal
Director

Electrical Systems

James McCann, P.E.
Director

**Operational Support
Services**

Jaime Estrada
Director

NERC Compliance

Gustavo C. Leal
Manager

Final Approved Positions

Department	Department Name	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Change from FY 2018 to FY 2019
1145	Electrical Systems	0	3	3	3	3	0
2110	Electric Trans & Dist Support Services	1	0	0	0	0	0
2120	Substations & Relaying	12	24	24	24	24	0
2130	Elec. T&D Construction & Maintenance	31	28	28	28	50	22
2140	Elec. T&D Maintenance	31	22	22	22	0	-22
2150	Energy Control Center Operations	14	15	15	15	15	0
2210	SCADA & Elec. Support Services	17	19	19	22	23	1
2220	Power Production	28	27	27	27	27	0
2310	Electric Meter Shop	8	8	8	8	8	0
2410	Electric Engineering	14	14	14	14	13	-1
3110	W/WW Eng. Planning & Operations	2	2	2	2	2	0
3120	Water Plant I	9	10	10	10	10	0
3130	Water Plant II	9	8	8	8	8	0
3135	Resaca Maintenance	19	17	17	9	9	0
3140	Raw Water Supply	4	4	4	4	4	0
3145	W/WW Plant Maintenance	13	13	13	13	13	0
3150	W/WW Operations & Construction	68	67	67	67	67	0
3210	South WW Treatment Plant	9	10	10	10	8	-2
3220	Robindale WW Treatment Plant	12	11	11	17	11	-6
3225	W/WW Sludge Management	0	0	0	0	8	8
3230	Wastewater Lift Stations	35	35	35	34	34	0
3310	W/WW Engineering	21	16	16	16	16	0
4105	Operations	0	2	2	2	2	0
4110	Energy Risk Management	2	1	2	1	1	0
4210	NERC Compliance	3	5	5	5	5	0
4220	Fuel & Purchased Energy Supply	1	2	1	2	2	0
4230	Natural Gas Utility Management	0	0	0	0	0	0
4310	Operational Support Services	2	4	4	4	4	0
7135	Geographic Information Systems	13	11	11	10	10	0
7150	Fleet Management	10	10	10	10	10	0
TOTAL		388	388	388	387	387	0

Note:

Changes in personnel counts from FY 2018 to FY 2019 are due to interdepartmental transfers.
No new positions in 2019 O&M Budget.

Chief Financial Officer

Leandro G. Garcia, CPA

**Customer &
Information Services**

Eddy Hernandez
Director

Environmental Services

Alberto Gomez
Director

Accounting

Miguel A. Perez
Director of Finance

Finance

Monica Garza Cavazos
Financial Manager

Purchasing/Warehouse

Diane Solitaire
Manager

**Treasury and Accounting
Support Services**

Nora Cavazos
*Treasury and Accounting
Support Services Manager*

Final Approved Positions

Department	Department Name	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Change from FY 2018 to FY 2019
1125	Key Account Marketing	6	5	5	4	4	0
1410	Environmental Services	4	4	5	5	5	0
1420	Environmental Compliance	6	6	6	6	6	0
1422	Analytical Lab	16	16	16	16	16	0
1430	Pre-treatment	10	12	11	8	8	0
1435	Cross Connection Control	0	0	0	3	3	0
5110	Finance	6	8	7	7	7	0
5120	Accounting	14	15	16	16	17	1
5130	Purchasing	6	7	7	7	7	0
5140	Revenue Recovery	3	3	3	3	3	0
6105	Customer & Information Services	3	3	3	3	3	0
6110	Customer Service	11	14	14	13	14	1
6115	Collections	4	4	4	4	4	0
6120	Billing	7	8	7	8	9	1
6125	Call Center	10	11	11	12	12	0
6130	Meter Services	9	9	10	10	9	-1
6135	CIS Support	3	3	3	3	3	0
6145	Energy Efficiency & Conservation	1	1	1	1	1	0
6150	Meter Reading	15	15	15	14	14	0
6160	Cashiers	9	9	9	9	8	-1
7110	Administrative Services	1	0	0	0	0	0
7130	Information Technology	18	17	17	18	17	-1
7160	Facility Maintenance	4	4	4	4	4	0
7170	Warehouse	6	6	6	6	6	0
9110	Company-wide Expenses	3	0	2	1	1	0
	TOTAL	175	180	182	181	181	0

Note:

Changes in personnel counts from FY 2018 to FY 2019 are due to interdepartmental transfers.
No new positions in 2019 O&M Budget.



December 1, 2018

We are pleased to present the Fiscal Year 2019 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 \$223.20 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 continuing mission to be the foundation for our community's future by providing reliable infrastructure, competitive rates, and exceptional customer service.

The Brownsville PUB's FY 2019 Budget supports the Board's strategic goals, which are: to have the Necessary Infrastructure to Effectively Provide Reliable and Exceptional Service at Competitive Rates; Become the Employer of Choice; to have Key Processes Meet and Exceed Process Performance Measures; to Expand and Enhance Understanding of Brownsville PUB's Value to the Community and Communicate Board Management Decisions to Employees; have all Brownsville PUB employees Know, Understand, and "Live" the Core Values in their Daily Work Routines. 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 10, 2018.

The City Commission adopted a five-year rate plan in 2012 that included increases sufficient to meet projected costs and debt coverage requirements. Rates were increased effective April 1, 2013, for the electric utility. Subsequent rate increases went into effect on October 1, 2013 and 2014 for all three utilities and on October 1, 2015 and 2016 for electric and water only.

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, if appropriate.

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

- Operating Subaccount – Fuel Adjustment: The approved budget includes \$24.0 million to serve as a customer bill reduction plan through the maintenance of the Fuel & Purchased Energy Charge at constant monthly levels.
- Pay As You Go (PAYGO) – CIP Funding: The approved budget includes \$6.88 million to fund Capital Improvement Projects with cash.

The budget preparation process and budget preparation calendar are presented in additional detail on pages 29 through 33.

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FY 2019 BUDGET

The Budget for FY 2019 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 10/1/18
 - 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 2019 Uses of Funds Chart
 - j. FY 2019 Requirements as a Percent of Total Budget Chart
 - k. Budget Recap FY 2019 Revenues
 - l. FY 2019 Revenues - Utility Percent by Revenue Type Chart
 - m. O&M Expenses Recap by Type FY 2009 – FY 2019
 - n. O&M Expenses Recap by Department & Type – FY 2019
 - o. O&M Expenses Recap by Department FY 2015 – FY 2019
 - p. O&M Expenses Recap by Department FY 2019 Budget
 - q. FY 2019 Approved Budgeted Number of Positions by Division/Organization
 - r. Net Position Computation of Change in Net Position and Funds Available for Capital and Reserve Funds
 - s. Unit Sales Statistics
 - t. Outstanding Debt
 - u. Outstanding Principal Debt through Maturity - Graph
 - v. Debt Service
 - w. 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 2012-2013, Brownsville PUB updated its 2008-2013 Strategic Plan to identify the key issues that would influence the utility's efforts over the next five years. The updated 2013-2018 Strategic Plan was presented to the Board of Directors in October 2013 and was adopted by the Board on December 9, 2013. For the past five years, the Strategic Plan has inspired stronger interdepartmental communication and cooperation, and increased employee involvement in Brownsville PUB's planning culture.

Brownsville PUB's Strategic Plan continues to promote strategies about the workforce, internal and external communications, and business processes that continue to be important areas in which to focus the utility's efforts. Issues identified in the updated strategic plan revolve around the Brownsville PUB infrastructure and corporate culture. The issues identified in the 2013-2018 Strategic Plan will support Brownsville PUB's Mission Statement of being the foundation for our community's future by providing reliable infrastructure, competitive rates, and exceptional customer service.

Brownsville PUB has chosen to continue following the 2018 Strategic Plan on an interim basis while a new five-year plan is being developed.

The following table summarizes each of Brownsville PUB's five priority issues, goals, and strategies as identified in the Strategic Plan for implementation.

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SUMMARY – ISSUES, GOALS & STRATEGIES

ISSUE	GOAL	STRATEGIES
<p>1 We must address our growing infrastructure and business demands.</p>	<p>BPUB will have the necessary infrastructure to effectively provide reliable and exceptional service at competitive rates.</p>	<ol style="list-style-type: none"> 1. Optimizing and integrating the use of technology increases efficiency. 2. Environmental stewardship enables the community to conserve resources. 3. Preventative maintenance programs improve quality and reliability. 4. A business plan builds the foundation for a successful natural gas utility system. 5. Adequate infrastructure provides reliable service, supports a growing community, and is in alignment with the Greater Brownsville Infrastructure Development Plan.
<p>2 A skilled and knowledgeable workforce must be attracted, developed, and retained.</p>	<p>BPUB will become the employer of choice by offering competitive salaries, benefits, and career development plans for employees.</p>	<ol style="list-style-type: none"> 1. Identifying and addressing employee needs retains a talented and skilled workforce. 2. A competitive compensation package supports employee recruitment and retention. 3. A competitive benefits package supports employee recruitment and retention. 4. A leading recruitment program attracts the most qualified workforce. 5. Effective HR systems increase the HR Department’s productivity in attracting, retaining, and developing the workforce.
<p>3 We must challenge how we work to improve our processes.</p>	<p>Key processes meet and exceed process performance measures.</p>	<ol style="list-style-type: none"> 1. Creating an inventory of key processes builds the foundation for improved organizational performance. 2. Streamlining existing key processes improves efficiency and effectiveness. 3. Defining and documenting processes enhances organizational performance. 4. Implementing revised key processes enables consistency and increases work quality.
<p>4 We must improve our communications.</p>	<p>BPUB will expand and enhance customer and stakeholder understanding of BPUB’s value to the community. BPUB will communicate Board and Management decisions to help employees understand the reasoning behind those decisions and create an avenue for employees to provide feedback.</p>	<ol style="list-style-type: none"> 1. Identifying our external audiences, methods, and messages will establish effective communications. 2. Effective and open internal communications improves employee relations and morale. 3. Making the most of every customer contact improves customer relations. 4. Sharing information with key stakeholders about issues, projects, and achievements improves their knowledge and support of BPUB. 5. Partnering and participating in community organizations and events promotes goodwill and enhances BPUB’s image.
<p>5 A value-driven corporate culture must be developed and maintained.</p>	<p>All BPUB employees know, understand and incorporate the core values in their daily work routines.</p>	<ol style="list-style-type: none"> 1. Developing and maintaining a positive work culture and environment builds employee satisfaction and success. 2. Engaging leadership leads to sustainable cultural change. 3. Integrating our core values within our business practices drives cultural change.

UNIT SALES

Projected unit sales and revenues are predicated upon information and data provided by staff including actual detailed customer billing statistics and financial results from FY 2018 and prior years, and other pertinent records of operations.

Projected unit sales are as follows:

	Budget FY 2018	UNAUDITED Year End FY 2018	Percent Difference	Approved FY 2019	Percent Difference FY 2019 vs UNAUDITED Year End FY 2018
Electric (kWh)	1,343,114,109	1,350,932,065	0.58%	1,345,341,703	-0.41%
Water (1,000 gallons)	6,435,910	6,695,462	4.03%	6,694,277	-0.02%
Wastewater (1,000 gallons)	4,537,961	4,585,651	1.05%	4,616,121	0.66%

REVENUES

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

	Budget FY 2018	UNAUDITED Year End FY 2018	Percent Difference	Approved FY 2019	Percent Difference FY 2019 vs UNAUDITED Year End FY 2018
Electric	\$ 149,409,700	\$ 154,599,958	3.47%	\$ 151,044,597	-2.30%
Water	25,512,125	25,589,506	0.30%	25,734,608	0.57%
Wastewater	23,233,202	22,939,361	-1.26%	23,593,845	2.85%
Total Sales Revenues	\$ 198,155,027	\$ 203,128,825	2.51%	\$ 200,373,050	-1.36%

The schedule below summarizes total revenues by general category:

	Approved Budget FY 2019	Percent of Total	Approved Budget FY 2018	Percent of Total
Sales & Service To Customers	\$ 200,373,050	89.77%	\$ 198,155,027	90.19%
Off-System Sales Revenue	8,250,000	3.70%	7,500,000	3.41%
Interest From Investments	2,100,000	0.94%	1,500,000	0.68%
Other Operating & Non-Operating Revenues	12,473,848	5.59%	12,563,656	5.72%
Total Revenues	\$ 223,196,898	100.00%	\$ 219,718,683	100.00%

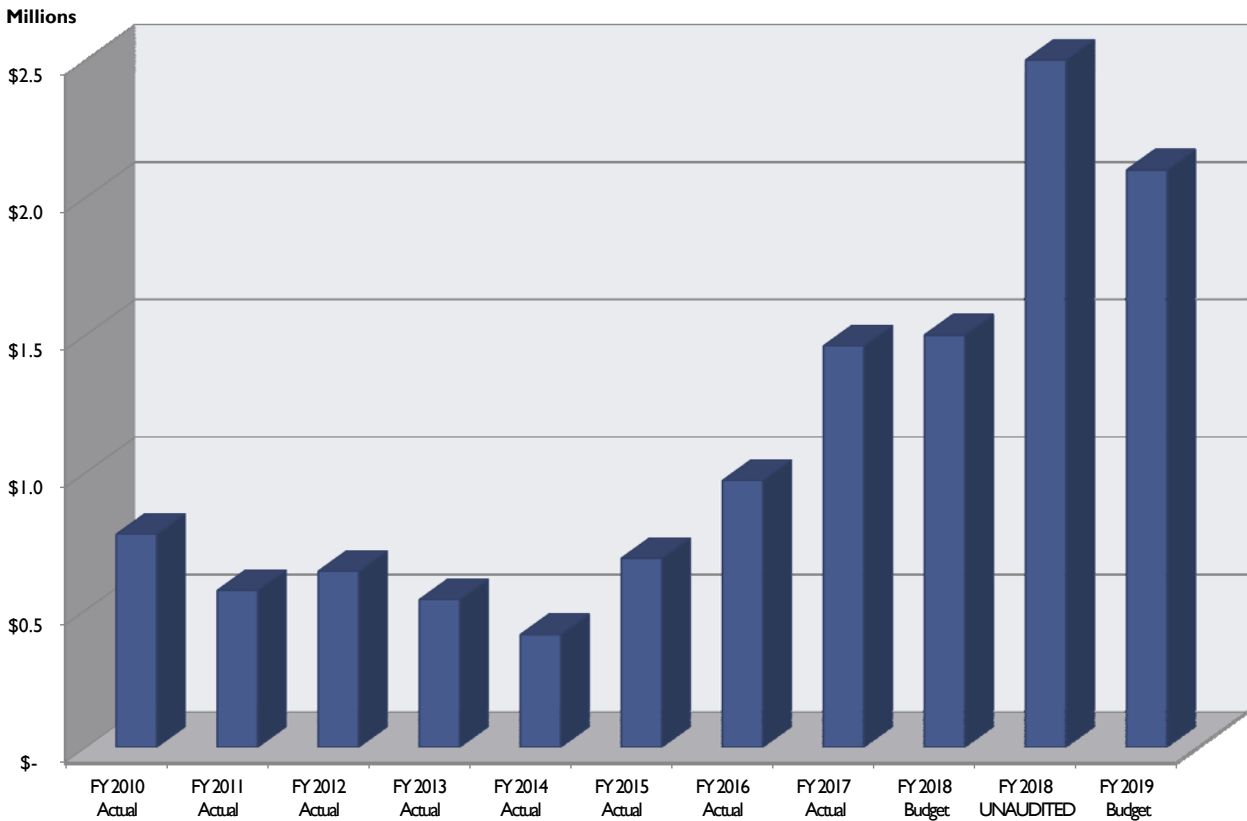
Projected electric unit sales in kilowatt hours are expected to decrease in FY 2019 from FY 2018 unaudited Year-end by 0.41%. Comparing the approved FY 2019 vs approved FY 2018 sales revenue budget, electric base and fuel revenues are expected to increase by 1.1%.

FY 2018 unaudited year-end water revenues were 0.30% higher than FY 2018 approved budget projections. Compared to budgeted water revenues for FY 2018, water revenues for FY 2019 are expected to increase by 0.9%. Wastewater revenues will increase by 1.6% for FY 2019 approved budget compared to FY 2018 approved 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 decrease in FY 2019 vs actual unaudited FY 2018 and increase vs budgeted FY 2018.

**Investment Income
(Dollars in Millions)**



Revenues are discussed in additional detail on pages 66 through 76.

RATES

The budget presented in this document has been prepared utilizing rate increases approved by the City Commission on December 17, 2012. The Board recommended and the City Commission approved a five-year rate plan. This budget reflects the implementation of all five year rate increases with the final increases going into effect on October 1, 2016.

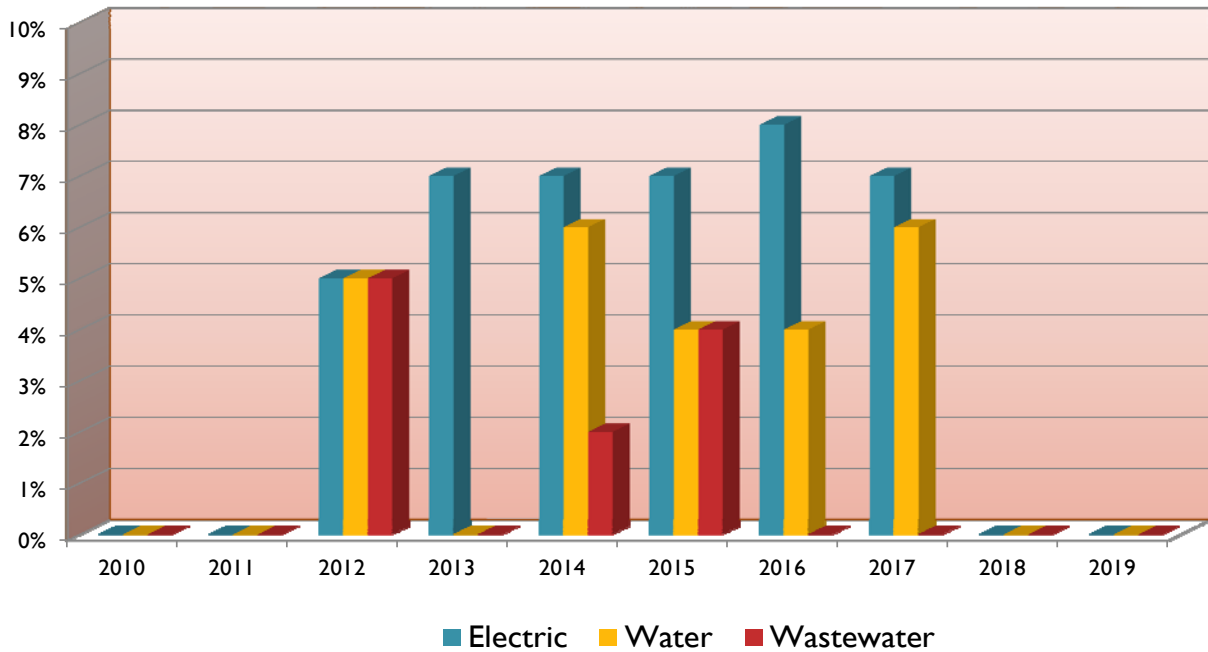
While affordability is always a concern, the rate increases implemented in previous years will allow the Brownsville PUB to continue investing in core service areas including energy reliability, water quality and wastewater treatment services.

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.

Historical Rate Increases Over 10 Years



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

FY	Electric	Water	Wastewater
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%	-	-
2012	5.0%	5.0%	5.0%
2011	-	-	-
2010	-	-	-

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 2016	September 2017	September 2018
Electric	1,000 kWh	\$ 102.00	\$ 102.00	\$ 102.00
Water	10,000 gallons	\$ 31.96	\$ 33.84	\$ 33.84
Wastewater	8,000 gallons	\$ 35.25	\$ 35.25	\$ 35.25

OPERATIONS & MAINTENANCE EXPENSE BUDGET

PERSONNEL

The FY 2019 Personnel Budget includes thirty four reclassified positions compared to the Original FY 2018 Budget. The reclassifications did not increase or decrease the total position count as approved in the FY 2018 Budget.

The following is a summary of FY 2018 changes:

POSITIONS APPROVED FOR FY 2018 BUDGET 604

FY 2018 Deletions:

<u>Department</u>	<u>Department #</u>	
Elec Trans & Dist Maintenance	2140	-22
Electric Engineering	2410	-1
South Wastewater Treatment Plant	3210	-2
Robindale Wastewater Treatment Plant	3220	-6
Meter Services	6130	-1
Cashiers	6160	-1
Information Technology	7130	-1
Subtotal		-34

FY 2018 Additions:

<u>Department</u>	<u>Department #</u>	
Elec T&D Construction & Maintenance	2130	22
SCADA & Electrical Support Services	2210	1
W/WW Sludge Management	3225	8
Accounting	5120	1
Customer Service	6110	1
Billing	6120	1
Subtotal		34

POSITIONS APPROVED FOR FY 2018 BUDGET **604**
 ADDITIONAL POSITIONS APPROVED **0**

POSITIONS APPROVED FOR FY 2019 BUDGET **604**

The number of temporary full-time employees for FY 2019 is currently at 10 as illustrated on a separate schedule on page 18.

The approved Personnel Budget for FY 2018 totaled \$40,173,256, a decrease of \$977,774 as compared to actual Personnel Budget expenses for FY 2017.

The approved Personnel Budget for FY 2019 totals \$41,561,239, an increase of \$1,387,983 or 3.45% from the Approved FY 2018 Personnel Budget.

NUMBER OF FULL-TIME POSITIONS

DEPARTMENT	FINAL FY 2015	FINAL FY 2016	FINAL FY 2017	FINAL FY 2018	APPROVED FY 2019
1110 GENERAL MANAGER	4	3	3	3	3
1120 INTERNAL AUDIT	3	3	3	3	3
1125 KEY ACCOUNT MARKETING	6	5	5	4	4
1130 COMMUNICATIONS & ADMINISTRATIVE SVC	2	2	2	2	2
1135 COMMUNICATIONS & PUBLIC RELATIONS	4	4	4	4	4
1140 ORGANIZATIONAL DEVELOPMENT	3	3	3	3	3
1145 ELECTRICAL SYSTEMS	2	-	-	-	-
1150 BOARD OF DIRECTORS	-	-	-	-	-
1165 RECORDS MANAGEMENT	2	2	2	3	3
1410 ENVIRONMENTAL SERVICES	4	4	5	5	5
1440 HEALTH & SAFETY	6	6	6	6	6
4105 OPERATIONS	-	2	2	2	2
4310 OPERATIONAL SUPPORT SERVICES	-	2	2	2	2
5110 FINANCE	6	8	7	7	7
5120 ACCOUNTING	14	15	16	16	17
5130 PURCHASING	6	7	7	7	7
7110 ADMINISTRATIVE SERVICES	1	-	-	-	-
7120 RISK/INSURANCE MANAGEMENT	2	2	2	2	2
7130 INFORMATION TECHNOLOGY	18	17	17	18	17
7135 GIS	13	11	11	10	10
7140 HUMAN RESOURCES	9	6	2	2	2
7145 TALENT ACQUISITION AND STAFFING	-	3	3	4	4
7150 FLEET MANAGEMENT	10	10	10	10	10
7155 COMPENSATION & BENEFITS	-	-	4	4	4
7160 FACILITY MAINTENANCE	4	4	4	4	4
7170 WAREHOUSE	6	6	6	6	6
9110 COMPANY-WIDE EXPENSES	3	-	-	-	-
TOTAL ADMINISTRATIVE	128	125	126	127	127
5140 REVENUE RECOVERY	3	3	3	3	3
6105 CUSTOMER & INFORMATION SERVICES	3	3	3	3	3
6110 CUSTOMER SERVICE	11	14	14	13	14
6115 COLLECTIONS	4	4	4	4	4
6120 BILLING	7	8	7	8	9
6125 CALL CENTER	10	11	11	12	12
6130 METER SERVICES	9	9	10	10	9
6135 CIS SUPPORT	3	3	3	3	3
6150 METER READING	15	15	15	14	14
6160 CASHIERS	9	9	9	9	8
TOTAL CUSTOMER SERVICE	74	79	79	79	79

NUMBER OF FULL-TIME POSITIONS (Continued)

DEPARTMENT	FINAL FY 2015	FINAL FY 2016	FINAL FY 2017	FINAL FY 2018	APPROVED FY 2019
1145 ELECTRICAL SYSTEMS	-	3	3	3	3
1420 ENVIRONMENTAL COMPLIANCE	6	6	6	6	6
2110 ELECT TRANS & DIST SUPPORT SERVICES	1	-	-	-	-
2120 SUBSTATIONS & RELAYING	12	24	24	24	24
2130 ELEC TRANS & DIST CONSTRUCTION & MAINT.	31	28	28	28	50
2140 ELEC TRANS & DIST MAINTENANCE	31	22	22	22	-
2150 ENERGY CONTROL CENTER OPERATIONS	14	15	15	15	15
2210 SCADA & ELECTRICAL SUPPORT SERVICES	17	19	19	22	23
2220 POWER PRODUCTION	28	27	27	27	27
2310 ELECTRIC METER SHOP	8	8	8	8	8
2410 ELECTRIC ENGINEERING	14	14	14	14	13
4105 OPERATIONS	2	-	-	-	-
4110 ENERGY RISK MANAGEMENT	2	1	1	1	1
4210 NERC COMPLIANCE	3	5	5	5	5
4220 FUEL & PURCHASED ENERGY SUPPLY	1	2	2	2	2
4230 NATURAL GAS UTILITY MANAGEMENT	-	-	-	-	-
4310 OPERATIONAL SUPPORT SERVICES	1	-	-	-	-
6145 ENERGY EFFICIENCY & CONSERVATION	1	1	1	1	1
TOTAL ELECTRIC	172	175	175	178	178
1422 ANALYTICAL LAB	16	16	16	16	16
1430 PRE-TREATMENT	10	12	8	8	8
1435 CROSS CONNECTION CONTROL	-	-	3	3	3
3110 W&WW ENG, PLANNING & OPERATIONS	2	2	2	2	2
3120 WATER PLANT I	9	10	10	10	10
3130 WATER PLANT II	9	8	8	8	8
3135 RESACA MAINTENANCE	19	17	17	9	9
3140 RAW WATER	4	4	4	4	4
3145 W/WW PLANT MAINTENANCE	13	13	13	13	13
3150 W/WW OPERATIONS & CONSTRUCTION	68	67	67	67	67
3210 SOUTH WASTEWATER TREAT PLANT	9	10	10	10	8
3220 ROBINDALE WASTEWATER TREAT PLANT	12	11	11	17	11
3225 W/WW SLUDGE MANAGEMENT	-	-	-	-	8
3230 WASTEWATER LIFT STATIONS	35	35	35	34	34
3310 WATER & WASTEWATER ENGINEERING	21	16	16	16	16
4310 OPERATIONAL SUPPORT SERVICES	1	2	2	2	2
9110 COMPANY-WIDE EXPENSES	-	-	2	1	1
TOTAL WATER AND WASTEWATER	228	223	224	220	220
OVERALL TOTAL NO. OF POSITIONS	602	602	604	604	604

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NUMBER OF TEMPORARY FULL-TIME POSITIONS

DEPARTMENT	FINAL FY 2015	FINAL FY 2016	FINAL FY 2017	FINAL FY 2018	APPROVED FY 2019
1110 GENERAL MANAGER	1	-	-	-	-
1135 COMMUNICATIONS & PUBLIC RELATIONS	-	-	-	1	-
1165 RECORDS MANAGEMENT	-	1	1	-	1
1440 HEALTH & SAFETY	1	-	-	1	-
5120 ACCOUNTING	-	1	1	-	-
7120 RISK/INSURANCE MANAGEMENT	-	1	1	-	-
7130 INFORMATION TECHNOLOGY	-	-	-	-	1
7135 GIS	1	-	-	-	-
7140 HUMAN RESOURCES	2	-	-	-	-
7145 TALENT ACQUISITION AND STAFFING	-	-	-	1	1
TOTAL ADMINISTRATIVE	5	3	3	3	3
6110 CUSTOMER SERVICE	4	-	-	-	-
6115 COLLECTIONS	-	-	-	1	1
6120 BILLING	1	-	-	-	-
6150 METER READING	-	3	3	1	1
6160 CASHIERS	-	1	1	-	-
TOTAL CUSTOMER SERVICE	5	4	4	2	2
2130 ELEC TRANS & DIST CONSTRUCTION & MAINTENANCE	-	4	4	-	2
2220 POWER PLANT	-	-	-	1	-
2410 ELECTRIC ENGINEERING	-	-	-	-	1
4210 NERC COMPLIANCE	-	-	-	-	1
TOTAL ELECTRIC	-	4	4	1	4
1430 PRE-TREATMENT	1	-	-	-	1
3135 RESACA MAINTENANCE	-	1	1	1	-
TOTAL WATER AND WASTEWATER	1	1	1	1	1
OVERALL TOTAL NO. OF TEMPORARY POSITIONS	11	12	12	7	10

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.

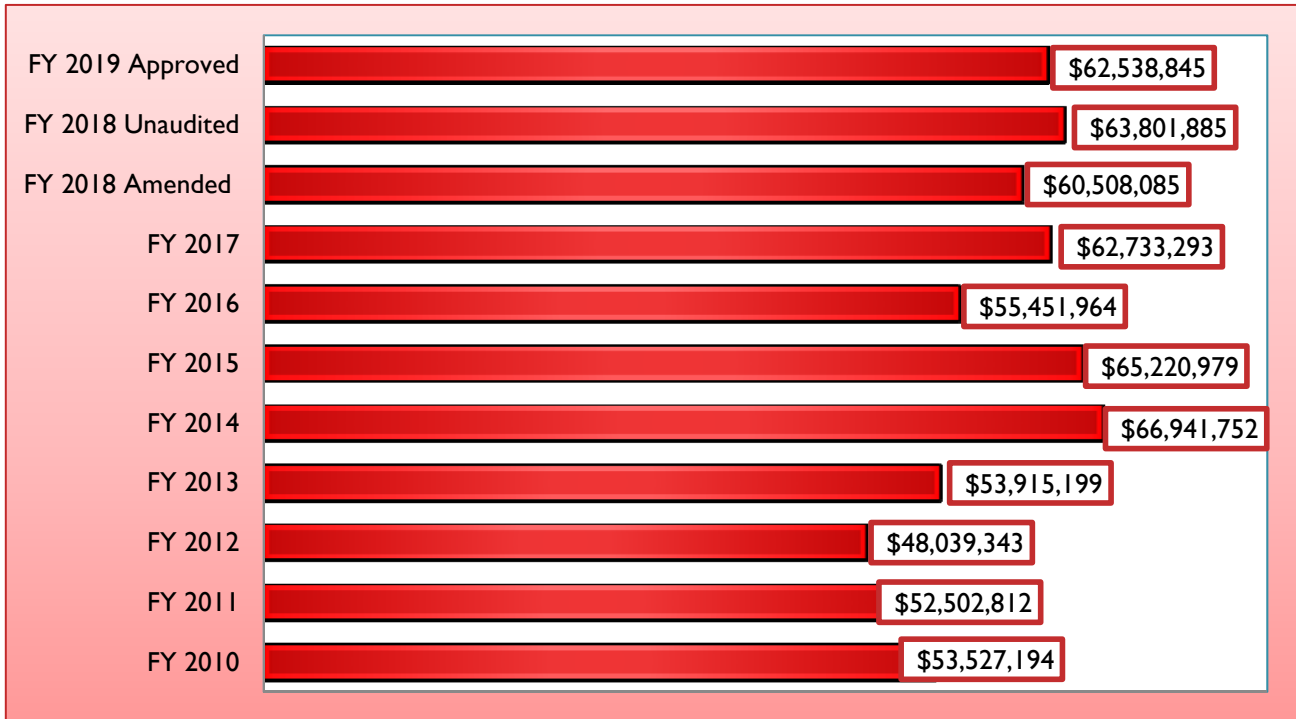
OPERATIONS & MAINTENANCE EXPENSES

The total O&M Budget for FY 2019 is \$155,741,306, an increase of \$4,337,035 or 2.86% from the amended FY 2018 Budget.

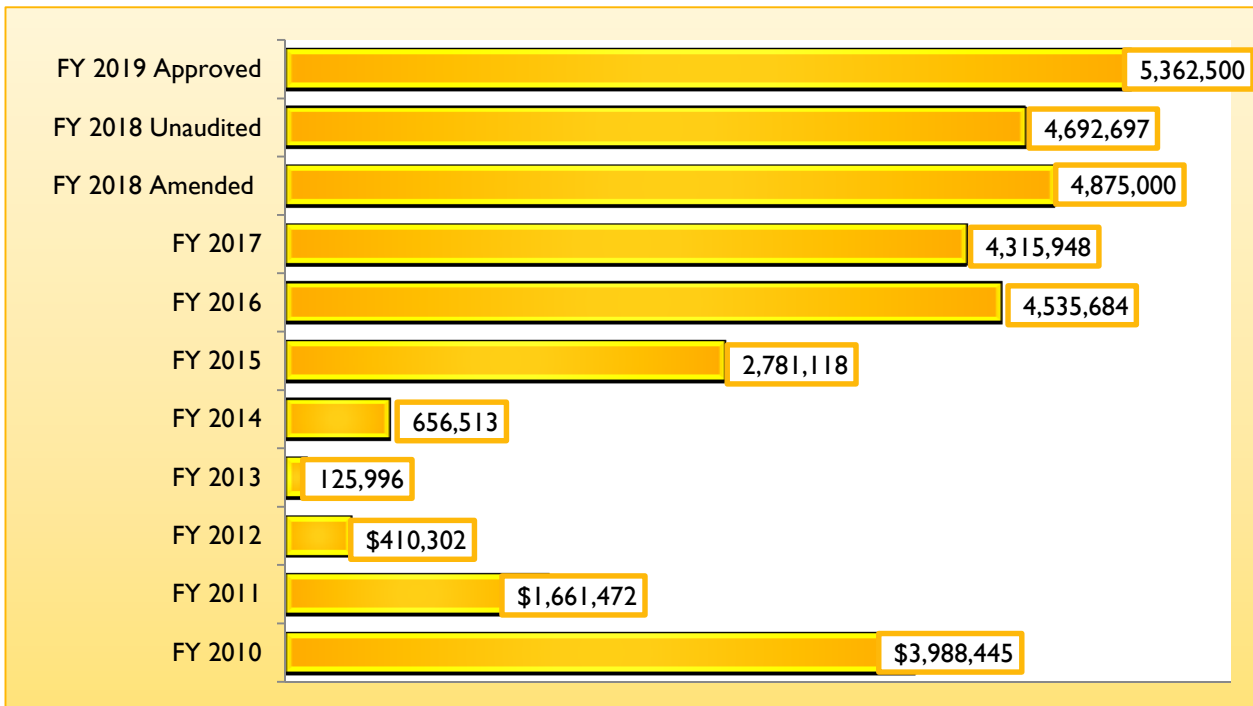
The following table summarizes O&M expenses by major classifications:

Expense Classification	Amended Budget FY 2018	Unaudited FY 2018	Percent Used: Unaudited '18 vs Amended Budget '18	Approved Budget FY 2019	Percent Budget Variance: Approved '19 vs Unaudited '18
Fuel & Energy Costs	\$ 60,508,085	\$ 63,801,885	105.44%	\$ 62,538,845	-1.98%
Off-system Sales Expenses	4,875,000	4,692,697	96.26%	5,362,500	14.27%
SRWA Obligations	5,934,637	5,934,637	100.00%	5,953,229	0.31%
Personnel Services	40,173,257	40,710,705	101.34%	41,561,239	2.09%
Non-personnel Expenses	39,413,292	31,669,238	80.35%	39,825,493	25.75%
Maintenance Pool Account	500,000	146,901	29.38%	500,000	240.37%
Overall Total:	\$ 151,404,271	\$ 146,956,063	97.06%	\$ 155,741,306	5.98%

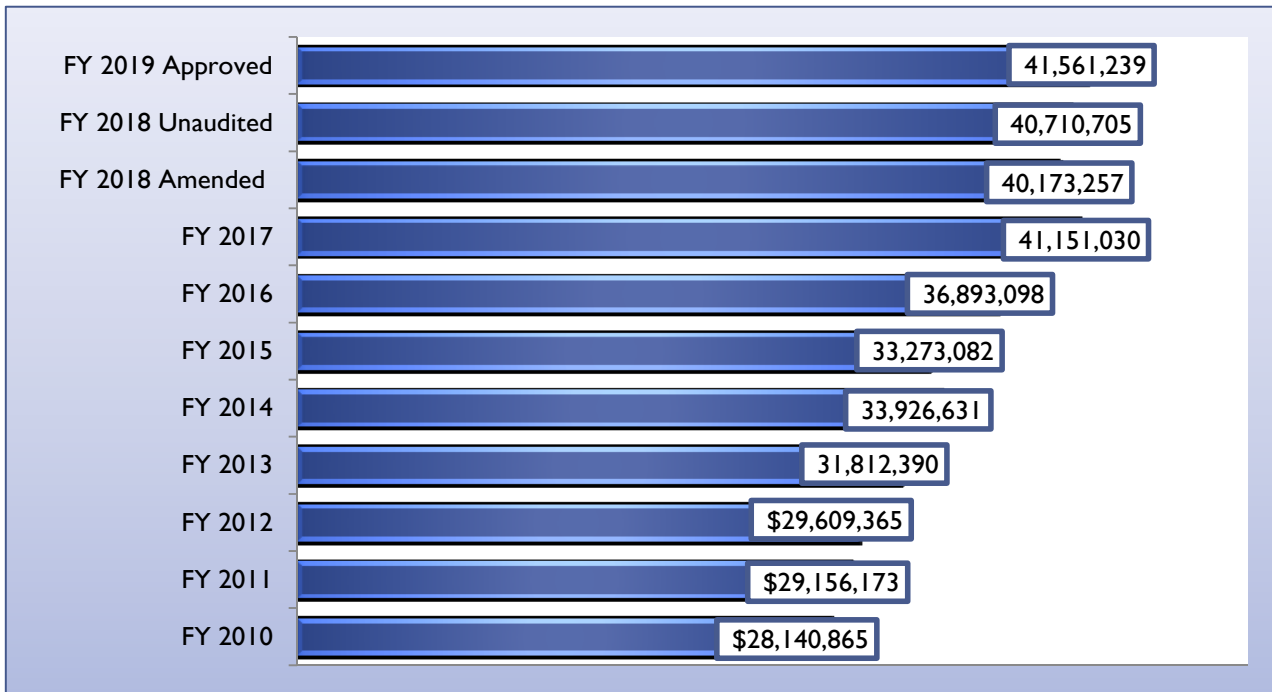
The following chart illustrates the cost of fuel and purchased energy to meet electric demand over the last several years. In FY 2010, Brownsville PUB had a total cost of \$53.53 million. The Approved FY 2019 Fuel & Energy Cost Budget is \$62.54 million. The 10-year history reflects an average increase of 1.68% per fiscal year.



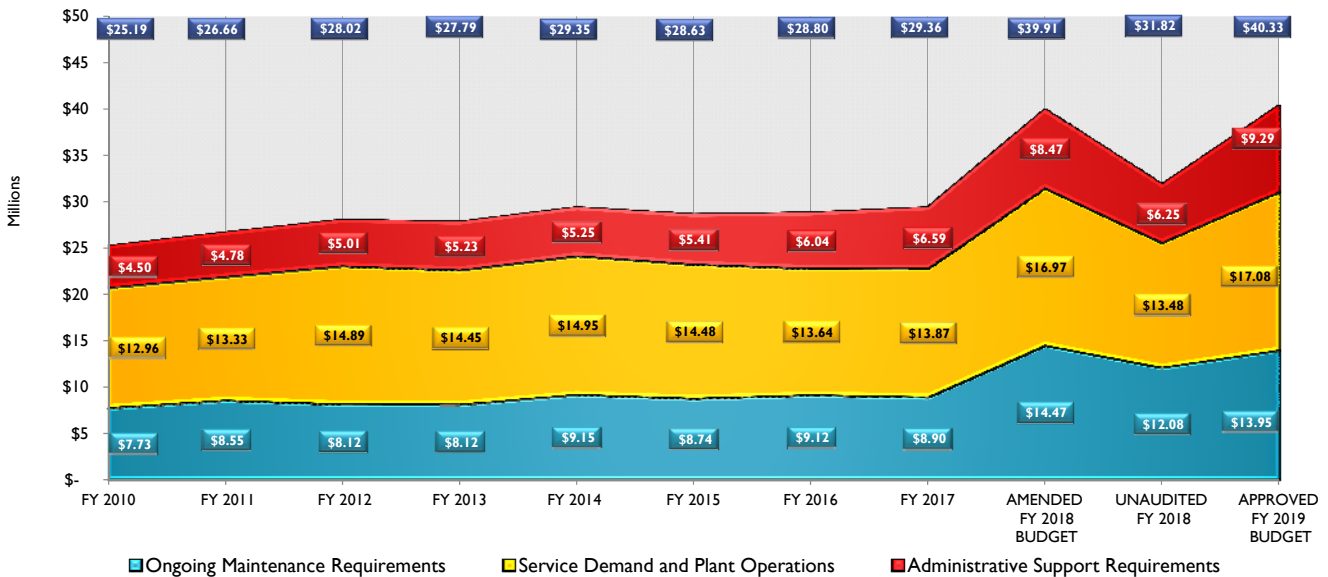
The following chart illustrates how the cost of off-system sales has fluctuated over the last ten years. In FY 2010, Brownsville PUB had a total cost of \$3.99 million. The Approved FY 2019 Off-System Sales Expenses Budget is \$5.36 million. The 10-year history represents an average increase of 3.45% per fiscal year.



The following chart illustrates how the cost of personnel services has increased over the last several years. In FY 2010, Brownsville PUB had a total O&M personnel cost of \$28.14 million. The Approved FY 2019 O&M Personnel Budget is estimated at \$41.56 million. The \$1.27 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 4.77% 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.



Note: Service Demand and Plant Operations data for FY 2012, 2013, 2014 and 2015 has been restated.

DEBT SERVICE

A summary of each system's cost of borrowed money is on page 63, 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, 2018 and 2017 were \$278,350,000 and \$294,105,000 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 3.21 and 3.18 times at September 30, 2018 and 2017, respectively.

On January 15, 2003, the Brownsville PUB sold \$76,400,000 variable rate demand bonds as Series 2002A Utility System Subordinate Lien Revenue and Series 2002B Utility System Subordinate Lien Revenue. The bonds' variable rate was synthetically fixed at 2.576% until 2008 utilizing a swap financing strategy. The City Commission of the City of Brownsville, Texas, authorized the execution of a Rate Cap Agreement effective September 1, 2006, through September 1, 2011, to give an insurance against increasing short term rates. The Brownsville PUB executed an agreement with an eligible provider for a notional amount of \$41,880,000 with an interest rate cap of 4.50%. The notional amount of the original swap decreased to \$10,830,000 effective September 1, 2006. Proceeds from the sale of the bonds were used to retire currently outstanding revenue bonds, to build, improve, extend, enlarge, and repair the system, and to pay costs of issuance of the bonds. 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.

On December 1, 2006, the Brownsville PUB issued \$601,000 City of Brownsville, Texas Utilities System Junior Lien Revenue Bonds, Series 2007, for the purpose of building, improving, extending, enlarging, and repairing the City's utilities system and to pay costs of issuance of the bonds.

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 February 28, 2011, the Brownsville PUB issued \$12,305,000 in Utilities System Revenue Refunding Bonds, Series 2011. The refunding bonds provided proceeds to refund \$6,270,000 of Junior Lien Exchange Revenue Refunding Bonds, Series 2005A, and \$5,980,000 of Junior Lien Exchange Revenue Refunding Bonds, Series 2005B.

On September 26, 2012, the Brownsville PUB issued \$20,960,000 in Utilities System Revenue Refunding Bonds, Series 2012. The refunding bonds plus a cash contribution of \$5,275,000 provided proceeds to defease \$24,450,000 in outstanding Commercial Paper Notes.

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.

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 are "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 Brownsville PUB is obligated to contribute its percentage allocation of the SRWA's debt service obligations and annual system budget. The Brownsville PUB's total 2018 and 2017 contributions to the SRWA were \$5,934,637 and \$5,878,725 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.

The SRWA issued \$9,950,000 in aggregate principal amount of Water Supply Contract Revenue Refunding Bonds, Series 2006. The refunding bonds provided proceeds to defease \$9,360,000 of the Series 2002 Revenue Bonds for the years 2019 and from 2028 through 2032.

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 2019 through 2032.

SUMMARY OF DEBT SERVICE REQUIREMENTS

	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	UNAUDITED ACTUAL FY 2018	BUDGET FY 2019
Principal	\$ 12,066,000	\$ 12,173,000	\$ 12,914,000	\$ 13,425,000	\$ 13,870,000
Interest	13,508,948	13,765,858	12,863,808	12,370,275	11,978,890
Total	<u>\$ 25,574,948</u>	<u>\$ 25,938,858</u>	<u>\$ 25,777,808</u>	<u>\$ 25,795,275</u>	<u>\$ 25,848,890</u>

Commercial Paper for FY 2019 will incur \$472,500 of interest expense.

DEBT SERVICE COVERAGE RATIO

The Debt Service Coverage Ratio is estimated at 3.21 times for Year-end FY 2018, compared to 2.56 in the Amended FY 2018 Budget and 2.57 times budgeted for FY 2019. The Brownsville PUB’s minimum coverage is 1.25 times per current bond covenants.

CAPITAL BUDGET

The Board adopted the FY 2019 Capital Budget on September 10, 2018.

The FY 2019 Capital Budget totals \$73,775,546 which is \$12,507,850 more than the Brownsville PUB approved FY 2018 Budget of \$61,267,696. The BPUB’s five-year capital needs decreased from \$251.81 million for FY 2018 to \$202.05 million for FY 2019 for a total decrease of \$49.76 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 212. 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 2019 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 2019, 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 2019 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.

Several large projects that will impact the FY 2019 Capital Budget for the electric system include construction of a new 138KV substation at the Silas Ray Plant site, an airport substation upgrade to 138KV and the design and construction of a new service yard that will replace, consolidate and relocate thirteen existing facilities and the operations service center. This new service yard will provide a state of the art facility which will enhance employee performance and improve systems efficiency. The project associated with the purchase of a 25% share of a proposed 800-MW natural gas-fueled Tenaska Brownsville Generating Station has been delayed due to current ERCOT market conditions.

For the water system, the major projects include the replacement of the one million gallon Southmost Elevated Storage Tank with a new two million gallon elevated water storage tank. The extension of the 16-inch waterline loop from Lago Vista to West Alton Gloor Boulevard will serve the northwest section of the water distribution system to meet future demand.

Brownsville PUB has studied the viability of the proposed Seawater Desalination Plant. If the proposed Seawater Desalination Plant is viable and financially feasible with the assistance of long-term debt and/or grants, the Seawater Desalination Plant will alleviate the long-term water needs of the City of Brownsville, Texas, and the surrounding areas in Cameron County, Texas.

Major wastewater collection system improvements underway include the continuation of a Vapor Phase Odor Control project at 7 lift stations throughout Brownsville. Brownsville PUB has been transitioning out of the costly liquid phase pH odor control technology in use since 1999 into a more cost effective vapor phase technology. The wastewater system capital plan also includes numerous rehabilitations and replacements for lift stations located throughout the system.

Work also continues on the installation of yard-line connections for first time wastewater collection service to approximately 600 homes in the FM 511-802 Colonias Southeast of Brownsville. The associated discharge will go to Brownsville PUB's South Wastewater Treatment Plant through an extension of the existing conventional collection system. Brownsville PUB authorized 3 construction contracts for the installation of the extended collections system for a total amount of \$25,369,744 of which \$24.5 million was funded through the Texas Water Development Board's (TWDB) Economically Distressed Areas Program (EDAP). The installation of the yard-line connections, funded by the North American Development Bank for an amount of \$3.7 million, will cover approximately 75% of the potential homes to be connected. Brownsville PUB has also been awarded a grant of \$1 million from the Texas Department of Agriculture, through Cameron County, for the other 25% of the potential homes to be connected in the Southeast area of Brownsville.

A recap of all the sources of funding for the Capital Budget can be found on page 212.

The Brownsville PUB will use a combination of internally generated cash, state loans and grants, contributions-in-aid-of-construction, impact fees, and short term debt obligations to fund the Capital Budget during FY 2019.

Capital projects are discussed in additional detail on pages 218 through 333.

The following table illustrates major expenditures that account for 68.61% of the total approved FY 2019 Capital Budget.

**HIGHLIGHTS OF THE
APPROVED FISCAL YEAR 2019
CAPITAL IMPROVEMENT PLAN (CIP)**

UTILITY	PROJECT DESCRIPTION	FY2019 APPROVED BUDGET
ELECTRIC		
	Rio Grande Distribution Substation Upgrade, 69KV to 138 KV	\$ 2,813,008
	Airport Substation, Transformer No. 1 Upgrade, 69 KV to 138 KV	1,500,000
	Electric Utility Improvements for Airport Passenger Terminal Expansion Project	1,100,000
	Trouble Calls & Service Increases	1,088,233
	New Subdivisions	860,741
	New Connections	803,184
	Electrical SCADA Replacement of System Software and Hardware	719,580
	SCADA (Substations Communications)	702,030
	UTILITY TOTAL:	\$ 9,586,776
WATER		
	EST No. 8 - 2 Million Gallon Elevated Storage Tank to Replace the Southmost Tank	\$ 3,897,064
	16-inch Waterline Loop from Lago Vista to W. Alton Gloor Blvd.	1,189,472
	Pumping and Treatment Apparatus Equipment	1,000,000
	Water New Connections	644,865
	Waterline Upgrade Near WTP#1	500,000
	UTILITY TOTAL:	\$ 7,231,401
WASTEWATER		
	Vapor Phase Odor Control Design, Bidding and Construction Services (7 lift stations)	\$ 2,915,297
	BECC/NADBANK Home Connections in FM511/802 Colonias Project Area	1,221,901
	Lift Station Rehabilitations	1,000,000
	Pumping and Treatment Apparatus Equipment	1,000,000
	North Regional Lift Stations and Force Main System - Phase 1	600,000
	UTILITY TOTAL:	\$ 6,737,198
GENERAL		
	Construction of a new Service Center (FM 511)	\$ 16,864,000
	Architect/engineering design services for a new Service Yard (FM 511) Facilities Relocation Project	4,233,923
	Architect/engineering design services for an Annex Administration Building and remodeling of the existing Administration Building	3,000,000
	New Service Center (FM 511) - furniture, fixtures and other equipment	2,000,000
	UTILITY TOTAL:	\$ 26,097,923
VEHICLES AND OTHER EQUIPMENT		
	All Vehicles	\$ 524,665
	Other Equipment & Computers	436,932
	TOTAL:	\$ 961,597
	GRAND TOTAL:	\$ 50,614,895
		\$ 73,775,546 *
		68.61%

* Includes \$23.2 million in numerous additional projects.

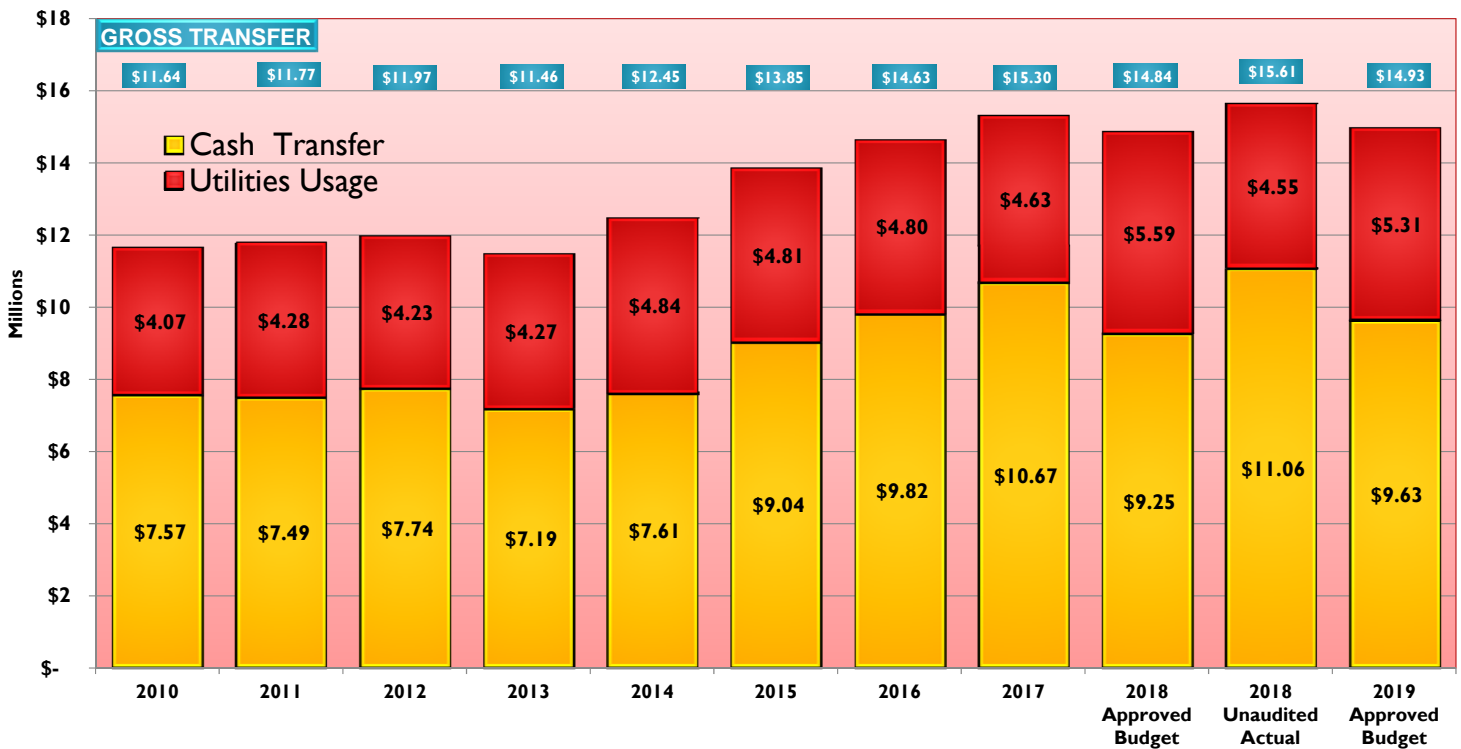
TRANSFER TO THE CITY OF BROWNSVILLE

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 2018 estimated year-end gross transfer is set at \$15,613,573, up \$773,477 from the FY 2018 Approved budget, with a net cash transfer of \$11,064,850. The FY 2019 approved budget gross transfer is \$14,934,233.

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, 2017. 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

This year, the budget review was a very extensive process. The entire Brownsville PUB staff is to be commended for the patience and cooperation exhibited during the continued refinement of the budget process. 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. Several work sessions were held 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, P.E.
General Manager & Chief Executive Officer

Leandro G. García, CPA
Chief Financial Officer



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

Brownsville Public Utilities Board

Texas

For the Fiscal Year Beginning

October 1, 2017

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 2018-19 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 34.

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* (Section 100.177):

- 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 8.6.4 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. The system automatically denies a requisition if funds are unavailable for procurement. At no point does the system allow an account to incur a deficit budget balance. A system override of this control can be initiated only with a written approval from the CFO.
- **Budget Changes** - Management has the option of re-allocating budgeted funds within a department, within a division or among other divisions as long as the funds are allocated within a type/function. 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 2019

LINE REF.	DATE	TASK	ACTION RESPONSIBILITY	
1	May 14 - 18, 2018	Week of	Establish BPUB Budget Teams (Vehicle/Heavy & Support Equipment and Computers, Furniture & Other Equipment)	Financial Planning Team
2	May 23, 2018	Wednesday	BUDGET KICKOFF - Distribution of FY 2019 Budget Instructions, Forms for Equipment Requests and Projects, and Performance Measures	Financial Planning Team
3	May 23, 2018	Wednesday	Open Budget Program for User Data Entry	Financial Planning Team
4	June 11, 2018	Monday	Distribute Budget Process Timetable to the Board	CFO
5	June 13, 2018	Wednesday	Close Budget Program data entry access	Financial Planning Team
6	June 15, 2018	Friday	Equipment Request Forms & Project Request Forms due	All Departments
7	June 15, 2018	Friday	Department Performance Measures due	All Departments
8	June 27, 2018	Wednesday	Finance Committee Meeting to Discuss Budget Strategy & Goals	CFO
9	July 2, 2018	Monday	Send Equipment Requests to respective BPUB Budget Teams (Vehicle/Heavy & Support Equipment and Computer, Furniture & Other Equipment) for recommendations	Financial Planning Team
10	July 20, 2018	Friday	Budget Teams (Vehicle/Heavy & Support Equipment and Computer, Furniture & Other Equipment) recommendations due	Teams
11	July 27, 2018	Friday	First DRAFT of O&M budget complete	Financial Planning Team
12	July 27, 2018	Friday	Distribute first DRAFT of budget and meet with Executive Team	CFO
13	July 30 - Aug 3, 2018	Week of	Directors and Managers balance CIP budgets, Finance Department balances O&M budget.	All Directors & Managers
14	Aug 06 - 10, 2018	Week of	Submit revised budget to Executive Team	Financial Planning Team
15	Aug 06 - 10, 2018	Week of	Finance Committee Meeting to discuss FY 2018 Preliminary Budget	CFO
16	August 22, 2018	Wednesday	Finance Committee Meeting to discuss FY 2018 Preliminary Budget	CFO
17	Aug 27 - 31, 2018	Week of	Individual Board Member Budget Briefings upon request	CFO
18	September 10, 2018	Monday	Presentation of Draft Fiscal Year 2018 Budget to the Board in a workshop (if needed)	CFO
19	September 10, 2018	Monday	Present Fiscal Year 2018 Budget to the Board for consideration and approval	CFO

NOTES

1. The Southmost Regional Water Authority (SRWA) Budget was approved on 8/6/18.

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 that the City Commission appoints six of the seven-member governing board and the Mayor of the City serves 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 Trustees. The investment policy was approved by the Board of Trustees on October 8, 2018 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 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 capital spending improvement charges, rate increases 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.

The term of any commercial paper notes shall not exceed 270 days. Authorized commercial paper program shall not exceed 20% of outstanding long term fixed rate revenue bond. Commercial paper notes shall only be defeased with refunding bonds when the amount to be refunded reaches a minimum of \$15 million.

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 2.57 for FY 2019, compared to 3.21 unaudited actual for FY 2018, and 2.56 in the Amended FY 2018 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, 2018 and 2017 totaled \$11,064,850 and \$10,666,207, respectively, of which \$3,250,634 and \$3,104,706, respectively, was payable at September 30, 2018 and 2017.

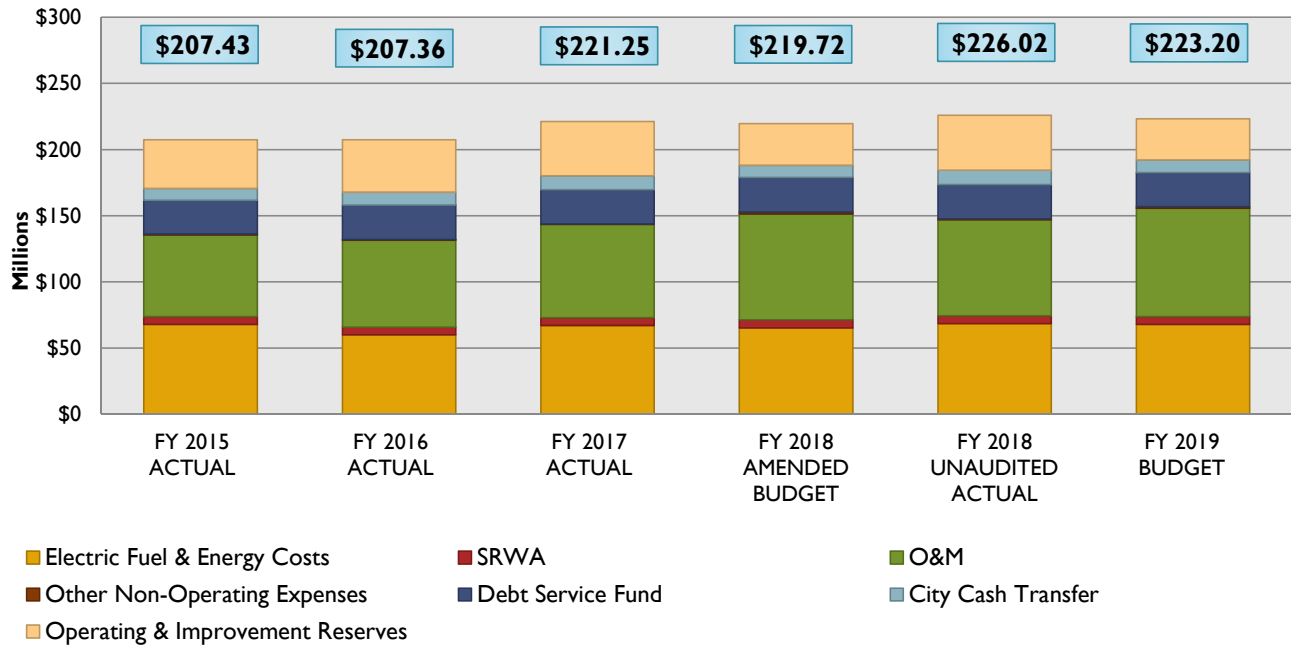
Following is the computation for distribution to the City of Brownsville for FY 2019:

Gross Revenue	\$ 223,196,898
Less:	
Fuel & Energy Costs	62,538,845
Off-system Sales Expenses	5,362,500
Southmost Regional Water Authority (SRWA)	5,953,229
Adjusted Gross Revenues	<u>\$ 149,342,324</u>
Budgeted COB Transfer at 10% of Adjusted Gross Revenues	\$ 14,934,233
Less:	
COB Usage	(5,307,626)
Net Cash Transfer to COB	<u>\$ 9,626,607</u>

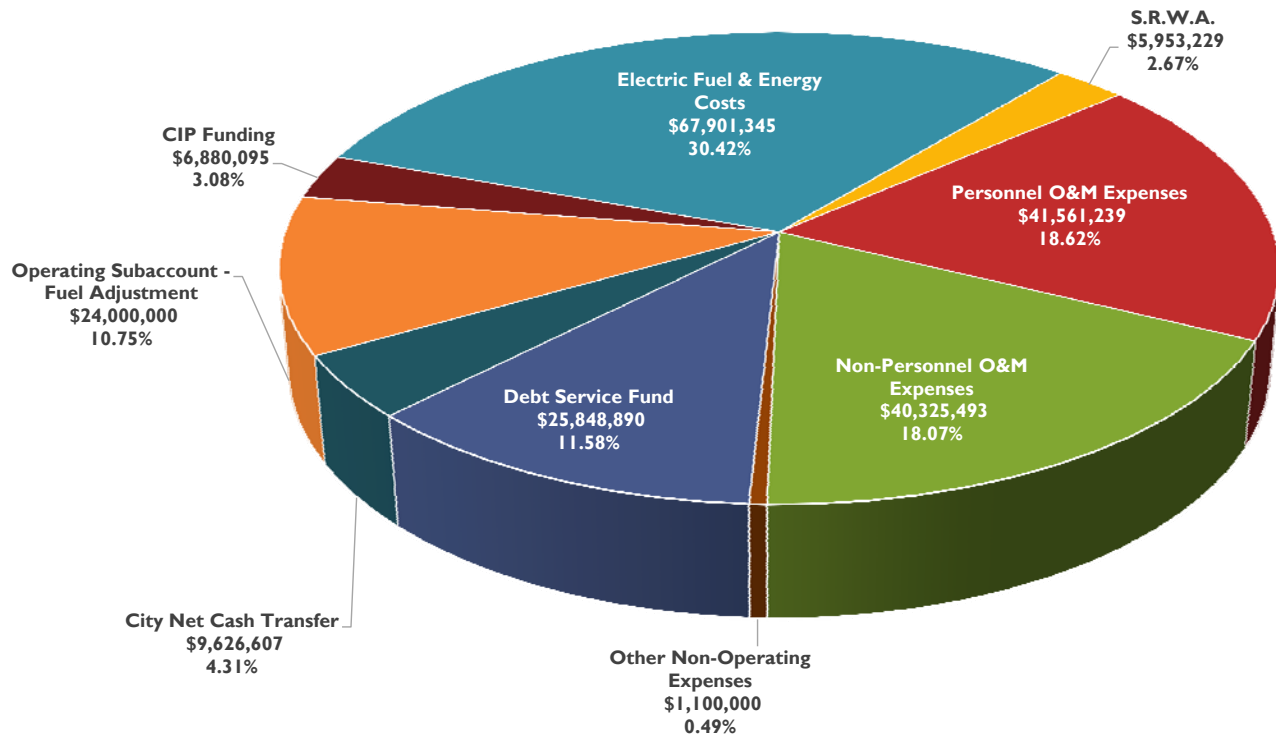
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BUDGET RECAP

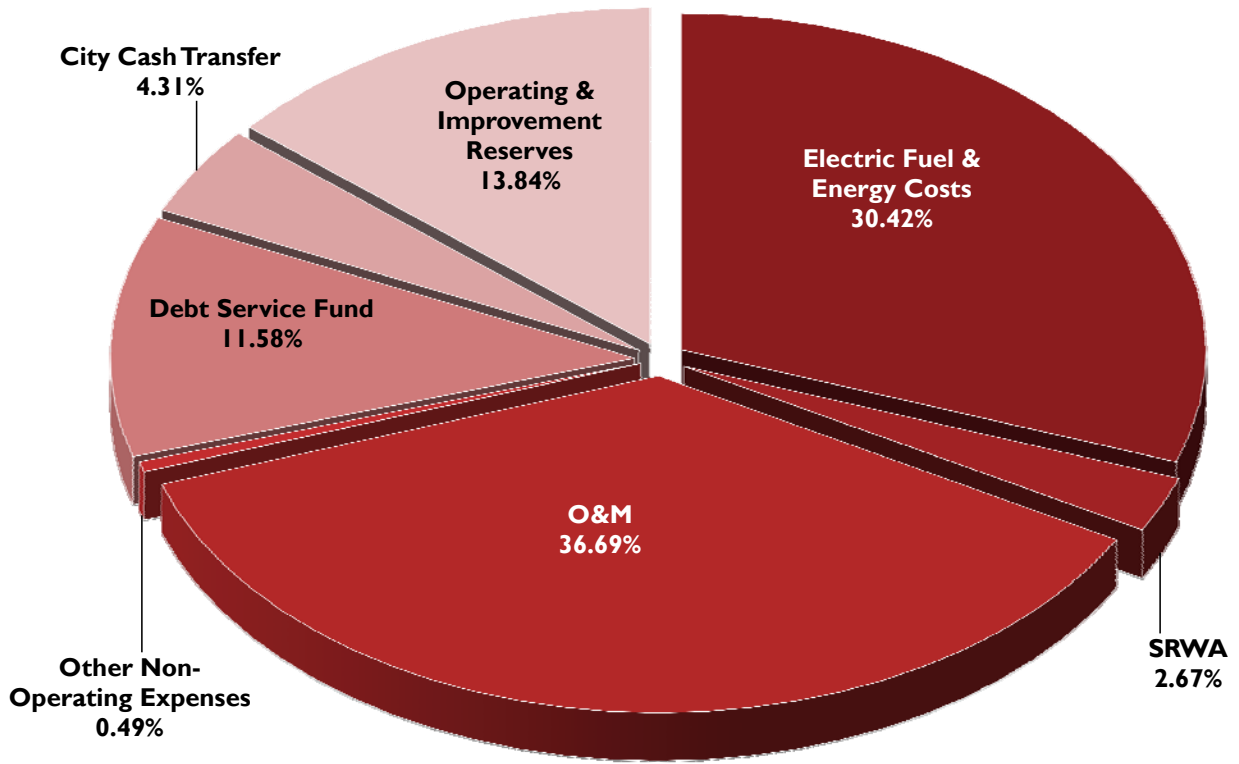
TOTAL COMBINED UTILITY REQUIREMENTS



FY 2019 USES OF FUNDS (\$223,196,898)



FY 2019 REQUIREMENTS AS A PERCENT OF TOTAL BUDGET

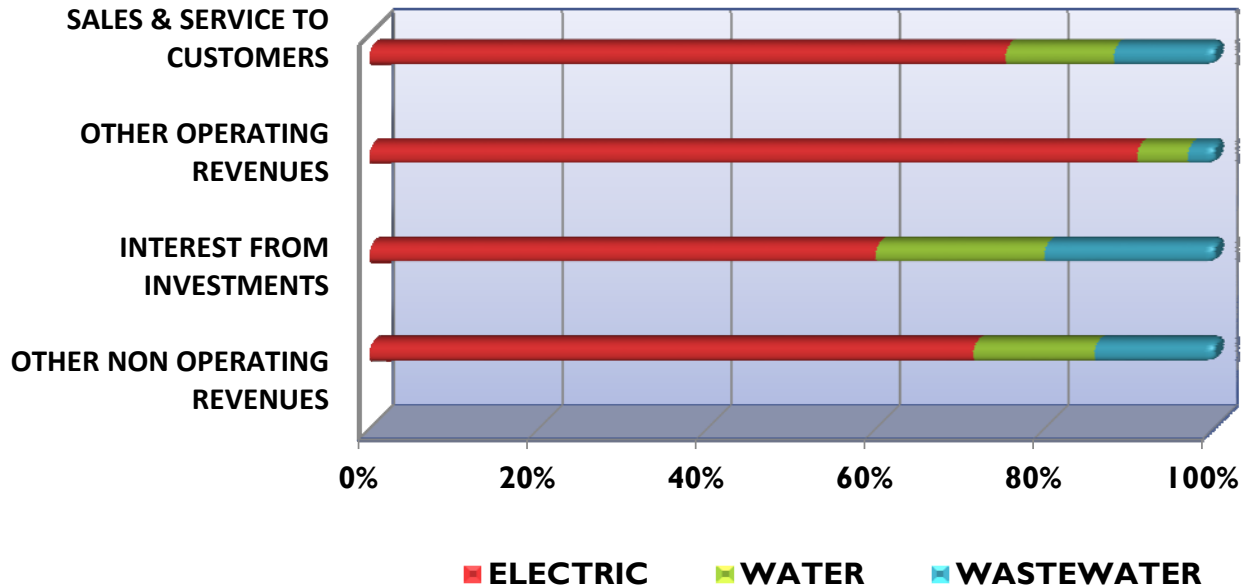


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BUDGET RECAP FY 2019 REVENUES

	SALES & SERVICE TO CUSTOMERS	OTHER OPERATING REVENUES	INTEREST FROM INVESTMENTS	OTHER NON- OPERATING REVENUES	TOTAL
ELECTRIC	\$ 151,044,597	\$ 17,617,712	\$ 1,260,000	\$ 979,353	\$ 170,901,662
WATER	25,734,608	1,161,270	420,000	196,498	27,512,376
WASTEWATER	23,593,845	576,360	420,000	192,655	24,782,860
TOTAL REVENUE	\$ 200,373,050	\$ 19,355,342	\$ 2,100,000	\$ 1,368,506	\$ 223,196,898

FY 2019 REVENUES UTILITY PERCENT BY REVENUE TYPE



**OPERATIONS & MAINTENANCE EXPENSE RECAP BY TYPE
FY 2009 - FY 2019**

TYPE	FY 2009	FY 2010	FY 2011	FY 2012
61 Personnel Salaries & Wages	\$ 17,226,687	\$ 18,084,903	\$ 19,028,839	\$ 19,761,782
62 Personnel Services	10,768,548	10,055,961	10,127,334	9,847,583
71 Operating Office Expenses	3,946,984	4,034,828	3,894,947	3,896,372
72 Operating Materials & Supplies	4,771,990	4,544,250	5,081,043	5,246,147
73 Operating Miscellaneous General Exp	9,120,594	9,778,898	10,582,578	11,894,623
74 Operating Transportation Expense	807,294	973,497	1,123,541	1,060,732
75 Operating Maint. of General Plant	1,346,455	3,105,675	3,234,646	2,794,117
76 Operating Consultants/Outside Svc	8,018,066	6,545,497	6,739,576	7,946,964
77 Operating Fuel & Purchase Power	62,993,313	57,515,639	54,164,284	48,449,645
78 Operating Purch/Minor Tools & Equip	798,764	773,388	811,621	799,817
Grand Total	\$ 119,798,696	\$ 115,412,536	\$ 114,788,408	\$ 111,697,781

LESS:

Fuel & Purchased Power & Off System Expenses	\$ 62,993,313	\$ 57,515,639	\$ 54,164,284	\$ 48,449,645
SRWA Obligations	4,352,653	4,566,315	4,811,178	5,616,176

Subtotal	\$ 52,452,729	\$ 53,330,582	\$ 55,812,946	\$ 57,631,960
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Less Personnel	\$ 27,995,235	\$ 28,140,864	\$ 29,156,174	\$ 29,609,365
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Non-Personnel	\$ 24,457,494	\$ 25,189,717	\$ 26,656,774	\$ 28,022,595
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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
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Less Personnel	\$ 31,812,390	\$ 33,926,631	\$ 33,273,082	\$ 36,893,641
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Non-Personnel	\$ 27,794,751	\$ 29,353,735	\$ 28,626,653	\$ 28,804,046
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TYPE	FY 2017	AMENDED FY 2018 BUDGET	UNAUDITED FY 2018	APPROVED FY 2019 BUDGET
61 Personnel Salaries & Wages	\$ 25,660,355	\$ 27,142,997	\$ 26,829,033	\$ 27,698,432
62 Personnel Services	15,490,675	13,030,259	13,881,672	13,862,807
71 Operating Office Expenses	4,691,445	5,184,998	4,567,936	5,482,267
72 Operating Materials & Supplies	4,147,717	4,733,892	4,011,465	4,460,699
73 Operating Miscellaneous General Exp	11,529,269	12,588,149	11,390,316	13,378,735
74 Operating Transportation Expense	1,067,438	1,143,348	1,214,612	1,103,798
75 Operating Maint. of General Plant	2,147,117	4,977,354	4,218,321	3,588,460
76 Operating Consultants/Outside Svc	10,433,864	15,362,803	10,995,590	16,442,152
77 Operating Fuel & Purchase Power	67,049,242	65,383,085	68,494,582	67,901,345
78 Operating Purch/Minor Tools & Equip	1,220,698	1,857,385	1,352,537	1,822,611
Grand Total	\$ 143,437,819	\$ 151,404,270	\$ 146,956,063	\$ 155,741,306

LESS:

Fuel & Purchased Power & Off System Expenses	\$ 67,049,242	\$ 65,383,085	\$ 68,494,582	\$ 67,901,345
SRWA Obligations	5,878,725	5,934,637	5,934,637	5,953,229

Subtotal	\$ 70,509,852	\$ 80,086,548	\$ 72,526,844	\$ 81,886,732
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Less Personnel	\$ 41,151,030	\$ 40,173,256	\$ 40,710,705	\$ 41,561,239
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Non-Personnel	\$ 29,358,822	\$ 39,913,292	\$ 31,816,139	\$ 40,325,493
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Note:

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

OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT & TYPE FY 2019

ORG. NO.	DEPARTMENT	TYPE DESCRIPTION				
		61 SALARIES & WAGES	62 PERSONNEL SERVICES	71 OFFICE EXPENSES	72 MATERIALS & SUPPLIES	73 MISC. GENERAL EXP.
1110	General Manager	\$ 349,474	\$ 67,625	\$ 71,750	\$ 750	\$ 1,500
1120	Internal Audit	210,704	79,119	20,657	100	800
1125	Key Account Marketing	171,459	72,481	26,290	250	14,235
1130	Communications & Administrative Svc	159,910	65,222	15,125	750	8,375
1135	Communications & Public Relations	234,603	91,127	639,400	3,700	70,500
1140	Organizational Development	195,147	68,505	18,200	500	4,200
1145	Electrical Systems	306,953	109,831	11,215	300	500
1150	Board of Directors	-	-	92,775	500	9,000
1165	Records Management	164,631	65,515	22,775	1,200	26,000
1410	Environmental Services	337,368	144,592	25,414	24,500	468,200
1420	Environmental Compliance	393,452	153,226	23,550	25,750	30,750
1422	Analytical Lab	771,875	313,919	74,766	130,400	35,087
1430	Pre-treatment	395,092	157,745	17,730	9,250	9,750
1435	Cross Connection Control	110,193	46,869	8,400	7,200	5,500
1440	Health & Safety	361,532	139,130	91,440	32,700	53,650
2120	Substations and Relaying	1,100,844	433,251	116,838	106,400	67,500
2130	Electric Trans & Dist Construction and Maintenance	1,504,817	630,093	39,300	206,750	93,800
2150	Energy Control Center Operations	1,040,045	377,639	58,731	600	7,700
2210	SCADA & Electrical Support Services	1,189,242	490,947	38,020	262,000	363,300
2220	Power Production	1,539,272	600,690	279,375	117,900	41,500
2310	Electric Meter Shop	344,202	155,637	17,666	34,100	11,600
2410	Electric Engineering	550,224	213,057	27,850	3,400	4,000
3110	W&WW Eng, Planning & Operations	140,391	57,844	21,120	-	1,500
3120	Water Plant I	425,955	186,478	238,179	845,726	8,000
3130	Water Plant II	290,658	131,785	227,095	748,660	6,900
3135	Resaca Maintenance	376,413	170,246	20,900	124,009	13,750
3140	Raw Water Supply	132,797	64,585	171,574	84,900	87,300
3145	W/WW Plant Maintenance	623,512	249,061	17,616	142,972	20,600
3150	W/WW Operations & Construction	2,189,232	943,233	65,200	657,500	64,000
3210	South Wastewater Treatment Plant	322,957	138,512	480,020	134,981	10,450
3220	Robindale Wastewater Treatment Plnt	471,443	194,619	524,146	200,730	18,125
3225	W/WW Sludge Management	309,058	142,329	5,075	36,260	17,510
3230	Wastewater Lift Stations	1,426,477	588,248	605,996	245,149	45,000
3310	Water & Wastewater Engineering	624,366	237,959	34,739	3,000	17,260
4105	Operations	311,126	106,033	28,550	400	500
4110	Energy Risk Management	88,837	27,972	10,138	400	500
4210	NERC Compliance	328,910	122,746	19,650	200	251,500
4220	Fuel & Purchased Energy Supply	130,707	53,320	8,200	-	1,250,700
4230	Natural Gas Utility Management	-	-	2,100	-	500
4310	Operational Support Services	408,315	145,428	11,681	650	3,500
5110	Finance	532,135	189,154	61,776	300	12,500
5120	Accounting	678,737	291,343	22,662	175	1,393
5130	Purchasing	338,274	142,126	46,380	1,450	4,600
5140	Revenue Recovery	136,023	60,465	4,816	10,387	4,841
6105	Customer & Information Services	196,083	77,967	12,745	-	51,200
6110	Customer Service	478,294	214,299	16,620	-	6,000
6115	Collections	146,776	67,103	4,000	500	800,600
6120	Billing	270,890	130,460	346,540	68,000	87,300
6125	Call Center	391,940	201,719	5,100	-	1,200
6130	Meter Services	399,258	168,891	9,955	16,200	17,650
6135	CIS Support	174,518	62,768	8,855	500	600
6145	Energy Efficiency & Conservation	48,651	20,471	6,900	400	518,100
6150	Meter Reading	390,496	191,163	9,340	18,000	27,100
6160	Cashiers	300,050	152,080	14,000	4,500	500
7120	Risk/Insurance Management	108,659	47,899	2,800	150	2,311,100
7130	Information Technology	1,077,311	426,473	239,700	7,000	1,400
7135	Geographic Information Systems	452,235	195,641	17,803	2,000	179,000
7140	Human Resources	174,258	137,630	22,974	500	63,100
7145	Talent Acquisition & Staffing	204,829	93,794	40,540	500	700
7150	Fleet Management	387,632	154,728	41,500	51,500	41,800
7155	Compensation & Benefits	236,832	152,869	33,465	500	9,600
7160	Facility Maintenance	136,756	66,518	284,550	78,000	1,080
7170	Warehouse	194,992	99,882	-	5,350	2,600
9110	Company-wide Expenses	210,613	2,480,746	-	250	6,089,729
	Grand Total	\$ 27,698,432	\$ 13,862,807	\$ 5,482,267	\$ 4,460,699	\$ 13,378,735
	LESS:					
	Fuel & Purchase Power	\$ -	\$ -	\$ -	\$ -	\$ -
	SRWA Obligations	-	-	-	-	5,953,229
	TOTAL OPERATIONS & MAINTENANCE	\$ 27,698,432	\$ 13,862,807	\$ 5,482,267	\$ 4,460,699	\$ 7,425,506

**OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT & TYPE
FY 2019**

TYPE DESCRIPTION					
74	75	76	77	78	
TRANSP. EXP.	MAINT. OF GENERAL PLANT	CONSULTANTS/ OUTSIDE SVC.	FUEL & PURCH. POWER	PURCH/MINOR TOOLS & EQUIP.	GRAND TOTAL
\$ -	\$ -	\$ 1,167,500	\$ -	\$ 1,800	\$ 1,660,399
500	-	-	-	500	312,380
800	-	66,518	-	3,975	356,008
-	-	30,000	-	-	279,382
700	-	354,750	-	6,286	1,401,066
200	-	127,550	-	3,500	417,802
-	-	6,700	-	2,175	437,675
-	-	150,000	-	900	253,175
1,000	-	250,500	-	22,295	553,916
1,200	-	450,000	-	2,500	1,453,774
1,000	24,000	372,200	-	3,250	1,027,178
5,500	65,000	340,600	-	77,431	1,814,578
2,500	10,000	39,000	-	2,000	643,067
2,000	-	349,500	-	1,000	530,662
7,200	-	1,633,900	-	35,950	2,355,502
15,000	238,000	70,000	-	43,500	2,191,333
50,000	500,000	110,000	-	172,700	3,307,461
500	2,850	2,750	-	5,695	1,496,509
22,000	15,000	335,000	-	83,700	2,799,209
3,400	778,610	246,200	8,740,345	6,200	12,353,492
10,000	164,000	2,000	-	11,500	750,705
2,700	250,900	928,600	-	10,830	1,991,561
-	-	20,400	-	3,600	244,856
1,500	109,000	259,000	-	56,300	2,130,138
1,500	70,000	119,400	-	35,500	1,631,498
36,100	1,000	86,000	-	34,300	862,718
15,000	309,000	256,000	-	9,550	1,130,707
19,000	-	739,000	-	38,000	1,849,761
180,000	752,500	1,355,100	-	180,356	6,387,121
13,000	76,000	49,100	-	18,400	1,243,420
15,000	109,500	74,600	-	23,100	1,631,263
114,998	-	10,000	-	7,400	642,630
74,000	67,700	280,147	-	258,900	3,591,617
17,000	400	317,072	-	17,102	1,268,897
-	-	250,000	-	750	697,358
-	-	100,000	-	10,300	238,147
-	-	3,000	-	7,000	733,006
-	-	58,500	59,161,000	4,600	60,667,027
-	-	25,000	-	-	27,600
-	-	67,500	-	-	637,073
-	-	250,000	-	1,730	1,047,596
-	-	25,294	-	1,100	1,020,704
-	12,000	10,125	-	-	554,955
3,000	-	-	-	400	219,931
-	-	16,500	-	-	354,495
-	-	51,700	-	3,500	770,414
-	-	15,000	-	-	1,033,978
4,000	-	6,000	-	500	913,690
-	-	31,700	-	2,880	634,539
25,000	1,000	4,000	-	2,500	644,454
-	-	262,062	-	-	509,303
-	-	63,000	-	750	658,272
18,000	1,500	13,100	-	1,500	670,198
-	-	535,784	-	16,356	1,023,270
3,000	-	140,000	-	-	2,613,608
1,000	-	974,400	-	390,050	3,117,334
5,000	-	140,000	-	42,000	1,033,679
-	-	270,000	-	11,100	679,562
-	-	50,000	-	5,700	396,063
429,000	-	437,000	-	21,000	1,564,160
-	-	126,000	-	29,500	588,766
-	30,000	562,200	-	3,400	1,162,505
2,500	500	28,200	-	5,800	339,824
-	-	1,327,000	-	80,000	10,188,338
\$ 1,103,798	\$ 3,588,460	\$ 16,442,152	\$ 67,901,345	\$ 1,822,611	\$ 155,741,306
\$ -	\$ -	\$ -	\$ 67,901,345	\$ -	\$ 67,901,345
-	-	-	-	-	5,953,229
\$ 1,103,798	\$ 3,588,460	\$ 16,442,152	\$ -	\$ 1,822,611	\$ 81,886,732

OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT FY 2015 – FY 2019

ORG. NO.	DEPARTMENT	Actual FY 2015	Actual FY 2016	Actual FY 2017	Amended Budget FY 2018	UNAUDITED Actual FY 2018	Approved Budget FY 2019
1110	General Manager	\$ 1,470,183	\$ 1,540,110	\$ 2,117,848	\$ 1,595,487	\$ 1,826,265	\$ 1,660,399
1120	Internal Audit	263,607	288,679	301,273	301,166	308,051	312,380
1125	Key Account Marketing	188,488	258,213	337,754	342,886	286,937	356,008
1130	Communications & Administrative Svc	237,857	264,770	256,773	274,549	254,651	279,382
1135	Communications & Public Relations	704,861	735,295	804,296	1,177,086	815,899	1,401,066
1140	Organizational Development	334,940	338,837	302,752	519,519	419,217	417,802
1145	Electrical Systems	(5,326)	398,992	451,865	437,667	452,367	437,675
1150	Board of Directors	308,905	245,009	310,738	255,425	207,641	253,175
1165	Records Management	170,244	212,713	346,167	562,053	387,657	553,916
1410	Environmental Services	1,046,889	998,941	1,183,727	1,195,872	1,034,150	1,453,774
1420	Environmental Compliance	878,168	949,894	958,689	1,013,948	876,667	1,027,178
1422	Analytical Lab	1,535,075	1,563,751	1,636,404	1,689,712	1,765,334	1,814,578
1430	Pre-treatment	778,529	923,679	591,418	634,580	600,701	643,067
1435	Cross Connection Control	-	-	212,997	258,032	224,981	530,662
1440	Health & Safety	1,019,317	1,094,945	1,387,180	1,957,388	1,486,428	2,355,502
2110	Elect Trans & Dist Support Services	196,306	27,493	-	-	-	-
2120	Substations and Relaying	1,076,642	1,651,724	2,016,455	2,038,321	1,844,296	2,191,333
2130	Electric Trans & Dist Construction and Maint	1,240,409	1,213,610	1,307,246	1,424,583	1,519,156	3,307,461
2140	Elec Trans & Dist Maintenance	2,423,675	2,097,581	1,752,987	1,853,128	1,367,280	-
2150	Energy Control Center Operations	1,323,880	1,375,352	1,562,728	1,446,475	1,586,831	1,496,509
2210	SCADA & Electrical Support Services	1,941,985	2,031,367	2,232,002	2,751,848	2,749,405	2,799,209
2220	Power Production	13,406,402	11,551,629	12,629,747	14,159,856	13,282,508	12,353,492
2310	Electric Meter Shop	583,928	604,615	640,743	667,461	839,186	750,705
2410	Electric Engineering	1,628,751	1,957,105	2,121,771	2,516,505	1,940,056	1,991,561
3110	W&WW Eng. Planning & Operations	212,697	214,194	231,042	206,087	264,209	244,856
3120	Water Plant I	1,539,797	1,412,958	1,512,472	1,994,320	1,946,445	2,130,138
3130	Water Plant II	1,330,505	1,482,192	1,277,117	1,696,012	1,300,790	1,631,498
3135	Resaca Maintenance	1,994,289	1,269,068	587,504	798,686	871,257	862,718
3140	Raw Water Supply	467,096	408,058	486,526	1,080,685	776,948	1,130,707
3145	W/WW Plant Maintenance	1,078,039	1,117,214	1,360,653	1,723,421	1,740,340	1,849,761
3150	W/WW Operations & Construction	4,867,291	4,929,683	5,162,830	5,975,688	5,236,506	6,387,121
3210	South Wastewater Treatment Plant	1,206,850	1,334,827	1,205,394	1,331,814	1,296,262	1,243,420
3220	Robindale Wastewater Treatment Plant	1,541,478	1,483,391	1,923,773	2,076,176	1,978,804	1,631,263
3225	W/WW Sludge Management	-	-	-	-	-	642,630
3230	Wastewater Lift Stations	4,018,535	4,238,507	4,039,709	3,992,302	3,728,771	3,591,617
3310	Water & Wastewater Engineering	961,672	851,943	720,178	1,042,232	901,717	1,268,897
4105	Operations	593,158	626,414	795,565	689,374	895,369	697,358
4110	Energy Risk Management	189,885	236,168	169,777	242,376	200,744	238,147
4210	NERC Compliance	345,388	401,075	519,202	558,309	524,502	733,006
4220	Fuel & Purchased Energy Supply	59,434,409	51,995,660	58,498,007	57,538,129	61,140,156	60,667,027
4230	Natural Gas Utility Management	-	-	-	27,600	-	27,600
4310	Operational Support Services	160,133	593,405	580,408	644,029	588,556	637,073
5110	Finance	644,433	935,475	952,463	1,039,464	1,056,118	1,047,596
5120	Accounting	593,214	897,366	993,624	987,166	1,006,446	1,020,704
5130	Purchasing	338,381	500,548	588,779	544,833	571,677	554,955
5140	Revenue Recovery	202,753	204,699	205,914	212,271	220,608	219,931
6105	Customer & Information Services	314,368	308,382	357,399	350,508	333,431	354,495
6110	Customer Service	714,320	805,405	808,466	806,022	889,012	770,414
6115	Collections	699,408	206,162	1,202,508	1,020,034	446,652	1,033,978
6120	Billing	792,543	836,909	825,231	884,229	894,164	913,690
6125	Call Center	453,762	531,491	570,357	580,707	603,816	634,539
6130	Meter Services	552,826	509,206	556,073	598,100	556,965	644,454
6135	CIS Support	414,970	379,808	425,761	480,488	400,335	509,303
6145	Energy Efficiency & Conservation	279,542	533,175	574,794	574,482	539,904	658,272
6150	Meter Reading	717,684	610,082	650,955	648,517	668,026	670,198
6160	Cashiers	822,641	882,740	925,438	870,926	928,488	1,023,270
7120	Risk/Insurance Management	2,101,642	1,956,645	2,004,262	2,488,212	1,976,555	2,613,608
7130	Information Technology	2,385,081	2,490,559	2,659,318	2,911,788	3,000,969	3,117,334
7135	Geographic Information Systems	1,078,671	998,949	969,504	1,682,260	1,077,588	1,033,679
7140	Human Resources	1,049,416	1,060,363	663,631	981,084	562,813	679,562
7145	Talent Acquisition and Staffing	-	198,064	268,562	375,410	305,567	396,063
7150	Fleet Management	1,293,547	1,720,059	1,709,346	1,491,878	1,955,864	1,564,160
7155	Compensation & Benefits	-	-	475,736	549,496	426,485	588,766
7160	Facility Maintenance	881,109	1,088,737	1,218,516	1,195,425	1,125,961	1,162,505
7170	Warehouse	219,458	308,272	325,384	342,300	348,131	339,824
9110	Company-wide Expenses	6,276,702	8,300,445	8,967,383	9,097,868	7,593,451	10,188,338
9150	Prior FY Encumbered Budget	118,435	413,404	4,699	-	-	-
TOTAL APPROPRIATIONS		\$ 135,639,845	\$ 131,596,011	\$ 143,437,819	\$ 151,404,270	\$ 146,956,063	\$ 155,741,306
LESS:							
FUEL & PURCHASED POWER		\$ 68,002,097	\$ 59,987,648	\$ 67,049,242	\$ 65,383,085	\$ 68,494,582	\$ 67,901,345
SRWA ASSESSMENTS		5,738,013	5,910,676	5,878,725	5,934,637	5,934,637	5,953,229
TOTAL OPERATIONS & MAINTENANCE		\$ 61,899,735	\$ 65,697,687	\$ 70,509,852	\$ 80,086,548	\$ 72,526,844	\$ 81,886,732

Note:

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

**OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT
FY 2019 BUDGET**

ORGN	DEPARTMENT	OPERATIONS & MAINTENANCE		TOTAL O&M
		PERSONNEL	NON-PERSONNEL	
1110	General Manager	\$ 417,099	\$ 1,243,300	\$ 1,660,399
1120	Internal Audit	289,823	22,557	312,380
1125	Key Account Marketing	243,940	112,068	356,008
1130	Communications & Administrative Svc	225,132	54,250	279,382
1135	Communications & Public Relations	325,730	1,075,336	1,401,066
1140	Organizational Development	263,652	154,150	417,802
1145	Electrical Systems	416,785	20,890	437,675
1150	Board of Directors	-	253,175	253,175
1165	Records Management	230,146	323,770	553,916
1410	Environmental Services	481,960	971,814	1,453,774
1420	Environmental Compliance	546,678	480,500	1,027,178
1422	Analytical Lab	1,085,794	728,784	1,814,578
1430	Pre-treatment	552,837	90,230	643,067
1435	Cross Connect Control	157,062	373,600	530,662
1440	Health & Safety	500,662	1,854,840	2,355,502
2120	Substations and Relaying	1,534,095	657,238	2,191,333
2130	Electric Trans & Dist Construction and Maintenance	2,134,911	1,172,550	3,307,461
2150	Energy Control Center Operations	1,417,683	78,826	1,496,509
2210	SCADA & Electrical Support Services	1,680,189	1,119,020	2,799,209
2220	Power Production	2,139,962	10,213,530	12,353,492
2310	Electric Meter Shop	499,839	250,866	750,705
2410	Electric Engineering	763,281	1,228,280	1,991,561
3110	W&WW Eng, Planning & Operations	198,236	46,620	244,856
3120	Water Plant I	612,433	1,517,705	2,130,138
3130	Water Plant II	422,443	1,209,055	1,631,498
3135	Resaca Maintenance	546,659	316,059	862,718
3140	Raw Water Supply	197,383	933,324	1,130,707
3145	W/WW Plant Maintenance	872,573	977,188	1,849,761
3150	W/WW Operations & Construction	3,132,465	3,254,656	6,387,121
3210	South Wastewater Treatment Plant	461,469	781,951	1,243,420
3220	Robindale Wastewater Treatment Plnt	666,062	965,201	1,631,263
3225	W/WW Sludge Management	451,387	191,243	642,630
3230	Wastewater Lift Stations	2,014,725	1,576,892	3,591,617
3310	Water & Wastewater Engineering	862,324	406,573	1,268,897
4105	Operations	417,158	280,200	697,358
4110	Energy Risk Management	116,809	121,338	238,147
4210	NERC Compliance	451,656	281,350	733,006
4220	Fuel & Purchased Energy Supply	184,027	60,483,000	60,667,027
4230	Natural Gas Utility Management	-	27,600	27,600
4310	Operational Support Services	553,742	83,331	637,073
5110	Finance	721,290	326,306	1,047,596
5120	Accounting	970,080	50,624	1,020,704
5130	Purchasing	480,400	74,555	554,955
5140	Revenue Recovery	196,487	23,444	219,931
6105	Customer & Information Services	274,050	80,445	354,495
6110	Customer Service	692,594	77,820	770,414
6115	Collections	213,878	820,100	1,033,978
6120	Billing	401,350	512,340	913,690
6125	Call Center	593,659	40,880	634,539
6130	Meter Services	568,149	76,305	644,454
6135	CIS Support	237,286	272,018	509,303
6145	Energy Efficiency & Conservation	69,122	589,150	658,272
6150	Meter Reading	581,658	88,540	670,198
6160	Cashiers	452,130	571,140	1,023,270
7120	Risk/Insurance Management	156,558	2,457,050	2,613,608
7130	Information Technology	1,503,784	1,613,550	3,117,334
7135	Geographic Information Systems	647,876	385,803	1,033,679
7140	Human Resources	311,888	367,674	679,562
7145	Talent Acquisition and Staffing	298,623	97,440	396,063
7150	Fleet Management	542,360	1,021,800	1,564,160
7155	Compensation & Benefits	389,701	199,065	588,766
7160	Facility Maintenance	203,275	959,230	1,162,505
7170	Warehouse	294,874	44,950	339,824
9110	Company-wide Expenses	2,691,359	7,496,979	10,188,338
	TOTAL APPROPRIATIONS	\$ 41,561,239	\$ 114,180,067	\$ 155,741,306
LESS:				
FUEL & PURCHASED POWER		\$ -	\$ 67,901,345	\$ 67,901,345
SRWA ASSESSMENTS		-	5,953,229	5,953,229
TOTAL OPERATIONS & MAINTENANCE		\$ 41,561,239	\$ 40,325,493	\$ 81,886,732

**FY 2019 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Communications & Admin Svc Division	1130 Communications & Administrative Svc	DIRECTOR OF COMM/ADMIN SERV	1
		SENIOR ADMINISTRATIVE ASST	1
		ORG TOTAL:	2
	1135 Communications & Public Relations	COMMUNICATIONS & PR MANAGER	1
		SENIOR COMM & PR COORDINATOR	2
		SENIOR WEB SERVICES COORD	1
		ORG TOTAL:	4
	1165 Records Management	ENTERPRISE CONTENT/REC/POL MGR	1
		RECORDS MANAGEMENT COORD	1
		SENIOR RECORDS ASSISTANT	1
		ORG TOTAL:	3
	1440 Health & Safety	ADMINISTRATIVE ASSISTANT	1
		HEALTH & SAFETY ADMINISTRATOR	1
		HEALTH & SAFETY MANAGER	1
		SECURITY COORDINATOR	1
		SENIOR SAFETY TRAINING COORD	1
		WORKERS' COMPENSATION COORD	1
ORG TOTAL:		6	
7120 Risk/Insurance Management	RISK MANAGEMENT COORDINATOR	1	
	RISK MANAGER	1	
	ORG TOTAL:	2	
	DIVISION TOTAL:	17	
Customer & Information Svc Division	1125 Key Account Marketing	BUS DEVL & KEY ACCTS MANAGER	1
		BUSINESS DEVELOPMENT REP	1
		KEY ACCOUNTS REPRESENTATIVE	1
		SENIOR KEY ACCOUNTS REP	1
		ORG TOTAL:	4
	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	3
		LEAD CUSTOMER SOLUTIONS REP	6
		SENIOR CUSTOMER SOLUTIONS REP	3
		ORG TOTAL:	14
	6115 Collections	ACTING CUSTOMER SERVICE SUPER	1
		CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	1
		SENIOR CUSTOMER SOLUTIONS REP	1
		ORG TOTAL:	4
	6120 Billing	CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	1
		LEAD CUSTOMER SOLUTIONS REP	2
		MESSENGER	1
		METER SERVICES SUPERVISOR	1
		SENIOR CUSTOMER SOLUTIONS REP	3
		ORG TOTAL:	9
6125 Call Center	CUSTOMER SERVICE SUPERVISOR	1	
	CUSTOMER SOLUTIONS REP	5	
	LEAD CUSTOMER SOLUTIONS REP	2	
	SENIOR CUSTOMER SOLUTIONS REP	4	
	ORG TOTAL:	12	
6130 Meter Services	LEAD METER SERVICES TECHNICIAN	1	
	METER SERVICES SUPERVISOR	1	
	METER SERVICES TECHNICIAN	3	
	SENIOR METER SERVICES TECH	4	
	ORG TOTAL:	9	
6135 CIS Support	CIS SUPPORT MANAGER	1	
	SENIOR CUST SOLUTIONS ANALYST	2	
	ORG TOTAL:	3	

**FY 2019 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Customer & Information Svc Division (continued)	6145 Energy Efficiency & Conservation	ENERGY EFF & CONSERV COORD	<u>1</u>
		ORG TOTAL:	1
	6150 Meter Reading	LEAD METER READER	1
		METER READER	10
		METER READING SUPERVISOR	1
		SENIOR METER READER	<u>2</u>
		ORG TOTAL:	14
	6160 Cashiers	CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	1
		LEAD CUSTOMER SOLUTIONS REP	2
		SENIOR CUSTOMER SOLUTIONS REP	<u>4</u>
		ORG TOTAL:	8
	7130 Information Technology	AREA MANAGER	1
		COMPUTER TECH SUPPORT SPEC	2
		INFORMATION TECH PROJECT COORD	3
		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 INFO TECH PROJECT COORD		1	
SYSTEMS PROGRAMMER ANALYST		1	
WIRELESS COMM & NETWORK COORD		<u>1</u>	
ORG TOTAL:	17		
	DIVISION TOTAL:	98	
Electrical Systems Division	1145 Electrical Systems	AREA MANAGER	1
		DIRECTOR OF ELECTRICAL SYSTEMS	1
		SENIOR ADMINISTRATIVE ASST	<u>1</u>
		ORG TOTAL:	3
	2120 Substations and Relaying	ADMINISTRATIVE ASSISTANT	1
		ELECTRIC FOREMAN (CERTIFIED)	1
		GROUND WORKER	1
		LEAD RELAY TECHNICIAN	1
		LINEWORKER (CERTIFIED)	5
		LINEWORKER (NON-CERTIFIED)	1
		MAINTENANCE WORKER	2
		SENIOR ELECTRONIC TECHNICIAN	5
		SENIOR MAINTENANCE WORKER	1
		SENIOR RELAY COORDINATOR	1
		SUBSTATION SUPERVISOR	1
		SUBSTATION TECHNICIAN	3
		SUBSTATIONS & RELAYING MANAGER	<u>1</u>
	ORG TOTAL:	24	
	2130 Elec T&D Construction & Maintenance	ADMINISTRATIVE ASSISTANT	1
		APPRENTICE LINEWORKER	13
		ELECTRIC FOREMAN (CERTIFIED)	8
		ELECTRIC OPERATIONS MANAGER	1
		GRADUATE ENGINEER	1
		GROUND WORKER	4
		LINEWORKER (CERTIFIED)	10
		LINEWORKER (NON-CERTIFIED)	2
		MAINTENANCE WORKER	4
SENIOR MAINTENANCE WORKER		<u>6</u>	
ORG TOTAL:	50		

**FY 2019 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Electrical Systems Division (continued)	2150 Energy Control Center Operations	ADMINISTRATIVE ASSISTANT	1
		DISPATCH CLERK	1
		ENERGY SYSTEM OPERATIONS MGR	1
		ENERGY SYSTEM OPERATOR	3
		LEAD ENERGY SYSTEM OPERATOR	5
		SENIOR ENERGY SYSTEM OPERATOR	4
		ORG TOTAL:	15
	2220 Power Production	ADMINISTRATIVE ASSISTANT	1
		GRADUATE ENGINEER	1
		LAB TECHNICIAN-OPERATOR	1
		LD POWER PLANT INSTRUMENT TECH	1
		MAINTENANCE MECHANIC	3
		POWER PLANT FOREMAN	5
		POWER PLANT INSTRUMENT TECH	1
POWER PLANT MAINTENANCE SUPR		1	
POWER PLANT MAINTENANCE TECH		4	
POWER PLANT MANAGER		1	
POWER PLANT OPERATIONS SUPR		1	
POWER PLANT OPERATOR		2	
SENIOR ENGINEER (REGISTERED)		1	
SENIOR POWER PLANT OPERATOR	4		
	ORG TOTAL:	27	
2310 Electric Meter Shop	ELECTRIC METER SHOP SUPERVISOR	1	
	METER TECHNICIAN	2	
	METER TECHNICIAN APPRENTICE	2	
	SENIOR GRADUATE ENGINEER	1	
	SENIOR METER TECHNICIAN	2	
	ORG TOTAL:	8	
2410 Electric Engineering	ADMINISTRATIVE ASSISTANT	1	
	CAD DRAFTER	1	
	ENGINEER (REGISTERED)	2	
	ENGINEERING MANAGER	1	
	GRADUATE ENGINEER	3	
	SENIOR ENGINEERING TECHNICIAN	1	
	SENIOR GRADUATE ENGINEER	4	
	ORG TOTAL:	13	
4220 Fuel & Purchased Energy Supply	FUEL & PURCHASED ENERGY COORD	1	
	FUEL/PURCHASED ENERGY MANAGER	1	
		ORG TOTAL:	2
	DIVISION TOTAL:	142	
Environmental Division	1410 Environmental Services	DIR OF ENVIRONMENTAL SERVICES	1
		QUALITY ASSURANCE SPECIALIST	3
		SENIOR ADMINISTRATIVE ASST	1
		ORG TOTAL:	5
	1420 Environmental Compliance	ACTING REGULATORY COMP SPEC	1
		ENVIRONMENTAL MANAGER	1
		REGULATORY COMPLIANCE SPEC	2
		SENIOR ENVIRONMENTAL TECH	1
		SENIOR REG COMPLIANCE SPEC	1
		ORG TOTAL:	6
1422 Analytical Lab	ADMINISTRATIVE ASSISTANT	1	
	CHEMIST	3	
	LAB COMPLIANCE COORDINATOR	2	
	LABORATORY MANAGER	1	
	LABORATORY SUPERVISOR	1	
	LABORATORY TECHNICIAN	5	
	SENIOR LABORATORY TECHNICIAN	3	
	ORG TOTAL:	16	

**FY 2019 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Environmental Division (continued)	1430 Pre-treatment	ADMINISTRATIVE ASSISTANT	1
		ENVIRO SOFTWARE SOLUTIONS SPEC	1
		ENVIRONMENTAL TECHNICIAN	2
		PRETREATMENT COORDINATOR	1
		PRETREATMENT/CROSS CONN CO MGR	1
		SENIOR ENVIRONMENTAL TECH	1
		SENIOR PRETREATMENT COORD	1
		ORG TOTAL:	8
	1435 Cross Connection Control	CROSS CONNECT COMPLIANCE TECH	1
		LD CROSS CONNECT CONTROL COORD	1
		SENIOR ENVIRONMENTAL TECH	1
		ORG TOTAL:	3
		DIVISION TOTAL:	38
	Finance Division	5110 Finance	BUSINESS PROCESS ANALYST
CHIEF FINANCIAL OFFICER			1
EXECUTIVE ASSISTANT			1
FINANCIAL MANAGER			1
SENIOR BUDGET ANALYST			1
SENIOR FINANCIAL ANALYST			1
TREAS & ACCT SUPP SERV MANAGER			1
		ORG TOTAL:	7
5120 Accounting		ACCOUNTANT	5
		ACCOUNTS PAYABLE SUPERVISOR	1
		ACTING CONTROLLER	1
		ADMINISTRATIVE ASSISTANT	1
		CONTROLLER	1
		DIRECTOR OF FINANCE	1
		FISCAL MANAGER	1
		GRANTS COORD APPRENTICE	1
		LEAD ACCOUNTING CLERK	4
		PAYROLL SPECIALIST	1
		ORG TOTAL:	17
5130 Purchasing		BUYER	3
		CONTRACTS COORDINATOR	1
		MATERIALS & WAREHOUSE MANAGER	1
		PURCHASING CLERK	1
		SENIOR BUYER	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 MANAGER	1	
	LEAD CUSTODIAN	1	
	ORG TOTAL:	4	
7170 Warehouse	INVENTORY CONTROL CLERK	1	
	SENIOR STOREKEEPER	1	
	STOREKEEPER	3	
	WAREHOUSE SUPERVISOR	1	
	ORG TOTAL:	6	
	DIVISION TOTAL:	44	
General Manager Division	1110 General Manager	GENERAL MANAGER & CEO	1
		SENIOR ADMINISTRATIVE ASST	1
		SENIOR EXECUTIVE ASSISTANT	1
		ORG TOTAL:	3
	1120 Internal Audit	AUDIT MANAGER	1
		LEAD INTERNAL AUDITOR	1
SENIOR INTERNAL AUDITOR		1	
	ORG TOTAL:	3	
	DIVISION TOTAL:	6	

**FY 2019 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS	
Human Resources Division	1140 Organizational Development	ORGANIZATIONAL DEVL ADMIN	1	
		ORGANIZATIONAL DEVL MANAGER	1	
		SENIOR ORG DEVL COORDINATOR	1	
			ORG TOTAL:	3
	7140 Human Resources	DIRECTOR OF HUMAN RESOURCES	1	
		SENIOR HUMAN RESOURCES ASST	1	
			ORG TOTAL:	2
	7145 Talent Acquisition and Staffing	SENIOR TALENT ACQ / STAFF SPEC	1	
		TALENT ACQ / STAFF MANAGER	1	
		TALENT ACQUISITION/STAFF APPR	1	
		TALENT ACQUISITION/STAFF SPEC	1	
			ORG TOTAL:	4
	7155 Compensation & Benefits	COMPENSATION & BENEFITS SPEC	1	
COMPENSATION /BENEFITS ANALYST		1		
COMPENSATION/BENEFITS MANAGER		1		
HUMAN RESOURCES COORDINATOR		1		
		ORG TOTAL:	4	
		DIVISION TOTAL:	13	
Operational Support Servcs Division	2210 SCADA & Electrical Support Services	ADMINISTRATIVE ASSISTANT	1	
		ELECTRICAL MAINT SUPERVISOR	1	
		ELECTRICAL SCADA SUPERVISOR	1	
		ELECTRICIAN	6	
		GRADUATE ENGINEER II	1	
		INSTRUMENT TECHNICIAN	1	
		JOURNEYMAN ELECTRICIAN	1	
		MASTER ELECTRICIAN	1	
		SCADA & ELEC SUPP SVC MANAGER	1	
		SCADA NERC COMP COORD	1	
		SCADA NETWORK ADMINISTRATOR	1	
		SCADA SYSTEMS ANALYST	1	
		SENIOR INSTRUMENT TECHNICIAN	1	
		SENIOR SCADA ELECTRONIC TECH	3	
	W/WW SCADA SUPERVISOR	1		
	W/WW SCADA SYSTEM ADMINISTRATO	1		
		ORG TOTAL:	23	
	3120 Water Plant I	LEAD W/WW OPERATOR	2	
		W/WW OPERATOR A	3	
		W/WW OPERATOR C	3	
		W/WW OPERATOR CHIEF	1	
		WATER TREATMENT MANAGER	1	
		ORG TOTAL:	10	
	3130 Water Plant II	LEAD W/WW OPERATOR	1	
		W/WW OPERATOR A	1	
		W/WW OPERATOR B	1	
		W/WW OPERATOR C	4	
		W/WW OPERATOR CHIEF	1	
		ORG TOTAL:	8	
	3135 Resaca Maintenance	ADMINISTRATIVE ASSISTANT	1	
		DREDGE OPERATOR	2	
		DREDGE TECHNICIAN	1	
		FOREMAN	1	
LEAD RESACA MAINTENANCE OPER		1		
MAINTENANCE WORKER		2		
WATER RESOURCE MANAGER	1			
	ORG TOTAL:	9		
3140 Raw Water Supply	RAW WATER SYSTEM OPERATOR APR	1		
	RAW WATER SYSTEM SUPERVISOR	1		
	RAW WATER SYSTEMS OPERATOR C	2		
	ORG TOTAL:	4		
3210 South Wastewater Treatment Plant	LEAD W/WW OPERATOR	1		
	W/WW OPERATOR A	3		
	W/WW OPERATOR B	2		
	W/WW OPERATOR CHIEF	1		
	W/WW OPERATOR D	1		
	ORG TOTAL:	8		

**FY 2019 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Operational Support Servcs Division (continued)	3220 Robindale Wastewater Treatment Plnt	ADMINISTRATIVE ASSISTANT	1
		LEAD W/WW OPERATOR	1
		W/WW OPERATOR A	2
		W/WW OPERATOR B	1
		W/WW OPERATOR C	3
		W/WW OPERATOR CHIEF	1
		W/WW OPERATOR D	1
		WASTEWATER TREATMENT MANAGER	1
		ORG TOTAL:	11
	3225 W/WW Sludge Management	MOTOR EQUIP OPER /TRANSPORTER	1
		MOTOR EQUIPMENT OPERATOR	4
		SENIOR MOTOR EQUIP OPERATOR	2
		SLUDGE TRANS & DISP SUPERVISOR	1
		ORG TOTAL:	8
	4310 Operational Support Services	AREA MANAGER	2
		DIR OF OPERATIONAL SUPP SERV	1
		SENIOR ADMINISTRATIVE ASST	1
		ORG TOTAL:	4
	7135 Geographic Information Systems	ADMINISTRATIVE ASSISTANT	1
		G.I.S. ANALYST	1
G.I.S. MANAGER		1	
G.P.S.&G.I.S.TECHNICIAN		1	
RIGHT-OF-WAY AGENT		1	
SENIOR GIS SPECIALIST		1	
SENIOR GIS TECHNICIAN		3	
SENIOR RIGHT-OF-WAY AGENT		1	
	ORG TOTAL:	10	
7150 Fleet Management	ADMINISTRATIVE ASSISTANT	1	
	AUTO/HEAVY DUTY EQUIP TECH A	1	
	AUTO/HEAVY DUTY EQUIP TECH B	5	
	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	ASST GENERAL MANAGER & COO	1
		EXECUTIVE ASSISTANT	1
		ORG TOTAL:	2
	4110 Energy Risk Management	ENERGY RISK MANAGER	1
		ORG TOTAL:	1
	4210 NERC Compliance	ADMINISTRATIVE ASSISTANT	1
		LEAD NERC COMPLIANCE COORD	1
NERC COMPL MANAGER & CCO		1	
SENIOR NERC COMPLIANCE COORD		2	
	ORG TOTAL:	5	
	DIVISION TOTAL:	8	
Systems Contingency	9110 Company-wide Expenses	WATER UTILITY	1
			ORG TOTAL:
	DIVISION TOTAL:	1	
W/WW Eng, Planning & Oper Division	3110 W&WW Eng, Planning & Operations	DIR OF W/WW ENG, PLAN & OPER	1
		SENIOR ADMINISTRATIVE ASST	1
			ORG TOTAL:
	3145 W/WW Plant Maintenance	FOREMAN	1
		LEAD MECHANIC	6
MAINTENANCE MECHANIC		4	
	OPERATIONS SOLUTIONS SPEC	1	
	SHIFT SUPERVISOR	1	
	ORG TOTAL:	13	

**FY 2019 APPROVED BUDGETED NUMBER OF POSITIONS
BY DIVISION/ORGANIZATION - CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
W/WW Eng, Planning & Oper Division (continued)	3150 W/WW Operations & Construction	ADMINISTRATIVE ASSISTANT	2
		FOREMAN	3
		MAINTENANCE WORKER	24
		MOTOR EQUIP OPER /TRANSPORTER	1
		MOTOR EQUIPMENT OPERATOR	4
		OPERATIONS & SUPPORT ASSISTANT	1
		PIPELAYER	7
		SENIOR MOTOR EQUIP OPERATOR	3
		SHIFT SUPERVISOR	7
		UTILITY TECHNICIAN	13
	W/WW OPERATIONS MANAGER	1	
	WATER METER MECHANIC	1	
		ORG TOTAL:	67
	3230 Wastewater Lift Stations	ADMINISTRATIVE ASSISTANT	1
		FOREMAN	1
		JETVAC OPERATOR	2
		JETVAC OPERATOR APPRENTICE	7
		LEAD MECHANIC	9
		MAINTENANCE MECHANIC	8
		SHIFT SUPERVISOR	3
WASTEWATER TV TECHNICIAN		2	
WWW PLANT MAINT/WWW LIFT ST MGR		1	
		ORG TOTAL:	34
3310 Water & Wastewater Engineering	ACTING ENGINEERING MANAGER	1	
	ADMINISTRATIVE ASSISTANT	1	
	ENGINEERING MANAGER	1	
	FIELD TECHNICIAN	3	
	GRADUATE ENGINEER	1	
	SENIOR CIVIL ENGINEER	3	
	SENIOR COORDINATOR	3	
	SENIOR ENGINEERING TECHNICIAN	2	
	SENIOR GRADUATE ENGINEER	1	
	ORG TOTAL:	16	
	DIVISION TOTAL:	132	
OVERALL TOTAL		604	

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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:

UNAUDITED FY 2018

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Total</u>
Revenues	\$ 178,918,644	\$ 27,461,197	\$ 24,185,108	\$ 230,564,949
Expenses	<u>129,445,521</u>	<u>26,167,628</u>	<u>20,038,370</u>	<u>175,651,519</u>
Change in net assets	\$ 49,473,123	\$ 1,293,569	\$ 4,146,738	\$ 54,913,430
Net position, beginning of year				<u>\$ 474,445,995</u>
Net position, end of year				<u><u>\$ 529,359,425</u></u>

Reconciliation to "Total Utility Combined Revenues & Requirements" page 72 is as follows:

Change in net position	\$ 49,473,123	\$ 1,293,569	\$ 4,146,738	\$ 54,913,430
Less: Principal Pmts	<u>8,903,481</u>	<u>1,814,980</u>	<u>2,706,539</u>	<u>13,425,000</u>
Funds Available for Capital and Reserve Funds	<u>\$ 40,569,642</u>	<u>\$ (521,411)</u>	<u>\$ 1,440,199</u>	<u>\$ 41,488,430</u>

Projected changes in net position for fiscal year 2019 are as follows:

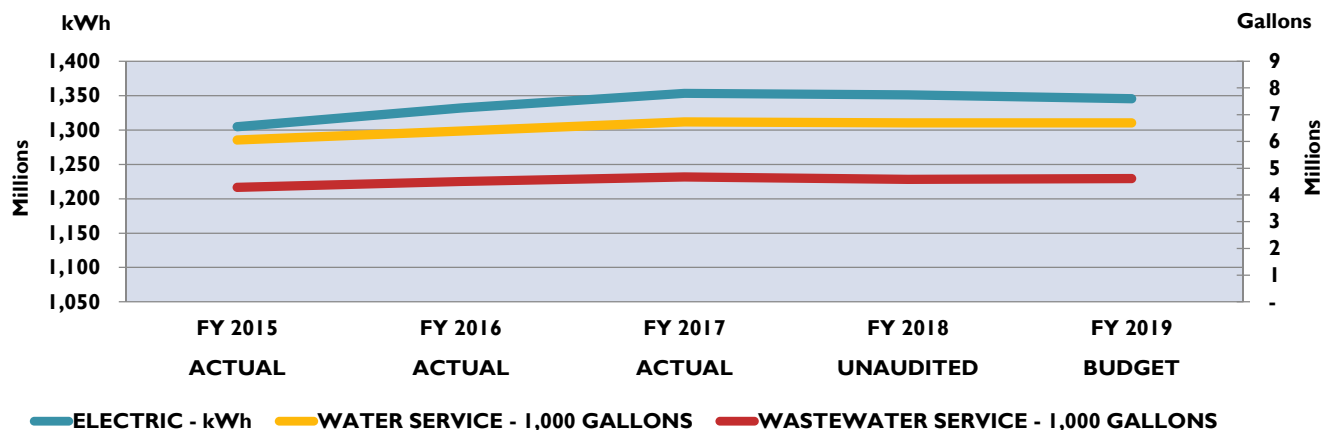
APPROVED BUDGET FY 2019

	<u>Electric</u>	<u>Water</u>	<u>Wastewater</u>	<u>Total</u>
Revenues	\$ 170,901,662	\$ 27,512,376	\$ 24,782,860	\$ 223,196,898
Expenses	<u>131,913,167</u>	<u>25,356,465</u>	<u>21,177,171</u>	<u>178,446,803</u>
Change in net position	\$ 38,988,495	\$ 2,155,911	\$ 3,605,689	\$ 44,750,095
Net position, beginning of year				<u>\$ 529,359,425</u>
Net position, end of year				<u><u>\$ 574,109,520</u></u>

Reconciliation to "Total Utility Combined Revenues & Requirements" page 72 is as follows:

Change in net position	\$ 38,988,495	\$ 2,155,911	\$ 3,605,689	\$ 44,750,095
Less: Principal Pmts	<u>9,287,593</u>	<u>1,894,650</u>	<u>2,687,757</u>	<u>13,870,000</u>
Funds Available for Capital and Reserve Funds	<u>\$ 29,700,902</u>	<u>\$ 261,261</u>	<u>\$ 917,932</u>	<u>\$ 30,880,095</u>

UNIT SALES STATISTICS



	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	UNAUDITED FY 2018	BUDGET FY 2019
ELECTRIC - kWh					
Residential	551,304,652	564,931,382	578,938,532	588,862,015	584,122,187
Commercial - Non-Demand	128,892,385	135,844,893	139,381,802	136,319,294	137,658,668
Municipal	67,411,861	71,414,739	72,400,171	71,331,446	71,634,209
Commercial - Demand	554,994,514	557,349,627	560,113,317	552,028,532	549,511,607
Other	2,227,059	2,403,423	2,478,672	2,390,778	2,415,032
<i>Total Electric Unit Sales</i>	<u>1,304,830,471</u>	<u>1,331,944,064</u>	<u>1,353,312,494</u>	<u>1,350,932,065</u>	<u>1,345,341,703</u>
WATER SERVICE - 1,000 GALLONS					
Inside City	5,281,931	5,560,741	5,832,446	5,743,114	5,772,038
Outside City	148,956	155,104	157,297	158,189	158,410
Municipal	163,284	211,417	217,227	205,683	211,491
Other	461,178	465,077	525,154	588,476	552,338
<i>Total Water Unit Sales</i>	<u>6,055,349</u>	<u>6,392,339</u>	<u>6,732,124</u>	<u>6,695,462</u>	<u>6,694,277</u>
WASTEWATER SERVICE - 1,000 GALLONS					
Residential	2,554,154	2,709,033	2,804,793	2,745,874	2,783,235
Commercial	1,560,177	1,601,296	1,662,288	1,649,892	1,636,092
Municipal	63,318	80,962	80,100	78,414	77,724
Outside City	106,175	111,277	123,065	111,471	119,070
Specials	-	-	-	-	-
<i>Total Wastewater Unit Sales</i>	<u>4,283,824</u>	<u>4,502,568</u>	<u>4,670,246</u>	<u>4,585,651</u>	<u>4,616,121</u>

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OUTSTANDING DEBT

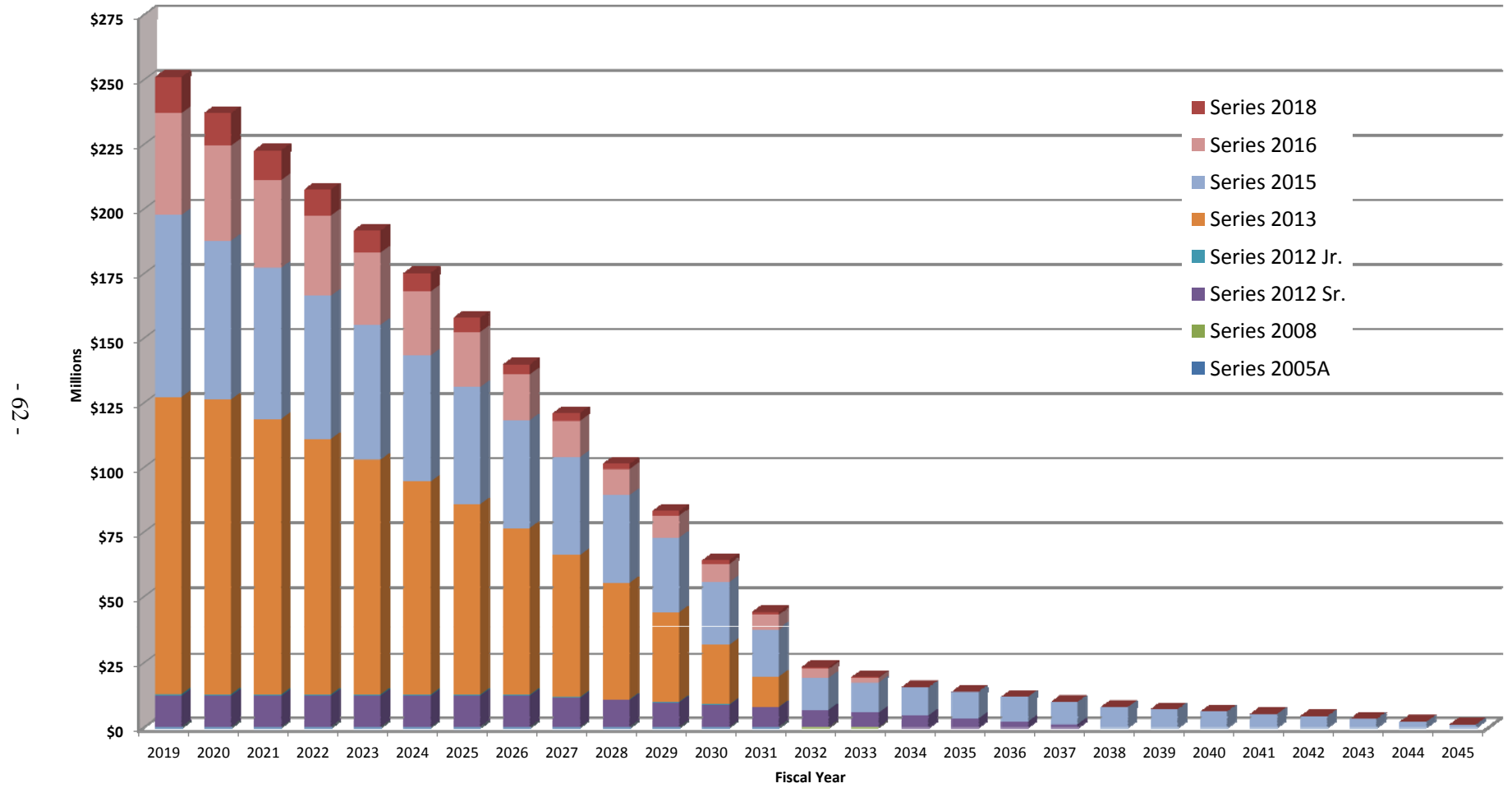
The Brownsville PUB has the following bonds outstanding as of September 30, 2018:

- \$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, 2018, 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, 2018, the outstanding balance was \$100,000.
- \$20,690,000 Utilities System Revenue Refunding Bonds, Series 2012, due in annual installments ranging from \$840,000 to \$1,210,000 through 2037 with interest rates ranging from 2.0% to 4.0%. As of September 30, 2018, the outstanding balance was \$12,105,000.
- \$840,000 Utilities System Junior Lien Revenue Bonds Series 2012, due in annual installments ranging from \$35,000 to \$60,000 through 2032 with interest rates ranging from .270% to 3.49%. As of September 30, 2018, the outstanding balance was \$650,000.
- \$118,185,000 Utilities System Revenue Refunding Bonds, Series 2013, due in annual installments ranging from \$910,000 to \$11,820,000 through 2031 with interest rates ranging from 2.0% to 4.0%. As of September 30, 2018 the outstanding balance was \$114,455,000.
- \$94,770,000 Utilities System Revenue Refunding Bonds, Series 2015, due in annual installments ranging from \$675,000 to \$8,995,000 through 2045 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2018 the outstanding balance was \$70,425,000.
- \$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, 2018, the outstanding balance was \$39,410,000.
- \$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, 2018, the outstanding balance was \$14,000,000.

The Brownsville PUB also had \$20 million in commercial paper obligations as of September 30, 2018.

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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 2015	ACTUAL FY 2016	ACTUAL FY 2017	UNAUDITED ACTUAL FY 2018	BUDGET FY 2019
<u>ELECTRIC</u>					
Principal	\$ 7,018,593	\$ 8,051,189	\$ 8,533,908	\$ 8,903,481	\$ 9,287,593
Interest	9,321,174	9,388,119	8,754,769	8,404,691	8,106,257
<i>Total</i>	<u>16,339,767</u>	<u>17,439,308</u>	<u>17,288,677</u>	<u>17,308,172</u>	<u>17,393,850</u>
<u>WATER</u>					
Principal	1,689,382	1,635,624	1,741,880	1,814,980	1,894,650
Interest	1,756,163	1,841,434	1,725,679	1,660,594	1,624,782
<i>Total</i>	<u>3,445,545</u>	<u>3,477,058</u>	<u>3,467,559</u>	<u>3,475,574</u>	<u>3,519,432</u>
<u>WASTEWATER</u>					
Principal	3,358,025	2,486,187	2,638,212	2,706,539	2,687,757
Interest	2,431,611	2,536,305	2,383,360	2,304,990	2,247,851
<i>Total</i>	<u>5,789,636</u>	<u>5,022,492</u>	<u>5,021,572</u>	<u>5,011,529</u>	<u>4,935,608</u>
TOTAL ALL SYSTEMS	<u>\$ 25,574,948</u>	<u>\$ 25,938,858</u>	<u>\$ 25,777,808</u>	<u>\$ 25,795,275</u>	<u>\$ 25,848,890</u>
<u>SUMMARY</u>					
Principal	\$ 12,066,000	\$ 12,173,000	\$ 12,914,000	\$ 13,425,000	\$ 13,870,000
Interest	13,508,948	13,765,858	12,863,808	12,370,275	11,978,890
<i>Total</i>	<u>\$ 25,574,948</u>	<u>\$ 25,938,858</u>	<u>\$ 25,777,808</u>	<u>\$ 25,795,275</u>	<u>\$ 25,848,890</u>

NOTE:

Actual budget based on principal and interest payments made annually on September 30th. Commercial Paper for FY 2019 will incur \$472,500 of interest expense.

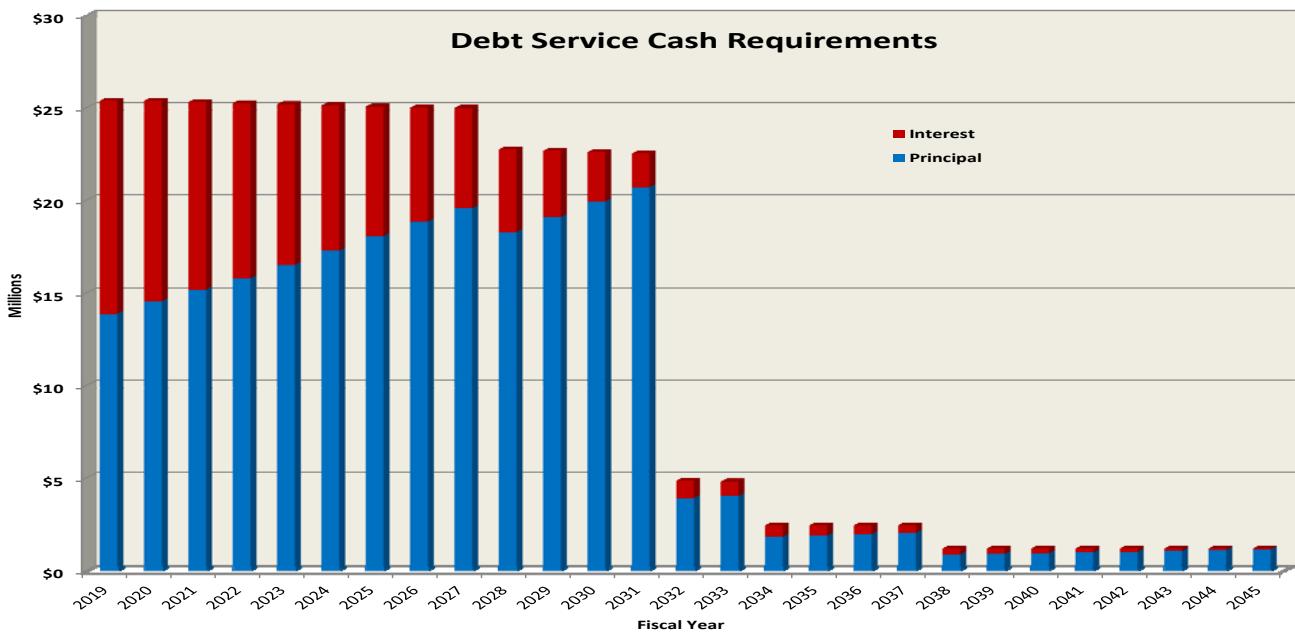
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DEBT SERVICE REQUIREMENTS BY FISCAL YEAR

Yr End Sep 1,	Yrs	Principal	Interest	Total Debt Svc Requirements	Declining Debt Svc Balance
2019	27	\$ 13,870,000	\$ 11,506,390	\$ 25,376,390	\$ 320,843,828
2020	26	14,545,000	10,835,610	25,380,610	295,463,218
2021	25	15,170,000	10,142,072	25,312,072	270,151,146
2022	24	15,780,000	9,475,700	25,255,700	244,895,446
2023	23	16,505,000	8,687,572	25,192,572	219,702,874
2024	22	17,265,000	7,863,138	25,128,138	194,574,736
2025	21	18,065,000	7,000,765	25,065,765	169,508,971
2026	20	18,850,000	6,153,177	25,003,177	144,505,794
2027	19	19,570,000	5,419,592	24,989,592	119,516,202
2028	18	18,290,000	4,459,272	22,749,272	96,766,930
2029	17	19,100,000	3,576,440	22,676,440	74,090,490
2030	16	19,950,000	2,657,670	22,607,670	51,482,820
2031	15	20,720,000	1,811,930	22,531,930	28,950,890
2032	14	3,920,000	933,075	4,853,075	24,097,815
2033	13	4,015,000	784,194	4,799,194	19,298,621
2034	12	1,815,000	626,531	2,441,531	16,857,090
2035	11	1,885,000	558,000	2,443,000	14,414,090
2036	10	1,955,000	486,819	2,441,819	11,972,271
2037	9	2,035,000	412,001	2,447,001	9,525,270
2038	8	855,000	334,106	1,189,106	8,336,164
2039	7	890,000	298,838	1,188,838	7,147,326
2040	6	930,000	262,125	1,192,125	5,955,201
2041	5	965,000	223,763	1,188,763	4,766,438
2042	4	1,010,000	182,750	1,192,750	3,573,688
2043	3	1,050,000	139,825	1,189,825	2,383,863
2044	2	1,095,000	95,200	1,190,200	1,193,663
2045	1	1,145,000	48,663	1,193,663	-
		\$ 251,245,000	\$ 94,975,218	\$ 346,220,218	

NOTE:

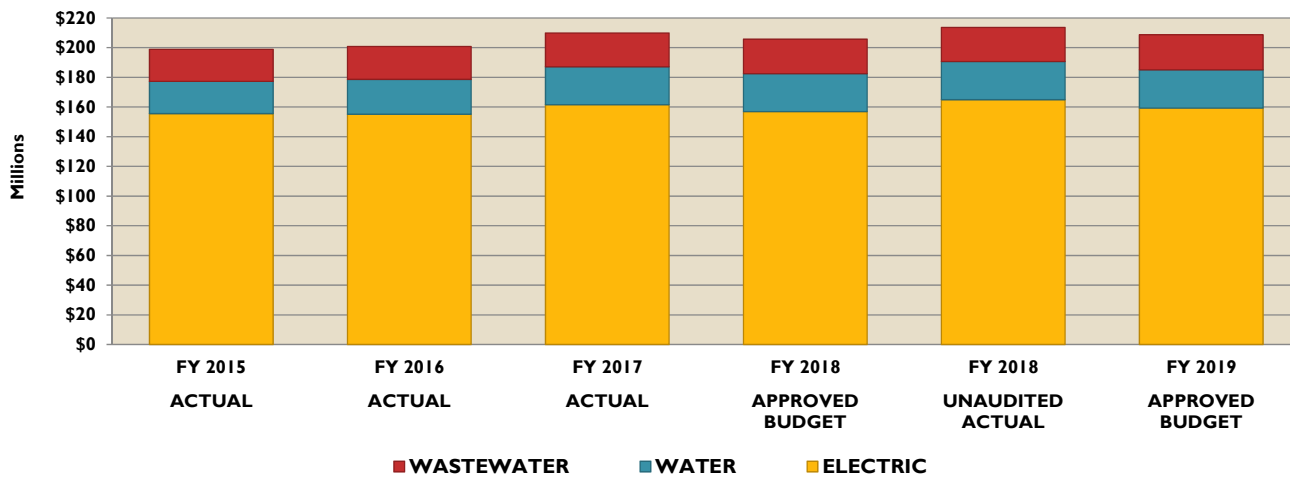
Debt Service schedule does not include debt associated with commercial paper expense of \$472,500 for the Electric, Water and Wastewater Systems approved for FY 2019.



REVENUES

SALES & SERVICES TO CUSTOMERS OPERATING REVENUES BY SYSTEM

	ACTUAL <u>FY 2015</u>	ACTUAL <u>FY 2016</u>	ACTUAL <u>FY 2017</u>	APPROVED BUDGET <u>FY 2018</u>	UNAUDITED ACTUAL <u>FY 2018</u>	APPROVED BUDGET <u>FY 2019</u>
ELECTRIC	\$ 155,520,116	\$ 155,130,976	\$ 161,529,325	\$ 156,909,700	\$ 164,901,733	\$ 159,294,597
WATER	21,774,560	23,420,510	25,613,846	25,512,125	25,764,387	25,734,608
WASTEWATER	21,554,127	22,237,428	22,770,133	23,233,202	22,939,361	23,593,845
TOTAL	\$ 198,848,803	\$ 200,788,914	\$ 209,913,304	\$ 205,655,027	\$ 213,605,481	\$ 208,623,050



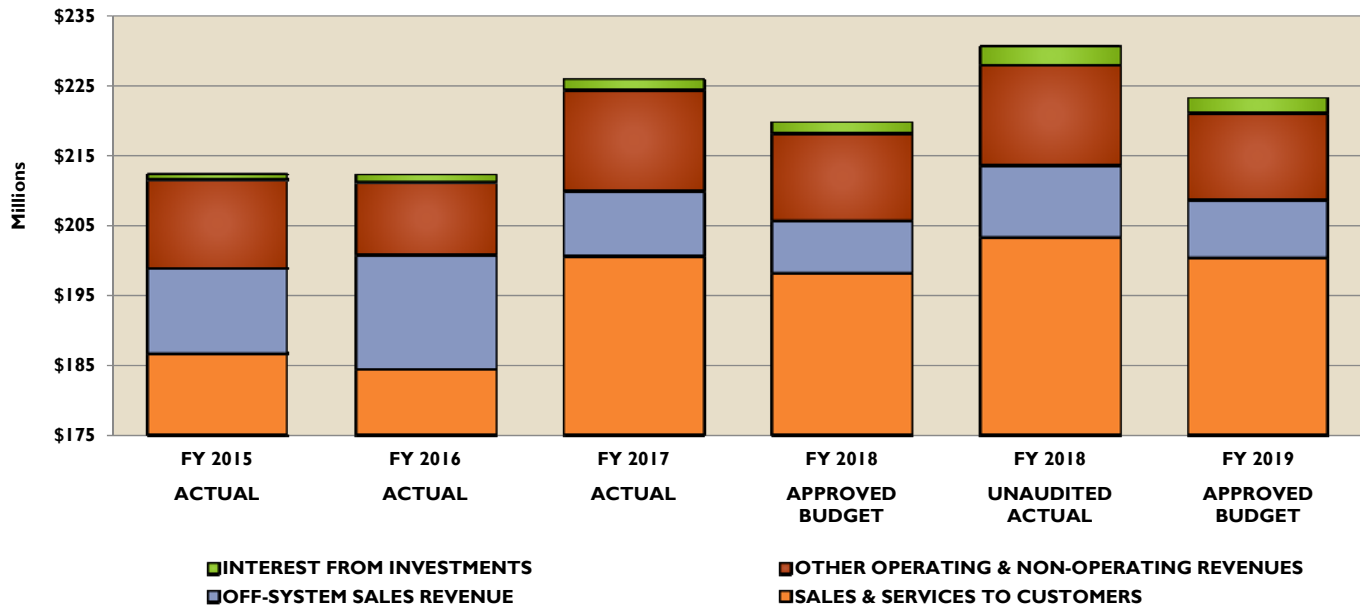
NOTE:

Electric Operating Revenues include off-system sales.

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REVENUES BY SOURCE

	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	APPROVED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
SALES & SERVICES TO CUSTOMERS	\$ 186,666,075	\$ 184,390,926	\$ 200,564,816	\$ 198,155,027	\$ 203,303,706	\$ 200,373,050
OFF-SYSTEM SALES REVENUE	12,182,728	16,397,987	9,348,488	7,500,000	10,301,775	8,250,000
INTEREST FROM INVESTMENTS	687,924	970,437	1,460,146	1,500,000	2,601,297	2,100,000
OTHER OPERATING & NON-OPERATING REVENUES	12,701,829	10,406,119	14,507,722	12,563,656	14,358,171	12,473,848
TOTAL	\$ 212,238,556	\$ 212,165,469	\$ 225,881,172	\$ 219,718,683	\$ 230,564,949	\$ 223,196,898



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REVENUES – SOURCES, ASSUMPTIONS AND TRENDS

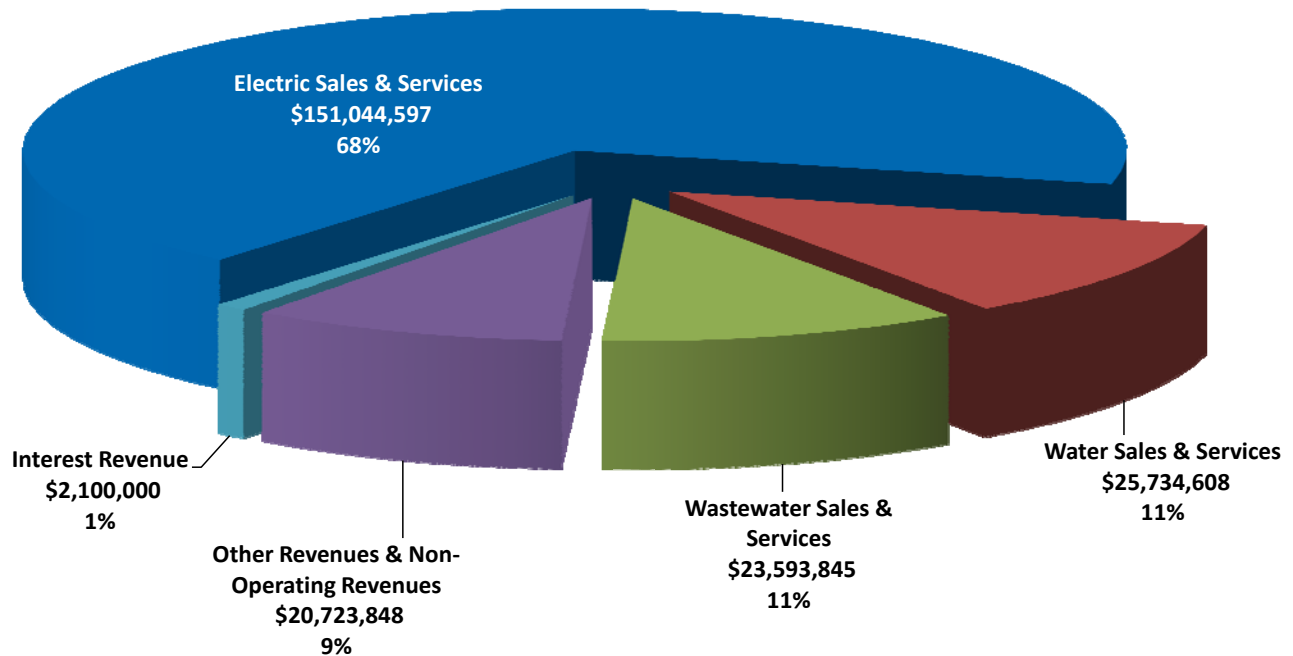
SOURCES

In FY 2019, Brownsville PUB expects to generate 89.77% of revenues through rates charged to customers and from the Fuel & Purchased Energy Charge (FPEC). Off-system sales revenue makes up 3.70% of the total revenue budget for FY 2018, and the remainder is made up of interest from investments and other operating and non-operating revenues (other revenues). Other revenues 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 congestion rights revenues.

FY 2019 REVENUES BY SOURCES

	<u>ELECTRIC</u>	<u>WATER</u>	<u>WASTEWATER</u>	<u>TOTAL</u>
SALES & SERVICES TO CUSTOMERS	\$ 151,044,597	\$ 25,734,608	\$ 23,593,845	\$ 200,373,050
OFF-SYSTEM SALES REVENUE	8,250,000	-	-	8,250,000
INTEREST FROM INVESTMENTS	1,260,000	420,000	420,000	2,100,000
OTHER OPERATING & NON-OPERATING REVENUES	10,347,065	1,357,768	769,015	12,473,848
	\$ 170,901,662	\$ 27,512,376	\$ 24,782,860	\$ 223,196,898

FY 2019 REVENUES BY SYSTEM AND SOURCES



ASSUMPTIONS AND TRENDS

The Brownsville PUB estimated unit sales, sales revenues and customer billings for FY 2019 for the electric, water and wastewater systems. Future unit sales and revenues are predicted upon information and data provided by staff including detailed customer billing statistics and financial results from FY 2018 and prior years, and other pertinent records of operations. 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.

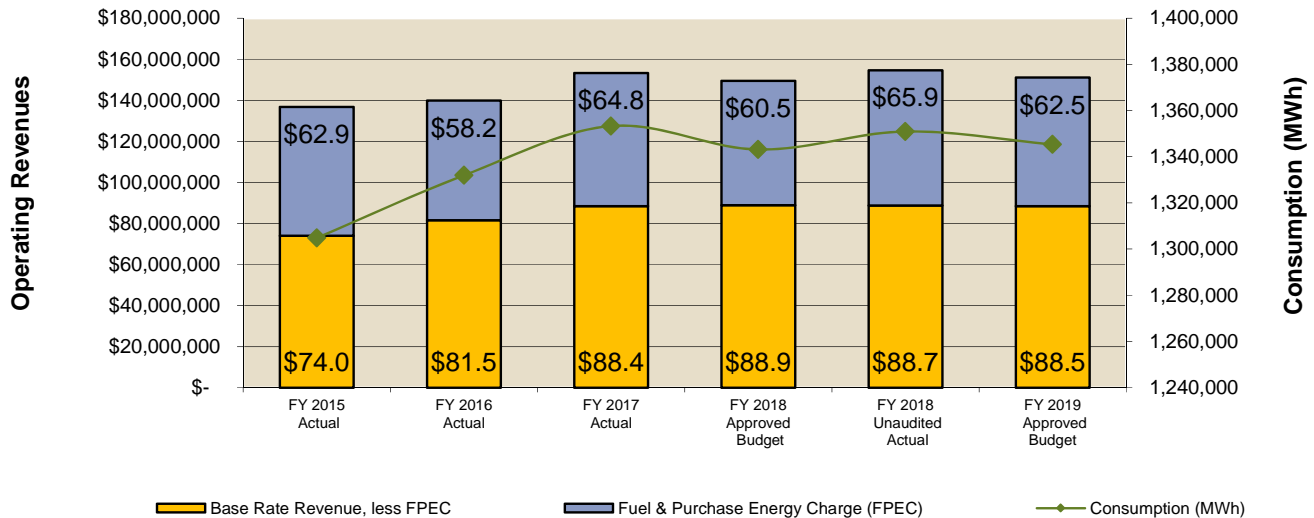
Electric, water and wastewater revenues were developed using rates in the City Commission approved five-year plan that began on April 1, 2013 with the final increases being effective October 1, 2016.

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

ELECTRIC

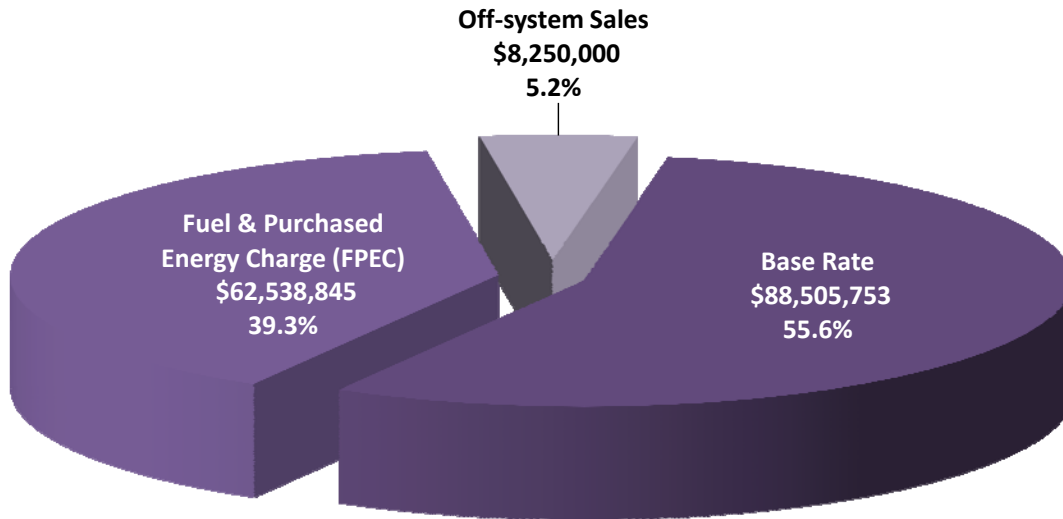
Total FY 2019 electric sales revenues (excluding off-system sales) are expected to increase \$2.38 million or 1.52% over the FY 2018 Budget levels.

Electric consumption and operating revenues are depicted in the chart below



Fiscal Years 2018 and 2019 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 2019, will be approximately \$151.04 million compared to \$149.41 million in 2018.

The following graph shows electric sales revenues by revenue source:



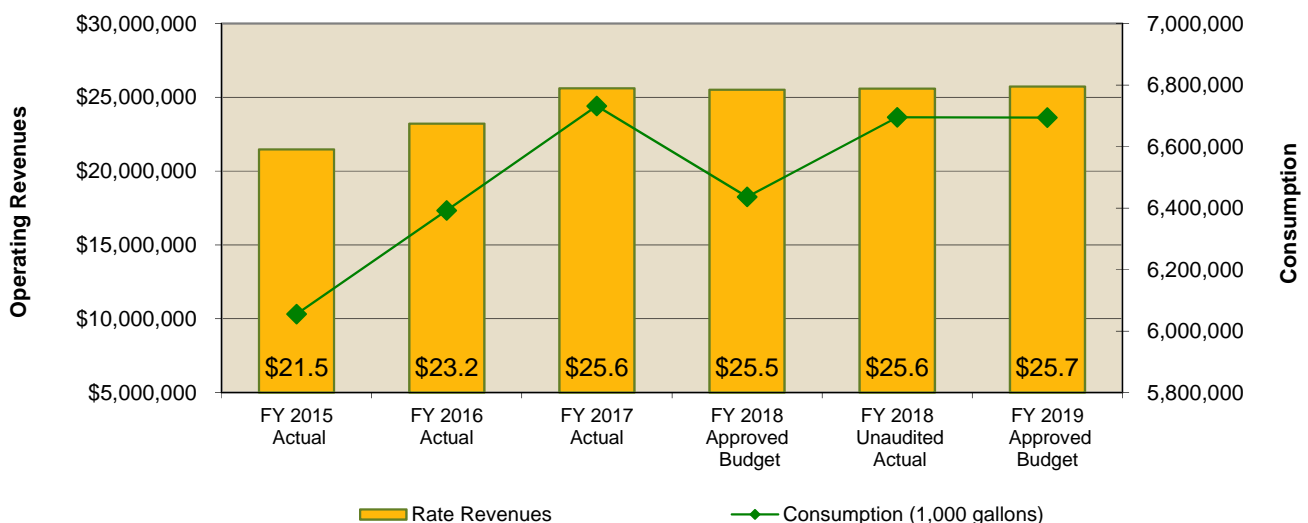
Based upon a review of historical customer statistics, customer accounts have increased on average by approximately 1% per year. For the fiscal year ended September 30, 2018, Brownsville PUB's approximate 50,030 electric customers were comprised of 87.5% residential, 11.4% commercial/industrial, and 1.1% municipal. Residential, commercial/industrial, and municipal customers provided approximately 47%, 48% and 5%, 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 2019 water revenues are expected to increase \$222,483 or 0.87% over FY 2018 budget levels.

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



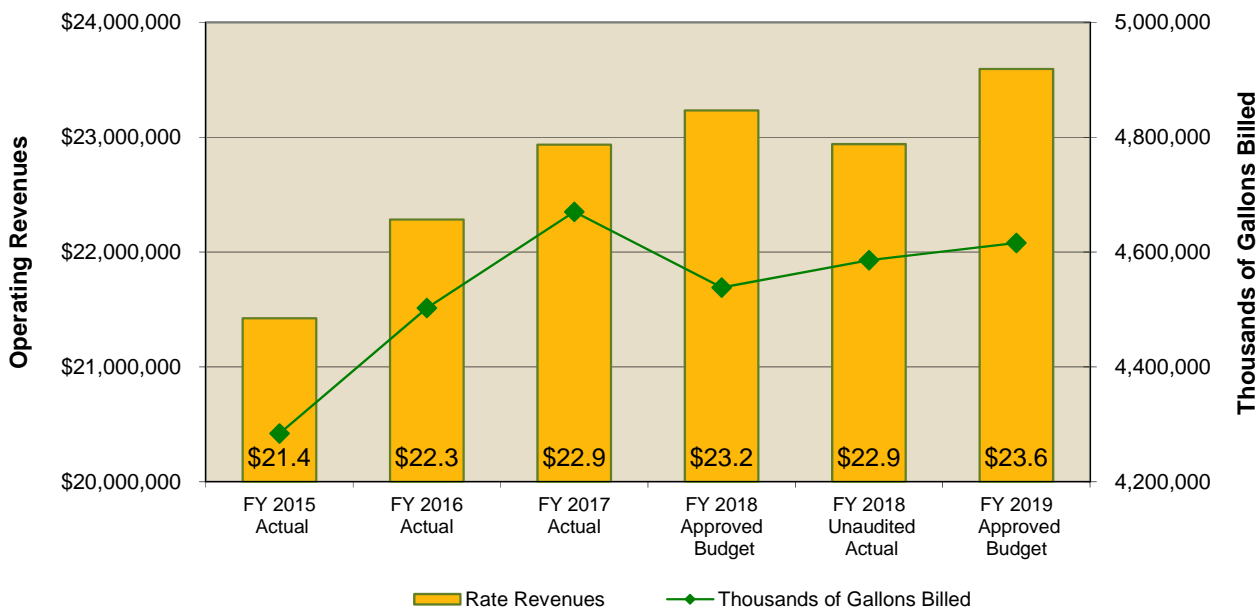
For the fiscal year ended 2018, Brownsville PUB’s approximate 51,148 water customers were comprised of residential, commercial, and municipal customers within the City and adjacent unincorporated areas. Brownsville PUB also sells treated water at wholesale rates to three water distribution systems and in FY 2018 these sales accounted for approximately 5.64% of the water system’s sales revenues and 8.79% 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 recent trends and/or estimated changes in fees and charges where appropriate.

WASTEWATER

Total FY 2019 wastewater revenues are expected to increase by \$360,643 or 1.55% over FY 2018 budget levels.

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



The wastewater system provided service to approximately 51,471 customers at the end of FY 2018 and accounted for approximately 13% 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 recent trends and/or estimated changes in fees and charges where appropriate.

TOTAL UTILITY COMBINED REVENUES & REQUIREMENTS
FY 2015 – FY 2019

	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Amended Budget	FY 2018 Unaudited Actual	FY 2019 Approved Budget
1 Operating Revenues	\$ 186,666,075	\$ 184,390,927	\$ 200,564,816	\$ 198,155,027	\$ 203,303,706	\$ 200,373,050
2 Off-system Sales Revenues	12,182,728	16,397,987	9,348,488	7,500,000	10,301,775	8,250,000
3 Net Operating Revenues	<u>198,848,803</u>	<u>200,788,914</u>	<u>209,913,304</u>	<u>205,655,027</u>	<u>213,605,481</u>	<u>208,623,050</u>
4 Interest from Investments	687,924	970,437	1,460,146	1,500,000	2,601,297	2,100,000
5 Other Revenues	11,150,383	9,053,681	13,111,962	11,063,656	12,710,392	11,105,342
6 Other Non-operating Revenues	<u>1,551,446</u>	<u>1,352,438</u>	<u>1,395,760</u>	<u>1,500,000</u>	<u>1,647,779</u>	<u>1,368,506</u>
7 Gross Revenues	<u>212,238,556</u>	<u>212,165,470</u>	<u>225,881,172</u>	<u>219,718,683</u>	<u>230,564,949</u>	<u>223,196,898</u>
8 Less:						
9 Fuel & Energy Costs	65,220,979	55,451,964	62,733,293	60,508,085	63,801,885	62,538,845
10 Off-system Sales Expenses	2,781,118	4,535,684	4,315,948	4,875,000	4,692,697	5,362,500
11 SRWA O&M	3,585,642	3,752,642	3,719,365	3,844,573	3,844,573	3,818,338
12 SRWA Debt Service	<u>2,152,371</u>	<u>2,158,034</u>	<u>2,159,360</u>	<u>2,090,064</u>	<u>2,090,064</u>	<u>2,134,891</u>
13 Adjusted Gross Revenues	<u>138,498,446</u>	<u>146,267,146</u>	<u>152,953,206</u>	<u>148,400,961</u>	<u>156,135,730</u>	<u>149,342,324</u>
14 Personnel O&M Expenses	33,273,083	36,893,639	41,151,030	40,173,256	40,710,705	41,561,239
15 Non-Personnel O&M Expenses	<u>28,626,652</u>	<u>28,804,047</u>	<u>29,358,822</u>	<u>39,913,292</u>	<u>31,816,139</u>	<u>40,325,493</u>
16 Subtotal O&M Expenses	<u>61,899,735</u>	<u>65,697,687</u>	<u>70,509,852</u>	<u>80,086,548</u>	<u>72,526,844</u>	<u>81,886,732</u>
17 Other Non-Operating Expenses	<u>450,442</u>	<u>549,876</u>	<u>437,102</u>	<u>1,500,000</u>	<u>711,608</u>	<u>1,100,000</u>
18 Balance Available for Debt Service and Other Legal Purposes	76,148,269	80,019,583	82,006,252	66,814,412	82,897,278	66,355,592
19 Debt Service:						
20 Existing	25,604,613	25,938,858	25,722,172	25,674,618	25,627,696	25,376,390
21 Commercial Paper Interest Expense	<u>13,671</u>	<u>-</u>	<u>55,636</u>	<u>405,000</u>	<u>167,579</u>	<u>472,500</u>
22 Total Debt Service & CP Expense	<u>25,618,284</u>	<u>25,938,858</u>	<u>25,777,808</u>	<u>26,079,618</u>	<u>25,795,275</u>	<u>25,848,890</u>
23 Available After Debt Service	50,529,986	54,080,725	56,228,444	40,734,794	57,102,003	40,506,702
24 Other Uses of Cash:						
25 COB Cash Transfer	9,040,104	9,822,603	10,666,207	9,252,420	11,064,850	9,626,607
26 COB Usage	<u>4,809,741</u>	<u>4,804,112</u>	<u>4,629,113</u>	<u>5,587,676</u>	<u>4,548,723</u>	<u>5,307,626</u>
27 Total Cash/Utility Benefit COB	<u>13,849,845</u>	<u>14,626,715</u>	<u>15,295,320</u>	<u>14,840,096</u>	<u>15,613,573</u>	<u>14,934,233</u>
28 Balance Available to Surplus for Transfers Out	<u>\$ 36,680,142</u>	<u>\$ 39,454,010</u>	<u>\$ 40,933,124</u>	<u>\$ 31,482,374</u>	<u>\$ 41,488,430</u>	<u>\$ 30,880,095</u>
29 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
30 Operating Subaccount-Fuel Adjustment	\$ 5,000,000	\$ 5,000,000	\$ 15,000,000	\$ 25,500,000	\$ 25,500,000	\$ 24,000,000
31 Improvement Fund- CIP Funding	7,000,000	8,490,000	12,850,000	5,982,374	5,982,374	6,880,095
32 Improvement Fund - COB USACE Program	500,000	500,000	500,000	-	-	-
33 Improvement Fund - COB USACE Resaca Blvd	-	1,232,292	-	-	-	-
34 Tenaska Power Plant Equity Funding	<u>10,000,000</u>	<u>10,000,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
35 Total Transfers Out	<u>22,500,000</u>	<u>25,222,292</u>	<u>28,350,000</u>	<u>31,482,374</u>	<u>31,482,374</u>	<u>30,880,095</u>
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	<u>14,180,142</u>	<u>14,231,718</u>	<u>12,583,124</u>	<u>-</u>	<u>10,006,056</u>	<u>-</u>
38 Total	<u>\$ 36,680,142</u>	<u>\$ 39,454,010</u>	<u>\$ 40,933,124</u>	<u>\$ 31,482,374</u>	<u>\$ 41,488,430</u>	<u>\$ 30,880,095</u>
39 Debt Service Coverage Ratio	2.97	3.08	3.18	2.56	3.21	2.57

ELECTRIC REVENUES & REQUIREMENTS FY 2015 – FY 2019

	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Amended Budget	FY 2018 Unaudited Actual	FY 2019 Approved Budget
1 Operating Revenues	\$ 143,337,388	\$ 138,732,989	\$ 152,180,837	\$ 149,409,700	\$ 154,599,958	\$ 151,044,597
2 Off-system Sales Revenues	12,182,728	16,397,987	9,348,488	7,500,000	10,301,775	8,250,000
3 Net Operating Revenues	<u>155,520,116</u>	<u>155,130,976</u>	<u>161,529,325</u>	<u>156,909,700</u>	<u>164,901,733</u>	<u>159,294,597</u>
4 Interest from Investments	412,754	585,697	898,840	900,000	1,606,231	1,260,000
5 Other Revenues	9,216,194	7,366,145	11,520,798	9,052,566	11,157,602	9,367,712
6 Other Non-operating Revenues	<u>1,127,489</u>	<u>964,069</u>	<u>1,007,230</u>	<u>1,290,000</u>	<u>1,253,078</u>	<u>979,353</u>
7 Gross Revenues	<u>166,276,553</u>	<u>164,046,887</u>	<u>174,956,193</u>	<u>168,152,266</u>	<u>178,918,644</u>	<u>170,901,662</u>
8 Less:						
9 Fuel & Energy Costs	65,220,979	55,451,964	62,733,293	60,508,085	63,801,885	62,538,845
10 Off-system Sales Expenses	2,781,118	4,535,684	4,315,948	4,875,000	4,692,697	5,362,500
11 SRWA O&M	-	-	-	-	-	-
12 SRWA Debt Service	-	-	-	-	-	-
13 Adjusted Gross Revenues	<u>98,274,456</u>	<u>104,059,239</u>	<u>107,906,952</u>	<u>102,769,181</u>	<u>110,424,062</u>	<u>103,000,317</u>
14 Personnel O&M Expenses	16,676,399	20,069,923	21,717,155	21,603,631	20,875,815	22,449,333
15 Non-Personnel O&M Expenses	<u>16,324,189</u>	<u>17,036,411</u>	<u>19,273,671</u>	<u>27,407,860</u>	<u>20,410,008</u>	<u>26,956,412</u>
16 Subtotal O&M Expenses	<u>33,000,588</u>	<u>37,106,334</u>	<u>40,990,826</u>	<u>49,011,491</u>	<u>41,285,823</u>	<u>49,405,745</u>
17 Other Non-Operating Expenses	<u>(11,484)</u>	<u>270,604</u>	<u>(63,132)</u>	<u>900,000</u>	<u>218,019</u>	<u>500,000</u>
18 Balance Available for Debt Service and Other Legal Purposes	65,285,352	66,682,301	66,979,258	52,857,690	68,920,220	53,094,572
19 Debt Service:						
20 Existing	16,426,851	17,439,308	17,255,779	17,226,022	17,209,083	17,119,800
21 Commercial Paper Interest Expense	<u>8,084</u>	<u>-</u>	<u>32,898</u>	<u>360,000</u>	<u>99,089</u>	<u>274,050</u>
22 Total Debt Service & CP Expense	<u>16,434,935</u>	<u>17,439,308</u>	<u>17,288,677</u>	<u>17,586,022</u>	<u>17,308,172</u>	<u>17,393,850</u>
23 Available After Debt Service	48,850,417	49,242,993	49,690,581	35,271,668	51,612,048	35,700,722
24 Other Uses of Cash:						
25 COB Cash Transfer	5,792,088	6,559,689	7,159,916	5,715,629	7,462,640	5,999,820
26 COB Usage	<u>4,035,358</u>	<u>3,846,235</u>	<u>3,630,779</u>	<u>4,561,289</u>	<u>3,579,766</u>	<u>4,300,212</u>
27 Total Cash/Utility Benefit COB	<u>9,827,446</u>	<u>10,405,924</u>	<u>10,790,695</u>	<u>10,276,918</u>	<u>11,042,406</u>	<u>10,300,032</u>
28 Balance Available to Surplus for Transfers Out	<u>\$ 39,022,971</u>	<u>\$ 38,837,069</u>	<u>\$ 38,899,886</u>	<u>\$ 29,556,039</u>	<u>\$ 40,569,642</u>	<u>\$ 29,700,902</u>
29 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
30 Operating Subaccount-Fuel Adjustment	\$ 5,000,000	\$ 5,000,000	\$ 15,000,000	\$ 25,500,000	\$ 25,500,000	\$ 24,000,000
31 Improvement Fund- CIP Funding	7,000,000	7,200,000	11,500,000	4,056,039	5,737,338	5,700,902
32 Improvement Fund - COB USACE Program	500,000	500,000	500,000	-	-	-
33 Improvement Fund - COB USACE Resaca Blvd	-	932,292	-	-	-	-
34 Tenaska Power Plant Equity Funding	<u>10,000,000</u>	<u>10,000,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
35 Total Transfers Out	<u>22,500,000</u>	<u>23,632,292</u>	<u>27,000,000</u>	<u>29,556,039</u>	<u>31,237,338</u>	<u>29,700,902</u>
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	<u>16,522,971</u>	<u>15,204,777</u>	<u>11,899,886</u>	<u>-</u>	<u>9,332,304</u>	<u>-</u>
38 Total	<u>\$ 39,022,971</u>	<u>\$ 38,837,069</u>	<u>\$ 38,899,886</u>	<u>\$ 29,556,039</u>	<u>\$ 40,569,642</u>	<u>\$ 29,700,902</u>
39 Debt Service Coverage Ratio	3.97	3.82	3.87	3.01	3.98	3.05

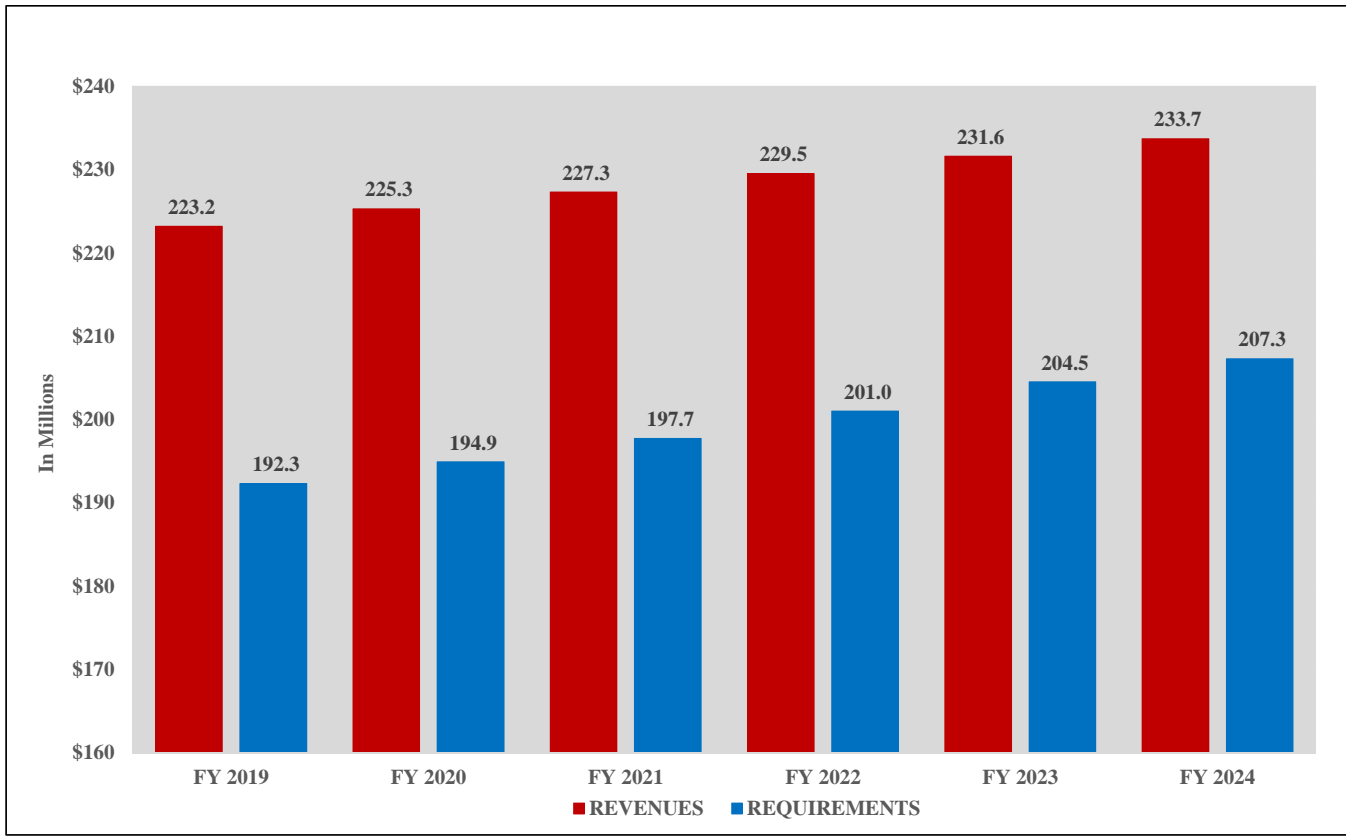
WATER REVENUES & REQUIREMENTS
FY 2015 – FY 2019

	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Amended Budget	FY 2018 Unaudited Actual	FY 2019 Approved Budget
1 Operating Revenues	\$ 21,774,560	\$ 23,420,510	\$ 25,613,846	\$ 25,512,125	\$ 25,764,387	\$ 25,734,608
2 Off-system Sales Revenues	-	-	-	-	-	-
3 Net Operating Revenues	<u>21,774,560</u>	<u>23,420,510</u>	<u>25,613,846</u>	<u>25,512,125</u>	<u>25,764,387</u>	<u>25,734,608</u>
4 Interest from Investments	137,585	192,370	280,653	300,000	497,533	420,000
5 Other Revenues	1,342,068	1,111,918	1,029,823	1,347,390	998,603	1,161,270
6 Other Non-operating Revenues	<u>219,609</u>	<u>195,933</u>	<u>194,957</u>	<u>105,000</u>	<u>200,674</u>	<u>196,498</u>
7 Gross Revenues	<u>23,473,822</u>	<u>24,920,731</u>	<u>27,119,279</u>	<u>27,264,515</u>	<u>27,461,197</u>	<u>27,512,376</u>
8 Less:						
9 Fuel & Energy Costs	-	-	-	-	-	-
10 Off-system Sales Expenses	-	-	-	-	-	-
11 SRWA O&M	3,585,642	3,752,642	3,719,365	3,844,573	3,844,573	3,818,338
12 SRWA Debt Service	<u>2,152,371</u>	<u>2,158,034</u>	<u>2,159,360</u>	<u>2,090,064</u>	<u>2,090,064</u>	<u>2,134,891</u>
13 Adjusted Gross Revenues	<u>17,735,809</u>	<u>19,010,055</u>	<u>21,240,554</u>	<u>21,329,878</u>	<u>21,526,560</u>	<u>21,559,147</u>
14 Personnel O&M Expenses	8,186,633	8,130,610	9,531,469	8,247,348	9,769,294	8,676,397
15 Non-Personnel O&M Expenses	<u>6,068,439</u>	<u>6,042,959</u>	<u>5,062,165</u>	<u>6,178,636</u>	<u>6,434,916</u>	<u>7,316,775</u>
16 Subtotal O&M Expenses	<u>14,255,072</u>	<u>14,173,569</u>	<u>14,593,634</u>	<u>14,425,984</u>	<u>16,204,210</u>	<u>15,993,172</u>
17 Other Non-Operating Expenses	<u>134,066</u>	<u>157,263</u>	<u>267,499</u>	<u>300,000</u>	<u>215,531</u>	<u>300,000</u>
18 Balance Available for Debt Service and Other Legal Purposes	3,346,671	4,679,223	6,379,421	6,603,894	5,106,819	5,265,975
19 Debt Service:						
20 Existing	3,488,421	3,477,058	3,458,201	3,449,264	3,447,387	3,434,382
21 Commercial Paper Interest Expense	<u>2,299</u>	<u>-</u>	<u>9,358</u>	<u>22,500</u>	<u>28,187</u>	<u>85,050</u>
22 Total Debt Service & CP Expense	<u>3,490,720</u>	<u>3,477,058</u>	<u>3,467,559</u>	<u>3,471,764</u>	<u>3,475,574</u>	<u>3,519,432</u>
23 Available After Debt Service	(144,049)	1,202,165	2,911,862	3,132,130	1,631,245	1,746,543
24 Other Uses of Cash:						
25 COB Cash Transfer	1,258,706	1,276,391	1,455,808	1,450,831	1,509,120	1,485,282
26 COB Usage	<u>514,875</u>	<u>624,615</u>	<u>668,247</u>	<u>682,157</u>	<u>643,536</u>	<u>670,633</u>
27 Total Cash/Utility Benefit COB	<u>1,773,581</u>	<u>1,901,006</u>	<u>2,124,055</u>	<u>2,132,988</u>	<u>2,152,656</u>	<u>2,155,915</u>
28 Balance Available to Surplus for Transfers Out	<u>\$ (1,917,630)</u>	<u>\$ (698,841)</u>	<u>\$ 787,807</u>	<u>\$ 1,681,299</u>	<u>\$ (521,411)</u>	<u>\$ 261,261</u>
29 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
30 Operating Subaccount-Fuel Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31 Improvement Fund- CIP Funding	-	750,000	1,350,000	1,681,299	-	261,261
32 Improvement Fund - COB USACE Program	-	-	-	-	-	-
33 Improvement Fund - COB USACE Resaca Blvd	-	150,000	-	-	-	-
34 Tenaska Power Plant Equity Funding	-	-	-	-	-	-
35 Total Transfers Out	<u>-</u>	<u>900,000</u>	<u>1,350,000</u>	<u>1,681,299</u>	<u>-</u>	<u>261,261</u>
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	<u>(1,917,630)</u>	<u>(1,598,841)</u>	<u>(562,193)</u>	<u>-</u>	<u>(521,411)</u>	<u>-</u>
38 Total	<u>\$ (1,917,630)</u>	<u>\$ (698,841)</u>	<u>\$ 787,807</u>	<u>\$ 1,681,299</u>	<u>\$ (521,411)</u>	<u>\$ 261,261</u>
39 Debt Service Coverage Ratio	0.96	1.35	1.84	1.90	1.47	1.50

WASTEWATER REVENUES & REQUIREMENTS
FY 2015 – FY 2019

	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual	FY 2018 Amended Budget	FY 2018 Unaudited Actual	FY 2019 Approved Budget
1 Operating Revenues	\$ 21,554,127	\$ 22,237,428	\$ 22,770,133	\$ 23,233,202	\$ 22,939,361	\$ 23,593,845
2 Off-system Sales Revenues	-	-	-	-	-	-
3 Net Operating Revenues	<u>21,554,127</u>	<u>22,237,428</u>	<u>22,770,133</u>	<u>23,233,202</u>	<u>22,939,361</u>	<u>23,593,845</u>
4 Interest from Investments	137,585	192,370	280,653	300,000	497,533	420,000
5 Other Revenues	592,121	575,618	561,341	663,700	554,187	576,360
6 Other Non-operating Revenues	<u>204,348</u>	<u>192,436</u>	<u>193,573</u>	<u>105,000</u>	<u>194,027</u>	<u>192,655</u>
7 Gross Revenues	<u>22,488,181</u>	<u>23,197,852</u>	<u>23,805,700</u>	<u>24,301,902</u>	<u>24,185,108</u>	<u>24,782,860</u>
8 Less:						
9 Fuel & Energy Costs	-	-	-	-	-	-
10 Off-system Sales Expenses	-	-	-	-	-	-
11 SRWA O&M	-	-	-	-	-	-
12 SRWA Debt Service	-	-	-	-	-	-
13 Adjusted Gross Revenues	<u>22,488,181</u>	<u>23,197,852</u>	<u>23,805,700</u>	<u>24,301,902</u>	<u>24,185,108</u>	<u>24,782,860</u>
14 Personnel O&M Expenses	8,410,051	8,693,106	9,902,406	10,322,278	10,065,596	10,435,509
15 Non-Personnel O&M Expenses	<u>6,234,024</u>	<u>5,724,678</u>	<u>5,022,986</u>	<u>6,326,796</u>	<u>4,971,215</u>	<u>6,052,306</u>
16 Subtotal O&M Expenses	<u>14,644,075</u>	<u>14,417,784</u>	<u>14,925,392</u>	<u>16,649,074</u>	<u>15,036,811</u>	<u>16,487,815</u>
17 Other Non-Operating Expenses	<u>327,860</u>	<u>122,009</u>	<u>232,735</u>	<u>300,000</u>	<u>278,058</u>	<u>300,000</u>
18 Balance Available for Debt Service and Other Legal Purposes	7,516,246	8,658,059	8,647,573	7,352,828	8,870,239	7,995,045
19 Debt Service:						
20 Existing	5,689,341	5,022,492	5,008,192	4,999,332	4,971,226	4,822,208
21 Commercial Paper Interest Expense	<u>3,288</u>	<u>-</u>	<u>13,380</u>	<u>22,500</u>	<u>40,303</u>	<u>113,400</u>
22 Total Debt Service & CP Expense	<u>5,692,629</u>	<u>5,022,492</u>	<u>5,021,572</u>	<u>5,021,832</u>	<u>5,011,529</u>	<u>4,935,608</u>
23 Available After Debt Service	1,823,618	3,635,567	3,626,001	2,330,996	3,858,710	3,059,437
24 Other Uses of Cash:						
25 COB Cash Transfer	1,989,310	1,986,523	2,050,483	2,085,960	2,093,090	2,141,505
26 COB Usage	<u>259,508</u>	<u>333,262</u>	<u>330,087</u>	<u>344,230</u>	<u>325,421</u>	<u>336,782</u>
27 Total Cash/Utility Benefit COB	<u>2,248,818</u>	<u>2,319,785</u>	<u>2,380,570</u>	<u>2,430,190</u>	<u>2,418,511</u>	<u>2,478,286</u>
28 Balance Available to Surplus for Transfers Out	<u>\$ (425,200)</u>	<u>\$ 1,315,782</u>	<u>\$ 1,245,431</u>	<u>\$ 245,036</u>	<u>\$ 1,440,199</u>	<u>\$ 917,932</u>
29 Proposed Uses of Balance Available for Transfers Out:						
30 Operating Subaccount-Fuel Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31 Improvement Fund- CIP Funding	-	540,000	-	245,036	245,036	917,932
32 Improvement Fund - COB USACE Program	-	-	-	-	-	-
33 Improvement Fund - COB USACE Resaca Blvd	-	150,000	-	-	-	-
34 Tenaska Power Plant Equity Funding	-	-	-	-	-	-
35 Total Transfers Out	<u>-</u>	<u>690,000</u>	<u>-</u>	<u>245,036</u>	<u>245,036</u>	<u>917,932</u>
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	<u>(425,200)</u>	<u>625,782</u>	<u>1,245,431</u>	<u>-</u>	<u>1,195,163</u>	<u>-</u>
38 Total	<u>\$ (425,200)</u>	<u>\$ 1,315,782</u>	<u>\$ 1,245,431</u>	<u>\$ 245,036</u>	<u>\$ 1,440,199</u>	<u>\$ 917,932</u>
39 Debt Service Coverage Ratio	1.32	1.72	1.72	1.46	1.77	1.62

**PROJECTED REVENUES & REQUIREMENTS
FY 2019 – FY 2024**



The five year forecast was developed using the following assumptions:

- Sales & Service to Customers reflect a 1% annual growth rate
- Off System Sales Revenue and Other Operating & Non-Operating Revenues primarily include ERCOT related transactions, which are unpredictable and, therefore, are conservatively forecasted based on historical averages.
- Interest from Investments have increased recently based on changing market conditions but are forecasted to be relatively flat going forward.
- Market driven Electric Fuel & Energy Costs were higher in FY 2017 vs prior years and are forecasted to increase 2% annually to reflect this trend.
- SRWA and O&M expenses are forecasted to increase by 1.3% annually based on five year average national inflation rates.
- Other Non-Operating Expenses have and should continue to remain relatively flat.
- Debt Service will decline from year to year until an anticipated new issue of approximately \$30 to \$50 million is issued in FY 2021 to convert Commercial Paper to long term debt.
- The City Cash Transfer fund is based on Adjusted Gross Revenues and is forecasted to increase at a rate of 1% annually.

***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.

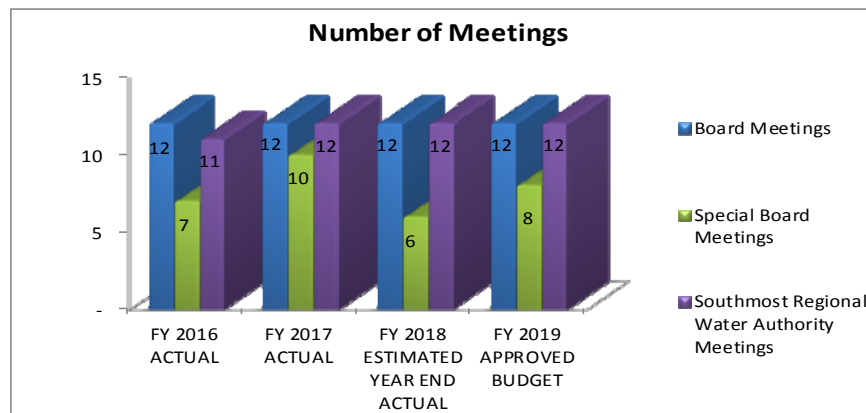
INPUT MEASURES

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

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE)	3	3	3	3
O&M Personnel Expenses	\$ 425,810	\$ 512,498	\$ 452,434	\$ 417,099
O&M Non-Personnel Expenses	\$ 1,114,299	\$ 1,605,350	\$ 1,373,831	\$ 1,243,300
Total O&M Expenses	\$ 1,540,109	\$ 2,117,848	\$ 1,826,265	\$ 1,660,399

OUTPUT MEASURES

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



DEPARTMENT 1110 - GENERAL MANAGER

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 215,737	\$ 213,144	\$ 269,541	\$ 264,626	\$ 264,555	\$ 264,626
6110 Clerical staff	90,755	99,464	87,928	82,181	83,732	82,181
6130 Overtime	5,826	3,805	4,568	3,556	2,987	2,667
6201 T.M.R.S.	41,723	53,898	65,394	61,974	64,269	15,215
6205 F.I.C.A.	11,831	12,682	12,588	21,502	12,410	21,502
6210 Medicare	4,534	4,717	5,407	5,029	5,270	5,029
6214 Dental Insurance	738	779	766	809	786	809
6215 Hospitalization insurance	18,274	21,084	18,695	17,885	17,374	17,885
6220 Life Insurance	392	398	425	337	359	372
6221 Long Term Disability Insurance	810	819	896	694	292	694
6225 Workers Compensation	8,941	8,738	9,250	8,670	8,984	8,670
6230 Vacation leave	(15,591)	(2,358)	9,275	4,196	(17,499)	4,428
6235 Sick leave	(71,794)	(361)	18,766	4,613	(86)	4,871
6242 Auto Benefits	9,289	9,000	9,000	9,000	9,000	9,000
6260 Vacancy Savings	-	-	-	(23,185)	-	(20,849)
<i>O&M PERSONNEL TOTAL</i>	<u>321,465</u>	<u>425,810</u>	<u>512,498</u>	<u>461,887</u>	<u>452,434</u>	<u>417,099</u>
<i>O&M NON-PERSONNEL</i>						
7102 Sponsorships	49,470	35,650	37,200	25,000	42,200	44,200
7105 Books & periodicals	-	-	5,000	-	-	-
7110 Dues & memberships	40,993	26,439	2,595	8,500	1,774	8,500
7120 Office supplies	3,379	1,463	2,286	4,500	3,433	4,500
7130 Postage/shipping charges	366	315	145	300	347	300
7140 Training expenses	3,105	1,150	600	2,000	1,918	2,000
7145 Travel expenses	20,003	10,275	14,473	12,250	8,078	12,250
7299 Other materials & supplies	749	921	879	750	1,013	750
7315 Food, meals, ice, water	1,242	1,416	2,488	1,500	2,826	1,500
7320 Official functions	1,005	200	600	-	960	-
7601 Legal Fees	981,168	1,036,357	1,535,509	984,500	1,293,068	1,100,000
7605 Engineering fees	-	-	2,520	42,500	11,620	42,500
7699 Other services	44,510	-	-	50,000	5,950	25,000
7805 Computer equipment	-	113	65	300	-	300
7820 Office furniture & equipment	668	-	991	1,500	642	1,500
7899 Other minor tools & equipment	2,060	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>1,148,718</u>	<u>1,114,299</u>	<u>1,605,350</u>	<u>1,133,600</u>	<u>1,373,831</u>	<u>1,243,300</u>
	1,470,183	1,540,109	2,117,848	1,595,487	1,826,265	1,660,399



Department Responsibility: Melida Pinales, CFE

Title: Audit Manager

Telephone Ext: 6269

Dept. No: 1120

**PERFORMANCE MEASURES
FOR THE
INTERNAL AUDIT DEPARTMENT**

Department Function:

The responsibilities of the Internal Audit Department include 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 Internal Audit Charter defines what the Board of Directors and Executive Management can expect from the Internal Audit Department and directs the efforts on the internal audit 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 perform audits for the fiscal year that bear usefulness for other departments increasing efficiencies and effectiveness through findings, recommendations and follow-ups.

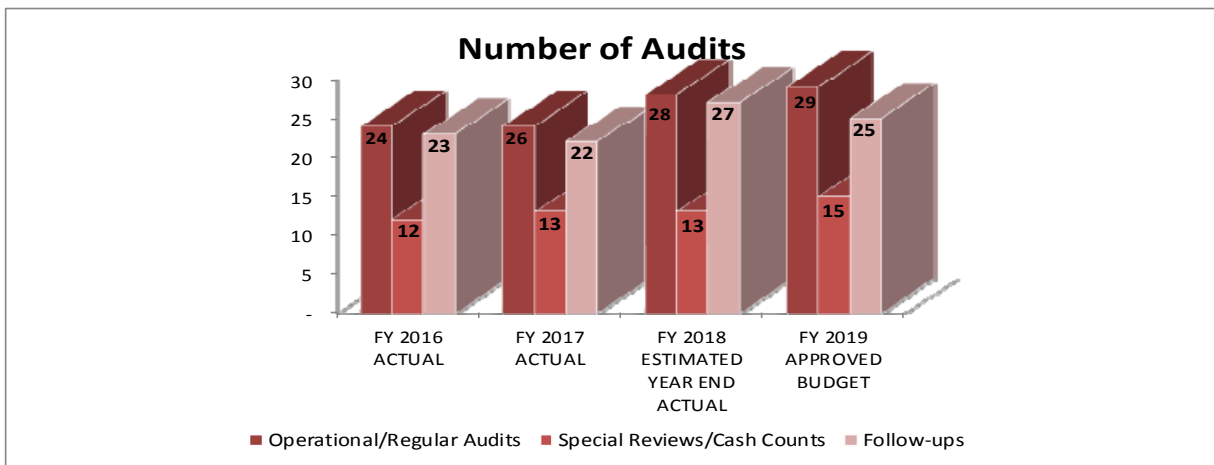
INPUT MEASURES

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

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE)	3	3	3	3
O&M Personnel Expenses	\$ 275,003	\$ 291,361	\$ 293,342	\$ 289,823
O&M Non-Personnel Expenses	\$ 13,676	\$ 9,913	\$ 14,709	\$ 22,557
Total O&M Expenses	\$ 288,679	\$ 301,274	\$ 308,051	\$ 312,380

OUTPUT MEASURES

Operational/Regular Audits
Special Reviews/Cash Counts
Findings/Recommendations
Follow-ups
Board Meetings
Presentations to Audit Committee



DEPARTMENT 1120 - INTERNAL AUDIT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 72,835	\$ 73,977	\$ 79,592	\$ 80,122	\$ 81,600	\$ 84,926
6105 Administrative Staff	116,824	119,968	125,496	125,778	125,778	125,778
6201 T.M.R.S.	25,814	32,242	35,950	36,794	37,088	37,653
6205 F.I.C.A.	11,306	11,497	11,972	12,766	12,251	13,064
6210 Medicare	2,644	2,689	2,800	2,986	2,865	3,055
6214 Dental Insurance	818	804	803	837	815	837
6215 Hospitalization insurance	23,739	26,010	26,702	27,892	27,150	27,892
6220 Life Insurance	254	256	267	211	226	237
6221 Long Term Disability Insurance	502	507	541	412	175	421
6225 Workers Compensation	4,741	4,854	5,079	5,147	5,184	5,268
6230 Vacation leave	(4,060)	(367)	(1,153)	2,491	3,142	2,690
6235 Sick leave	2,113	2,567	3,310	2,738	(2,931)	2,959
6260 Vacancy Savings	-	-	-	(14,647)	-	(14,957)
<i>O&M PERSONNEL TOTAL</i>	<u>257,529</u>	<u>275,003</u>	<u>291,361</u>	<u>283,526</u>	<u>293,342</u>	<u>289,823</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	269	192	52	700	1,510	1,500
7110 Dues & memberships	1,920	2,324	1,914	2,734	1,854	2,854
7120 Office supplies	1,410	904	954	1,500	873	1,500
7140 Training expenses	140	4,588	2,235	5,825	4,055	6,405
7145 Travel expenses	1,546	4,042	3,181	5,066	4,899	8,398
7225 Safety supplies	-	74	-	100	-	100
7299 Other materials & supplies	62	-	-	-	14	-
7315 Food, meals, ice, water	68	417	210	250	215	500
7335 Wearing apparel & dry goods	546	547	643	515	745	300
7415 Fuels & lubricants	117	152	123	500	194	500
7805 Computer equipment	-	437	-	250	-	500
7820 Office furniture & equipment	-	-	600	200	350	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>6,078</u>	<u>13,676</u>	<u>9,913</u>	<u>17,640</u>	<u>14,709</u>	<u>22,557</u>
	263,607	288,679	301,274	301,166	308,051	312,380



B R O W N S V I L L E
PUBLIC UTILITIES BOARD

Department Responsibility: Eduardo Campirano Jr.
Title: Bus Dev & Key Accounts Manager
Telephone Ext: 6242
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.

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 28,911	\$ 46,898	\$ 48,328	\$ 48,812	\$ 48,821	\$ 48,822
6105 Administrative Staff	45,639	81,728	122,362	122,637	122,637	122,637
6110 Clerical staff	13,540	22,373	20,241	23,694	-	-
6130 Overtime	571	807	897	854	-	-
6201 T.M.R.S.	13,826	25,406	33,590	34,872	30,663	30,640
6205 F.I.C.A.	6,168	8,907	11,072	12,099	9,902	10,630
6206 Suta	290	97	-	-	-	-
6210 Medicare	1,443	2,083	2,589	2,830	2,316	2,486
6214 Dental Insurance	517	890	1,044	1,116	868	893
6215 Hospitalization insurance	12,458	26,832	33,898	35,937	30,157	31,003
6220 Life Insurance	132	211	258	210	193	199
6221 Long Term Disability Insurance	252	402	503	390	145	343
6225 Workers Compensation	5,227	4,750	4,746	4,879	4,286	4,286
6230 Vacation leave	7,036	2,381	204	2,361	4,793	2,189
6235 Sick leave	13,991	1,159	2,847	2,595	(695)	2,408
6260 Vacancy Savings	-	-	-	(14,374)	-	(12,597)
<i>O&M PERSONNEL TOTAL</i>	<u>150,002</u>	<u>224,924</u>	<u>282,579</u>	<u>278,911</u>	<u>254,087</u>	<u>243,940</u>

DEPARTMENT 1125 - KEY ACCOUNT MARKETING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	11,343	12,359	1,230	12,500	10,845	12,500
7102 Sponsorships	-	-	-	2,000	-	-
7105 Books & periodicals	56	106	-	300	-	250
7110 Dues & memberships	1,060	900	-	600	-	500
7120 Office supplies	1,659	2,129	587	1,600	1,273	1,800
7130 Postage/shipping charges	30	61	151	1,500	46	1,500
7135 Telephone expenses	-	89	-	600	-	600
7140 Training expenses	1,787	1,023	4,956	3,890	3,313	3,890
7145 Travel expenses	2,278	3,959	6,024	5,000	5,503	5,000
7147 Mileage Reimbursement (InTownExp)	-	-	28	250	-	250
7299 Other materials & supplies	-	215	10	250	-	250
7315 Food, meals, ice, water	3,814	1,846	3,894	3,000	308	3,000
7320 Official functions	7,396	3,469	8,902	8,000	6,895	11,235
7415 Fuels & lubricants	596	494	834	800	924	800
7635 Software maintenance service fees	806	438	700	3,400	-	7,858
7699 Other services	3,077	5,317	22,255	16,310	3,366	58,660
7805 Computer equipment	53	-	1,462	1,275	-	1,275
7806 Software licenses-new	955	-	-	1,500	-	1,500
7820 Office furniture & equipment	3,575	883	4,143	1,200	376	1,200
<i>O&M NON-PERSONNEL TOTAL</i>	<u>38,486</u>	<u>33,288</u>	<u>55,176</u>	<u>63,975</u>	<u>32,851</u>	<u>112,068</u>
	188,488	258,212	337,755	342,886	286,938	356,008



Department Responsibility: Lucila C. Hernandez

Title: Director of Communication & Admin. Svc.

Telephone Ext: 6280

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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 125,489	\$ 125,335	\$ 128,524	\$ 128,844	\$ 128,856	\$ 128,856
6110 Clerical staff	28,839	27,016	28,113	29,869	19,028	29,869
6130 Overtime	816	1,426	1,197	1,185	340	1,185
6201 T.M.R.S.	21,120	26,948	29,503	28,362	28,775	28,364
6205 F.I.C.A.	9,298	8,857	9,358	9,840	9,223	9,841
6210 Medicare	2,321	2,351	2,399	2,301	2,296	2,302
6214 Dental Insurance	525	511	522	558	449	558
6215 Hospitalization insurance	14,631	13,349	13,967	14,837	13,945	17,339
6220 Life Insurance	202	199	201	160	154	176
6221 Long Term Disability Insurance	407	401	410	317	117	317
6225 Workers Compensation	4,108	4,091	4,169	3,968	4,036	3,968
6230 Vacation leave	(2,600)	(4,197)	2,051	1,920	3,395	2,027
6235 Sick leave	(1,274)	1,533	(206)	2,111	2,130	2,229
6242 Auto Benefits	7,500	7,462	7,500	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,672	1,680	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(10,953)	-	(11,079)
<i>O&M PERSONNEL TOTAL</i>	<u>213,062</u>	<u>216,954</u>	<u>229,387</u>	<u>222,499</u>	<u>221,924</u>	<u>225,132</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	-	-	426	-	-	-
7105 Books & periodicals	-	207	-	500	-	500
7110 Dues & memberships	195	844	846	1,000	336	1,000
7115 Educational material	-	-	-	200	-	200
7120 Office supplies	1,769	1,253	1,175	3,500	1,024	3,500
7130 Postage/shipping charges	-	57	246	600	62	600
7135 Telephone expenses	-	-	-	1,000	-	1,000
7140 Training expenses	375	2,269	999	2,500	600	2,725
7145 Travel expenses	1,223	6,991	687	5,000	5,462	5,600
7215 Laundry & janitorial supplies	-	41	-	-	-	-

DEPARTMENT 1130 - COMMUNICATIONS AND ADMINISTRATIVE SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
7225 Safety supplies	181	-	23	250	33	250
7299 Other materials & supplies	-	341	182	500	429	500
7315 Food, meals, ice, water	962	1,165	1,352	1,500	1,189	1,500
7320 Official functions	-	-	-	-	923	-
7325 Rental of equip/storage/land	3,302	5,018	4,270	5,500	3,760	6,875
7335 Wearing apparel & dry goods	-	33	-	-	-	-
7601 Legal Fees	740	11,335	-	5,000	635	5,000
7645 Maintenance services	16,049	17,141	17,179	25,000	18,275	25,000
7805 Computer equipment	-	406	-	-	-	-
7820 Office furniture & equipment	-	714	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>24,796</u>	<u>47,816</u>	<u>27,386</u>	<u>52,050</u>	<u>32,727</u>	<u>54,250</u>
	237,858	264,770	256,773	274,549	254,651	279,382



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 Lobby Presentations (per BPUB TV)
 Sponsorships Conducted within Policy
 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

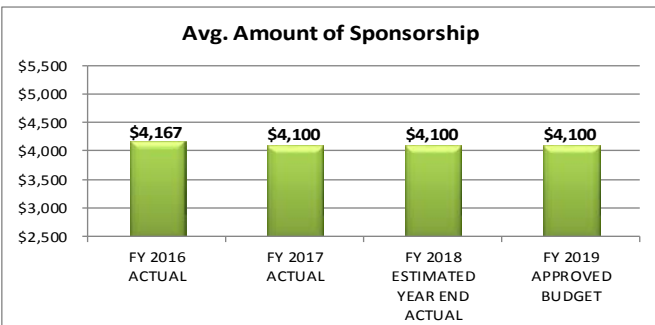
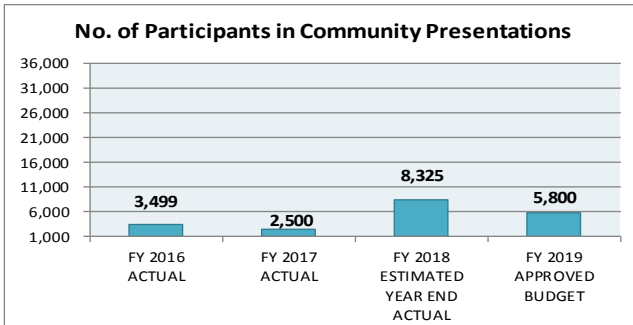
OUTCOME MEASURES

Public Information Campaigns Conducted
 No. of Participants in Community Presentations
 No. of Participants in Tours
 No. of Participants in Safety Presentations
 No. of Participants in Lobby Presentations
 No. of Bill Inserts Distributed (Including CCR)
 Customer Online Engagement* (Based on Social+Website Analytics)

EFFICIENCY MEASURES

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

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees	4	4	4	4
Total O&M Expenses	\$ 735,295	\$ 804,296	\$ 815,899	\$ 1,401,066
Operational Reports (Outreach Report/Communications & PR Report)	12	12	12	12
No. of Community Presentations	175	99	90	55
No. of Tours	23	20	25	28
No. of Safety Presentations (including lobby video)	35	30	35	35
No. of Lobby Presentations (per BPUB TV)	20	20	20	20
Sponsorships Conducted within Policy	31	28	28	25
No. of Weekly Connections Produced	31	31	31	31
No. of Family Connections Produced	6	6	6	6
No. of PUBCAP Meetings	11	11	11	10
No. of Bill Inserts Produced	11	11	11	11
Water Consumer Confidence Report (CCR) Produced and Distributed Within Regulations	63,400	64,000	64,000	64,000
Public Information Campaigns Conducted	12	12	12	7
No. of Participants in Community Presentations	3,499	2,500	8,325	5,800
No. of Participants in Tours	290	300	250	270
No. of Participants in Safety Presentations	1,135	1,100	2,300	2,300
No. of Participants in Lobby Presentations	100	150	150	150
No. of Bill Inserts Distributed (Including CCR)	618,600	618,600	618,600	619,000
Customer Online Engagement* (Based on Social+Website Analytics)	191,364	191,364	33,059	50,000
Avg. No. of Outreach Contacts (Media/Communications)	198 Media/Comm	200	200	200
Avg. Amount of Sponsorship	\$ 4,167	\$ 4,100	\$ 4,100	\$ 4,100



* BPUB now uses online analytics tools to measure actual visitor click-throughs. FY 2016-17 is more accurate data, rather than averages.

DEPARTMENT 1135 - COMMUNICATIONS AND PUBLIC RELATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 84,194	\$ 72,565	\$ 71,973	\$ 72,134	\$ 72,134	\$ 72,134
6105 Administrative Staff	106,293	129,634	150,796	155,875	159,679	162,469
6201 T.M.R.S.	26,129	33,873	39,026	40,745	42,399	41,924
6205 F.I.C.A.	11,520	12,099	13,199	14,137	14,211	14,545
6210 Medicare	2,694	2,830	3,087	3,306	3,323	3,402
6214 Dental Insurance	922	989	1,075	1,116	1,086	1,116
6215 Hospitalization insurance	25,353	30,087	32,909	34,059	33,141	34,059
6220 Life Insurance	263	275	298	240	258	269
6221 Long Term Disability Insurance	513	535	589	456	193	469
6225 Workers Compensation	4,806	5,070	5,514	5,700	5,926	5,865
6230 Vacation leave	2,159	613	576	2,759	2,829	2,995
6235 Sick leave	(3,071)	2,464	6,359	3,033	11,755	3,295
6260 Vacancy Savings	-	-	-	(16,388)	-	(16,813)
<i>O&M PERSONNEL TOTAL</i>	<u>261,774</u>	<u>291,035</u>	<u>325,399</u>	<u>317,173</u>	<u>346,934</u>	<u>325,730</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	187,998	138,739	140,892	275,000	135,697	419,000
7102 Sponsorships	130,625	121,100	123,450	75,000	119,600	154,500
7105 Books & periodicals	66	-	-	200	-	100
7110 Dues & memberships	3,455	3,205	4,566	2,315	4,153	2,800
7115 Educational material	2,145	40	-	18,000	-	18,000
7120 Office supplies	2,314	779	1,217	3,000	600	3,000
7125 Photo equipment/supplies	-	-	811	6,800	41	17,800
7130 Postage/shipping charges	198	319	108	200	131	100
7135 Telephone expenses	-	-	-	912	-	100
7140 Training expenses	2,521	2,935	3,755	3,000	1,784	3,000
7145 Travel expenses	1,311	11,865	2,311	8,000	8,428	19,000
7199 Miscellaneous office expenses	-	-	139	2,000	-	2,000
7215 Laundry & janitorial supplies	639	705	303	800	150	500
7225 Safety supplies	212	1,032	317	200	286	200
7299 Other materials & supplies	4,503	2,665	1,108	3,000	1,167	3,000
7315 Food, meals, ice, water	1,744	1,332	1,438	4,500	2,796	4,500
7320 Official functions	23,485	23,320	20,592	59,000	15,862	54,000
7325 Rental of equip/storage/land	5,062	8,031	2,236	11,000	3,851	11,000
7335 Wearing apparel & dry goods	316	189	-	1,100	202	1,000
7415 Fuels & lubricants	308	307	267	500	197	700
7601 Legal Fees	-	120	-	-	-	-
7645 Maintenance services	-	-	-	250	-	250
7699 Other services	72,452	125,968	174,599	379,200	168,922	354,500
7805 Computer equipment	1,160	754	12	3,286	2,832	3,636
7806 Software licenses-new	2,427	240	744	2,650	1,704	2,650
7820 Office furniture & equipment	144	613	30	-	562	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>443,086</u>	<u>444,260</u>	<u>478,897</u>	<u>859,913</u>	<u>468,965</u>	<u>1,075,336</u>
	704,860	735,295	804,296	1,177,086	815,899	1,401,066



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Marisa P. Gaytan

Title: Organizational Development Manager

Telephone Ext: 6241

Dept. No. 1140

**PERFORMANCE MEASURES
FOR THE
ORGANIZATIONAL DEVELOPMENT DEPARTMENT**

Department Function:

This department is a strategic partner with the organization's mission and vision to increase organizational effectiveness and offer exceptional customer service in managing complex change and growth.

Department Goals/Objectives:

The department focus is on developing the people within the organization across all departments through a variety of activities, including succession planning, organizational assessments, executive and employee development and coaching, mediation and conflict resolution, operational review and process improvement, conference planning and facilitation, strategic planning and project management, team development, meeting facilitation, and customized training.

INPUT MEASURES

Employees (FTEs)
O&M Non-Personnel Expenses

OUTPUT MEASURES

Number of Individual Online/Self-Paced Courses Completed by Employees
Total Training Hours in All Categories
Employees Who Attended Training/Workshops

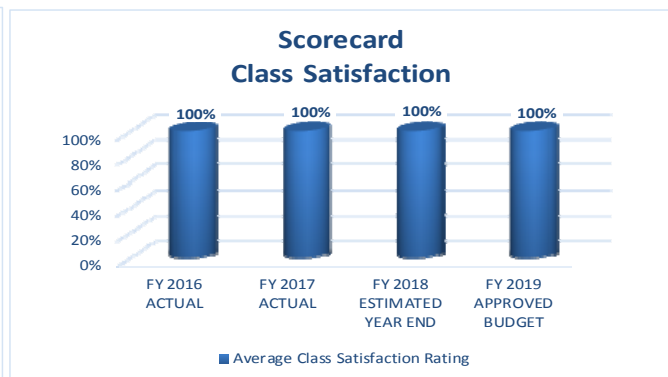
OUTCOME MEASURES

Number of Employees Participating - Book of the Month
Number of Courses/Workshops
Number of Leadership Academy Participants
% of In-House Classes/Workshops
% of Outsourced Classes/Workshops
% of Online Classes
% of Employees Who Report New Learning That Will Help Them on the Job

EFFICIENCY MEASURES

Average Class Satisfaction Rating
Average Training Hours Per Employee

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END	FY 2019 APPROVED BUDGET
Employees (FTEs)	3	3	3	3
O&M Non-Personnel Expenses	\$ 93,314	\$ 76,778	\$ 149,851	\$ 154,150
Number of Individual Online/Self-Paced Courses Completed by Employees	159	718	700	725
Total Training Hours in All Categories	5,320	5,005	5,075	5,100
Employees Who Attended Training/Workshops	625	616	620	625
Number of Employees Participating - Book of the Month	N/A	24	24	30
Number of Courses/Workshops	191	458	470	480
Number of Leadership Academy Participants	-	26	52	30
% of In-House Classes/Workshops	25%	7%	9%	10%
% of Outsourced Classes/Workshops	12%	5%	15%	15%
% of Online Classes	63%	88%	76%	75%
% of Employees Who Report New Learning That Will Help Them on the Job	100%	100%	100%	100%
Average Class Satisfaction Rating	100%	100%	100%	100%
Average Training Hours Per Employee	9	8	8	8



DEPARTMENT 1140 - ORGANIZATIONAL DEVELOPMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 70,178	\$ 70,212	\$ 70,697	\$ 72,010	\$ 71,227	\$ 72,010
6105 Administrative Staff	105,444	108,397	85,931	122,138	121,450	122,138
6130 Overtime	-	-	-	-	-	1,000
6201 T.M.R.S.	23,904	29,700	27,822	34,694	34,458	34,694
6205 F.I.C.A.	10,517	10,657	9,347	12,037	11,709	12,037
6210 Medicare	2,460	2,492	2,186	2,815	2,738	2,815
6214 Dental Insurance	818	804	643	837	809	837
6215 Hospitalization insurance	19,733	21,628	19,572	25,699	21,342	21,004
6220 Life Insurance	237	238	203	201	212	220
6221 Long Term Disability Insurance	464	467	410	388	162	388
6225 Workers Compensation	4,391	4,473	3,956	4,854	4,817	4,854
6230 Vacation leave	(1,033)	(960)	2,834	2,349	(820)	2,479
6235 Sick leave	1,054	(2,586)	2,373	2,582	1,262	2,727
6260 Vacancy Savings	-	-	-	(13,784)	-	(13,550)
<i>O&M PERSONNEL TOTAL</i>	<u>238,166</u>	<u>245,523</u>	<u>225,975</u>	<u>266,819</u>	<u>269,366</u>	<u>263,652</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	397	13	792	500	271	500
7110 Dues & memberships	1,751	1,915	2,068	2,100	4,483	3,100
7115 Educational material	14,556	15,752	14,418	17,500	16,941	2,600
7120 Office supplies	2,782	510	1,444	2,400	1,943	2,400
7130 Postage/shipping charges	-	-	29	200	-	200
7135 Telephone expenses	-	-	-	1,250	-	1,250
7140 Training expenses	445	3,895	2,444	4,000	1,570	4,000
7145 Travel expenses	2,038	5,539	3,064	4,000	4,917	4,000
7147 Mileage Reimbursement (InTownExp)	-	24	-	150	19	150
7299 Other materials & supplies	97	179	274	500	250	500
7315 Food, meals, ice, water	1,798	1,070	1,164	2,500	942	2,500
7322 Recognition Program	517	50	240	500	228	500
7325 Rental of equip/storage/land	1,056	1,056	1,056	1,200	1,056	1,200
7415 Fuels & lubricants	-	-	-	200	-	200
7635 Software maintenance service fees	26,133	6,014	6,386	7,400	6,300	7,550
7699 Other services	45,205	53,446	42,752	207,000	110,820	120,000
7805 Computer equipment	-	-	56	1,200	111	3,400
7806 Software licenses-new	-	975	590	100	-	100
7820 Office furniture & equipment	-	2,875	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>96,774</u>	<u>93,314</u>	<u>76,778</u>	<u>252,700</u>	<u>149,851</u>	<u>154,150</u>
	334,940	338,837	302,753	519,519	419,217	417,802



B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D



Department Responsibility: James McCann, P.E.

Title: Director of Electrical Systems

Telephone Ext: 6204

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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 12,924	\$ 228,353	\$ 272,347	\$ 272,958	\$ 274,554	\$ 272,958
6110 Clerical staff	650	11,499	34,615	33,800	34,688	33,800
6130 Overtime	3	139	155	171	141	195
6201 T.M.R.S.	3,958	42,723	55,725	54,818	56,972	54,818
6205 F.I.C.A.	669	14,014	16,852	19,019	17,467	19,019
6210 Medicare	426	3,533	4,474	4,448	4,578	4,448
6214 Dental Insurance	37	544	804	837	814	837
6215 Hospitalization insurance	1,112	19,424	26,917	27,892	25,744	25,699
6220 Life Insurance	19	294	387	302	322	333
6221 Long Term Disability Insurance	39	609	808	614	259	614
6225 Workers Compensation	742	6,224	7,874	7,669	7,964	7,669
6230 Vacation leave	673	1,783	1,915	3,712	1,075	3,917
6235 Sick leave	673	45,164	1,290	4,080	3,921	4,308
6242 Auto Benefits	1,442	7,212	7,500	7,500	7,500	7,500
6243 Telephone Benefits	323	1,616	1,680	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(21,118)	-	(21,010)
<i>O&M PERSONNEL TOTAL</i>	<i>23,691</i>	<i>383,130</i>	<i>433,345</i>	<i>418,381</i>	<i>437,681</i>	<i>416,785</i>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	79	303	400	-	400
7110 Dues & memberships	-	536	1,166	800	2,399	2,750
7120 Office supplies	-	464	897	800	1,112	1,150
7130 Postage/shipping charges	-	-	152	300	25	300
7140 Training expenses	-	822	939	1,245	1,685	1,840
7145 Travel expenses	695	11,330	5,996	4,066	5,933	4,775
7225 Safety supplies	-	-	210	100	15	100
7299 Other materials & supplies	-	-	194	200	192	200
7315 Food, meals, ice, water	-	25	649	500	201	500
7605 Engineering fees	2,788	-	-	-	-	-
7635 Software maintenance service fees	-	1,355	7,487	8,500	2,318	6,500
7699 Other services	(32,500)	75	-	200	-	200
7805 Computer equipment	-	-	42	475	-	325
7806 Software licenses-new	-	778	-	500	306	500
7820 Office furniture & equipment	-	-	-	350	500	500
7899 Other minor tools & equipment	-	399	485	850	-	850
<i>O&M NON-PERSONNEL TOTAL</i>	<i>(29,018)</i>	<i>15,862</i>	<i>18,520</i>	<i>19,286</i>	<i>14,686</i>	<i>20,890</i>
	<i>(5,327)</i>	<i>398,992</i>	<i>451,865</i>	<i>437,667</i>	<i>452,367</i>	<i>437,675</i>

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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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	\$ 83,257	\$ 89,937	\$ 121,501	\$ 60,000	\$ 99,678	\$ 60,000
7120 Office supplies	2,309	1,398	90	2,750	172	2,750
7140 Training expenses	14,810	3,080	1,650	5,025	3,220	5,025
7145 Travel expenses	40,946	21,684	23,673	25,000	18,334	25,000
7299 Other materials & supplies	370	574	308	500	-	500
7315 Food, meals, ice, water	7,287	4,508	4,896	9,000	7,118	9,000
7320 Official functions	2,500	1,323	345	-	-	-
7601 Legal Fees	157,426	121,774	158,276	152,250	79,118	150,000
7805 Computer equipment	-	730	-	900	-	900
<i>O&M NON-PERSONNEL TOTAL</i>	<u>308,905</u>	<u>245,009</u>	<u>310,738</u>	<u>255,425</u>	<u>207,641</u>	<u>253,175</u>
	308,905	245,009	310,738	255,425	207,641	253,175

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**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



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 with an efficient 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 includes the policies and procedures function.

Department Goals/Objectives:

The objectives of the department are to assist other departments in managing their records so that they are accessible and 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

Company-wide Records Inventory (No. of Departments)
Requests Submitted Related to the Public Information Act
Number of Training Sessions Held Regarding Records Management
Number of Policy or Procedure Documents Given a First Review by Records Management

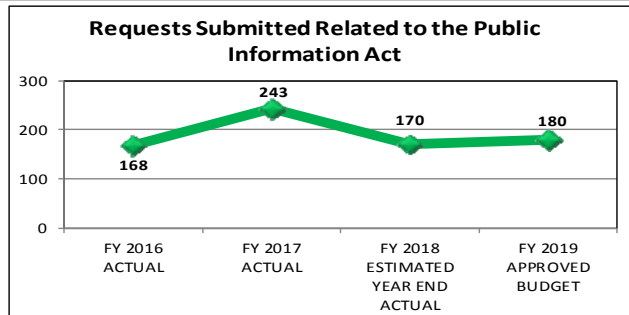
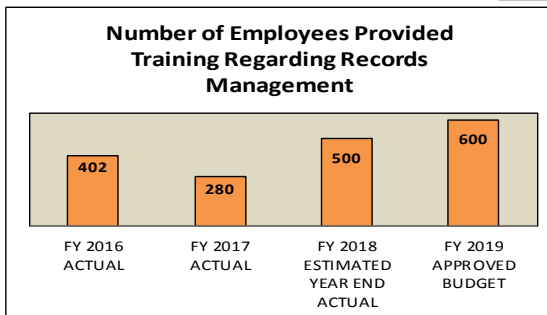
OUTCOME MEASURES

Number of departments that have completed the records inventory
Number of Public Information Requests requiring a Texas Attorney General Opinion
Number of Employees Provided Training Regarding Records Management
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 employee records training program
Maintaining policies and procedures program

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	2	2	3	3
O&M Non-Personnel Expenses	\$59,501	\$174,502	\$153,208	\$323,770
OUTPUT MEASURES				
Company-wide Records Inventory (No. of Departments)	60	59	59	61
Requests Submitted Related to the Public Information Act	168	243	170	180
Number of Training Sessions Held Regarding Records Management	17	8	12	24
Number of Policy or Procedure Documents Given a First Review by Records Management	22	24	6	10
OUTCOME MEASURES				
Number of departments that have completed the records inventory	3	3	2	3
Number of Public Information Requests requiring a Texas Attorney General Opinion	10	12	3	3
Number of Employees Provided Training Regarding Records Management	402	280	500	600
Number of Policy or Procedure Documents Reviewed by Records Management and Approved by the BPUB Board or Executive Management	21	12	6	5
EFFICIENCY MEASURES				
Average time to respond to a public information request (within the law - 10 days)	6 days	6 days	3 - 5 days	2 - 4 days
Maintaining records management program	Yes	Yes	Yes	Yes
Maintaining employee records training program	Yes	Yes	Yes	Yes
Maintaining policies and procedures program	Yes	Yes	Yes	Yes



DEPARTMENT 1165 – RECORDS MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 64,039	\$ 64,177	\$ 66,806	\$ 67,612	\$ 71,136	\$ 73,715
6105 Administrative Staff	-	-	3,394	29,952	44,965	46,322
6110 Clerical staff	37,264	38,425	40,574	43,805	43,417	43,805
6130 Overtime	342	1,198	962	687	47	790
6201 T.M.R.S.	13,834	17,292	19,731	27,794	28,538	29,279
6205 F.I.C.A.	5,930	6,073	6,489	9,643	9,400	10,158
6210 Medicare	1,387	1,420	1,518	2,255	2,198	2,376
6214 Dental Insurance	546	536	563	837	815	837
6215 Hospitalization insurance	16,643	18,210	19,441	25,699	25,010	25,699
6220 Life Insurance	138	139	146	479	180	190
6221 Long Term Disability Insurance	266	267	287	377	132	328
6225 Workers Compensation	2,541	2,603	2,787	3,888	3,989	4,096
6230 Vacation leave	518	1,858	2,223	1,711	(912)	2,092
6235 Sick leave	178	1,013	6,746	1,880	5,532	2,301
6260 Vacancy Savings	-	-	-	(10,617)	-	(11,840)
<i>O&M PERSONNEL TOTAL</i>	<u>143,626</u>	<u>153,213</u>	<u>171,665</u>	<u>206,003</u>	<u>234,448</u>	<u>230,146</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	-	-	-	-	1,348	2,000
7105 Books & periodicals	-	73	43	200	-	200
7110 Dues & memberships	708	390	795	600	1,214	1,000
7120 Office supplies	1,977	1,006	1,851	2,000	1,431	2,000
7130 Postage/shipping charges	96	-	143	200	173	200
7135 Telephone expenses	-	-	-	2,100	199	2,000
7140 Training expenses	60	1,434	2,401	2,300	4,988	6,675
7145 Travel expenses	964	2,760	1,178	3,100	6,701	8,700
7225 Safety supplies	130	-	55	200	13	200
7299 Other materials & supplies	276	473	461	500	394	1,000
7315 Food, meals, ice, water	155	1,731	1,054	2,000	824	2,000
7325 Rental of equip/storage/land	14,986	17,625	17,730	24,000	22,065	24,000
7415 Fuels & lubricants	377	192	241	1,000	264	1,000
7601 Legal Fees	2,934	24,940	24,028	20,000	12,236	20,000
7645 Maintenance services	-	-	-	69,000	-	69,000
7699 Other services	3,330	8,878	121,720	212,500	95,275	161,500
7805 Computer equipment	-	-	45	6,990	45	14,885
7806 Software licenses-new	624	-	-	3,870	-	1,920
7820 Office furniture & equipment	-	-	2,756	5,490	6,040	5,490
<i>O&M NON-PERSONNEL TOTAL</i>	<u>26,618</u>	<u>59,501</u>	<u>174,502</u>	<u>356,050</u>	<u>153,208</u>	<u>323,770</u>
	170,244	212,714	346,167	562,053	387,656	553,916



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

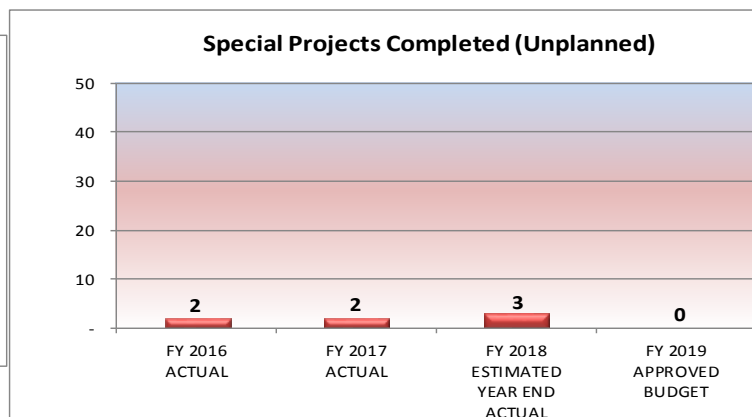
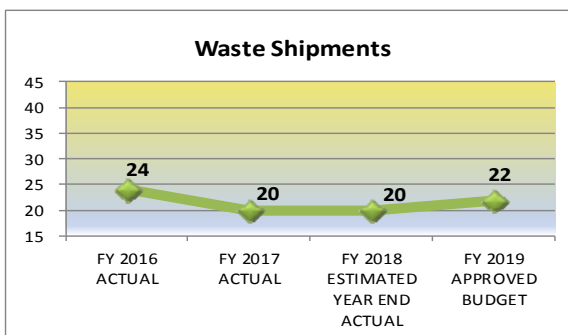
EFFICIENCY MEASURES

EPA & TCEQ Fines Levied

Special Projects Completed (Unplanned)

% Passing - QC Proficiency Tests

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	4	5	5	5
Total O&M Expenses	\$ 998,942	\$ 1,183,728	\$1,034,150	\$ 1,453,774
Environmental Reports Produced	107	108	108	108
Env Compliance Audits Performed	12	12	12	12
QA Compliance Audits Performed	1	2	2	2
EPA/TCEQ PT (Studies) Performed	5	5	5	5
Waste Shipments	24	20	20	22
Timely Env. Report Submittals	100%	100%	100%	100%
No. of State & Federal Violations (Issued/Resolved)	1/1	3/3	-	-
Pounds Recycled	251,908	280,669	311,246	270,036
EPA & TCEQ Fines Levied	\$ -	\$ -	\$ -	\$ -
Special Projects Completed (Unplanned)	2	2	3	-
% Passing - QC Proficiency Tests	94%	98%	100%	100%



DEPARTMENT 1410 - ENVIRONMENTAL SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 114,292	\$ 120,939	\$ 128,693	\$ 136,136	\$ 136,136	\$ 136,136
6105 Administrative Staff	104,554	105,651	159,614	159,973	159,973	159,973
6110 Clerical staff	38,444	39,000	39,731	39,250	39,703	39,250
6130 Overtime	406	804	1,879	2,000	944	2,010
6201 T.M.R.S.	35,061	45,880	59,252	59,929	61,866	59,929
6205 F.I.C.A.	15,379	15,454	18,957	20,792	19,394	20,792
6210 Medicare	3,701	3,794	4,543	4,863	4,684	4,863
6214 Dental Insurance	1,074	1,088	1,336	1,395	1,357	1,395
6215 Hospitalization insurance	30,586	38,919	51,619	54,312	52,813	54,312
6220 Life Insurance	348	352	429	345	367	379
6221 Long Term Disability Insurance	691	699	865	671	283	671
6225 Workers Compensation	6,827	6,905	8,371	8,384	8,648	8,384
6230 Vacation leave	(837)	1,822	2,354	4,058	2,186	4,282
6235 Sick leave	4,679	32,193	8,753	4,460	3,617	4,710
6242 Auto Benefits	7,500	7,500	7,500	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,680	1,680	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(24,302)	-	(24,304)
<i>O&M PERSONNEL TOTAL</i>	<u>364,383</u>	<u>422,681</u>	<u>495,577</u>	<u>481,445</u>	<u>501,150</u>	<u>481,960</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	6,784	-	1,275	1,500	-	800
7105 Books & periodicals	33	-	92	300	241	300
7110 Dues & memberships	1,807	1,954	1,974	1,500	3,576	3,000
7120 Office supplies	895	1,534	1,077	1,000	915	800
7130 Postage/shipping charges	2,578	1,643	1,984	1,500	1,912	1,500
7140 Training expenses	4,242	1,840	4,705	5,335	3,004	5,920
7145 Travel expenses	8,173	10,294	11,265	11,092	7,252	12,994
7147 Mileage Reimbursement (InTownExp)	-	-	-	100	-	100
7293 Chemicals - other	22,226	16,871	21,599	23,000	21,789	23,000
7299 Other materials & supplies	1,925	1,862	1,822	2,500	3,755	1,500
7310 Federal, state, & local fees	344,612	376,871	450,239	475,000	395,900	455,000
7315 Food, meals, ice, water	1,545	907	1,453	800	348	800
7325 Rental of equip/storage/land	9,588	9,603	9,157	12,000	8,484	12,000
7335 Wearing apparel & dry goods	-	333	653	400	757	400
7415 Fuels & lubricants	2,333	1,545	2,686	1,700	1,696	1,200
7599 Maintenance / other	9,092	-	-	-	-	-
7601 Legal Fees	3,065	5,821	-	5,500	1,218	5,000
7620 Environmental consulting fees	64,719	4,311	2,145	15,000	-	15,000
7699 Other services	181,463	134,979	174,531	150,000	68,604	430,000
7805 Computer equipment	-	3,840	299	300	-	300
7810 Laboratory equipment	17,300	-	-	-	-	-
7820 Office furniture & equipment	125	2,052	1,196	5,700	13,550	2,000
7899 Other minor tools & equipment	-	-	-	200	-	200
<i>O&M NON-PERSONNEL TOTAL</i>	<u>682,506</u>	<u>576,261</u>	<u>688,151</u>	<u>714,427</u>	<u>533,000</u>	<u>971,814</u>
	1,046,889	998,942	1,183,728	1,195,872	1,034,150	1,453,774



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

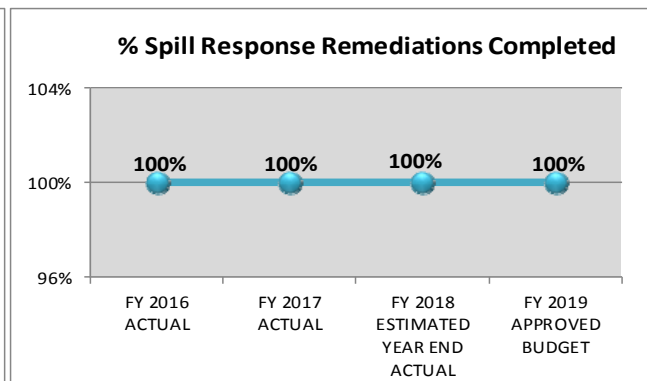
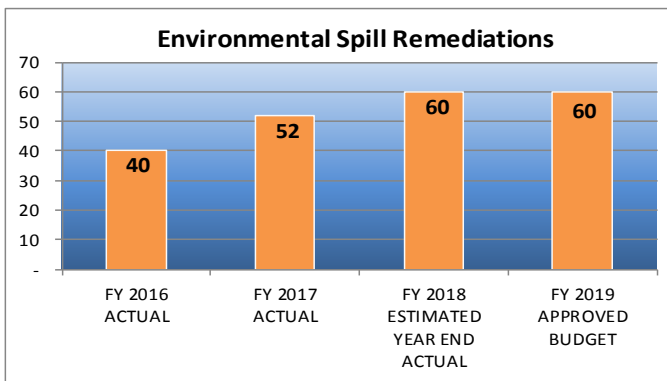
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	6	6	6	6
Total O&M Expenses	\$ 949,894	\$ 958,689	\$ 876,666	\$ 1,027,178
No. of Compliance Inspections	345	325	336	336
Env. Trainings Offered	6	6	6	6
Environmental Spill Responses	40	52	60	60
Environmental Spill Remediations	40	52	60	60
No. of Reportable Emission Events	8	3	1	-
Compliance Inspection Corrective Actions	1	3	-	-
% Compliance Trainings Completed	100%	100%	100%	100%
% Spill Response Remediations Completed	100%	100%	100%	100%
Unit 9 CEMS % Availability	100%	100%	100%	100%
Unit 10 CEMS % Availability	100%	100%	100%	100%
EPA & TCEQ Fines Levied	\$ -	\$ -	\$ -	\$ -



DEPARTMENT 1420 – ENVIRONMENTAL COMPLIANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 120,486	\$ 79,635	\$ 80,979	\$ 81,162	\$ 81,162	\$ 81,162
6105 Administrative Staff	158,777	193,377	254,716	203,778	267,194	209,830
6115 Operational staff	105,356	93,829	41,637	96,013	39,796	100,360
6130 Overtime	3,066	3,978	4,715	5,000	767	2,100
6201 T.M.R.S.	52,874	61,796	67,487	68,076	69,556	69,935
6205 F.I.C.A.	23,358	22,310	22,690	23,619	23,171	24,264
6210 Medicare	5,463	5,218	5,306	5,524	5,419	5,675
6214 Dental Insurance	1,626	1,535	1,598	1,674	1,628	1,674
6215 Hospitalization insurance	47,536	50,345	55,513	58,286	56,684	58,286
6220 Life Insurance	517	487	491	395	425	443
6221 Long Term Disability Insurance	1,024	962	986	762	323	783
6225 Workers Compensation	9,710	9,294	9,535	9,524	9,723	9,784
6230 Vacation leave	(864)	2,866	4,655	4,610	1,503	4,997
6235 Sick leave	(915)	(150)	8,456	5,067	(413)	5,497
6260 Vacancy Savings	-	-	-	(27,441)	-	(28,110)
<i>O&M PERSONNEL TOTAL</i>	<u>528,014</u>	<u>525,482</u>	<u>558,765</u>	<u>536,048</u>	<u>556,937</u>	<u>546,678</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	7,217	-	4,594	5,000	-	5,000
7105 Books & periodicals	175	309	672	250	300	250
7110 Dues & memberships	570	1,022	756	900	1,067	1,600
7120 Office supplies	2,225	1,378	2,625	2,200	759	1,600
7130 Postage/shipping charges	1,541	1,237	762	1,200	725	600
7135 Telephone expenses	-	30	-	-	100	100
7140 Training expenses	9,496	6,843	3,265	10,000	1,358	3,300
7145 Travel expenses	9,602	12,236	10,743	15,000	5,588	11,000
7147 Mileage Reimbursement (InTownExp)	-	38	-	100	-	100
7293 Chemicals - other	232	132	-	750	-	750
7299 Other materials & supplies	25,634	19,929	24,810	25,000	9,499	25,000
7310 Federal, state, & local fees	26,829	17,979	20,860	22,000	21,625	22,000
7315 Food, meals, ice, water	731	695	687	750	128	750
7325 Rental of equip/storage/land	3,232	10,055	3,338	6,000	2,982	6,000
7335 Wearing apparel & dry goods	2,382	2,442	2,700	2,000	4,137	2,000
7415 Fuels & lubricants	915	1,331	956	1,000	1,889	1,000
7599 Maintenance / other	12,671	14,676	3,663	10,000	30,985	24,000
7620 Environmental consulting fees	64,588	87,498	57,461	85,000	89,836	85,000
7635 Software maintenance service fees	17,000	17,000	17,000	20,000	17,850	20,000
7645 Maintenance services	831	14,779	-	33,000	24,750	33,600
7699 Other services	157,114	212,833	244,483	233,600	101,215	233,600
7820 Office furniture & equipment	1,728	1,081	550	2,900	4,937	2,000
7835 Tools, shop and garage equipment	3,396	-	-	250	-	250
7899 Other minor tools & equipment	2,046	888	-	1,000	-	1,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>350,155</u>	<u>424,412</u>	<u>399,924</u>	<u>477,900</u>	<u>319,729</u>	<u>480,500</u>
	878,169	949,894	958,689	1,013,948	876,666	1,027,178



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

Title: **Director of Environmental Services**

Telephone Ext: **6251**

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 defensible 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
Quarterly Operational Reports
Annual Water Quality Reports
Daily Operational Reports
Total of Analytical Analyses Conducted

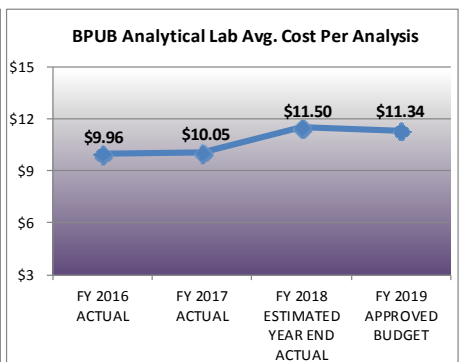
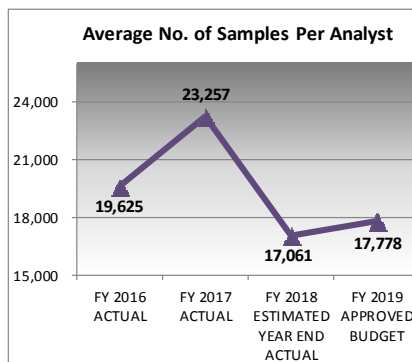
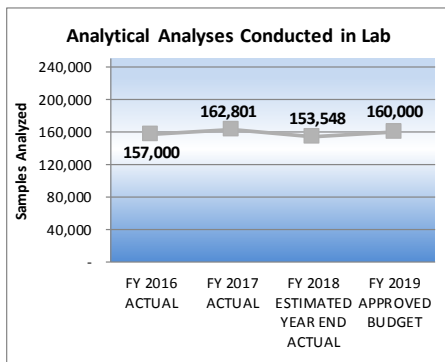
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	16	16	16	16
O&M Personnel Expenses	\$ 916,913	\$ 1,004,538	\$ 1,128,380	\$ 1,085,794
O&M Non-Personnel Expenses	\$ 646,837	\$ 631,866	\$ 636,954	\$ 728,784
Total O&M Expenses	\$ 1,563,750	\$ 1,636,404	\$ 1,765,334	\$ 1,814,578
Financial Operational Reports Produced (monthly)	12	12	12	12
TCEQ Daily/Monthly/Quarterly Operational Reports	90	136	152	152
Quarterly Operational Reports	24	24	24	24
Annual Water Quality Reports	49	49	49	49
Daily Operational Reports	4,587	4,587	4,587	4,587
Total of Analytical Analyses Conducted	157,000	162,801	153,548	160,000
Maintain Quarterly Quality Control Standards	YES	YES	YES	YES
Maintain Quarterly Proficiency Testing Standards	YES	YES	YES	YES
Percentage of Proficiency Testing Evaluated as Acceptable	97%	96%	100%	100%
Compliance with NELAP, EPA & TCEQ Certifications	YES/YES/YES	YES/YES/YES	YES/YES/YES	YES/YES/YES
EPA / TCEQ Compliance Monitoring Schedules	YES/YES	YES/YES	YES/YES	YES/YES
BPUB Analytical Lab Average Cost Per Analysis	\$ 9.96	\$ 10.05	\$ 11.50	\$ 11.34
Average No. of Samples Per Analyst	19,625	23,257	17,061	17,778



DEPARTMENT 1422 - ANALYTICAL LABORATORY

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 128,663	\$ 128,688	\$ 135,424	\$ 137,679	\$ 137,695	\$ 137,696
6105 Administrative Staff	92,728	87,749	110,514	148,949	199,615	240,885
6110 Clerical staff	33,616	33,600	34,393	34,195	34,449	34,195
6115 Operational staff	391,754	353,712	340,464	382,387	318,653	293,488
6130 Overtime	34,916	37,761	62,051	42,523	73,141	65,611
6201 T.M.R.S.	92,776	106,844	119,400	125,664	137,783	126,164
6205 F.I.C.A.	40,191	38,216	40,085	43,599	45,791	43,788
6210 Medicare	9,400	8,938	9,375	10,197	10,709	10,241
6214 Dental Insurance	4,092	3,625	3,511	4,464	4,125	4,464
6215 Hospitalization insurance	113,182	106,900	105,614	129,658	127,458	136,855
6220 Life Insurance	890	821	820	1,453	777	845
6221 Long Term Disability Insurance	1,693	1,568	1,603	1,552	558	1,413
6225 Workers Compensation	17,132	16,165	16,907	17,580	19,138	17,657
6230 Vacation leave	1,310	(1,304)	5,103	8,509	10,641	9,017
6235 Sick leave	7,379	(6,369)	19,274	9,353	7,847	9,920
6240 Educational assistance	3,603	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(51,869)	-	(46,444)
<i>O&M PERSONNEL TOTAL</i>	<u>973,325</u>	<u>916,913</u>	<u>1,004,538</u>	<u>1,045,893</u>	<u>1,128,380</u>	<u>1,085,794</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	1,200	-	1,200
7110 Dues & memberships	1,632	3,516	2,517	1,500	2,748	2,475
7120 Office supplies	4,295	2,516	5,353	4,000	6,513	6,000
7130 Postage/shipping charges	8,892	7,670	7,061	4,700	3,379	3,700
7140 Training expenses	5,080	5,225	4,600	5,240	6,166	7,785
7145 Travel expenses	6,210	6,908	7,232	8,260	9,941	8,606
7180 Utilities - departmental	52,869	51,407	45,982	45,000	49,627	45,000
7205 Lamps, globes & flares	-	1,738	-	-	-	-
7215 Laundry & janitorial supplies	34	34	-	-	-	-
7225 Safety supplies	396	135	592	-	875	1,000
7293 Chemicals - other	92,365	84,441	97,183	105,200	112,484	97,900
7299 Other materials & supplies	43,384	27,142	29,330	30,000	53,949	31,500
7310 Federal, state, & local fees	3,050	3,050	3,050	3,525	3,050	3,525
7315 Food, meals, ice, water	923	1,071	952	1,000	467	1,000
7325 Rental of equip/storage/land	20,733	23,904	19,868	21,962	20,785	22,762
7335 Wearing apparel & dry goods	6,654	3,061	5,312	4,800	5,139	7,800
7415 Fuels & lubricants	3,989	3,877	3,601	5,500	4,779	5,500
7501 Maint. of buildings & structures	-	76,611	31,692	55,594	5,372	65,000
7645 Maintenance services	130,694	155,788	153,618	164,000	185,967	167,500
7699 Other services	130,021	160,573	153,664	144,650	117,367	173,100
7801 Communication equipment	-	-	-	-	250	-
7805 Computer equipment	-	-	-	1,781	2,109	1,781
7806 Software licenses-new	2,021	2,528	639	650	-	650
7810 Laboratory equipment	47,882	25,644	55,680	30,757	45,986	70,000
7820 Office furniture & equipment	266	-	3,562	-	-	-
7899 Other minor tools & equipment	361	-	379	4,500	-	5,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>561,750</u>	<u>646,837</u>	<u>631,866</u>	<u>643,819</u>	<u>636,954</u>	<u>728,784</u>
	1,535,075	1,563,750	1,636,404	1,689,712	1,765,334	1,814,578



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Vicente Guerrero III
Title: Pretreatment/Cross Conn Co Manager
Telephone Ext: 6259
Dept. No: 1430

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

Department Function:

The Pre-Treatment Department function is to prevent pass through of untreated pollutants through the wastewater system and interference as specified in the EPA Clean Water Act of 1973 and Pretreatment Regulations 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

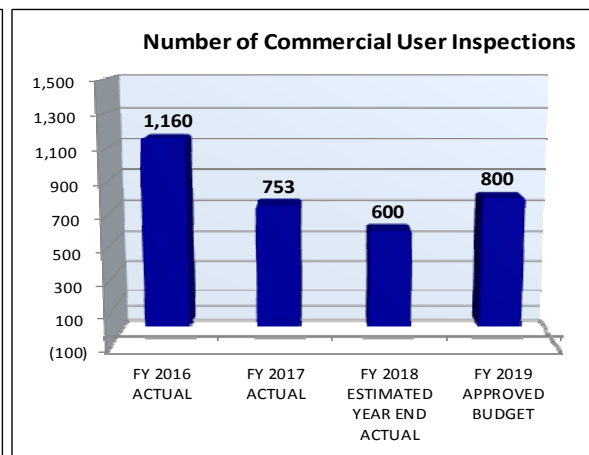
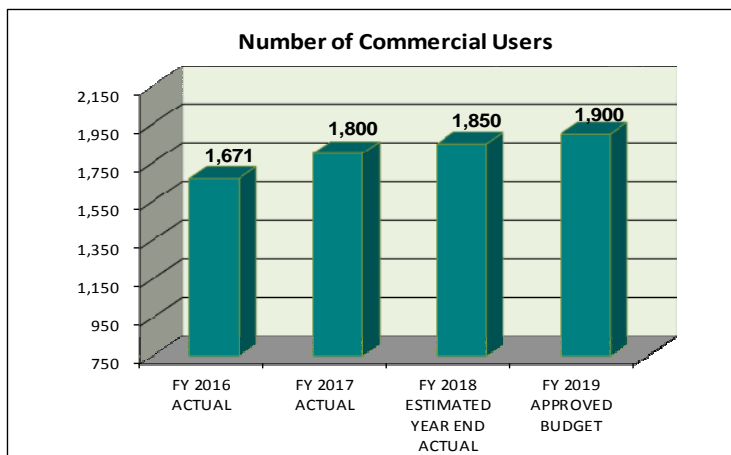
OUTCOME MEASURES

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

EFFICIENCY MEASURES

EPA & TCEQ Audits & Inspections Violations
Cost Recovery
Surcharges

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	12	8	8	8
Total O&M Expenses	\$ 923,680	\$ 591,418	\$ 600,702	\$ 643,067
OUTPUT MEASURES				
Operational Reports (monthly)	12	12	12	12
Number of Significant Ind. Users (SIU)	10	10	10	10
Number of Users Surcharge	5	5	5	5
Number of Commercial Users	1,671	1,800	1,850	1,900
Pre-treatment Annual Report	1	1	1	1
OUTCOME MEASURES				
Number of Compliance Inspections for SIU's	10	10	10	10
Number of Compliance Sampling Events for SIU's	20	20	20	20
Number of Permits Issued	10	10	10	10
Number of Surcharge Sampling Events	36	60	36	108
Number of Commercial User Inspections	1,160	753	600	800
EFFICIENCY MEASURES				
EPA & TCEQ Audits & Inspections Violations	0/0/0	0/0/1	0/0/0	0/0/0
Cost Recovery	\$ 41,018	\$ 38,884	\$ 36,283	\$ 36,283
Surcharges	\$ 91,861	\$ 74,002	\$ 106,074	\$ 106,074



DEPARTMENT 1430 – PRE-TREATMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 79,991	\$ 80,099	\$ 82,330	\$ 83,699	\$ 83,699	\$ 83,699
6105 Administrative Staff	211,224	243,060	137,477	150,176	153,978	156,354
6110 Clerical staff	28,501	28,582	31,243	32,092	32,423	32,094
6115 Operational staff	153,100	187,739	113,203	111,238	98,703	114,317
6130 Overtime	8,077	6,727	6,683	7,000	3,419	8,628
6201 T.M.R.S.	65,413	90,934	66,225	67,407	66,562	69,061
6205 F.I.C.A.	28,538	32,352	21,980	23,387	21,820	23,961
6210 Medicare	6,674	7,566	5,140	5,469	5,103	5,604
6214 Dental Insurance	2,837	3,160	2,068	2,232	2,138	2,232
6215 Hospitalization insurance	73,424	93,484	63,015	70,620	63,007	63,732
6220 Life Insurance	656	754	486	409	435	456
6221 Long Term Disability Insurance	1,248	1,435	943	754	318	773
6225 Workers Compensation	12,023	13,801	9,386	9,430	9,558	9,662
6230 Vacation leave	5,863	(1,200)	1,068	4,564	(3,527)	4,934
6235 Sick leave	3,621	(5,678)	(26,466)	5,017	(3,791)	5,428
6240 Educational assistance	-	2,323	-	-	-	-
6260 Vacancy Savings	-	-	-	(27,846)	-	(28,097)
<i>O&M PERSONNEL TOTAL</i>	681,189	785,138	514,781	545,650	533,846	552,837
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	424	202	-	335	397	335
7110 Dues & memberships	1,027	972	642	1,000	548	1,500
7120 Office supplies	3,000	5,314	2,986	3,000	1,471	3,000
7130 Postage/shipping charges	328	81	104	250	79	250
7140 Training expenses	6,991	3,461	4,102	5,995	3,063	6,395
7145 Travel expenses	5,846	5,905	6,147	5,600	7,758	6,000
7147 Mileage Reimbursement (InTownExp)	10	-	-	250	-	250
7215 Laundry & janitorial supplies	299	231	140	500	162	500
7225 Safety supplies	673	934	559	500	1,064	750
7293 Chemicals - other	888	628	1,718	2,000	782	2,000
7299 Other materials & supplies	8,740	7,220	5,266	6,000	3,189	6,000
7315 Food, meals, ice, water	1,039	593	865	1,000	119	750
7325 Rental of equip/storage/land	4,785	6,773	3,321	6,000	3,759	6,000
7335 Wearing apparel & dry goods	2,700	4,735	4,925	3,000	5,706	3,000
7415 Fuels & lubricants	3,793	3,641	3,258	2,500	4,431	2,500
7501 Maint. of buildings & structures	13,350	51,141	517	10,000	3,400	10,000
7635 Software maintenance service fees	2,660	4,350	2,892	5,000	1,600	5,000
7645 Maintenance services	5,320	7,942	8,856	9,000	5,606	9,000
7699 Other services	35,232	34,419	29,300	25,000	23,215	25,000
7820 Office furniture & equipment	235	-	1,041	2,000	507	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	97,340	138,542	76,637	88,930	66,856	90,230
	778,529	923,680	591,418	634,580	600,702	643,067



Department Responsibility: Vicente Guerrero III

Title: Pretreatment/Cross Conn Co Manager

Telephone Ext: 6259

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

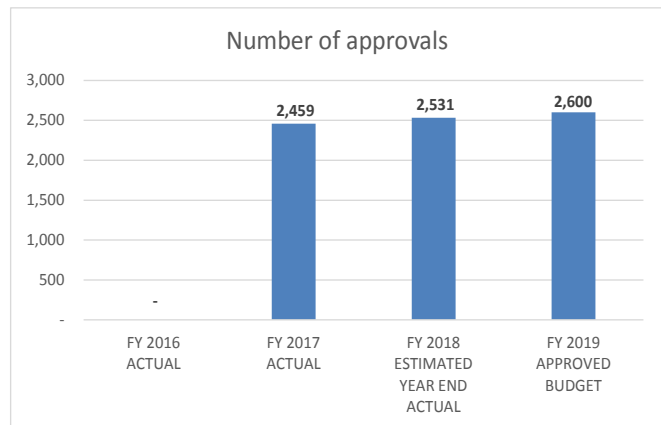
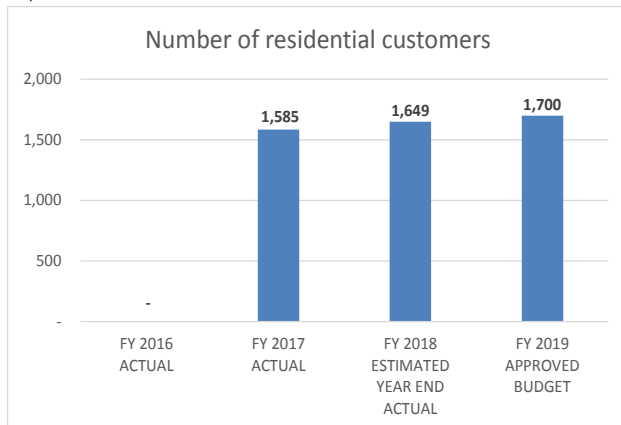
Number of new service inspections
Number of approvals

EFFICIENCY MEASURES

EPA & TCEQ Audits & Inspections Violations

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	-	3	3	3
Total O&M Expenses	\$ -	\$ 212,997	\$ 224,981	\$ 530,662
Number of facilities	-	3,105	3,247	3,388
Number of assemblies -valves	-	4,379	4,689	5,000
Number of commercial customers	-	1,439	1,512	1,600
Number of residential customers	-	1,585	1,649	1,700
Number of industrial customers	-	81	86	88
Number of new service inspections	-	2,459	2,531	2,600
Number of approvals	-	2,459	2,531	2,600
EPA & TCEQ Audits & Inspections Violations		0/0/0	0/1/0	0/0/0

*New department created in 2017



DEPARTMENT 1435 – CROSS CONNECTION CONTROL

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6105 Administrative Staff	\$ -	\$ -	\$ 50,002	\$ 54,787	\$ 54,787	\$ 32,872
6115 Operational staff	-	-	50,676	81,952	72,337	72,363
6130 Overtime	-	-	800	3,000	1,983	4,958
6201 T.M.R.S.	-	-	17,901	23,201	23,090	18,806
6205 F.I.C.A.	-	-	5,986	8,050	7,562	6,525
6210 Medicare	-	-	1,400	1,883	1,768	1,526
6214 Dental Insurance	-	-	674	837	814	725
6215 Hospitalization insurance	-	-	20,747	23,197	25,483	21,354
6220 Life Insurance	-	-	151	386	148	128
6221 Long Term Disability Insurance	-	-	291	312	107	210
6225 Workers Compensation	-	-	2,760	3,246	3,228	2,631
6230 Vacation leave	-	-	4,781	1,655	141	1,344
6235 Sick leave	-	-	28,167	1,819	3,075	1,478
6260 Vacancy Savings	-	-	-	(9,893)	-	(7,857)
<i>O&M PERSONNEL TOTAL</i>	-	-	184,336	194,432	194,523	157,062
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	208	250	420	250
7110 Dues & memberships	-	-	251	750	231	750
7120 Office supplies	-	-	1,983	3,000	1,452	3,000
7130 Postage/shipping charges	-	-	-	250	29	250
7140 Training expenses	-	-	-	1,200	5,242	1,600
7145 Travel expenses	-	-	-	1,800	4,871	2,400
7147 Mileage Reimbursement (InTownExp)	-	-	-	150	-	150
7215 Laundry & janitorial supplies	-	-	144	500	105	500
7225 Safety supplies	-	-	387	350	308	350
7293 Chemicals - other	-	-	-	350	-	350
7299 Other materials & supplies	-	-	5,501	5,000	7,966	6,000
7315 Food, meals, ice, water	-	-	72	500	38	500
7325 Rental of equip/storage/land	-	-	2,741	2,500	1,658	2,500
7335 Wearing apparel & dry goods	-	-	-	2,500	-	2,500
7415 Fuels & lubricants	-	-	-	1,500	-	2,000
7635 Software maintenance service fees	-	-	3,600	4,000	5,375	4,000
7645 Maintenance services	-	-	3,015	3,000	2,150	3,000
7699 Other services	-	-	10,360	35,000	-	342,500
7820 Office furniture & equipment	-	-	400	1,000	613	1,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	28,661	63,600	30,458	373,600
	-	-	212,997	258,032	224,981	530,662



Department Responsibility: Jo Anna Tijerina
 Title: Health & Safety Manager
 Telephone Ext: 6257
 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

BPUB Injury/Illness Loss Report
 Workers Compensation Claim Report
 Safety Training Reports
 Crew Visit Inspections
 Number of Training Sessions Held

OUTPUT MEASURES

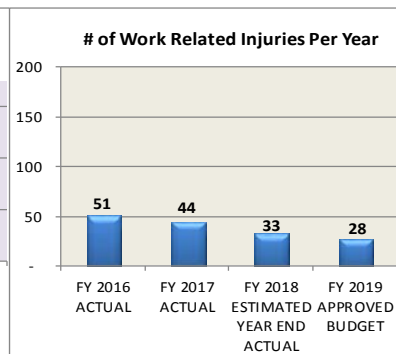
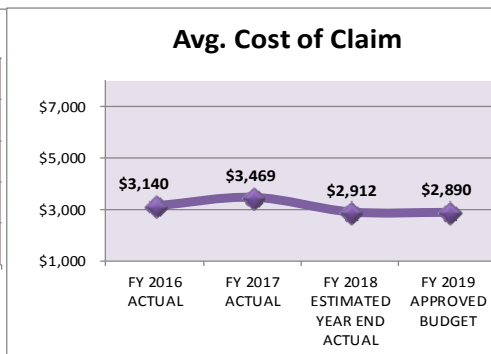
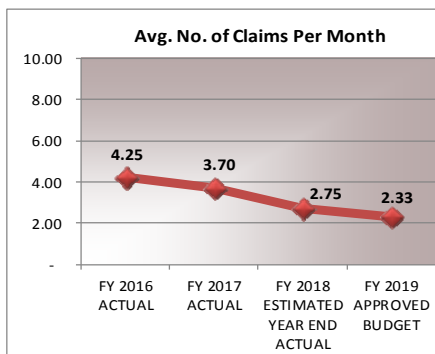
Maintain Monthly Count of Incidents by Department
 Maintain Monthly Tally of Cost Per Injury
 Track % of Timeliness of Reporting
 Number of Employees Provided Training
 Total Number of Training Hours

EFFICIENCY MEASURES

Avg. No. of Claims Per Month
 Avg. Cost of Claim
 No. of Work Related Injuries Per Year
 Lost Time Accident/Incident Rate
 Cost of Training Hour
 Cost per Employee Attendee

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE)	6	6	6	6
Total O&M Expenses	\$ 1,094,945	\$ 1,387,181	\$ 1,486,428	\$ 2,355,502
BPUB Injury/Illness Loss Report	12	12	12	12
Workers Compensation Claim Report	12	12	12	12
Safety Training Reports	12	12	12	24
Crew Visit Inspections	300	430	750	750
Number of Training Sessions Held	110	125	102	112
Maintain Monthly Count of Incidents by Department	Yes	Yes	Yes	Yes
Maintain Monthly Tally of Cost Per Injury	Yes	Yes	Yes	Yes
Track % of Timeliness of Reporting	90%	100%	100%	100%
Number of Employees Provided Training	1,200	1,190	1,556	1,070
Total Number of Training Hours	3,500	3,423	4,158	3,700
Avg. No. of Claims Per Month	4.25	3.70	2.75	2.33
Avg. Cost of Claim	\$ 3,140	\$ 3,469	\$ 2,912	\$ 2,890
No. of Work Related Injuries Per Year	51	44	33	28
Lost Time Accident/Incident Rate	9.25	8.95	2.04	1.99
Cost of Training Hour	10.60	26.60	24.80	19.46
Cost per Employee Attendee	32.34	76.52	*84.35	67.28

*(Increase due to LOTO Training of Managers, Authorized & Affected Employees)



DEPARTMENT 1440 – HEALTH & SAFETY

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 93,000	\$ 92,611	\$ 96,700	\$ 100,942	\$ 100,942	\$ 100,942
6105 Administrative Staff	162,154	160,491	220,097	223,775	227,675	230,526
6110 Clerical staff	58,059	27,035	27,068	27,758	28,282	29,162
6130 Overtime	651	330	174	300	127	901
6201 T.M.R.S.	42,723	48,259	60,742	62,987	64,115	64,445
6205 F.I.C.A.	18,642	17,405	20,461	21,853	21,269	22,359
6206 Suta	-	-	9,963	-	-	-
6210 Medicare	4,360	4,070	4,785	5,111	4,974	5,229
6214 Dental Insurance	1,617	1,350	1,619	1,674	1,628	1,674
6215 Hospitalization insurance	44,104	39,750	49,687	51,398	50,004	51,398
6220 Life Insurance	428	371	458	369	395	412
6221 Long Term Disability Insurance	829	725	910	705	298	721
6225 Workers Compensation	7,885	7,320	8,582	8,812	8,963	9,016
6230 Vacation leave	1,226	1,689	7,606	4,265	1,433	4,604
6235 Sick leave	(1,826)	7,663	11,872	4,688	11,582	5,065
6260 Vacancy Savings	-	-	-	(25,269)	-	(25,794)
<i>O&M PERSONNEL TOTAL</i>	<u>433,851</u>	<u>409,069</u>	<u>520,725</u>	<u>489,368</u>	<u>521,688</u>	<u>500,662</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	888	325	17,819	6,920	1,334	6,920
7110 Dues & memberships	5,184	1,535	1,733	2,000	2,156	2,320
7115 Educational material	3,445	6,785	30,990	14,850	1,192	14,850
7120 Office supplies	4,035	4,823	6,122	5,000	4,591	5,000
7125 Photo equipment/supplies	255	-	-	150	160	150
7130 Postage/shipping charges	127	172	33	500	465	600
7135 Telephone expenses	1,751	1,582	7,984	10,400	4,540	11,100
7140 Training expenses	1,155	3,045	304	5,000	2,325	23,500
7145 Travel expenses	1,399	8,463	1,426	9,500	6,849	27,000
7220 Medical supplies	492	282	-	3,000	176	3,000
7225 Safety supplies	7,032	13,941	6,272	7,000	43	7,000
7299 Other materials & supplies	20,992	17,978	36,123	22,700	16,289	22,700
7315 Food, meals, ice, water	1,746	2,214	1,667	4,000	3,481	4,000
7320 Official functions	-	-	-	-	265	-
7322 Recognition Program	28,032	27,815	31,993	44,650	29,238	44,650
7325 Rental of equip/storage/land	1,056	1,911	3,409	3,100	509	5,000
7415 Fuels & lubricants	2,449	2,190	2,679	7,200	3,775	7,200
7635 Software maintenance service fees	24,841	25,082	14,532	39,000	31,602	47,500
7645 Maintenance services	18,535	27,585	25,056	32,300	44,869	37,300
7650 Security services	324,692	383,028	507,264	635,000	508,676	1,000,000
7699 Other services	124,109	149,411	114,315	526,000	280,847	549,100
7801 Communication equipment	-	2,920	-	-	-	-
7805 Computer equipment	170	1,493	-	11,400	-	4,600
7806 Software licenses-new	312	1,021	4,654	7,500	2,001	8,000
7820 Office furniture & equipment	1,071	1,180	814	2,750	5,544	2,750
7899 Other minor tools & equipment	11,697	1,095	51,267	68,100	13,813	20,600
<i>O&M NON-PERSONNEL TOTAL</i>	<u>585,466</u>	<u>685,876</u>	<u>866,456</u>	<u>1,468,020</u>	<u>964,740</u>	<u>1,854,840</u>
	1,019,317	1,094,945	1,387,181	1,957,388	1,486,428	2,355,502



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



Department Responsibility: James McCann, P.E.
Title: Director of Electrical Systems
Telephone Ext: 6204
Dept. No: 2110

**PERFORMANCE MEASURES
FOR THE
ELECTRIC TRANSMISSION AND DISTRIBUTION SUPPORT SERVICES DEPARTMENT**

Department Function:

Developing, implementing, managing, and communicating effective execution of operational strategies, processes, and programs for Transmission, Distribution, Substations, and Electric Engineering.

Department Goals/Objectives:

Plan, organize, and direct the initiatives, and strategies of the Division's business operations. Coordinate with assigned staff for the execution of strategies and business operations to optimize the allocation of resources.

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 140,543	\$ 20,116	\$ -	\$ -	\$ -	\$ -
6201 T.M.R.S.	19,129	2,702	-	-	-	-
6205 F.I.C.A.	7,379	53	-	-	-	-
6210 Medicare	2,155	295	-	-	-	-
6214 Dental Insurance	273	42	-	-	-	-
6215 Hospitalization insurance	9,262	1,413	-	-	-	-
6220 Life Insurance	178	30	-	-	-	-
6221 Long Term Disability Insurance	372	62	-	-	-	-
6225 Workers Compensation	3,743	512	-	-	-	-
6230 Vacation leave	538	808	-	-	-	-
6242 Auto Benefits	7,500	288	-	-	-	-
6243 Telephone Benefits	1,680	65	-	-	-	-
<i>O&M PERSONNEL TOTAL</i>	<u>192,753</u>	<u>26,385</u>	-	-	-	-
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	71	-	-	-	-	-
7110 Dues & memberships	1,100	-	-	-	-	-
7120 Office supplies	233	93	-	-	-	-
7140 Training expenses	-	303	-	-	-	-
7145 Travel expenses	84	683	-	-	-	-
7299 Other materials & supplies	360	29	-	-	-	-
7315 Food, meals, ice, water	29	-	-	-	-	-
7635 Software maintenance service fees	795	-	-	-	-	-
7805 Computer equipment	80	-	-	-	-	-
7806 Software licenses-new	800	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>3,552</u>	<u>1,108</u>	-	-	-	-
	196,305	27,493	-	-	-	-

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**BROWNSVILLE
PUBLIC UTILITIES BOARD**



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

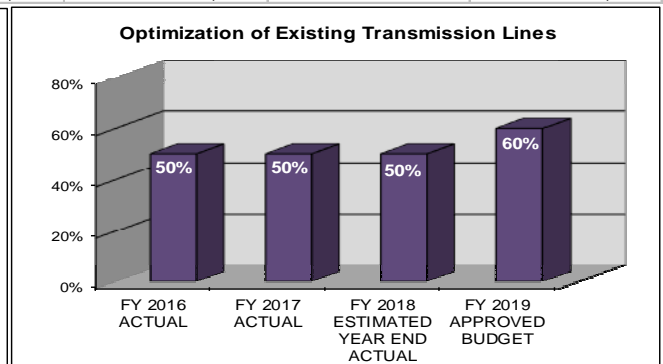
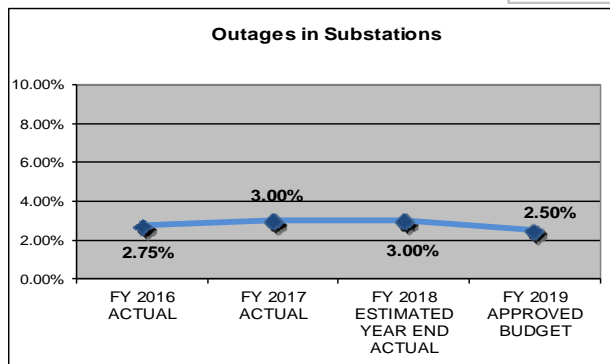
OUTCOME MEASURES

Comply With ERCOT, NERC
 Monthly Substation Inspections
 Battery Banks Inspection & Maintenance
 Relay Testing and Documentation (comply with PRC-005-1b)
 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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTEs)	24	24	24	24
Total O&M Expenses	\$ 1,651,724	\$ 2,016,455	\$ 1,844,296	\$ 2,191,333
No. of Substations	14	14	14	14
Total Power-Transformers Capacity (MVA)	672	672	672	672
Power Transformers, Test & Maintenance	7	8	6	10
138 KV Breakers, Test & Maintenance	9	10	8	12
12.5 KV Breakers, Test & Maintenance	30	30	16	24
Comply With ERCOT, NERC	Yes	Yes	Yes	Yes
Monthly Substation Inspections	Yes	Yes	Yes	Yes
Battery Banks Inspection & Maintenance	Yes	Yes	Yes	Yes
Relay Testing and Documentation (comply with PRC-005-1b)	Yes	Yes	Yes	Yes
Collect Fault Data and Evaluate System Grid Integrity	Yes	Yes	Yes	Yes
Outages in Substations	2.75%	3.00%	3.00%	2.50%
Optimization of Existing Transmission Lines	50%	50%	50%	60%
NERC Audits Violations	0%	0%	0%	0%
Maintenance Reports	100%	100%	100%	100%
New Connections	1,600	1,115	958	1,054



DEPARTMENT 2120 – SUBSTATIONS & RELAYING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 97,259	\$ 106,155	\$ 110,085	\$ 111,821	\$ 111,821	\$ 111,821
6110 Clerical staff	-	13,328	33,932	33,846	34,401	33,862
6115 Operational staff	467,610	645,507	916,269	917,848	871,191	904,457
6130 Overtime	20,468	40,585	33,287	40,000	58,040	50,704
6140 Severance Pay	-	17,313	-	-	4,556	-
6201 T.M.R.S.	79,667	140,529	193,125	190,050	191,101	187,624
6205 F.I.C.A.	35,163	49,804	65,070	65,938	63,479	65,109
6206 Suta	-	-	1,437	-	-	-
6210 Medicare	8,224	11,648	15,218	15,421	14,846	15,227
6214 Dental Insurance	3,269	4,335	5,404	5,915	5,048	5,915
6215 Hospitalization insurance	84,967	129,148	164,390	173,968	156,973	178,222
6220 Life Insurance	766	1,018	1,350	1,294	1,102	1,233
6221 Long Term Disability Insurance	1,478	1,953	2,651	2,161	834	2,100
6225 Workers Compensation	14,650	20,425	27,292	26,588	26,823	26,253
6230 Vacation leave	5,078	28,462	22,083	12,869	(1,136)	13,408
6235 Sick leave	3,505	86,492	29,059	14,145	5,502	14,749
6260 Vacancy Savings	-	-	-	(77,243)	-	(76,591)
<i>O&M PERSONNEL TOTAL</i>	<u>822,105</u>	<u>1,296,702</u>	<u>1,620,651</u>	<u>1,534,621</u>	<u>1,544,580</u>	<u>1,534,095</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	196	-	-	250	-	250
7110 Dues & memberships	329	271	337	300	447	500
7120 Office supplies	1,119	2,878	783	3,000	695	3,000
7130 Postage/shipping charges	605	878	995	750	1,051	1,200
7140 Training expenses	1,295	11,258	1,070	10,000	-	2,388
7145 Travel expenses	5,126	3,784	8,965	8,700	2,688	9,000
7180 Utilities - departmental	126,482	135,429	138,522	100,000	123,237	100,000
7190 Utilities - CP&L & Mvec	770	863	-	500	-	500
7203 Sand, Caliche, Gravel, Concrete etc	-	7,141	-	3,000	-	3,000
7215 Laundry & janitorial supplies	422	150	225	600	-	600
7225 Safety supplies	4,668	1,369	3,823	4,000	740	4,000
7293 Chemicals - other	4,444	3,202	3,880	3,600	4,375	3,800
7299 Other materials & supplies	7,002	8,399	10,638	15,000	25,115	95,000
7315 Food, meals, ice, water	218	230	233	500	275	500
7325 Rental of equip/storage/land	2,845	14,449	23,630	44,000	4,860	45,000
7335 Wearing apparel & dry goods	10,570	19,501	29,661	20,000	45,196	22,000
7415 Fuels & lubricants	14,018	13,307	14,963	13,500	17,035	15,000
7501 Maint. of buildings & structures	1,623	2,202	3,955	10,000	9,240	75,000
7505 Maint. of communication equipment	1,563	5,492	1,682	3,000	-	3,000
7540 Maint. of line transformers	12,967	8,707	35,814	95,000	20,746	110,000
7555 Maint. of station equipment	17,072	42,334	42,235	45,000	20,195	50,000
7570 Maint. of underground lines	-	-	-	-	6,095	-
7645 Maintenance services	8,243	31,374	32,484	45,000	7,250	50,000
7699 Other services	11,226	12,490	12,162	18,000	1,859	20,000
7805 Computer equipment	-	4,234	187	8,000	513	5,000
7806 Software licenses-new	-	-	-	6,500	-	7,000
7820 Office furniture & equipment	2,552	59	238	3,500	240	1,500
7835 Tools, shop and garage equipment	3,550	3,442	3,447	12,000	2,243	20,000
7899 Other minor tools & equipment	15,634	21,580	25,877	30,000	5,619	10,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>254,537</u>	<u>355,022</u>	<u>395,804</u>	<u>503,700</u>	<u>299,716</u>	<u>657,238</u>
	1,076,642	1,651,724	2,016,455	2,038,321	1,844,296	2,191,333



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Manuel G Arredondo
Title: Electric Operations Manager
Telephone Ext: 6323
Dept. No: 2130

**PERFORMANCE MEASURES
FOR THE**

ELECTRIC TRANSMISSION AND DISTRIBUTION CONSTRUCTION AND MAINTENANCE DEPARTMENT

Department Function:

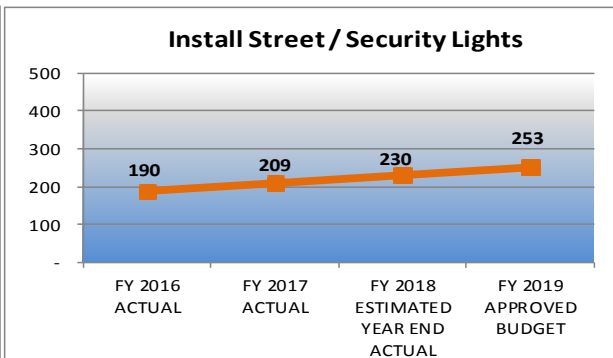
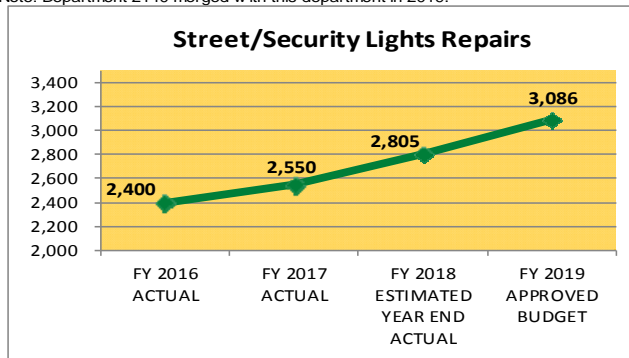
Responsible for the operation, construction and maintenance of the electrical system in order to provide safe, timely, and reliable service. Also responsible for the transmission and distribution of electric power from the internal and external power sources to the customer.

Department Goals/Objectives:

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

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Staff	28	28	28	50
O&M Expenses	\$ 1,213,610	\$ 1,307,246	\$ 1,519,155	\$ 3,307,461
OUTPUT MEASURES				
Street/Security Lights Repairs	2,400	2,550	2,805	3,086
Miles of Line Washed	44	5	60	60
Set/Replace Transformers	190	118	130	143
Set/Replace Poles	160	100	110	121
Locate/Repair Underground Residential Distribution Faults	140	110	121	133
Work orders Completed	260	286	315	346
General Service Request Closed	4,500	4,950	5,445	5,990
EFFICIENCY MEASURES				
Install Street / Security Lights	190	209	230	253
New Connections	1,600	1,115	1,227	1,349
Average Power Restoration Time per Outage (hrs.)	1.5	2	2	2
Average time of Street Light Repair (Cal. Days)	3	3	4	4
Average time of Security Light Repair (Cal. Days)	3	3	4	4

Note: Department 2140 merged w ith this department in 2019.



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

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 38,350	\$ 88,879	\$ 92,498	\$ 92,706	\$ 92,706	\$ 92,706
6105 Administrative Staff	-	5,029	2,219	-	-	-
6110 Clerical staff	15,877	16,239	18,194	16,923	17,323	16,931
6115 Operational staff	571,978	421,186	481,170	570,188	485,194	1,292,853
6130 Overtime	38,971	43,579	39,101	30,894	42,859	102,327
6201 T.M.R.S.	90,665	98,219	113,945	121,483	107,429	250,625
6205 F.I.C.A.	39,007	34,766	38,000	42,149	34,311	86,954
6210 Medicare	9,122	8,131	8,887	9,857	8,024	20,336
6214 Dental Insurance	3,749	3,175	3,247	4,436	3,187	9,124
6215 Hospitalization insurance	113,864	101,821	106,840	143,281	108,942	290,895
6220 Life Insurance	878	710	768	749	583	1,685
6221 Long Term Disability Insurance	1,680	1,357	1,503	1,360	455	2,805
6225 Workers Compensation	18,046	15,265	16,428	16,995	15,308	35,062
6230 Vacation leave	1,862	(794)	10,239	8,226	7,640	17,907
6235 Sick leave	(12,615)	(7,369)	22,473	9,042	8,383	19,698
6260 Vacancy Savings	-	-	-	(51,006)	-	(104,999)
<i>O&M PERSONNEL TOTAL</i>	<u>931,434</u>	<u>830,191</u>	<u>955,512</u>	<u>1,017,283</u>	<u>932,345</u>	<u>2,134,911</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	703	171	43	350	294	1,300
7110 Dues & memberships	447	1,202	772	1,500	735	3,000
7120 Office supplies	1,719	2,434	2,236	5,000	4,168	10,000
7130 Postage/shipping charges	263	710	374	1,500	71	5,000
7140 Training expenses	3,100	7,150	2,925	3,000	-	3,000
7145 Travel expenses	1,126	6,084	3,943	2,500	-	4,000
7180 Utilities - departmental	2,126	2,183	2,668	3,500	2,200	13,000
7201 Barricades & signs	-	94	-	3,200	-	14,300
7203 Sand, Caliche, Gravel, Concrete etc	1,096	830	1,868	3,500	-	16,000
7205 Lamps, globes & flares	4,866	3,834	3,738	7,000	13,117	30,000
7210 Landscaping/Trade a Tree Program	-	77	288	500	128	2,000
7215 Laundry & janitorial supplies	-	21	-	-	-	-
7225 Safety supplies	15,709	17,526	14,253	20,700	19,289	41,300
7299 Other materials & supplies	67,210	112,250	105,959	76,350	51,447	103,150
7310 Federal, state, & local fees	-	768	-	-	-	-
7315 Food, meals, ice, water	873	1,334	1,339	2,000	1,046	5,000
7325 Rental of equip/storage/land	19,330	5,544	4,957	30,000	4,251	53,800
7335 Wearing apparel & dry goods	36,306	41,146	45,035	35,000	69,467	35,000
7415 Fuels & lubricants	56,571	44,983	56,662	50,000	78,230	50,000
7501 Maint. of buildings & structures	-	833	-	800	620	10,000
7520 Maint. of minor equipment	-	8,641	-	13,000	-	13,000
7540 Maint. of line transformers	3,515	5,532	12,778	9,000	3,025	51,000
7550 Maint. of overhead lines	10,324	39,532	16,081	35,000	97,081	91,000
7555 Maint. of station equipment	-	26,723	-	30,000	-	30,000
7565 Maint. of street lighting & signals	5,030	2,685	7,012	6,000	18,508	75,000
7570 Maint. of underground lines	5,054	3,661	20,817	6,000	84,048	160,000
7599 Maintenance / other	193	-	1,623	2,000	3,289	70,000
7645 Maintenance services	-	926	1,350	700	-	20,000
7699 Other services	12,565	7,539	7,187	12,500	4,164	90,000
7801 Communication equipment	276	886	729	1,200	10,801	1,500
7805 Computer equipment	914	593	104	1,000	935	4,000
7820 Office furniture & equipment	1,661	2,695	-	2,500	431	15,000
7835 Tools, shop and garage equipment	42,583	6,802	6,838	18,000	12,119	75,000
7899 Other minor tools & equipment	15,414	28,029	30,154	24,000	107,346	77,200
<i>O&M NON-PERSONNEL TOTAL</i>	<u>308,975</u>	<u>383,419</u>	<u>351,734</u>	<u>407,300</u>	<u>586,810</u>	<u>1,172,550</u>
	1,240,409	1,213,610	1,307,246	1,424,583	1,519,155	3,307,461



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Manuel G Arredondo
Title: Electric Operations Manager
Telephone Ext: 6323
Dept. No: 2140

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

Department Function:

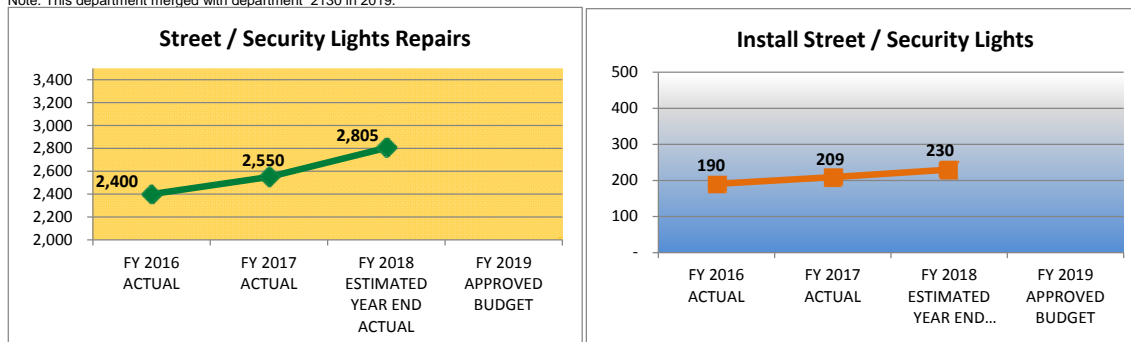
The Electric Transmission & Distribution (T&D) Maintenance Department is responsible for the operation, construction, and maintenance of the electrical system in order to provide safe, timely, and reliable service. The department is also responsible for the transmission and distribution of electric power from internal and external power sources to the customer.

Department Goals/Objectives:

Maintain Brownsville PUB's electric infrastructure in good condition to provide quality and reliable power to the customers.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Staff	22	22	22	-
Total O&M Expenses	\$ 2,097,582	\$ 1,752,987	\$ 1,367,279	\$ -
OUTPUT MEASURES				
Street / Security Lights Repairs	2,400	2,550	2,805	-
Electrical Inspections	2,000	2,200	2,420	-
Set / Replace Transformers	190	118	130	-
Set / Replace Poles	160	100	110	-
Locate / Repair URD Faults	140	110	121	-
Work orders Completed	260	286	315	-
General Service Request Closed	4,500	4,950	5,445	-
EFFICIENCY MEASURES				
Install Street / Security Lights	190	209	230	-
New Connections	1,600	1,115	1,227	-
Average Power Restoration Time per Outage (hrs.)	1.5	2	2	-
Average time of Street Light Repair (Cal. Days)	3	3	4	-
Average time of Security Light Repair (Cal. Days)	3	3	4	-

Note: This department merged with department 2130 in 2019.



**DEPARTMENT 2140 - ELECTRIC TRANSMISSION AND DISTRIBUTION
MAINTENANCE**

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 45,929	\$ 7,290	\$ -	\$ -	\$ -	\$ -
6110 Clerical staff	15,428	16,298	-	-	-	-
6115 Operational staff	1,117,527	1,055,459	731,860	738,137	587,005	-
6130 Overtime	38,781	12,355	29,455	20,000	33,597	-
6140 Severance Pay	-	-	-	-	5,200	-
6201 T.M.R.S.	165,790	179,521	133,659	131,905	106,470	-
6205 F.I.C.A.	72,083	64,764	44,937	45,765	34,565	-
6210 Medicare	16,858	15,146	10,509	10,703	8,084	-
6214 Dental Insurance	6,887	6,057	4,012	4,688	3,181	-
6215 Hospitalization insurance	182,978	179,237	119,325	143,043	98,896	-
6220 Life Insurance	1,524	1,384	937	810	591	-
6221 Long Term Disability Insurance	2,880	2,607	1,798	1,476	449	-
6225 Workers Compensation	32,042	27,539	19,004	18,453	14,987	-
6230 Vacation leave	(6,125)	(23,334)	9,539	8,931	1,404	-
6235 Sick leave	12,166	(71,487)	3,406	9,817	4,060	-
6260 Vacancy Savings	-	-	-	(54,749)	-	-
<i>O&M PERSONNEL TOTAL</i>	<u>1,704,747</u>	<u>1,472,836</u>	<u>1,108,441</u>	<u>1,078,978</u>	<u>898,489</u>	<u>-</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	339	-	-	500	-	-
7110 Dues & memberships	675	183	610	800	139	-
7120 Office supplies	2,032	2,570	1,699	2,000	1,021	-
7130 Postage/shipping charges	116	122	115	250	130	-
7135 Telephone expenses	-	-	70	200	-	-
7140 Training expenses	590	250	-	-	-	-
7145 Travel expenses	1,290	727	2,970	1,000	-	-
7203 Sand, Caliche, Gravel, Concrete etc	250	1,749	1,922	1,500	-	-
7205 Lamps, globes & flares	5,494	757	-	7,000	-	-
7210 Landscaping/Trade a Tree Program	-	-	30	-	-	-
7215 Laundry & janitorial supplies	110	-	-	-	-	-
7225 Safety supplies	8,880	6,517	9,547	7,000	5,349	-
7299 Other materials & supplies	179,986	69,410	58,295	80,000	50,895	-
7310 Federal, state, & local fees	-	1,408	-	-	-	-
7315 Food, meals, ice, water	389	595	291	700	314	-
7325 Rental of equip/storage/land	31,624	13,659	32,056	30,000	1,975	-
7335 Wearing apparel & dry goods	38,330	30,631	27,978	30,000	42,541	-
7415 Fuels & lubricants	60,129	40,385	40,688	50,000	46,656	-
7501 Maint. of buildings & structures	1,268	644	5,245	5,000	-	-
7505 Maint. of communication equipment	-	270	303	1,000	-	-
7520 Maint. of minor equipment	1,513	-	-	-	-	-
7535 Maint. of electric plant	-	-	-	-	167	-
7540 Maint. of line transformers	62,869	72,086	91,897	115,000	58,206	-
7550 Maint. of overhead lines	46,200	49,779	25,791	68,000	26,574	-
7565 Maint. of street lighting & signals	142,548	161,366	153,195	139,200	156,944	-
7570 Maint. of underground lines	19,613	65,821	69,150	75,000	29,265	-
7599 Maintenance / other	27,968	24,027	12,823	25,000	1,263	-
7630 Construction contractor services	-	275	-	-	-	-
7645 Maintenance services	389	-	-	-	-	-
7699 Other services	6,485	7,006	6,274	11,500	560	-
7801 Communication equipment	-	-	29,607	35,000	460	-
7805 Computer equipment	-	815	587	3,500	-	-
7820 Office furniture & equipment	-	40	2,822	3,000	-	-
7835 Tools, shop and garage equipment	77,178	60,172	59,723	60,500	33,261	-
7899 Other minor tools & equipment	2,663	13,482	10,860	21,500	13,070	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>718,927</u>	<u>624,746</u>	<u>644,546</u>	<u>774,150</u>	<u>468,790</u>	<u>-</u>
	2,423,674	2,097,582	1,752,987	1,853,128	1,367,279	-



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 Compliance Standards, ERCOT Guides and Protocols. 2. Provide coordination between ERCOT or other utilities and Brownsville PUB during emergency situations as well as normal operations. 3. Purchase fuel and arrange for the transportation of fuel to Silas Ray power plant. 4. Economically dispatch generation to meet Brownsville PUB load requirements. 5. Coordinate transmission outages within Brownsville PUB as well as with neighboring utilities and ERCOT. 6. Take customer calls and respond by filling out service requests in Cityworks and dispatching said requests to the Electric, Water and Wastewater departments as needed. 7. Keep management informed of situations and outages affecting Brownsville PUB systems 24 hours a day, seven days a week. 8. Perform duties of the Customer Service Department after normal business hours.

Department Goals/Objectives:

Perform all of the above 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

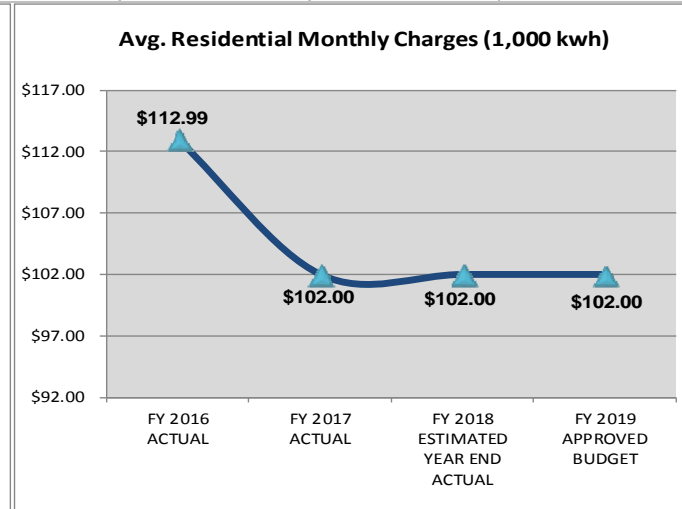
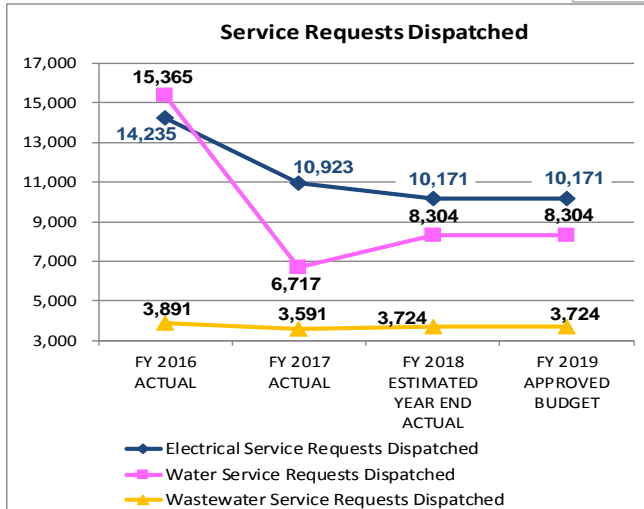
OUTCOME MEASURES

Fatalities or Injuries as a Result of Switching
All Certified Operators Maintain NERC Certification

EFFICIENCY MEASURES

Avg. Residential Monthly Charges (1,000 kwh)
Load Forecast Within 10% of Actual for 90% of the Year

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees	15	15	15	15
Total O&M Expenses	\$ 1,375,352	\$ 1,562,728	\$ 1,586,830	\$ 1,496,509
Operational Reports (daily)	16	16	16	16
Electrical Service Requests Dispatched	14,235	10,923	10,171	10,171
Water Service Requests Dispatched	15,365	6,717	8,304	8,304
Wastewater Service Requests Dispatched	3,891	3,591	3,724	3,724
SCADA Service Requests Dispatched	127	116	147	147
Fatalities or Injuries as a Result of Switching	None	None	None	None
All Certified Operators Maintain NERC Certification	Yes	Yes	Yes	Yes
Avg. Residential Monthly Charges (1,000 kwh)	\$ 112.99	\$ 102.00	\$ 102.00	\$ 102.00
Load Forecast Within 10% of Actual for 90% of the Year	Yes	Yes	Yes	Yes



DEPARTMENT 2150 - ENERGY CONTROL CENTER OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 105,063	\$ 102,321	\$ 104,722	\$ 104,957	\$ 104,957	\$ 104,957
6105 Administrative Staff	6,014	-	-	-	-	-
6110 Clerical staff	35,922	59,804	64,151	64,305	65,952	64,314
6115 Operational staff	738,375	718,533	772,982	751,964	827,663	800,342
6130 Overtime	38,105	42,391	85,075	66,519	65,746	70,432
6201 T.M.R.S.	125,632	155,365	181,367	164,623	190,356	173,270
6205 F.I.C.A.	55,261	55,913	60,869	57,116	63,139	60,116
6210 Medicare	12,924	13,077	14,236	13,358	14,766	14,059
6214 Dental Insurance	3,687	3,721	4,067	4,185	4,081	4,185
6215 Hospitalization insurance	104,329	115,865	136,956	141,962	138,682	142,271
6220 Life Insurance	1,129	1,154	1,209	959	1,057	1,099
6221 Long Term Disability Insurance	2,230	2,276	2,415	1,843	794	1,939
6225 Workers Compensation	23,087	23,445	25,627	23,031	26,649	24,240
6230 Vacation leave	507	(4,973)	11,261	11,147	(1,573)	12,380
6235 Sick leave	17,527	6,533	22,254	12,252	12,608	13,618
6240 Educational assistance	-	-	-	-	1,646	-
6260 Vacancy Savings	-	-	-	(66,415)	-	(69,540)
<i>O&M PERSONNEL TOTAL</i>	<u>1,269,794</u>	<u>1,295,424</u>	<u>1,487,189</u>	<u>1,351,804</u>	<u>1,516,523</u>	<u>1,417,683</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	110	500	-	500
7110 Dues & memberships	640	1,940	3,415	2,800	780	3,600
7120 Office supplies	1,301	1,850	1,456	2,000	1,690	2,000
7130 Postage/shipping charges	76	-	-	200	-	200
7140 Training expenses	10,950	25,431	23,440	25,000	20,369	12,156
7145 Travel expenses	19,905	21,530	24,904	33,037	24,655	27,275
7180 Utilities - departmental	13,948	11,323	12,140	13,000	11,109	13,000
7299 Other materials & supplies	21	578	375	600	393	600
7315 Food, meals, ice, water	379	972	645	1,500	848	1,500
7325 Rental of equip/storage/land	5,495	4,839	5,358	6,200	4,837	6,200
7335 Wearing apparel & dry goods	185	-	-	-	-	-
7415 Fuels & lubricants	-	-	-	500	-	500
7501 Maint. of buildings & structures	382	533	162	1,500	1,507	2,000
7505 Maint. of communication equipment	-	472	48	850	479	850
7645 Maintenance services	325	-	-	1,250	630	1,250
7699 Other services	-	5,635	-	-	-	1,500
7805 Computer equipment	-	646	424	450	45	550
7806 Software licenses-new	-	32	-	800	480	800
7820 Office furniture & equipment	-	3,208	2,087	2,484	2,457	2,345
7899 Other minor tools & equipment	480	939	975	2,000	30	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>54,086</u>	<u>79,928</u>	<u>75,539</u>	<u>94,671</u>	<u>70,307</u>	<u>78,826</u>
	1,323,880	1,375,352	1,562,728	1,446,475	1,586,830	1,496,509



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



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

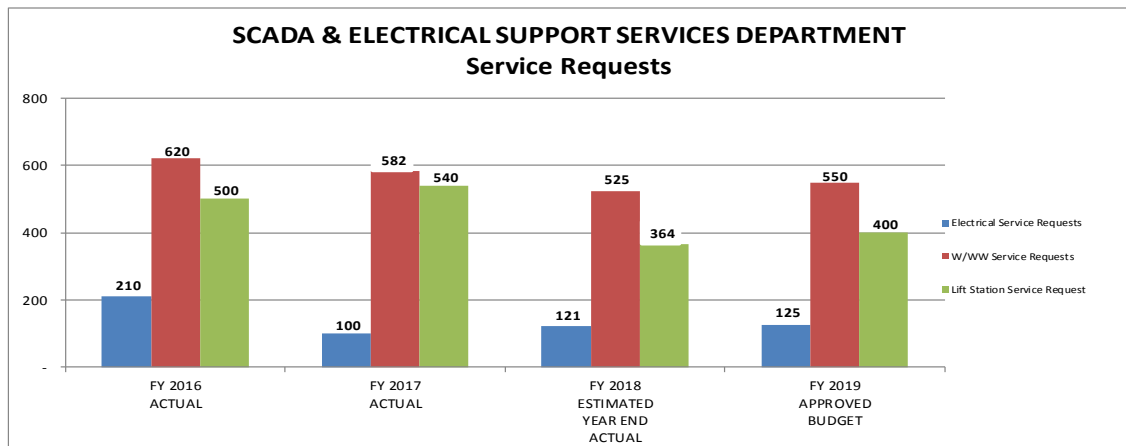
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees	19	19	22	23
O&M Personnel Expenses	\$ 1,159,160	\$ 1,349,153	\$ 1,608,098	\$ 1,680,189
O&M Non-Personnel Expenses	\$ 872,207	\$ 882,849	\$ 1,141,307	\$ 1,119,020
Instrumentation Locations of the Electric SCADA System	45	45	45	45
Miles of Fiber Maintained	90	100	100	100
Instrumentation Locations of the W/WW SCADA System	78	78	78	100
Instrumentation Locations of the Lift Stations	185	185	185	185
Number of Service Requests For Electric SCADA System	210	100	121	125
Number of Service Requests For W/WW SCADA System	620	582	525	550
Number of Service Requests For Lift Stations	500	540	364	400
Back-Up Generator Maintenance	32	32	8	8
Invoices/Transactions Processed & Contracts Maintained	300	300	300	350
Number of Service Requests For Electric SCADA System Completed	174	93	112	120
Number of Service Requests For W/WW SCADA System Completed	588	536	503	500
Number of Service Requests For Lift Stations Completed	457	518	362	490
% Number of Service Requests For Electric SCADA System	83%	93%	93%	96%
% Number of Service Requests For W/WW SCADA System	95%	92%	96%	91%
% Number of Service Requests For Lift Stations	91%	96%	99%	123%



DEPARTMENT 2210 – SCADA & ELECTRICAL SUPPORT SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 230,933	\$ 145,741	\$ 159,753	\$ 277,618	\$ 266,078	\$ 283,816
6105 Administrative Staff	46,311	85,193	161,759	205,946	192,762	253,448
6110 Clerical staff	31,709	31,575	33,320	32,469	33,449	32,469
6115 Operational staff	507,198	522,080	534,216	609,877	567,039	595,213
6130 Overtime	14,109	12,697	21,436	20,000	23,491	24,297
6201 T.M.R.S.	113,143	132,693	164,052	201,200	194,201	208,051
6205 F.I.C.A.	49,382	47,144	54,758	69,806	64,000	72,227
6206 Suta	730	-	(714)	-	-	-
6210 Medicare	11,549	11,026	12,806	16,326	14,968	16,892
6214 Dental Insurance	4,150	4,082	4,518	6,138	5,546	6,417
6215 Hospitalization insurance	119,088	133,824	149,292	186,060	184,700	208,815
6220 Life Insurance	1,120	1,056	1,156	2,912	1,191	1,364
6221 Long Term Disability Insurance	2,170	2,037	2,275	2,612	889	2,330
6225 Workers Compensation	20,762	19,995	23,179	28,148	27,170	29,124
6230 Vacation leave	(11,198)	(980)	4,593	13,623	12,871	14,874
6235 Sick leave	(48,408)	10,997	22,753	14,975	19,743	16,362
6260 Vacancy Savings	-	-	-	(81,956)	-	(85,508)
<i>O&M PERSONNEL TOTAL</i>	<u>1,092,748</u>	<u>1,159,160</u>	<u>1,349,153</u>	<u>1,605,753</u>	<u>1,608,098</u>	<u>1,680,189</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	638	-	-	-	-	-
7110 Dues & memberships	1,112	1,297	1,371	1,300	680	1,500
7120 Office supplies	2,792	3,149	2,440	4,500	2,402	4,500
7130 Postage/shipping charges	450	954	881	500	1,243	500
7140 Training expenses	175	4,104	10,345	9,795	12,687	11,150
7145 Travel expenses	1,643	9,617	11,624	11,700	18,827	17,870
7180 Utilities - departmental	2,371	1,838	2,072	2,500	2,285	2,500
7190 Utilities - CP&L & Mvec	19	-	-	-	-	-
7225 Safety supplies	2,276	2,131	2,495	5,000	7,602	5,000
7299 Other materials & supplies	281,895	251,780	249,103	250,000	351,919	257,000
7304 Hurricane Preparedness Expenses	206,200	198,082	195,168	200,000	215,992	200,000
7305 ERCOT expenses	100,055	144,943	121,476	190,000	126,555	150,000
7310 Federal, state, & local fees	-	70	332	500	340	500
7315 Food, meals, ice, water	1,029	952	1,602	1,500	1,283	2,000
7325 Rental of equip/storage/land	-	406	262	800	254	800
7335 Wearing apparel & dry goods	12,318	11,225	12,407	15,000	19,008	10,000
7415 Fuels & lubricants	17,601	14,706	18,794	18,000	21,884	22,000
7501 Maint. of buildings & structures	1,211	16,969	15,161	10,000	6,518	10,000
7505 Maint. of communication equipment	3,530	2,436	26,282	56,000	103	5,000
7635 Software maintenance service fees	32,297	39,669	49,635	60,000	42,508	50,000
7645 Maintenance services	108,771	126,926	118,673	205,000	242,010	285,000
7801 Communication equipment	3,442	11,711	8,062	20,000	18,101	20,000
7805 Computer equipment	910	14,002	20,735	30,000	14,592	20,700
7806 Software licenses-new	58,282	4,401	2,869	35,000	17,676	25,000
7820 Office furniture & equipment	2,528	1,876	2,607	8,500	5,880	7,000
7899 Other minor tools & equipment	7,695	8,962	8,453	10,500	10,959	11,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>849,237</u>	<u>872,207</u>	<u>882,849</u>	<u>1,146,095</u>	<u>1,141,307</u>	<u>1,119,020</u>
	1,941,985	2,031,367	2,232,002	2,751,848	2,749,405	2,799,209



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Rolando Lozano, P.E.

Title: Power Plant Manager

Telephone Ext: 6404

Dept. No. 2220

**PERFORMANCE MEASURES
FOR THE
POWER PRODUCTION DEPARTMENT**

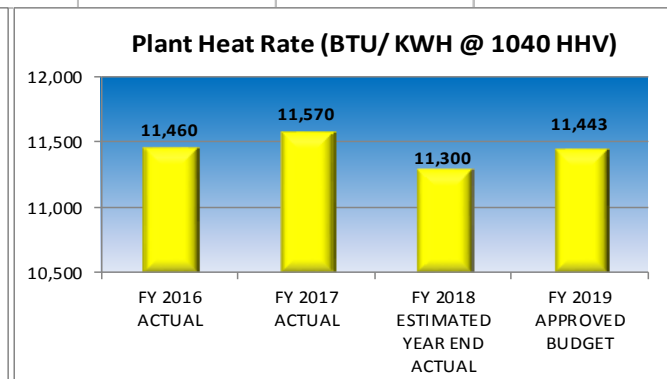
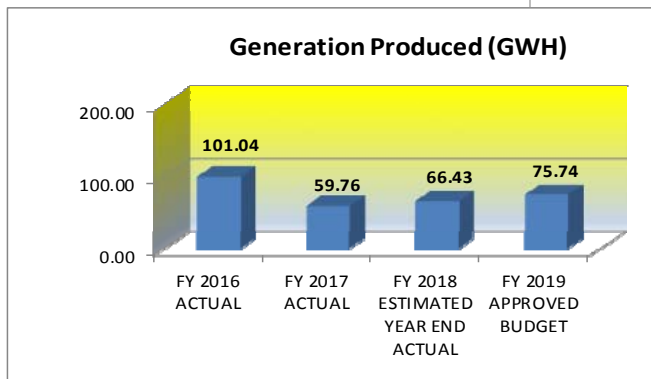
Department Function:

This department is responsible for the operation of the Brownsville PUB wholly owned Silas Ray Power Station as well as 10 remote distributive generation units located throughout the City of Brownsville. In addition, the department administers and tracks the operation and maintenance costs of two co-owned generating facilities: the coal-fired Oklaunion Power Station and the combined cycle Hidalgo Energy Center. In total, this department oversees the production aspect of approximately 350 megawatts in generating capacity.

Department Goals/Objectives:

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

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Employees (FTE's)	27	27	27	27
Overtime (Hours)	4,526	3,394	3,160	3,030
O&M Personnel Expenses	\$ 2,104,125	\$ 2,222,859	\$ 2,210,745	\$ 2,139,962
O&M Non-Personnel Expenses	\$ 9,447,504	\$ 10,406,888	\$ 11,071,763	\$ 10,213,530
OUTPUT MEASURES				
Generation Produced (GWH)	101.04	59.76	66.43	75.74
Availability (%)	89%	88%	75%	84%
OUTCOME MEASURES - Silas Ray				
Revenue, Gross (\$Base: Gen @ \$0.10/kwh)	\$ 9,716,000	\$ 8,798,851	\$ 8,235,246	\$ 9,257,426
Other Revenue (\$ for Contract Services)	\$ 534,360	\$ 553,616	\$ -	\$ -
EFFICIENCY MEASURES				
Plant Heat Rate (BTU/ KWH @ 1040 HHV)	11,460	11,570	11,300	11,443
Reliability (%)	96.98%	98.51%	98.12%	97.87%



DEPARTMENT 2220 - POWER PRODUCTION

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 235,819	\$ 182,186	\$ 244,332	\$ 251,867	\$ 251,867	\$ 251,867
6105 Administrative Staff	113,217	188,949	137,967	138,409	116,019	136,531
6110 Clerical staff	25,300	10,550	25,041	25,791	25,891	25,792
6115 Operational staff	988,090	1,001,275	991,604	1,016,040	1,015,186	1,018,784
6130 Overtime	134,356	74,585	123,587	110,000	124,362	106,297
6201 T.M.R.S.	204,849	242,318	268,892	255,918	275,509	255,930
6205 F.I.C.A.	89,046	86,289	89,483	88,791	90,730	88,844
6206 Suta	-	5,472	2,206	-	-	-
6210 Medicare	20,825	20,180	20,928	20,766	21,219	20,778
6214 Dental Insurance	7,197	6,962	7,061	7,533	6,999	7,533
6215 Hospitalization insurance	217,084	230,180	242,503	256,341	241,125	253,839
6220 Life Insurance	1,853	1,851	1,857	1,852	1,555	1,666
6221 Long Term Disability Insurance	3,441	3,428	3,614	2,934	1,170	2,866
6225 Workers Compensation	37,637	36,542	38,206	35,803	38,511	35,824
6230 Vacation leave	11,828	2,405	11,515	17,329	(1,442)	18,296
6235 Sick leave	14,724	10,954	14,063	19,047	2,044	20,126
6260 Vacancy Savings	-	-	-	(105,102)	-	(105,013)
<i>O&M PERSONNEL TOTAL</i>	<u>2,105,266</u>	<u>2,104,125</u>	<u>2,222,859</u>	<u>2,143,319</u>	<u>2,210,745</u>	<u>2,139,962</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	401	1,252	464	2,368	57	2,600
7110 Dues & memberships	945	602	235	1,425	730	1,675
7120 Office supplies	6,512	2,211	2,467	2,500	1,706	2,800
7130 Postage/shipping charges	14,415	6,326	7,288	10,000	6,378	17,000
7140 Training expenses	9,470	6,305	16,207	-	12,290	15,000
7145 Travel expenses	18,067	17,215	20,501	18,824	20,167	20,000
7147 Mileage Reimbursement (InTownExp)	-	-	-	300	-	300
7180 Utilities - departmental	176,615	208,473	226,392	220,000	156,811	220,000
7215 Laundry & janitorial supplies	4,038	1,689	3,631	2,885	2,582	3,000
7225 Safety supplies	1,972	2,421	4,377	2,500	1,574	2,500
7293 Chemicals - other	39,706	115,578	67,163	95,000	66,803	95,000
7299 Other materials & supplies	19,001	9,964	10,078	10,000	19,407	17,400
7310 Federal, state, & local fees	140	-	-	500	-	500
7315 Food, meals, ice, water	1,254	906	1,010	1,000	928	1,000
7325 Rental of equip/storage/land	9,662	5,312	5,580	10,000	3,682	10,000
7335 Wearing apparel & dry goods	25,107	28,817	33,258	25,000	50,955	30,000
7415 Fuels & lubricants	3,367	2,286	4,718	3,400	6,012	3,400
7501 Maint. of buildings & structures	9,343	25,274	14,693	38,400	21,165	38,400
7505 Maint. of communication equipment	-	980	1,592	6,000	-	3,500
7515 Maint. of major equipment	941,891	299,558	318,388	2,057,250	1,850,002	541,000
7520 Maint. of minor equipment	28,080	40,990	68,311	27,360	36,886	28,210
7525 Maint. of boiler plant	140,150	305,113	166,938	137,000	230,693	167,500
7605 Engineering fees	8,297	10,200	20,504	45,000	-	25,000
7635 Software maintenance service fees	-	-	-	9,040	4,080	67,000
7645 Maintenance services	20,706	86,107	103,541	227,500	132,437	138,500
7699 Other services	4,064	11,668	27,107	19,200	9,984	15,700
7703 Fuel - Diesel oil - Silas Ray	790	1,269	-	-	-	-
7731 Pchp - Fixed expenses - Oklaunion	6,943,411	5,098,846	4,873,643	5,797,673	5,072,182	4,806,560
7732 Pchp - Hidalgo Fixed Operation Fee	2,850,313	3,148,987	4,392,322	3,244,412	3,357,299	3,933,785
7805 Computer equipment	43	-	-	-	644	800
7806 Software licenses-new	14,881	623	8,436	-	3,564	-
7820 Office furniture & equipment	854	3,987	336	-	31	1,200
7899 Other minor tools & equipment	7,640	4,543	7,707	2,000	2,712	4,200
<i>O&M NON-PERSONNEL TOTAL</i>	<u>11,301,135</u>	<u>9,447,504</u>	<u>10,406,888</u>	<u>12,016,537</u>	<u>11,071,763</u>	<u>10,213,530</u>
	13,406,401	11,551,629	12,629,747	14,159,856	13,282,508	12,353,492



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Eliazar Perez, P.E.
Title: Engineering Manager
Telephone Ext: 6258
Dept. No: 2310

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

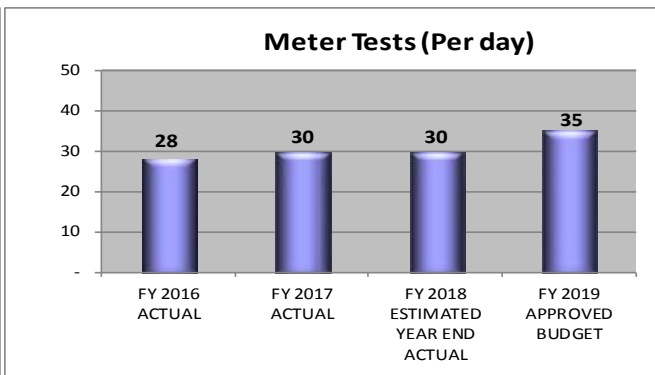
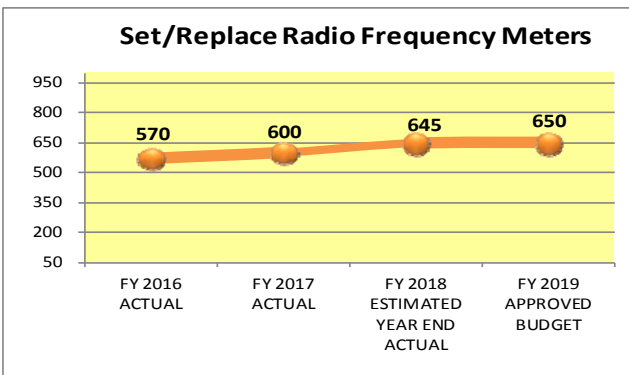
Department Function:

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Staff	8	8	8	8
ERCOT TDSP Meters	8	8	6	8
Total O&M Expenses	\$ 604,616	\$ 640,743	\$ 839,186	\$ 750,705
OUTPUT MEASURES				
Install/ Maintain CT Rated Demand Meters	310	330	350	350
Meter Investigation	1,630	1,710	1,867	2,100
Set/Replace Radio Frequency Meters	570	600	645	650
Total Meter Tests	6,600	6,930	7,277	8,500
Total Service Orders Resolved	5,280	5,540	7,560	8,500
OUTCOME MEASURES				
Comply With ERCOT	Yes	Yes	Yes	Yes
EFFICIENCY MEASURES				
Meter Tests (Per day)	28	30	30	35
Service Orders Closed (Per day)	22	24	32	50



DEPARTMENT 2310 - ELECTRIC METER SHOP

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 17	\$ -	\$ -	\$ -	\$ -	\$ -
6105 Administrative Staff	36,893	47,466	52,782	53,080	57,162	60,154
6115 Operational staff	263,711	220,394	228,886	267,488	264,655	270,067
6130 Overtime	7,176	4,575	11,911	10,000	11,420	13,981
6201 T.M.R.S.	44,916	45,895	51,552	57,285	59,820	59,010
6205 F.I.C.A.	19,418	16,329	17,144	19,875	19,561	20,474
6206 Suta	-	-	-	-	268	-
6210 Medicare	4,541	3,819	4,010	4,648	4,575	4,788
6214 Dental Insurance	1,953	1,634	1,756	2,232	2,078	2,232
6215 Hospitalization insurance	58,364	52,771	57,165	68,428	69,332	75,625
6220 Life Insurance	409	357	377	358	382	399
6221 Long Term Disability Insurance	668	574	617	558	234	577
6225 Workers Compensation	8,263	6,943	7,286	8,014	8,486	8,256
6230 Vacation leave	4,066	1,309	3,542	3,879	411	4,216
6235 Sick leave	(3,261)	10,433	8,462	4,264	15,447	4,638
6250 Miscellaneous personnel benefits	-	-	-	-	7,467	500
6260 Vacancy Savings	-	-	-	(24,098)	-	(25,079)
<i>O&M PERSONNEL TOTAL</i>	<u>447,135</u>	<u>412,499</u>	<u>445,489</u>	<u>476,011</u>	<u>521,297</u>	<u>499,839</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	522	337	1,101	500	-	500
7110 Dues & memberships	-	-	122	200	-	200
7120 Office supplies	2,252	884	858	1,200	1,358	1,300
7130 Postage/shipping charges	513	301	872	800	796	800
7135 Telephone expenses	-	238	-	500	-	500
7140 Training expenses	307	815	1,350	650	7,006	4,616
7145 Travel expenses	829	3,279	8,706	6,500	12,324	9,750
7225 Safety supplies	-	134	662	1,000	794	1,500
7299 Other materials & supplies	22,249	34,962	25,306	27,000	31,235	32,100
7310 Federal, state, & local fees	128	-	-	-	-	-
7315 Food, meals, ice, water	94	86	211	600	155	600
7320 Official functions	20	-	-	-	-	-
7325 Rental of equip/storage/land	3,629	2,729	1,525	2,500	2,969	3,000
7335 Wearing apparel & dry goods	6,872	6,576	7,089	6,000	10,779	8,500
7415 Fuels & lubricants	9,064	7,101	7,952	7,000	9,997	10,000
7501 Maint. of buildings & structures	-	-	1,200	2,000	4,024	2,000
7505 Maint. of communication equipment	1,364	-	-	500	7,196	10,000
7530 Maint. of electric meters	73,161	106,787	128,331	120,000	207,575	150,000
7599 Maintenance / other	205	350	1,955	2,000	762	2,000
7699 Other services	8,651	1,118	2,083	2,000	-	2,000
7801 Communication equipment	-	112	-	-	12,323	-
7805 Computer equipment	-	496	732	3,000	1,477	1,000
7806 Software licenses-new	-	4,223	1,040	700	-	500
7820 Office furniture & equipment	-	716	1,520	2,500	1,158	2,000
7835 Tools, shop and garage equipment	1,137	11,829	854	800	2,251	3,000
7899 Other minor tools & equipment	5,795	9,043	1,785	3,500	3,713	5,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>136,793</u>	<u>192,117</u>	<u>195,254</u>	<u>191,450</u>	<u>317,889</u>	<u>250,866</u>
	583,928	604,616	640,743	667,461	839,186	750,705



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



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

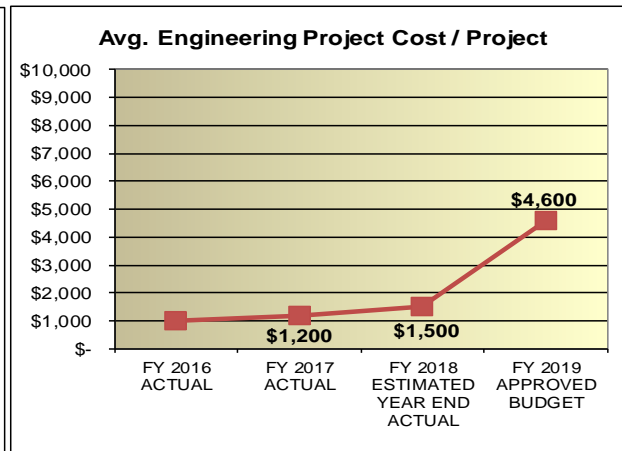
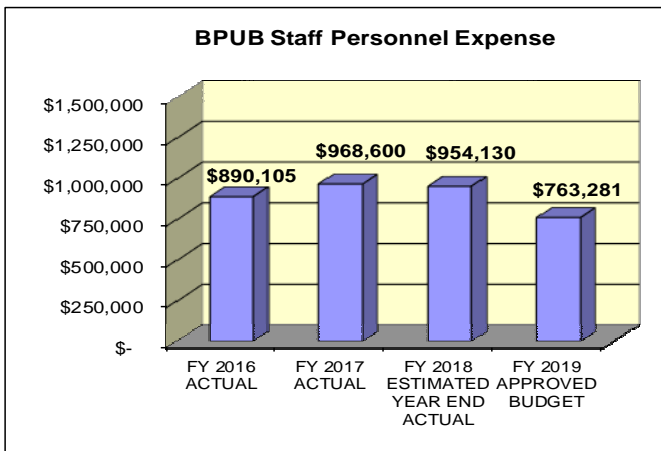
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
O&M Personnel Expenses	\$ 890,105	\$ 968,600	\$ 954,130	\$ 763,281
O&M Non-Personnel Expenses	\$ 1,067,001	\$ 1,153,171	\$ 985,926	\$ 1,228,280
Number of Customers (based on Work Orders)	315	325	330	300
Number of Street Lights	160	160	130	100
Number of Trees Trimmed	8,600	9,200	9,300	9,000
Number of Trouble Calls Completed	1,900	1,900	2,000	1,500
AEP - Magic Valley Conversions	5	3	4	2
Residential Lots Designed	400	500	510	450
Commercial Lots Designed	130	140	143	130
Substations Designed	2	1	1	2
New Feeders Designed	3	2	2	2
Services Designed in Multi-Certified Areas	250	250	250	100
Customers per Employee (year)	30.00	30.00	28.00	28.00
Work Order Accuracy	85%	90%	95%	95%
System Losses (MWH Purchased- MWH Sold)	5.50%	6.00%	6.00%	5.70%
Avg. Engineering Project Cost / Project	\$ 1,000	\$ 1,200	\$ 1,500	\$ 4,600



DEPARTMENT 2410 - ELECTRIC ENGINEERING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ 68,998	\$ 79,830	\$ 80,402	\$ 80,532	\$ 80,402
6105 Administrative Staff	388,292	478,872	522,390	449,747	505,820	420,950
6110 Clerical staff	61,183	61,994	54,204	46,458	54,522	46,467
6115 Operational staff	43	-	-	-	-	-
6130 Overtime	189	428	592	269	118	2,404
6201 T.M.R.S.	62,620	101,854	115,335	95,645	116,825	97,838
6205 F.I.C.A.	28,038	37,187	39,335	33,184	39,382	33,965
6210 Medicare	6,557	8,697	9,199	7,761	9,210	7,943
6214 Dental Insurance	2,536	3,125	3,263	3,306	3,187	2,720
6215 Hospitalization insurance	61,905	82,170	95,335	97,866	94,065	78,909
6220 Life Insurance	624	825	872	572	732	632
6221 Long Term Disability Insurance	1,198	1,594	1,720	1,070	573	1,096
6225 Workers Compensation	11,965	16,590	16,295	13,381	16,463	13,695
6230 Vacation leave	8,694	11,793	10,868	6,977	4,078	6,994
6235 Sick leave	17,727	15,978	19,362	7,669	23,730	7,694
6240 Educational assistance	-	-	-	-	(77)	-
6250 Miscellaneous personnel benefits	-	-	-	-	4,971	800
6260 Vacancy Savings	-	-	-	(41,470)	-	(39,231)
<i>O&M PERSONNEL TOTAL</i>	<u>651,572</u>	<u>890,105</u>	<u>968,600</u>	<u>802,838</u>	<u>954,130</u>	<u>763,281</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	881	2,297	1,762	1,500	93	1,500
7110 Dues & memberships	1,143	813	1,417	1,500	1,325	2,000
7120 Office supplies	4,781	6,777	7,016	6,000	4,029	6,500
7125 Photo equipment/supplies	-	-	137	150	-	150
7130 Postage/shipping charges	617	1,038	727	750	1,522	1,500
7140 Training expenses	2,638	6,391	5,280	4,780	5,284	6,000
7145 Travel expenses	2,824	7,339	9,158	6,950	12,090	10,200
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	500	-	500
7210 Landscaping/Trade a Tree Program	-	430	130	750	80	750
7225 Safety supplies	664	607	383	600	389	600
7299 Other materials & supplies	261	584	1,280	1,550	770	1,550
7315 Food, meals, ice, water	784	909	699	1,200	872	1,200
7325 Rental of equip/storage/land	1,590	1,866	1,752	1,200	1,507	2,000
7330 Right of way fees	300	-	-	-	-	-
7335 Wearing apparel & dry goods	539	961	1,013	1,100	1,553	800
7415 Fuels & lubricants	1,923	2,686	3,386	2,700	3,466	2,700
7505 Maint. of communication equipment	-	-	-	400	679	400
7565 Maint. of street lighting & signals	76,008	8,074	3,120	100,000	17,180	75,000
7570 Maint. of underground lines	188,820	293,909	207,040	170,000	250,898	175,000
7599 Maintenance / other	-	-	-	500	320	500
7601 Legal Fees	52,362	10,251	4,185	56,000	13,730	25,000
7605 Engineering fees	28,548	24,135	284,628	504,200	55,096	120,000
7630 Construction contractor services	28,013	34,251	57,376	63,000	88,300	71,000
7635 Software maintenance service fees	18,656	20,735	4,250	45,000	14,525	92,000
7699 Other services	557,747	634,853	548,591	728,640	501,980	620,600
7805 Computer equipment	-	138	4,080	5,500	544	1,000
7806 Software licenses-new	7,092	6,473	3,450	6,367	7,985	6,000
7820 Office furniture & equipment	509	1,223	1,898	2,000	593	3,000
7835 Tools, shop and garage equipment	35	22	-	80	-	80
7899 Other minor tools & equipment	445	238	415	750	1,115	750
<i>O&M NON-PERSONNEL TOTAL</i>	<u>977,179</u>	<u>1,067,001</u>	<u>1,153,171</u>	<u>1,713,667</u>	<u>985,926</u>	<u>1,228,280</u>
	1,628,751	1,957,106	2,121,771	2,516,505	1,940,056	1,991,561



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



Department Responsibility: Marie C. Leal, P.E.
**Title: Director of W/WW Eng.,
Planning & 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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 53,929	\$ 92,836	\$ 104,575	\$ 80,346	\$ 118,097	\$ 105,007
6110 Clerical staff	34,200	33,393	35,327	34,882	35,182	34,882
6130 Overtime	331	292	392	500	483	503
6201 T.M.R.S.	12,028	28,383	26,071	20,591	28,427	24,998
6205 F.I.C.A.	4,668	8,240	7,740	7,144	8,645	8,673
6210 Medicare	1,281	2,520	2,077	1,671	2,220	2,028
6214 Dental Insurance	374	462	484	446	480	446
6215 Hospitalization insurance	9,314	12,288	13,131	12,370	15,070	14,563
6220 Life Insurance	120	148	179	118	153	154
6221 Long Term Disability Insurance	238	296	367	230	120	280
6225 Workers Compensation	4,605	5,333	3,684	2,881	3,978	3,497
6230 Vacation leave	3,346	6,917	4,815	1,394	6,230	1,786
6235 Sick leave	2,816	5,257	5,026	1,533	14,029	1,965
6242 Auto Benefits	7,500	6,633	7,500	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,486	1,680	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(8,034)	-	(9,726)
<i>O&M PERSONNEL TOTAL</i>	136,431	204,483	213,049	165,252	242,295	198,236

DEPARTMENT 3110 - WATER & WASTEWATER ENGINEERING, PLANNING & OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	15,105	5,956	6,129	6,500	6,375	7,000
7120 Office supplies	629	615	1,483	1,500	1,381	1,500
7130 Postage/shipping charges	165	-	18	200	210	200
7140 Training expenses	750	1,104	1,324	3,295	1,815	3,420
7145 Travel expenses	10,054	453	3,680	4,000	5,352	9,000
7315 Food, meals, ice, water	410	729	647	1,500	1,220	1,500
7325 Rental of equip/storage/land	-	-	-	-	408	-
7415 Fuels & lubricants	124	134	-	-	-	-
7601 Legal Fees	8,147	-	3,871	20,000	4,698	20,000
7699 Other services	40,882	-	-	-	-	400
7801 Communication equipment	-	-	-	200	-	200
7805 Computer equipment	-	435	409	500	170	500
7820 Office furniture & equipment	-	284	432	3,140	286	2,900
<i>O&M NON-PERSONNEL TOTAL</i>	<u>76,265</u>	<u>9,710</u>	<u>17,992</u>	<u>40,835</u>	<u>21,914</u>	<u>46,620</u>
	212,696	214,193	231,041	206,087	264,209	244,856



Department Responsibility: Domingo Cortez Jr.
 Title: W/WW Operator Chief
 Telephone Ext: 6488
 Dept. No: 3120

**PERFORMANCE MEASURES
FOR THE
WATER PLANT NO. 1 DEPARTMENT**

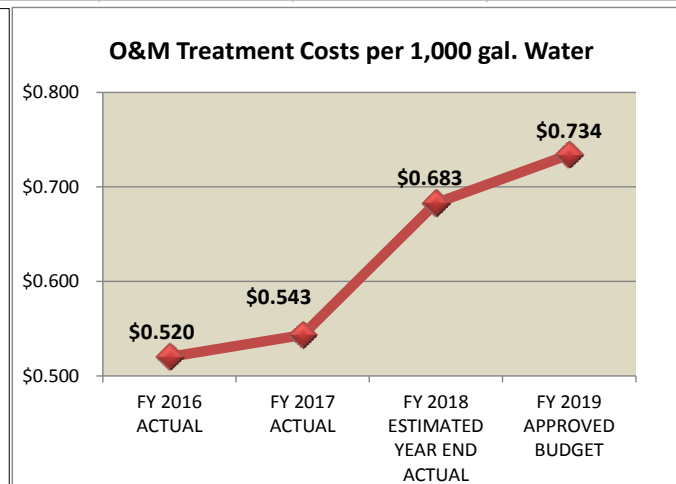
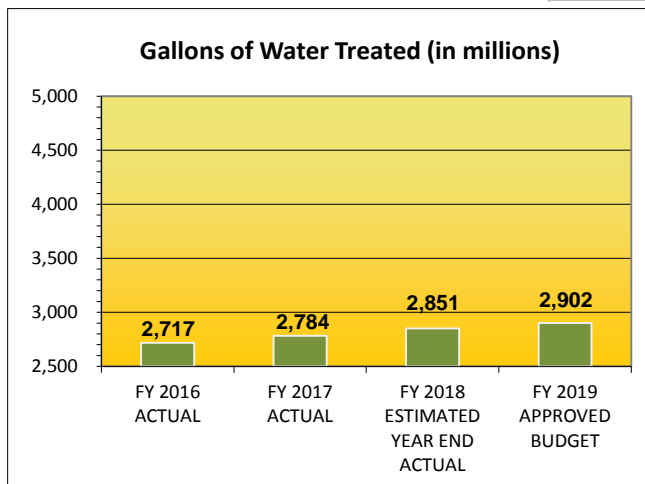
Department Function:

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Employees (FTE's)	10	10	10	10
Total O&M Expenses	\$ 1,412,957	\$ 1,512,472	\$ 1,946,445	\$ 2,130,138
Gallons of Raw Water Used (in millions)	2,769	2,828	3,041	3,148
OUTPUT MEASURES				
Gallons of Water Treated (in millions)	2,717	2,784	2,851	2,902
No. of Water Customers Served	50,308	51,279	52,269	53,278
OUTCOME MEASURES				
Compliance With Primary Water Standards	Yes	Yes	Yes	Yes
Compliance With State Reporting Requirements	Yes	Yes	Yes	Yes
Completion of Oper. Reports Within 10 Days (%)	100%	100%	100%	100%
EFFICIENCY MEASURES				
O&M Treatment Costs Per 1,000 gal. Water	\$ 0.520	\$ 0.543	\$ 0.683	\$ 0.734



DEPARTMENT 3120 - WATER PLANT I

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 122,370	\$ 62,944	\$ 125,837	\$ 126,922	\$ 104,192	\$ 134,742
6110 Clerical staff	206	172	355	-	7,698	-
6115 Operational staff	237,384	234,284	246,828	279,841	258,356	282,422
6130 Overtime	5,165	7,958	9,541	8,174	9,381	8,790
6201 T.M.R.S.	51,212	50,354	67,689	72,688	68,560	74,547
6205 F.I.C.A.	22,336	18,034	22,591	25,219	22,647	25,864
6210 Medicare	5,224	4,218	5,283	5,898	5,296	6,049
6214 Dental Insurance	2,339	2,160	2,463	2,790	2,464	2,790
6215 Hospitalization insurance	63,422	63,898	75,118	87,959	71,871	85,457
6220 Life Insurance	498	427	511	452	430	504
6221 Long Term Disability Insurance	933	785	969	814	282	834
6225 Workers Compensation	9,409	7,658	9,564	10,169	9,578	10,429
6230 Vacation leave	(1,594)	(2,056)	322	4,922	10,092	5,326
6235 Sick leave	2,562	(11,992)	(7,225)	5,410	32,276	5,859
6260 Vacancy Savings	-	-	-	(30,638)	-	(31,182)
<i>O&M PERSONNEL TOTAL</i>	521,466	438,845	559,847	600,622	603,125	612,433
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	44	44	-	175	-	175
7110 Dues & memberships	441	982	1,014	1,040	1,141	1,084
7120 Office supplies	417	233	419	400	287	400
7130 Postage/shipping charges	23	127	34	800	16	800
7140 Training expenses	2,997	3,933	4,220	3,320	750	3,320
7145 Travel expenses	572	382	998	1,440	2,857	2,400
7180 Utilities - departmental	236,932	212,130	192,123	250,000	231,579	230,000
7225 Safety supplies	977	2,256	3,415	2,500	331	2,000
7280 Chemicals - activated carbon	20,400	40,535	19,686	29,759	19,161	28,321
7281 Chemicals - ammonia	46,694	47,388	51,899	68,500	49,530	60,648
7282 Chemicals - caustic soda	-	-	-	29,531	66,728	73,092
7283 Chemicals - chlorine	75,972	78,064	81,414	87,802	68,060	90,914
7284 Chemicals - coagulant	459,310	352,999	381,317	496,243	476,236	497,651
7290 Chemicals - sodium chloride	60,648	44,141	56,104	70,538	56,530	66,000
7293 Chemicals - other	1,092	230	1,159	2,100	1,023	2,100
7299 Other materials & supplies	10,754	14,236	23,286	21,000	8,143	25,000
7315 Food, meals, ice, water	532	446	305	400	149	400
7325 Rental of equip/storage/land	2,429	2,419	2,458	5,000	2,437	5,000
7335 Wearing apparel & dry goods	2,876	2,596	2,879	2,600	3,273	2,600
7415 Fuels & lubricants	1,509	1,522	1,596	1,500	1,201	1,500
7520 Maint. of minor equipment	-	3,319	23,017	24,400	4,418	19,000
7580 Maint. of reservoirs	-	112,493	37,478	125,000	129,580	90,000
7605 Engineering fees	-	-	1,511	50,000	-	30,000
7630 Construction contractor services	46,971	-	14,748	35,000	14,419	50,000
7645 Maintenance services	20,893	12,637	2,033	15,600	115,429	165,000
7699 Other services	9,014	19,395	20,648	17,000	22,728	14,000
7810 Laboratory equipment	3,148	5,702	5,281	10,550	23,098	15,000
7820 Office furniture & equipment	876	1,132	-	2,500	857	2,300
7830 Pumping equipment	1,696	-	499	2,000	420	2,000
7840 Water treatment equipment	6,383	10,971	21,702	35,000	33,460	35,000
7899 Other minor tools & equipment	4,730	3,800	1,385	2,000	9,480	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	1,018,331	974,112	952,625	1,393,698	1,343,320	1,517,705
	1,539,797	1,412,957	1,512,472	1,994,320	1,946,445	2,130,138



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Jacob Galvan
Title: W/WW Operator Chief
Telephone Ext: 6480
Dept. No: 3130

**PERFORMANCE MEASURES
FOR THE
WATER PLANT NO. 2 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) 8
 O&M Non-Personnel Expenses \$ 1,052,712
 Gallons of Raw Water Used (in millions) 2,532

OUTPUT MEASURES

Gallons of Water Treated (in millions) 2,424
 No. of Water Customers Served 50,308

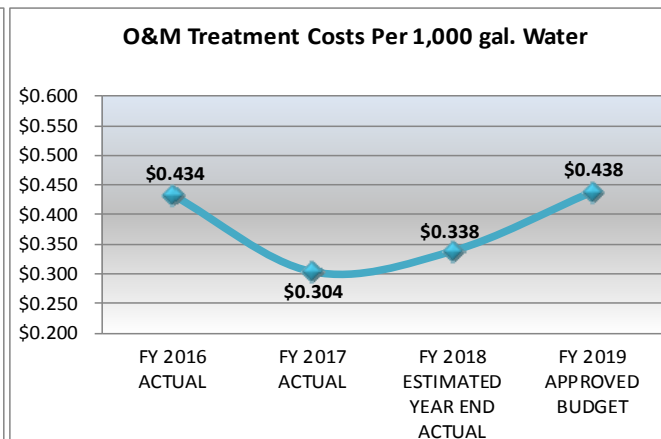
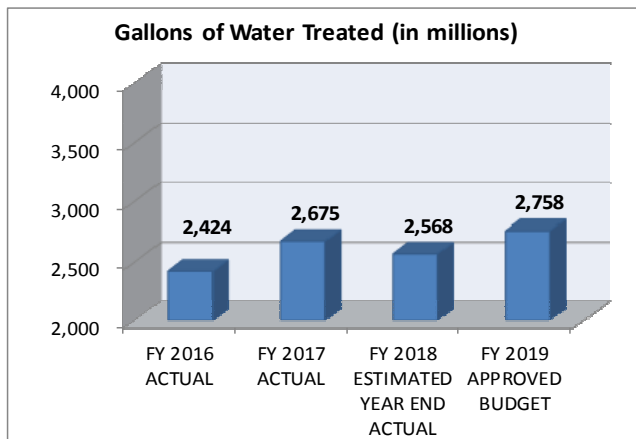
OUTCOME MEASURES

Compliance With Primary Water Standards Yes
 Compliance With State Reporting Requirements Yes
 Completion of Oper. Reports Within 10 Days (%) 100%

EFFICIENCY MEASURES

O&M Treatment Costs Per 1,000 gal. Water \$ 0.434

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	8	8	8	8
O&M Non-Personnel Expenses	\$ 1,052,712	\$ 813,760	\$ 869,137	\$ 1,209,055
Gallons of Raw Water Used (in millions)	2,532	2,681	2,510	2,808
OUTPUT MEASURES				
Gallons of Water Treated (in millions)	2,424	2,675	2,568	2,758
No. of Water Customers Served	50,308	51,279	52,269	53,278
OUTCOME MEASURES				
Compliance With Primary Water Standards	Yes	Yes	Yes	Yes
Compliance With State Reporting Requirements	Yes	Yes	Yes	Yes
Completion of Oper. Reports Within 10 Days (%)	100%	100%	100%	100%
EFFICIENCY MEASURES				
O&M Treatment Costs Per 1,000 gal. Water	\$ 0.434	\$ 0.304	\$ 0.338	\$ 0.438



DEPARTMENT 3130 - WATER PLANT II

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 62,870	\$ 63,056	\$ 64,901	\$ 65,333	\$ 57,851	\$ 51,875
6115 Operational staff	234,047	220,905	223,089	224,671	216,626	226,699
6130 Overtime	8,154	9,116	12,834	12,374	12,485	12,083
6201 T.M.R.S.	41,648	48,658	53,343	51,824	51,300	50,376
6205 F.I.C.A.	18,267	17,320	17,741	17,980	16,850	17,272
6206 Suta	452	-	2,065	-	1,376	-
6210 Medicare	4,272	4,051	4,149	4,205	3,941	4,039
6214 Dental Insurance	2,344	2,141	2,100	2,232	2,034	2,232
6215 Hospitalization insurance	57,485	63,155	62,866	66,235	60,687	63,732
6220 Life Insurance	426	408	398	330	319	348
6221 Long Term Disability Insurance	775	746	741	580	239	557
6225 Workers Compensation	7,650	7,336	7,562	7,250	7,174	6,964
6230 Vacation leave	4,922	(5,120)	4,537	3,509	618	3,557
6235 Sick leave	14,097	(2,293)	7,032	3,857	154	3,913
6260 Vacancy Savings	-	-	-	(22,032)	-	(21,205)
<i>O&M PERSONNEL TOTAL</i>	<u>457,409</u>	<u>429,480</u>	<u>463,357</u>	<u>438,348</u>	<u>431,654</u>	<u>422,443</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	300	74	200
7110 Dues & memberships	651	708	742	950	1,021	950
7120 Office supplies	55	-	381	500	-	300
7130 Postage/shipping charges	7	7	-	100	281	100
7140 Training expenses	3,951	3,765	2,107	4,000	1,680	2,940
7145 Travel expenses	542	424	466	512	1,740	1,881
7180 Utilities - departmental	125,708	250,816	226,442	218,724	242,278	218,724
7190 Utilities - CP&L & Mvec	1,373	1,736	1,343	2,000	1,368	2,000
7225 Safety supplies	1,787	1,385	1,320	2,250	464	2,550
7280 Chemicals - activated carbon	21,070	20,828	41,422	43,624	37,806	42,381
7281 Chemicals - ammonia	42,386	40,852	40,560	49,270	48,153	43,274
7282 Chemicals - caustic soda	60,760	65,338	41,024	66,377	41,563	81,489
7283 Chemicals - chlorine	59,022	58,548	60,750	73,680	59,904	89,526
7284 Chemicals - coagulant	364,582	344,002	281,102	418,277	295,790	391,640
7290 Chemicals - sodium chloride	43,665	56,518	40,893	62,700	52,179	72,700
7293 Chemicals - other	1,093	509	585	5,000	1,193	2,500
7299 Other materials & supplies	11,928	26,898	21,297	21,400	12,910	22,600
7315 Food, meals, ice, water	314	324	97	400	161	400
7325 Rental of equip/storage/land	6,307	10,587	2,672	5,000	1,825	4,500
7335 Wearing apparel & dry goods	2,694	1,987	2,298	2,600	2,599	2,000
7415 Fuels & lubricants	1,803	2,112	806	1,500	858	1,500
7501 Maint. of buildings & structures	-	24,350	-	25,000	4,186	20,000
7580 Maint. of reservoirs	67,758	29,722	4,817	50,000	23,085	50,000
7605 Engineering fees	-	8,959	-	65,000	-	30,400
7630 Construction contractor services	-	6,000	-	50,000	-	35,000
7645 Maintenance services	705	10,317	624	10,000	762	16,000
7699 Other services	43,547	48,377	10,577	50,000	6,879	38,000
7810 Laboratory equipment	-	4,535	-	-	-	-
7820 Office furniture & equipment	-	348	810	2,500	-	2,500
7830 Pumping equipment	229	10,576	-	1,000	-	1,000
7899 Other minor tools & equipment	11,159	22,183	30,626	25,000	30,379	32,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>873,096</u>	<u>1,052,712</u>	<u>813,760</u>	<u>1,257,664</u>	<u>869,137</u>	<u>1,209,055</u>
	1,330,505	1,482,192	1,277,117	1,696,012	1,300,791	1,631,498



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



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)

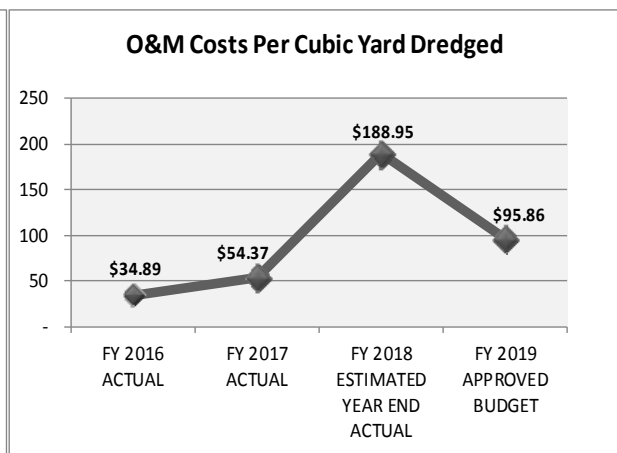
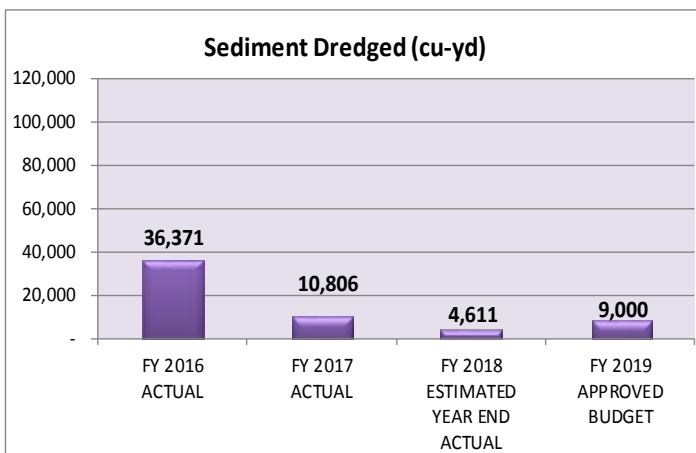
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	17	17	9	9
Total O&M Expenses	\$ 1,269,068	\$ 587,504	\$ 871,257	\$ 862,718
Sediment Dredged (cu-yd)	36,371	10,806	4,611	9,000
Compliance With Environmental Standards	Yes	Yes	Yes	Yes
Completion of Oper. Reports Within 10 Days (%)	100%	100%	100%	100%
Raw Water Storage Capacity Gained (acre-ft)	22	7	3	6
O&M Costs Per Cubic Yard Dredged	\$ 34.89	\$ 54.37	\$ 188.95	\$ 95.86



DEPARTMENT 3135 – RESACA MAINTENANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 135,574	\$ 138,102	\$ 138,938	\$ 140,005	\$ 140,005	\$ 140,005
6105 Administrative Staff	-	-	819	-	1,630	-
6110 Clerical staff	25,644	25,804	20,807	27,292	23,862	28,642
6115 Operational staff	414,956	323,593	150,714	197,714	198,915	197,766
6130 Overtime	72,556	32,638	9,799	10,000	9,629	10,000
6201 T.M.R.S.	88,632	86,565	56,551	65,227	68,805	65,478
6205 F.I.C.A.	38,302	30,202	18,543	22,631	22,252	22,718
6210 Medicare	8,958	7,063	4,337	5,293	5,204	5,313
6214 Dental Insurance	4,777	3,771	2,014	2,511	2,454	2,511
6215 Hospitalization insurance	132,104	122,468	67,259	79,290	80,984	81,792
6220 Life Insurance	829	702	439	560	437	444
6221 Long Term Disability Insurance	1,492	1,276	835	763	308	733
6225 Workers Compensation	16,272	13,036	8,069	9,125	9,634	9,160
6230 Vacation leave	2,241	(3,160)	(7,227)	4,417	(948)	4,678
6235 Sick leave	3,758	(6,357)	(3,224)	4,855	(13,563)	5,146
6260 Vacancy Savings	-	-	-	(27,521)	-	(27,728)
<i>O&M PERSONNEL TOTAL</i>	946,093	775,703	468,672	542,163	549,608	546,659
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	28	-	-	-	-
7110 Dues & memberships	508	436	686	500	907	500
7120 Office supplies	1,223	941	744	500	481	500
7130 Postage/shipping charges	1,933	64	-	45	407	100
7140 Training expenses	2,795	615	200	600	1,400	1,800
7145 Travel expenses	1,399	6,689	4,059	2,000	3,951	4,000
7147 Mileage Reimbursement (InTownExp)	40	-	-	-	-	-
7180 Utilities - departmental	18,826	14,569	10,206	14,000	10,516	14,000
7203 Sand, Caliche, Gravel, Concrete etc	24,710	21,192	2,461	9,000	14,871	9,000
7225 Safety supplies	3,571	4,812	1,834	3,000	2,641	3,000
7293 Chemicals - other	197,892	140,139	-	91,979	-	82,009
7299 Other materials & supplies	80,810	53,047	31,847	30,000	50,491	30,000
7315 Food, meals, ice, water	525	195	112	100	329	250
7325 Rental of equip/storage/land	7,126	11,138	2,365	8,000	10,003	8,000
7335 Wearing apparel & dry goods	7,432	6,102	6,970	5,500	8,075	5,500
7415 Fuels & lubricants	65,242	35,688	25,783	36,000	24,040	36,100
7581 Maint. of resacas	318,606	332	2,808	100	660	1,000
7601 Legal Fees	-	-	-	-	48,220	25,000
7605 Engineering fees	246,092	117,130	15,475	18,000	43,350	25,000
7645 Maintenance services	4,570	20,206	742	6,000	38,108	6,000
7655 Hauling Services	-	308	-	-	-	-
7699 Other services	41,245	55,356	10,952	30,000	28,980	30,000
7801 Communication equipment	9,396	469	-	-	-	-
7805 Computer equipment	-	1,031	-	-	-	-
7820 Office furniture & equipment	182	904	-	-	858	-
7830 Pumping equipment	9,307	200	573	1,000	32,667	34,000
7835 Tools, shop and garage equipment	3,215	906	78	200	692	300
7899 Other minor tools & equipment	1,552	871	937	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	1,048,197	493,365	118,832	256,524	321,649	316,059
	1,994,290	1,269,068	587,504	798,687	871,257	862,718



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



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)

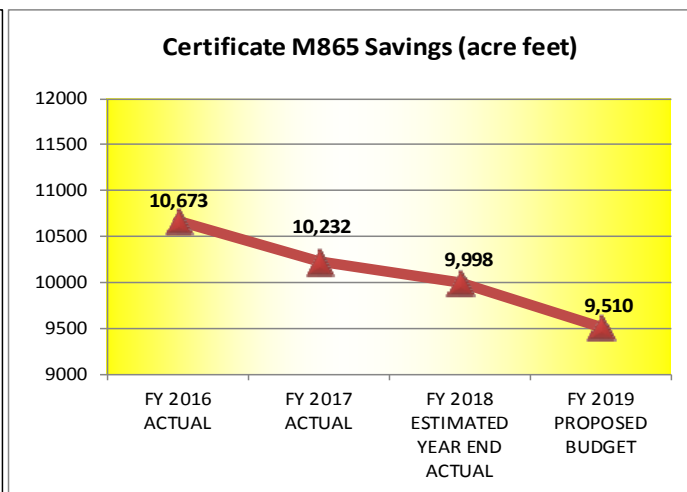
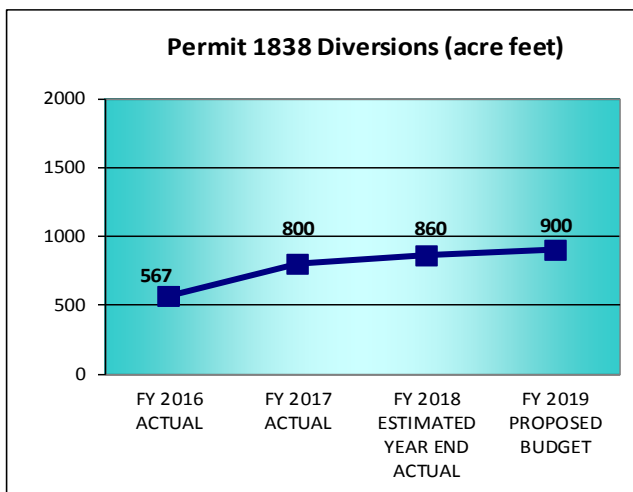
OUTCOME MEASURES

Permit 1838 Diversions (acre feet)

EFFICIENCY MEASURES

Certificate M865 Savings (acre feet)

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	4	4	4	4
Total O&M Expenses	\$ 408,058	\$ 486,526	\$ 776,948	\$ 1,130,707
Certificate M865 Water Rights (acre feet)	31,133	31,462	31,510	31,510
River Water Diversions to Reservoirs (acre feet)	21,028	21,640	22,486	24,000
Raw Water Diversions to Resacas (acre feet)	4,760	4,538	4,318	4,500
Certificate M865 Diversions (acre feet)	20,460	21,230	21,512	22,000
Permit 1838 Diversions (acre feet)	567	800	860	900
Certificate M865 Savings (acre feet)	10,673	10,232	9,998	9,510



DEPARTMENT 3140 – RAW WATER SUPPLY

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6115 Operational staff	\$ 116,623	\$ 114,287	\$ 125,843	\$ 124,632	\$ 119,374	\$ 126,797
6130 Overtime	7,899	5,395	7,316	6,000	7,321	6,001
6201 T.M.R.S.	18,668	19,915	23,358	22,272	23,326	22,619
6205 F.I.C.A.	8,090	6,993	7,684	7,727	7,603	7,861
6210 Medicare	1,892	1,635	1,797	1,807	1,778	1,839
6214 Dental Insurance	986	1,049	1,075	1,116	959	1,116
6215 Hospitalization insurance	27,259	31,248	32,892	34,059	30,334	34,059
6220 Life Insurance	169	174	182	147	142	161
6221 Long Term Disability Insurance	304	307	329	249	104	254
6225 Workers Compensation	3,439	3,057	3,300	3,116	3,267	3,170
6230 Vacation leave	2,137	(92)	(160)	1,508	(84)	1,619
6235 Sick leave	8,085	2,276	3,155	1,658	(3,011)	1,781
6260 Vacancy Savings	-	-	-	(9,756)	-	(9,894)
<i>O&M PERSONNEL TOTAL</i>	<u>195,551</u>	<u>186,244</u>	<u>206,772</u>	<u>194,535</u>	<u>191,112</u>	<u>197,383</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	74	-	100	-	100
7110 Dues & memberships	221	398	296	485	411	744
7120 Office supplies	405	592	624	1,000	473	1,000
7130 Postage/shipping charges	21	-	-	100	-	100
7140 Training expenses	770	695	1,900	1,915	1,755	2,500
7145 Travel expenses	85	64	393	1,100	440	1,180
7180 Utilities - departmental	154,354	141,424	144,857	165,000	148,069	165,000
7190 Utilities - CP&L & Mvec	427	407	889	950	744	950
7203 Sand, Caliche, Gravel, Concrete etc	4,139	13,228	5,598	18,500	3,553	18,000
7225 Safety supplies	1,093	512	954	1,400	871	1,400
7251 Purchased of Raw Water	12,494	17,421	41,913	50,000	31,703	50,000
7285 Chemicals - copper sulphate	-	2,700	-	5,000	3,935	5,000
7293 Chemicals - other	-	57	-	1,000	191	500
7299 Other materials & supplies	11,696	9,811	8,226	10,000	3,551	10,000
7315 Food, meals, ice, water	81	49	106	300	239	300
7325 Rental of equip/storage/land	80	-	160	750	189,736	85,000
7335 Wearing apparel & dry goods	951	1,559	2,210	2,000	2,561	2,000
7415 Fuels & lubricants	12,926	8,272	9,763	15,000	7,363	15,000
7580 Maint. of reservoirs	38,675	5,930	9,634	200,000	109,025	200,000
7581 Maint. of resacas	-	-	773	105,000	6,117	109,000
7605 Engineering fees	-	-	30,670	184,500	31,760	150,000
7645 Maintenance services	11,493	5,543	16,569	6,000	450	6,000
7699 Other services	760	3,021	873	98,000	41,560	100,000
7805 Computer equipment	-	-	20	500	-	2,000
7820 Office furniture & equipment	766	400	135	550	383	550
7830 Pumping equipment	18,847	5,755	1,982	15,000	250	5,000
7835 Tools, shop and garage equipment	496	790	836	1,000	425	1,000
7899 Other minor tools & equipment	769	3,112	374	1,000	272	1,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>271,545</u>	<u>221,814</u>	<u>279,754</u>	<u>886,150</u>	<u>585,836</u>	<u>933,324</u>
	<u>467,096</u>	<u>408,058</u>	<u>486,526</u>	<u>1,080,685</u>	<u>776,948</u>	<u>1,130,707</u>



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Noe C. Hernandez
Title: W/WW Plant Maint. & WW
Lift Stations Manager
Telephone Ext: 6520
Dept. No.: 3145

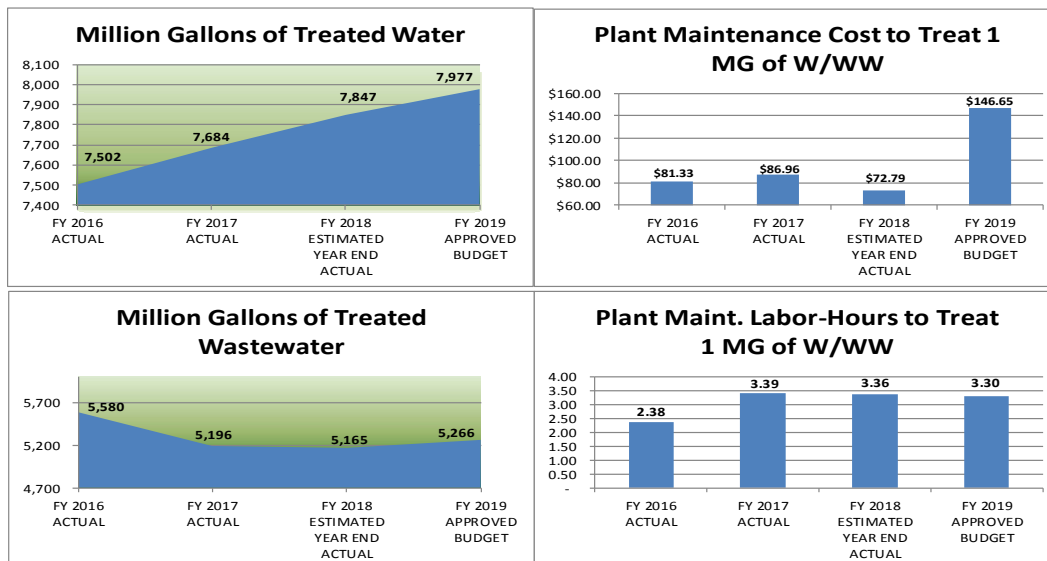
**PERFORMANCE MEASURES
FOR THE
WATER/WASTEWATER PLANT MAINTENANCE DEPARTMENT**

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Total O&M Expenses	\$ 1,117,214	\$ 1,360,653	\$ 1,740,340	\$ 1,849,761
Labor-Hours	31,200	43,680	43,680	43,680
Overtime labor factor	13	14	13	13
OUTPUT MEASURES				
Million Gallons of Treated Water	7,502	7,684	7,847	7,977
Thousands of Customers Served (water)	50	50	50	51
Million Gallons of Treated Wastewater	5,580	5,196	5,165	5,266
Thousands of Customers Served (wastewater)	50	50	50	51
OUTCOME MEASURES				
Maintenance-related TCEQ Nov (water)	0	0	0	0
Maintenance-related TCEQ Nov (wastewater)	0	0	0	0
Water Plant PM Status**	37	36	37	38
Wastewater Plant PM Status**	37	36	37	38
EFFICIENCY MEASURES				
Plant Maintenance Cost Per Customer/ Year	\$ 212.80	\$ 223.99	\$ 189.42	\$ 380.81
Plant Maint. Labor-Hours Per Customer/Year	0.62	0.87	0.87	0.86
Plant Maintenance Cost to Treat 1 MG of W/WW	\$ 81.33	\$ 86.96	\$ 72.79	\$ 146.65
Plant Maint. Labor-Hours to Treat 1 MG of W/WW	2.38	3.39	3.36	3.30

NOTES:
 **W/WW Plant PM Status = Thousands of customers served minus number of TCEQ non-compliance notices minus overtime labor factor
 (For FY 2019 Proposed Budget - # of Customers Served Water (50,926) and Wastewater (51,204))



DEPARTMENT 3145 - WATER & WASTEWATER PLANT MAINTENANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 58,898	\$ 58,747	\$ 62,045	\$ 62,358	\$ 61,939	\$ 62,358
6105 Administrative Staff	50,383	50,545	50,629	51,688	51,688	51,688
6115 Operational staff	377,033	382,056	401,965	426,947	434,241	426,192
6130 Overtime	24,672	42,671	78,087	56,904	62,185	83,274
6201 T.M.R.S.	70,709	92,564	104,182	96,676	109,102	96,497
6205 F.I.C.A.	30,617	32,886	34,546	33,542	35,592	33,495
6210 Medicare	7,161	7,691	8,079	7,844	8,324	7,834
6214 Dental Insurance	3,091	3,177	3,170	3,627	3,418	3,627
6215 Hospitalization insurance	88,041	99,610	104,776	116,161	114,359	118,663
6220 Life Insurance	681	692	694	788	626	653
6221 Long Term Disability Insurance	1,280	1,300	1,326	1,123	451	1,081
6225 Workers Compensation	13,002	14,113	14,770	13,525	15,260	13,506
6230 Vacation leave	2,460	1,721	2,220	6,546	134	6,898
6235 Sick leave	5,997	4,205	14,093	7,195	(1,065)	7,588
6260 Vacancy Savings	-	-	-	(40,714)	-	(40,780)
<i>O&M PERSONNEL TOTAL</i>	<u>734,024</u>	<u>791,980</u>	<u>880,583</u>	<u>844,210</u>	<u>896,254</u>	<u>872,573</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	500	-	500
7110 Dues & memberships	616	189	758	600	1,385	1,760
7120 Office supplies	2,082	2,587	3,145	4,100	2,750	4,100
7130 Postage/shipping charges	11	-	935	300	39	300
7140 Training expenses	2,361	1,510	1,301	3,000	1,497	6,880
7145 Travel expenses	-	373	574	3,940	2,804	4,076
7225 Safety supplies	15,762	7,691	10,618	34,971	5,133	34,972
7299 Other materials & supplies	53,442	65,512	92,926	78,200	101,630	108,000
7315 Food, meals, ice, water	204	320	250	800	318	800
7325 Rental of equip/storage/land	1,524	5,437	2,559	15,600	5,940	15,600
7335 Wearing apparel & dry goods	5,293	4,797	5,206	4,200	6,160	4,200
7415 Fuels & lubricants	23,874	18,836	20,149	19,000	21,444	19,000
7515 Maint. of major equipment	29,210	-	-	-	-	-
7645 Maintenance services	174,248	184,202	319,454	676,000	671,573	739,000
7801 Communication equipment	14,165	11,872	-	-	-	-
7806 Software licenses-new	295	-	-	-	-	-
7820 Office furniture & equipment	-	1,105	550	400	-	400
7835 Tools, shop and garage equipment	19,936	12,336	15,523	22,000	6,286	22,000
7899 Other minor tools & equipment	992	8,468	6,121	15,600	17,127	15,600
<i>O&M NON-PERSONNEL TOTAL</i>	<u>344,015</u>	<u>325,234</u>	<u>480,070</u>	<u>879,211</u>	<u>844,086</u>	<u>977,188</u>
	1,078,039	1,117,214	1,360,653	1,723,421	1,740,340	1,849,761



B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D

Department Responsibility: Armando Garcia
Title: W/W Operations Manager
Telephone Ext: 6386
Dept. No: 3150

PERFORMANCE MEASURES
FOR THE
WATER/WASTEWATER OPERATIONS & CONSTRUCTION DEPARTMENT

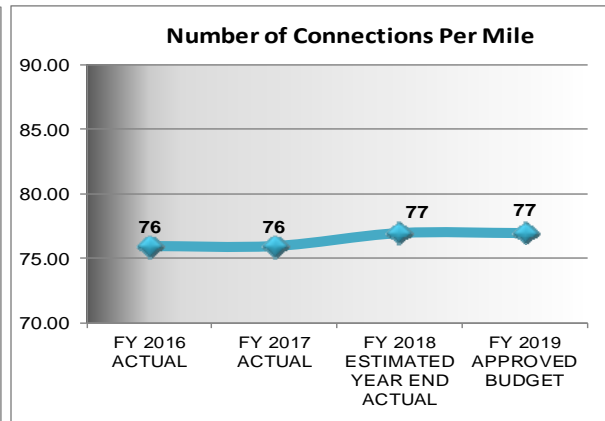
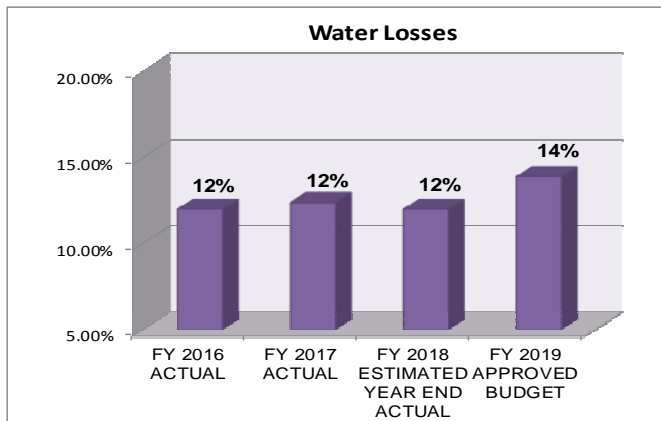
Department Function:

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Employees	67	67	67	67
Total O&M Expenses	\$ 4,929,683	\$ 5,162,830	\$ 5,236,506	\$ 6,387,121
Miles of Water & Wastewater Mains	1,300	1,298	1,308	1,345
Number of Service Requests	16,230	16,498	16,400	17,448
Number of Service Orders	7,423	8,809	7,804	8,967
Overtime Expenses	\$ 160,000	\$ 165,000	\$ 175,000	\$ 240,000
OUTPUT MEASURES				
Water Mains/Service Line No. of Repairs	874	1,066	2,357	2,622
Wastewater Line No. of Repairs	490	535	469	441
Number of W/WW Service Connections	99,782	99,782	100,637	103,565
OUTCOME MEASURES				
Ongoing Maintenance	YES	YES	YES	YES
Average Response Time Per Call	90min.	90min.	90min.	90min.
Water Losses	12%	12%	12%	14%
Number of Connections Per Mile	76	76	77	77
EFFICIENCY MEASURES				
Estimated Expenses W/WW Main Lines	\$ 1,875,655	\$ 2,519,236	\$ 3,051,903	\$ 3,397,538
Turnaround Time Per New Connection (days)	10	10	10	10
Average Cost per Customer per W/WW Connection	\$ 3,272	\$ 3,272	\$ 3,272	\$ 3,272



DEPARTMENT 3150 - WATER & WASTEWATER OPERATIONS AND CONSTRUCTION

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 156,716	\$ 160,276	\$ 178,158	\$ 161,963	\$ 187,039	\$ 161,963
6110 Clerical staff	74,108	73,329	75,960	95,301	80,490	91,437
6115 Operational staff	1,275,948	1,324,701	1,439,524	1,733,637	1,532,315	1,685,832
6130 Overtime	242,481	173,032	194,417	175,803	276,479	250,001
6201 T.M.R.S.	239,817	289,680	336,154	355,774	370,355	347,739
6205 F.I.C.A.	105,733	104,001	113,145	123,436	123,038	118,709
6206 Suta	5,468	10,032	12,763	-	-	-
6210 Medicare	24,728	24,323	26,461	28,868	28,775	28,119
6214 Dental Insurance	14,243	14,427	14,152	16,602	14,186	16,340
6215 Hospitalization insurance	344,569	403,990	408,095	468,090	419,358	474,498
6220 Life Insurance	2,188	2,331	2,425	3,590	2,162	2,445
6221 Long Term Disability Insurance	3,830	4,105	4,428	4,255	1,522	3,879
6225 Workers Compensation	45,296	44,404	48,291	49,773	52,664	48,481
6230 Vacation leave	2,455	10,329	42,490	24,090	3,959	24,760
6235 Sick leave	(3,350)	(2,175)	50,411	26,479	2,580	27,237
6260 Vacancy Savings	-	-	-	(152,064)	-	(148,972)
<i>O&M PERSONNEL TOTAL</i>	<u>2,534,230</u>	<u>2,636,784</u>	<u>2,946,876</u>	<u>3,115,597</u>	<u>3,094,921</u>	<u>3,132,465</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	2,301	1,715	1,562	3,000	2,889	4,200
7120 Office supplies	6,302	6,970	6,270	7,000	7,044	7,000
7130 Postage/shipping charges	65	-	-	-	-	-
7140 Training expenses	7,230	10,416	6,685	10,000	5,167	10,000
7145 Travel expenses	1,095	4,001	2,782	4,000	1,593	4,000
7180 Utilities - departmental	47,051	44,214	35,153	40,000	34,878	40,000
7201 Barricades & signs	1,795	1,580	6,266	6,500	4,294	7,500
7203 Sand, Caliche, Gravel, Concrete etc	251,333	248,360	136,201	205,000	152,144	205,000
7210 Landscaping/Trade a Tree Program	5,405	1,986	4,402	5,000	3,243	5,000
7215 Laundry & janitorial supplies	33	158	-	700	33	1,000
7225 Safety supplies	34,949	25,743	21,809	35,000	31,236	35,000
7293 Chemicals - other	1,550	1,480	1,972	4,000	3,292	4,000
7299 Other materials & supplies	313,709	287,332	399,988	380,000	399,266	400,000
7315 Food, meals, ice, water	2,008	2,059	1,813	3,000	1,567	3,000
7325 Rental of equip/storage/land	3,159	9,699	21,800	35,000	3,708	35,000
7335 Wearing apparel & dry goods	28,233	23,106	27,671	24,000	32,031	26,000
7415 Fuels & lubricants	174,480	118,586	125,572	180,000	156,557	180,000
7501 Maint. of buildings & structures	3,586	4,127	8,455	5,500	2,623	5,500
7505 Maint. of communication equipment	488	502	22	3,000	97	3,000
7515 Maint. of major equipment	20	2,844	-	13,000	20	13,000
7520 Maint. of minor equipment	4,181	4,489	3,664	4,000	1,465	4,000
7575 Maint. of water meters	178,775	361,889	268,530	350,000	384,533	425,000
7577 Maint. of distribution mains	147,029	162,839	111,944	200,000	76,604	150,000
7585 Maint. of sewer force mains	21,814	6,663	4,073	50,000	4,243	50,000
7586 Maint. of sewer gravity lines	184,828	36,947	18,860	140,000	61,125	80,000
7599 Maintenance / other	14,499	10,368	19,736	22,000	11,583	22,000
7630 Construction contractor services	393,826	286,328	315,769	242,989	282,095	357,000
7635 Software maintenance service fees	-	-	-	3,500	-	3,500
7645 Maintenance services	-	742	209	1,600	-	340,600
7655 Hauling Services	127,591	78,211	103,585	112,000	76,175	112,000
7699 Other services	308,963	476,493	430,940	540,000	266,766	542,000
7801 Communication equipment	19,755	20,407	21,103	10,000	2,718	10,000
7805 Computer equipment	-	1,284	2,006	5,400	-	5,400
7820 Office furniture & equipment	1,213	14,539	-	-	-	-
7899 Other minor tools & equipment	45,797	36,825	107,110	214,912	132,599	164,956
<i>O&M NON-PERSONNEL TOTAL</i>	<u>2,333,061</u>	<u>2,292,899</u>	<u>2,215,954</u>	<u>2,860,101</u>	<u>2,141,585</u>	<u>3,254,656</u>
	4,867,291	4,929,683	5,162,830	5,975,698	5,236,506	6,387,121



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: **Jose G. Ibarra Jr.**

Title: **Wastewater Treatment Manager**

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.

INPUT MEASURES

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

OUTPUT MEASURES

Reports Produced
Annual Statistical Reports
Operational Budget Reports Produced

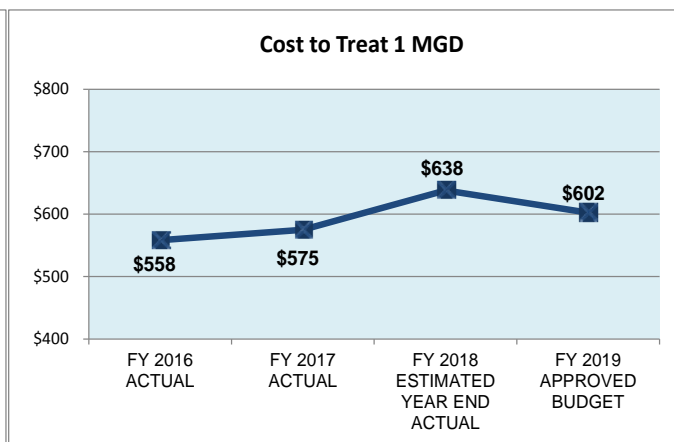
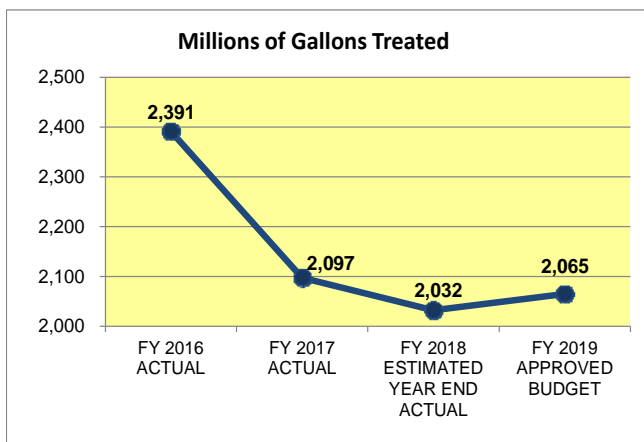
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees	10	10	10	8
Total O&M Expenses	\$ 1,334,827	\$ 1,205,393	\$ 1,296,262	\$ 1,243,420
Dry Tons Sludge to Site	1,123	844	966	905
Gallons Treated	2,391,068,000	2,097,471,000	2,032,173,000	2,064,822,000
Reports Produced	18	18	18	18
Annual Statistical Reports	1	1	1	1
Operational Budget Reports Produced	12	12	12	12
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	\$ 558	\$ 575	\$ 638	\$ 602
Average CBOD % Removal mg/l	99.0	99.0	99.0	99.0
Average TSS % Removal mg/l	98.0	97.0	96.0	97.0



DEPARTMENT 3210 - SOUTH WASTEWATER TREATMENT PLANT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 54,184	\$ 54,391	\$ 55,474	\$ 55,598	\$ 55,319	\$ 55,598
6115 Operational staff	294,618	271,016	249,065	292,456	311,908	240,573
6130 Overtime	25,492	27,104	37,594	35,000	36,842	26,786
6201 T.M.R.S.	50,968	59,748	61,249	61,129	72,270	52,926
6205 F.I.C.A.	22,148	21,217	20,340	21,209	24,015	18,363
6210 Medicare	5,180	4,962	4,757	4,960	5,616	4,294
6214 Dental Insurance	2,679	2,459	2,316	2,790	2,716	2,232
6215 Hospitalization insurance	74,399	79,173	75,881	85,767	83,428	66,854
6220 Life Insurance	493	459	422	835	427	365
6221 Long Term Disability Insurance	897	835	779	778	291	592
6225 Workers Compensation	9,358	9,128	8,670	8,552	10,139	7,404
6230 Vacation leave	1,110	1,916	2,964	4,211	1,474	3,781
6235 Sick leave	276	11,888	5,326	4,629	8,614	4,160
6260 Vacancy Savings	-	-	-	(26,704)	-	(22,460)
<i>O&M PERSONNEL TOTAL</i>	541,800	544,296	524,835	551,210	613,058	461,469
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	444	677	-	1,000	333	800
7120 Office supplies	859	1,040	1,077	1,100	726	400
7130 Postage/shipping charges	4,181	7,732	3,682	6,500	3,447	6,500
7140 Training expenses	1,917	1,656	3,012	3,900	2,077	3,200
7145 Travel expenses	314	1,023	1,111	1,400	1,437	1,120
7180 Utilities - departmental	455,499	461,577	456,411	468,000	433,592	468,000
7201 Barricades & signs	-	-	434	500	33	260
7203 Sand, Caliche, Gravel, Concrete etc	-	34,750	-	15,000	282	-
7215 Laundry & janitorial supplies	120	132	117	600	225	600
7225 Safety supplies	695	1,187	463	500	1,672	1,000
7283 Chemicals - chlorine	59,292	67,732	61,992	68,154	55,856	77,034
7288 Chemicals - ferric chloride	-	-	-	-	6,638	-
7293 Chemicals - other	38,360	39,282	15,876	51,000	27,108	38,087
7299 Other materials & supplies	9,713	12,244	17,113	16,000	20,948	18,000
7315 Food, meals, ice, water	602	513	401	750	485	750
7325 Rental of equip/storage/land	2,163	2,588	3,416	12,200	11,459	7,200
7335 Wearing apparel & dry goods	3,942	3,847	3,526	3,000	4,144	2,500
7415 Fuels & lubricants	14,738	7,812	21,687	20,500	22,424	13,000
7501 Maint. of buildings & structures	-	-	-	-	-	35,000
7515 Maint. of major equipment	-	43,485	40,171	39,500	38,783	39,500
7520 Maint. of minor equipment	1,153	710	703	1,500	-	1,500
7645 Maintenance services	39,603	62,523	24,573	19,000	23,139	19,000
7699 Other services	25,494	23,353	18,227	30,100	13,953	30,100
7801 Communication equipment	-	3,026	-	-	-	-
7810 Laboratory equipment	375	3,440	5,301	5,000	4,808	5,000
7820 Office furniture & equipment	-	-	-	1,400	1,588	1,400
7830 Pumping equipment	5,056	10,175	-	10,000	8,028	10,000
7899 Other minor tools & equipment	529	27	1,265	4,000	18	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	665,050	790,531	680,558	780,604	683,204	781,951
	1,206,850	1,334,827	1,205,393	1,331,814	1,296,262	1,243,420



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Jose G. Ibarra Jr.

Title: Wastewater Treatment Manager

Telephone Ext: 6500

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

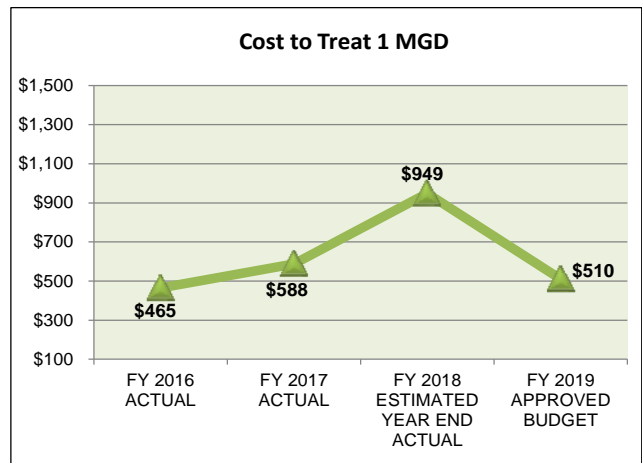
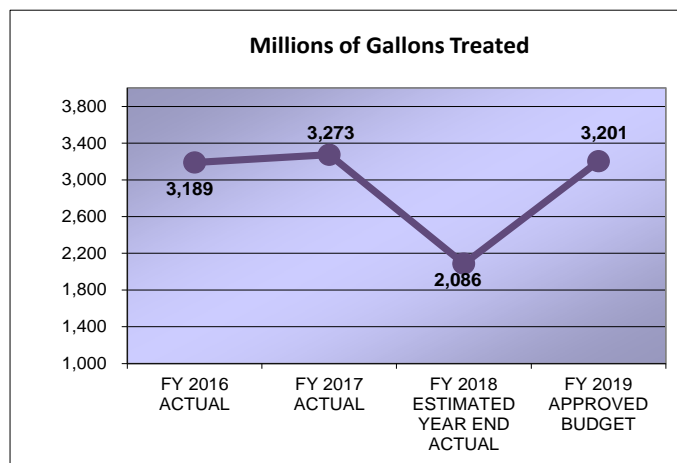
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees	11	11	17	11
Total O&M Expenses	\$ 1,483,391	\$ 1,923,773	\$ 1,978,804	\$ 1,631,263
Dry Tons Sludge to Site	1,300	1,297	1,129	1,213
Gallons Treated	3,189,193,000	3,272,572,000	2,086,166,000	3,200,911,000
OUTPUT MEASURES				
Monthly 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	\$ 465	\$ 588	\$ 949	\$ 510
EFFICIENCY MEASURES				
Average CBOD % Removal mg/l	99.0	99.0	99.0	99.0
Average TSS % Removal mg/l	98.0	98.0	98.0	98.0



DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 140,836	\$ 141,177	\$ 144,194	\$ 144,518	\$ 144,518	\$ 144,518
6110 Clerical staff	32,018	31,848	33,043	32,781	33,453	32,781
6115 Operational staff	252,907	254,374	470,869	458,298	498,610	266,178
6130 Overtime	20,512	32,415	91,176	40,648	131,202	27,966
6201 T.M.R.S.	60,731	76,952	130,566	113,581	144,472	79,249
6205 F.I.C.A.	26,918	27,907	43,837	39,407	48,292	27,496
6210 Medicare	6,295	6,527	10,252	9,216	11,294	6,430
6214 Dental Insurance	2,917	2,889	4,484	4,654	4,547	3,069
6215 Hospitalization insurance	71,704	80,290	139,969	144,242	139,594	86,929
6220 Life Insurance	592	591	884	716	773	539
6221 Long Term Disability Insurance	1,100	1,098	1,660	1,271	549	887
6225 Workers Compensation	11,157	11,602	18,439	15,890	20,211	11,087
6230 Vacation leave	618	(1,872)	17,968	7,691	1,569	5,662
6235 Sick leave	7,171	(11,398)	56,088	8,453	(4,259)	6,229
6260 Vacancy Savings	-	-	-	(48,229)	-	(32,958)
<i>O&M PERSONNEL TOTAL</i>	635,477	654,399	1,163,430	973,138	1,174,827	666,062
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	972	735	659	900	863	746
7120 Office supplies	1,221	1,246	1,660	1,600	1,564	1,300
7130 Postage/shipping charges	2,114	2,156	2,502	2,500	2,391	2,500
7140 Training expenses	2,930	3,586	4,554	6,630	1,960	2,800
7145 Travel expenses	819	1,884	1,832	2,380	2,092	2,000
7180 Utilities - departmental	577,226	563,512	494,038	514,800	488,576	514,800
7201 Barricades & signs	216	170	302	750	448	300
7203 Sand, Caliche, Gravel, Concrete etc	-	35,370	-	15,000	2,274	-
7210 Landscaping/Trade a Tree Program	-	-	530	-	-	-
7215 Laundry & janitorial supplies	355	462	351	800	596	600
7225 Safety supplies	1,783	1,972	3,179	3,000	3,593	2,400
7279 Ultraviolet light system expenses	-	-	37,308	100,930	64,831	100,930
7286 Chemicals - deodorants	-	463	-	700	150	500
7293 Chemicals - other	28,608	34,074	24,154	64,000	30,561	64,000
7299 Other materials & supplies	30,708	12,276	28,378	45,850	26,567	32,000
7315 Food, meals, ice, water	559	561	925	1,100	1,230	800
7325 Rental of equip/storage/land	2,558	3,518	2,862	39,350	2,852	14,700
7335 Wearing apparel & dry goods	3,381	3,573	5,010	4,600	5,922	2,625
7415 Fuels & lubricants	9,977	10,136	8,005	122,148	48,519	15,000
7501 Maint. of buildings & structures	-	-	-	-	-	60,000
7515 Maint. of major equipment	26,723	42,365	28,793	42,000	66,762	42,000
7520 Maint. of minor equipment	5,933	4,386	5,319	7,500	778	7,500
7605 Engineering fees	-	1,000	-	-	-	-
7645 Maintenance services	120,847	63,446	47,914	52,800	27,735	42,000
7655 Hauling Services	15,625	-	-	1,500	-	-
7699 Other services	63,776	28,820	17,300	32,600	10,679	32,600
7801 Communication equipment	-	-	308	500	226	500
7805 Computer equipment	-	-	-	-	-	2,000
7810 Laboratory equipment	1,489	2,137	6,721	7,500	4,313	5,000
7820 Office furniture & equipment	298	50	1,662	1,600	230	1,600
7830 Pumping equipment	6,870	10,379	22,861	22,000	5,823	12,000
7899 Other minor tools & equipment	1,013	715	13,217	8,000	2,442	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	906,001	828,992	760,343	1,103,038	803,977	965,201
	1,541,478	1,483,391	1,923,773	2,076,176	1,978,804	1,631,263



Department Responsibility: Jose G. Ibarra Jr.
 Title: Wastewater Treatment Manager
 Telephone Ext: 6500
 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 assigned construction projects. Ensures day to day operations are in compliance with state and federal 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

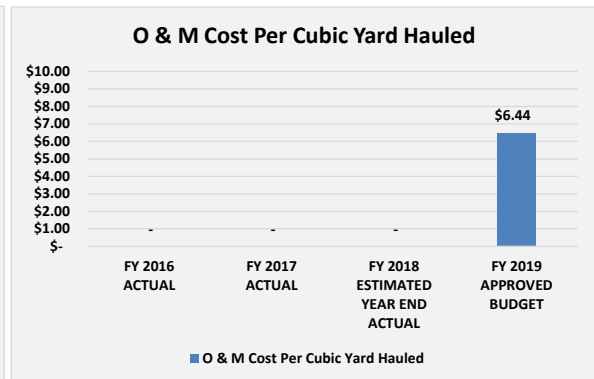
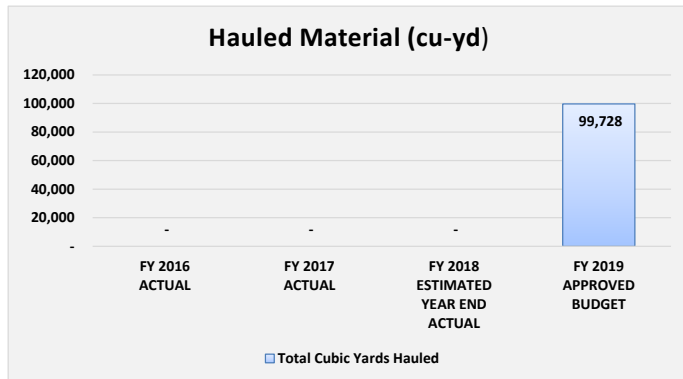
Compliance With State & Federal Regulations
 Operate Within Approved Budget
 % Of Special Projects Completed On Schedule

EFFICIENCY MEASURES

O & M Cost Per Cubic Yard Hauled

Note: New department created in 2019

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
No. Of Employees (FTE's)	-	-	-	8
Total O&M Expenses	\$ -	\$ -	\$ -	\$ 642,630
Resaca Sediment Hauling (cu-yd)	-	-	-	74,900
Water Plant Sludge Hauling (cu-yd)	-	-	-	10,112
Wastewater Plant Bio-solids Hauling (cu-yd)	-	-	-	14,266
Special Project Hauling (cu-yd)	-	-	-	450
Total Cubic Yards Hauled	-	-	-	99,728
Number Service Request For Other Departments	-	-	-	10
Compliance With State & Federal Regulations	-	-	-	Yes
Operate Within Approved Budget	-	-	-	Yes
% Of Special Projects Completed On Schedule	-	-	-	100%
O & M Cost Per Cubic Yard Hauled	\$ -	\$ -	\$ -	\$ 6.44



DEPARTMENT 3225 – WATER/WASTEWATER SLUDGE MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6115 Operational staff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 277,805
6130 Overtime	-	-	-	-	-	31,253
6201 T.M.R.S.	-	-	-	-	-	49,644
6205 F.I.C.A.	-	-	-	-	-	17,224
6210 Medicare	-	-	-	-	-	4,028
6214 Dental Insurance	-	-	-	-	-	2,232
6215 Hospitalization insurance	-	-	-	-	-	75,625
6220 Life Insurance	-	-	-	-	-	347
6221 Long Term Disability Insurance	-	-	-	-	-	556
6225 Workers Compensation	-	-	-	-	-	6,945
6230 Vacation leave	-	-	-	-	-	3,547
6235 Sick leave	-	-	-	-	-	3,902
6260 Vacancy Savings	-	-	-	-	-	(21,720)
<i>O&M PERSONNEL TOTAL</i>	-	-	-	-	-	451,387
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	455
7120 Office supplies	-	-	-	-	-	300
7140 Training expenses	-	-	-	-	-	3,200
7145 Travel expenses	-	-	-	-	-	1,120
7201 Barricades & signs	-	-	-	-	-	460
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	-	-	30,000
7215 Laundry & janitorial supplies	-	-	-	-	-	200
7225 Safety supplies	-	-	-	-	-	600
7299 Other materials & supplies	-	-	-	-	-	5,000
7315 Food, meals, ice, water	-	-	-	-	-	400
7325 Rental of equip/storage/land	-	-	-	-	-	14,500
7335 Wearing apparel & dry goods	-	-	-	-	-	2,610
7415 Fuels & lubricants	-	-	-	-	-	114,998
7645 Maintenance services	-	-	-	-	-	10,000
7805 Computer equipment	-	-	-	-	-	5,400
7899 Other minor tools & equipment	-	-	-	-	-	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	-	-	-	191,243
	-	-	-	-	-	642,630



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Noe C. Hernandez

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

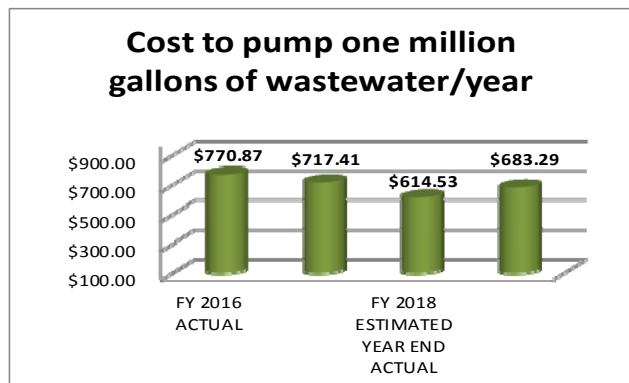
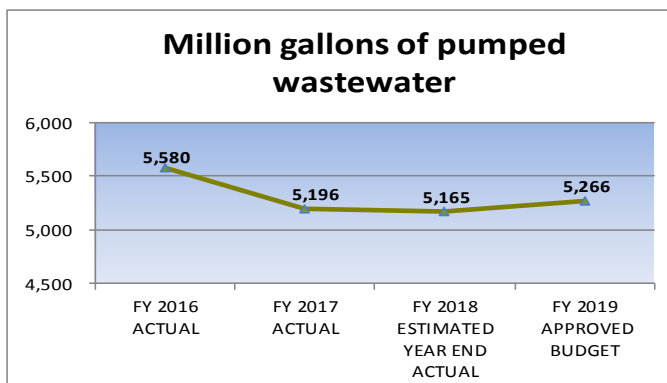
Department Goals/Objectives:

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Total O&M Expenses	\$ 4,238,506	\$ 4,039,709	\$ 3,728,771	\$ 3,591,617
Power Expenses	\$ 585,231	\$ 624,396	\$ 590,000	\$ 590,000
Kilowatt-hour usage	4,876,548	5,202,895	5,551,081	5,551,081
Labor-hours*	64,480	64,480	66,560	66,560
OUTPUT MEASURES				
Million gallons of pumped wastewater	5,580	5,196	5,165	5,266
OUTCOME MEASURES				
Number of customers served	49,777	50,242	50,709	51,204
EFFICIENCY MEASURES				
Kilowatt-hours to pump ww from one customer/year	98	103	109	108
Labor-hours to pump ww every 1000 customer/year	1,295	1,283	1,313	1,300
Cost to pump wastewater from one customer/year	\$ 86.41	\$ 73.78	\$ 62.59	\$ 70.27
Cost to pump one million gallons of wastewater/year	\$ 770.87	\$ 717.41	\$ 614.53	\$ 683.29
No. of emergency repairs every 1000 customers/year	3.7	4.1	4.7	3.2

NOTE:

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



DEPARTMENT 3230 – WASTEWATER LIFT STATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 110,630	\$ 76,834	\$ 138,812	\$ 140,171	\$ 140,171	\$ 140,171
6110 Clerical staff	25,607	25,291	26,855	27,271	27,702	27,290
6115 Operational staff	821,877	925,468	992,469	1,092,899	980,454	1,072,760
6130 Overtime	132,683	111,483	149,429	112,000	165,750	186,256
6201 T.M.R.S.	151,245	191,625	230,412	225,223	235,709	221,549
6205 F.I.C.A.	66,302	68,605	77,582	78,141	78,289	76,894
6206 Suta	1,715	-	-	-	-	-
6210 Medicare	15,506	16,045	18,144	18,275	18,310	17,983
6214 Dental Insurance	7,598	8,317	8,467	9,766	8,247	9,487
6215 Hospitalization insurance	196,669	239,519	251,025	282,821	252,730	288,547
6220 Life Insurance	1,375	1,475	1,599	1,899	1,353	1,534
6221 Long Term Disability Insurance	2,500	2,658	2,976	2,621	959	2,480
6225 Workers Compensation	27,775	29,001	32,567	31,509	33,302	31,006
6230 Vacation leave	2,459	5,134	6,604	15,250	125	15,835
6235 Sick leave	(5,766)	47,059	8,691	16,763	10,097	17,419
6260 Vacancy Savings	-	-	-	(95,530)	-	(94,485)
<i>O&M PERSONNEL TOTAL</i>	<u>1,558,174</u>	<u>1,748,514</u>	<u>1,945,631</u>	<u>1,959,078</u>	<u>1,953,198</u>	<u>2,014,725</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	256	-	-	150	-	150
7110 Dues & memberships	1,807	875	2,846	2,100	899	2,100
7120 Office supplies	3,391	2,676	3,987	3,500	3,668	3,500
7130 Postage/shipping charges	714	140	646	1,100	1,245	1,100
7140 Training expenses	2,125	8,375	4,250	6,630	15,424	6,630
7145 Travel expenses	310	3,755	1,265	2,244	1,083	2,516
7180 Utilities - departmental	523,497	498,298	484,203	490,000	514,586	490,000
7190 Utilities - CP&L & Mvec	105,438	98,532	90,665	100,000	91,932	100,000
7203 Sand, Caliche, Gravel, Concrete etc	1,277	-	3,808	4,300	4,844	5,219
7225 Safety supplies	4,066	2,494	9,811	9,800	13,662	10,000
7286 Chemicals - deodorants	6,413	7,225	8,922	11,700	8,279	11,700
7293 Chemicals - other	1,093,602	1,198,326	861,660	577,000	392,967	128,230
7299 Other materials & supplies	118,177	119,099	86,236	120,000	134,164	90,000
7315 Food, meals, ice, water	929	992	950	1,100	1,004	1,100
7325 Rental of equip/storage/land	6,062	25,348	19,118	28,100	20,817	30,900
7335 Wearing apparel & dry goods	12,632	12,343	13,593	12,000	15,748	13,000
7415 Fuels & lubricants	76,757	53,599	64,581	73,700	69,066	74,000
7505 Maint. of communication equipment	341	619	182	1,700	165	1,700
7515 Maint. of major equipment	20,394	-	-	-	-	-
7574 Maintenance of wells	2,673	12,053	10,870	16,400	0	66,000
7605 Engineering fees	100,043	96,333	75,180	100,000	51,048	25,000
7645 Maintenance services	190,145	181,846	155,262	215,000	40,853	255,147
7805 Computer equipment	1,044	780	266	500	233,446	500
7820 Office furniture & equipment	2,076	459	963	1,500	187	1,500
7830 Pumping equipment	163,128	146,814	176,184	227,800	1,313	230,000
7835 Tools, shop and garage equipment	9,034	6,865	1,924	4,400	139,007	4,400
7899 Other minor tools & equipment	14,031	12,145	16,709	22,500	697	22,500
7190 Utilities - CP&L & Mvec	-	-	-	-	19,470	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>2,460,361</u>	<u>2,489,992</u>	<u>2,094,078</u>	<u>2,033,224</u>	<u>1,775,573</u>	<u>1,576,892</u>
	<u>4,018,535</u>	<u>4,238,506</u>	<u>4,039,709</u>	<u>3,992,302</u>	<u>3,728,771</u>	<u>3,591,617</u>



Department Responsibility: Juan Bujanos, P.E.

Department Manager: Acting Engineering Manager

Telephone Ext: 6468

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

OUTPUT MEASURES

W/WW Engineering - Number of Projects Facilitated

W/WW Engineering - Number of Subdivision/Plats Reviewed*

OUTCOME MEASURES

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

W/WW Engineering - W/WW Impact Fees Invoiced in Millions \$

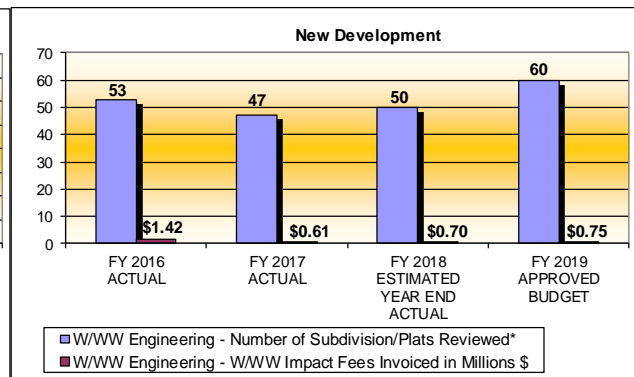
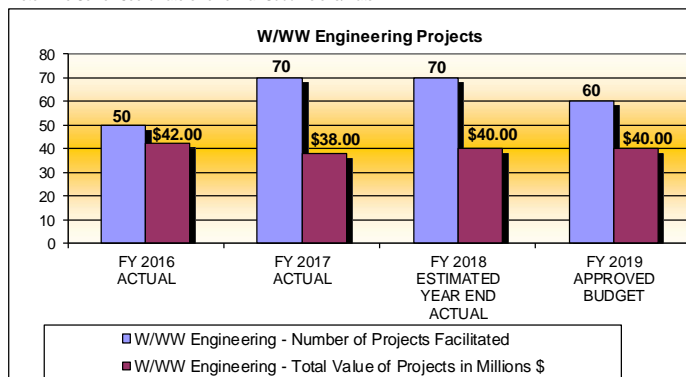
EFFICIENCY MEASURES

W/WW Engineering - Dollars in Millions Facilitated per Employee on Projects

W/WW Engineering - Amount of Subdivisions Reviewed per Employee

*Note-Two Senior Coordinators review all Subdivisions/Plats

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
W/WW Engineering - Number of Engineers/Senior Coordinators	8	9	9	7
W/WW Engineering - Number of Field Coordinators/Inspectors	4	3	3	3
W/WW Engineering - Number of Projects Facilitated	50	70	70	60
W/WW Engineering - Number of Subdivision/Plats Reviewed*	53	47	50	60
W/WW Engineering - Total Value of Projects in Millions \$	\$42.00	\$38.00	\$40.00	\$40.00
W/WW Engineering - W/WW Impact Fees Invoiced in Millions \$	\$1.42	\$0.61	\$0.70	\$0.75
W/WW Engineering - Dollars in Millions Facilitated per Employee on Projects	\$ 3.50	\$ 3.17	\$ 3.33	\$ 4.00



DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 58,295	\$ 61,969	\$ 67,683	\$ 110,248	\$ 56,916	\$ 104,545
6105 Administrative Staff	373,765	271,118	281,399	343,792	295,438	352,984
6110 Clerical staff	168,066	109,873	79,561	137,858	89,477	162,082
6115 Operational staff	5,534	-	-	-	-	-
6130 Overtime	2,452	1,244	415	1,500	2,658	4,755
6201 T.M.R.S.	89,119	74,224	78,334	105,772	80,245	110,583
6205 F.I.C.A.	39,057	26,765	26,243	36,698	25,870	38,416
6210 Medicare	9,134	6,260	6,137	8,583	6,050	8,984
6214 Dental Insurance	2,978	1,943	1,897	2,790	1,893	2,790
6215 Hospitalization insurance	85,170	57,707	60,935	87,211	63,961	87,397
6220 Life Insurance	814	580	540	1,131	445	706
6221 Long Term Disability Insurance	1,570	1,145	879	1,291	370	1,239
6225 Workers Compensation	17,837	11,552	11,296	14,797	11,684	15,490
6230 Vacation leave	4,592	(5,717)	3,948	7,162	(6,494)	7,911
6235 Sick leave	6,175	(11,376)	2,929	7,872	(2,689)	8,702
6240 Educational assistance	-	-	(829)	-	-	-
6260 Vacancy Savings	-	-	-	(42,509)	-	(44,261)
<i>O&M PERSONNEL TOTAL</i>	<u>864,556</u>	<u>607,287</u>	<u>621,368</u>	<u>824,197</u>	<u>625,825</u>	<u>862,324</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	1,159	-	-	-	-	-
7105 Books & periodicals	2,317	1,500	1,356	2,003	691	2,003
7110 Dues & memberships	1,874	665	642	1,216	333	1,216
7115 Educational material	-	300	-	300	-	300
7120 Office supplies	9,619	9,676	12,121	17,200	10,048	17,200
7125 Photo equipment/supplies	-	465	370	800	-	800
7130 Postage/shipping charges	321	937	332	800	433	800
7140 Training expenses	3,518	111	3,815	7,620	2,115	7,620
7145 Travel expenses	1,294	804	5,874	4,050	7,696	4,800
7225 Safety supplies	350	495	905	1,000	1,408	1,000
7299 Other materials & supplies	1,120	953	1,434	2,000	1,063	2,000
7315 Food, meals, ice, water	1,372	940	745	1,450	1,042	1,450
7325 Rental of equip/storage/land	8,204	10,069	8,619	14,158	8,309	14,000
7335 Wearing apparel & dry goods	2,015	1,502	2,121	1,810	2,458	1,810
7415 Fuels & lubricants	14,678	10,507	10,559	17,000	10,655	17,000
7505 Maint. of communication equipment	-	-	-	400	175	400
7601 Legal Fees	-	-	-	-	3,350	6,000
7605 Engineering fees	44,274	172,130	47,598	110,000	12,370	106,250
7630 Construction contractor services	-	-	-	-	109,000	109,000
7635 Software maintenance service fees	1,415	-	-	-	13,750	23,750
7645 Maintenance services	175	555	590	1,000	74,922	50,950
7699 Other services	2,497	30,622	-	24,694	9,201	21,122
7801 Communication equipment	209	-	-	400	-	400
7805 Computer equipment	179	218	282	3,480	150	4,000
7820 Office furniture & equipment	525	974	1,447	4,202	4,302	2,550
7899 Other minor tools & equipment	-	1,235	-	2,453	2,422	10,152
<i>O&M NON-PERSONNEL TOTAL</i>	<u>97,116</u>	<u>244,656</u>	<u>98,810</u>	<u>218,035</u>	<u>275,892</u>	<u>406,573</u>
	961,672	851,943	720,178	1,042,232	901,717	1,268,897



BROWNSVILLE
PUBLIC UTILITIES BOARD



Department Responsibility: Fernando Saenz, P.E.

Title: Assistant General Manager & COO

Telephone Ext: 6266

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 serves as the Assistant General Manager and 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, Energy Risk Manager 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 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.

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 120,195	\$ 211,413	\$ 258,891	\$ 264,992	\$ 264,992	\$ 264,992
6105 Administrative Staff	72,697	-	-	-	-	-
6110 Clerical staff	3,050	44,999	45,865	45,157	46,005	45,157
6130 Overtime	191	1,403	1,646	977	1,480	977
6201 T.M.R.S.	27,206	43,956	55,990	55,424	57,807	55,424
6205 F.I.C.A.	9,516	9,901	10,452	19,229	10,522	19,229
6210 Medicare	2,944	3,744	4,483	4,497	4,609	4,497
6214 Dental Insurance	436	535	543	558	543	558
6215 Hospitalization insurance	10,900	20,233	21,146	21,725	19,163	19,532
6220 Life Insurance	246	323	367	296	316	327
6221 Long Term Disability Insurance	510	673	784	620	261	620
6225 Workers Compensation	7,253	6,657	7,910	7,754	8,079	7,754
6230 Vacation leave	20,847	(6,125)	11,125	3,753	3,428	3,960
6235 Sick leave	77,902	780	19,947	4,125	130	4,356
6242 Auto Benefits	7,212	7,492	8,827	9,000	9,000	9,000
6243 Telephone Benefits	-	582	1,680	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(21,013)	-	(20,905)
<i>O&M PERSONNEL TOTAL</i>	<i>361,104</i>	<i>346,567</i>	<i>449,659</i>	<i>418,774</i>	<i>428,015</i>	<i>417,158</i>

DEPARTMENT 4105 – OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	68	-	-	200	-	200
7110 Dues & memberships	374	371	433	500	589	400
7120 Office supplies	662	2,360	2,761	1,500	1,552	1,500
7130 Postage/shipping charges	-	83	-	350	279	350
7135 Telephone expenses	90	169	-	500	-	500
7140 Training expenses	4,830	1,030	1,990	5,600	2,338	5,600
7145 Travel expenses	16,601	12,511	12,504	10,700	10,338	20,000
7225 Safety supplies	176	10	-	-	-	-
7299 Other materials & supplies	-	14	50	-	348	400
7315 Food, meals, ice, water	39	388	662	500	227	500
7601 Legal Fees	208,206	260,295	327,411	250,000	318,259	250,000
7699 Other services	-	385	15	-	133,424	-
7805 Computer equipment	1,009	1,412	80	750	-	750
7820 Office furniture & equipment	-	820	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	232,054	279,847	345,907	270,600	467,354	280,200
	593,158	626,414	795,566	689,374	895,369	697,358



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Total O&M Expenses	\$ 236,168	\$ 169,776	\$ 200,744	\$ 238,147
ERM Reports (monthly) produced	24	24	25	25
Audits Produced	1		1	1
Developed Energy Risk Analysis	4	4	10	10
Energy Risk Management Policy Updated	1	1	1	1
Review of Other Energy Risk Management Policies	7	-	12	12
Review of Load Forecast, Generation Resource Availability & Costs	5	5	5	5
Transaction accountability review	yes	yes	yes	yes
Increase Energy Risk Management Analysis	yes	yes	yes	yes
Establish frequent policy review	yes	yes	yes	yes
Establish a ERM Software	yes	yes	yes	yes

DEPARTMENT 4110 – ENERGY RISK MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 100,636	\$ 92,618	\$ 103,456	\$ 88,837	\$ 88,837	\$ 88,837
6201 T.M.R.S.	13,778	15,443	18,256	15,875	15,887	15,875
6205 F.I.C.A.	6,200	5,739	6,354	5,508	5,512	5,508
6210 Medicare	1,450	1,342	1,486	1,288	1,289	1,288
6214 Dental Insurance	322	289	324	279	272	279
6215 Hospitalization insurance	6,915	6,565	8,035	6,167	6,004	6,167
6220 Life Insurance	131	121	138	89	94	97
6221 Long Term Disability Insurance	266	246	284	178	75	178
6225 Workers Compensation	2,516	2,319	2,582	2,221	2,221	2,221
6230 Vacation leave	(11,412)	4,592	(4,673)	1,075	171	1,134
6235 Sick leave	(11,415)	12,513	(18,447)	1,182	2,648	1,248
6260 Vacancy Savings	-	-	-	(6,022)	-	(6,023)
<i>O&M PERSONNEL TOTAL</i>	<u>109,387</u>	<u>141,787</u>	<u>117,795</u>	<u>116,676</u>	<u>123,009</u>	<u>116,809</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	234	-	500	-	500
7110 Dues & memberships	45	116	236	500	238	238
7115 Educational material	-	-	-	-	687	-
7120 Office supplies	611	84	179	1,500	455	1,500
7130 Postage/shipping charges	150	-	-	300	-	100
7140 Training expenses	2,049	1,706	500	4,000	195	3,300
7145 Travel expenses	5,642	2,795	1,436	5,000	3,476	4,500
7225 Safety supplies	-	-	91	-	-	-
7299 Other materials & supplies	-	113	356	400	980	400
7315 Food, meals, ice, water	189	89	87	500	97	500
7699 Other services	70,265	87,455	48,509	100,000	70,743	100,000
7805 Computer equipment	1,547	-	260	4,000	585	2,000
7806 Software licenses-new	-	1,392	328	8,000	-	8,000
7820 Office furniture & equipment	-	398	-	1,000	280	300
<i>O&M NON-PERSONNEL TOTAL</i>	<u>80,498</u>	<u>94,381</u>	<u>51,981</u>	<u>125,700</u>	<u>77,735</u>	<u>121,338</u>
	189,885	236,168	169,776	242,376	200,744	238,147



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Number of Employees	5	5	5	5
O&M Personnel Expenses	\$ 342,835	\$ 453,418	\$ 466,881	\$ 451,656
O&M Non-Personnel Expenses	\$ 58,240	\$ 65,784	\$ 57,622	\$ 281,350
OUTPUT MEASURES				
Yearly Misoperations Submittals	4	4	4	4
Number of 693 Policies and Procedures Reviewed	44	51	54	54
Number of CIP Policies and Procedures Reviewed	40	45	10	10
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	118	316	292	272
Number of NERC requirements	827	1294	913	913
ERCOT protocols and operating guides sections	35	35	35	35
OUTCOME MEASURES				
Number of Trainings to Provide	2	3	2	2
Review of NERC Responsibility Matrix	2	2	2	2
EFFICIENCY MEASURES				
% of NERC Compliance	100%	100%	100%	100%
% of Trainings Completed	100%	100%	100%	100%

DEPARTMENT 4210 – NERC COMPLIANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 11,258	\$ 104,954	\$ 107,563	\$ 108,139	\$ 108,139	\$ 108,139
6105 Administrative Staff	123,651	126,219	174,246	190,694	190,694	190,694
6110 Clerical staff	-	13,779	29,792	29,765	29,152	29,765
6130 Overtime	-	81	214	312	203	312
6201 T.M.R.S.	18,342	40,905	55,142	58,721	58,692	58,721
6205 F.I.C.A.	8,189	14,747	18,745	20,373	19,696	20,373
6210 Medicare	1,915	3,449	4,384	4,765	4,606	4,765
6214 Dental Insurance	577	950	1,284	1,395	1,358	1,395
6215 Hospitalization insurance	13,213	28,511	38,804	42,729	41,589	42,729
6220 Life Insurance	177	325	411	339	362	372
6221 Long Term Disability Insurance	350	649	827	657	278	657
6225 Workers Compensation	3,373	6,186	7,789	8,215	8,222	8,215
6230 Vacation leave	13,498	1,686	5,145	3,976	(2,096)	4,196
6235 Sick leave	36,128	393	9,072	4,370	5,985	4,615
6260 Vacancy Savings	-	-	-	(23,290)	-	(23,291)
<i>O&M PERSONNEL TOTAL</i>	<u>230,673</u>	<u>342,835</u>	<u>453,418</u>	<u>451,159</u>	<u>466,881</u>	<u>451,656</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	300	-	88	500	-	500
7110 Dues & memberships	-	45	45	300	45	300
7120 Office supplies	1,867	2,225	1,500	3,000	1,107	3,000
7130 Postage/shipping charges	-	-	-	150	-	150
7135 Telephone expenses	-	-	-	500	250	500
7140 Training expenses	405	6,375	4,105	6,000	2,100	-
7145 Travel expenses	12,848	9,335	14,102	10,000	9,201	15,200
7225 Safety supplies	-	-	-	200	-	200
7304 Hurricane Preparedness Expenses	-	-	127	500	-	500
7305 ERCOT expenses	95,656	37,673	43,216	75,000	42,384	250,000
7315 Food, meals, ice, water	1,606	222	609	700	399	700
7325 Rental of equip/storage/land	290	231	24	300	80	300
7415 Fuels & lubricants	-	48	-	-	-	-
7635 Software maintenance service fees	-	-	-	3,000	-	3,000
7699 Other services	28	-	-	-	-	-
7805 Computer equipment	-	99	1,133	2,000	338	2,000
7806 Software licenses-new	-	-	-	3,000	1,402	3,000
7820 Office furniture & equipment	1,714	1,989	834	2,000	315	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>114,715</u>	<u>58,240</u>	<u>65,784</u>	<u>107,150</u>	<u>57,622</u>	<u>281,350</u>
	345,388	401,075	519,202	558,309	524,503	733,006



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Cassandra Rosales

Title: Fuel & Purchased Energy Manager

Telephone Ext: 6312

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 and fuel & energy supply invoices for the Silas Ray, Hidalgo, and Oklaunion power plants and the Sendero Wind Farm. 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 monitors generation unit efficiencies to comply with ERCOT market changes and maintain 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
Congestion Revenue Rights Auction Participation

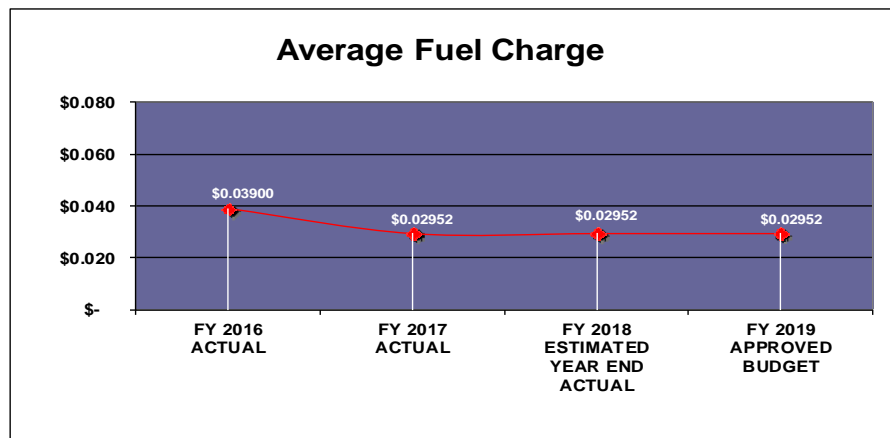
OUTCOME MEASURES

Fuel & Energy Reports
Fuel & Purchase Energy Charge Projections
Load and Capacity Forecast
Congestion Revenue Rights Auctions Awarded

EFFICIENCY MEASURES

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

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees	2	2	2	2
O&M Personnel Expenses	\$ 166,896	\$ 186,318	\$ 180,718	\$ 184,027
O&M Non-Personnel Expenses	\$ 51,828,764	\$ 58,311,689	\$ 60,959,437	\$ 60,483,000
Fuel & Energy Invoices/Transactions Processed	787	784	771	742
Fuel & Energy Contracts Maintained	8	8	8	7
Fuel & Energy Data Modeling	12	12	57	51
Congestion Revenue Rights Auction Participation	14	15	25	24
Fuel & Energy Reports	43	46	53	52
Fuel & Purchase Energy Charge Projections	12	12	12	12
Load and Capacity Forecast	13	15	17	20
Congestion Revenue Rights Auctions Awarded	9	1	6	8
% 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	\$ 0.03900	\$ 0.02952	\$ 0.02952	\$ 0.02952



DEPARTMENT 4220 – FUEL & PURCHASED ENERGY SUPPLY

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 66,064	\$ 61,475	\$ 57,374	\$ 71,760	\$ 71,760	\$ 71,760
6105 Administrative Staff	44,164	61,285	60,495	58,947	58,947	58,947
6201 T.M.R.S.	14,954	20,273	20,870	23,357	23,376	23,357
6205 F.I.C.A.	6,407	7,114	6,809	8,104	7,572	8,104
6210 Medicare	1,498	1,664	1,592	1,895	1,771	1,895
6214 Dental Insurance	492	520	491	558	543	558
6215 Hospitalization insurance	16,685	19,612	19,108	21,725	21,145	21,725
6220 Life Insurance	151	160	149	135	143	148
6221 Long Term Disability Insurance	298	315	300	261	110	261
6225 Workers Compensation	2,756	3,073	2,947	3,268	3,268	3,268
6230 Vacation leave	7,252	(5,607)	5,551	1,582	(1,346)	1,669
6235 Sick leave	6,436	(2,988)	10,632	1,738	(6,571)	1,836
6260 Vacancy Savings	-	-	-	(9,501)	-	(9,501)
<i>O&M PERSONNEL TOTAL</i>	<u>167,158</u>	<u>166,896</u>	<u>186,318</u>	<u>183,829</u>	<u>180,718</u>	<u>184,027</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	3,040	3,070	3,390	3,500	3,300	3,500
7110 Dues & memberships	2,000	2,000	2,000	1,700	-	2,000
7120 Office supplies	1,531	1,452	1,210	1,800	486	1,800
7130 Postage/shipping charges	-	-	24	200	-	200
7135 Telephone expenses	-	-	-	500	-	700
7140 Training expenses	-	1,596	1,596	-	-	-
7145 Travel expenses	-	1,445	908	-	-	-
7304 Hurricane Preparedness Expenses	-	-	-	200	-	200
7305 ERCOT expenses	1,051,289	75,379	514,037	900,000	887,951	1,250,000
7315 Food, meals, ice, water	269	44	25	500	25	500
7325 Rental of equip/storage/land	-	-	-	300	-	-
7601 Legal Fees	-	-	-	75,000	-	50,000
7605 Engineering fees	-	-	4,524	25,000	2,575	5,000
7635 Software maintenance service fees	-	-	-	-	-	3,500
7701 Fuel - Natural gas - Silas Ray	1,360,321	644,625	1,042,911	1,000,000	1,152,878	1,000,000
7702 Fuel - Natural Gas - Hidalgo Energy	9,210,195	7,768,473	9,003,032	8,000,000	10,151,033	10,000,000
7704 Fuel - TETCO/Hinshaw Pipeline	619,795	600,647	631,662	650,000	601,202	650,000
7705 Fuel - Coal - Oklaunion	6,940,676	7,500,314	6,380,124	5,000,000	7,918,062	5,000,000
7706 Fuel-Diesel-Distributed Generation	-	-	-	35,000	-	35,000
7707 Fuel - Diesel oil - Oklaunion	149,218	171,250	180,013	150,000	57,622	50,000
7708 Fuel - Natural Gas Tranp-SilasRay	50,465	53,643	93,473	100,000	92,818	100,000
7714 Pchp - Wind Resources	-	8,915,000	10,454,540	10,500,000	9,232,681	9,000,000
7720 Pchp - Resource Imbalance	3,183,248	789,572	1,649,817	1,500,000	1,467,266	3,000,000
7721 Pchp - Economy power	20,437,471	8,984,607	8,679,811	11,000,000	11,982,163	11,000,000
7726 Pchp - Bilateral Energy Expns-Gas	-	-	-	10,000	-	10,000
7727 Pchp - Bilateral Energy-Gas Transp	-	-	-	1,000	-	1,000
7728 Pchp - Bilateral Energy Exp-Coal	-	-	-	10,000	-	10,000
7729 Pchp - TCOS (Wheeling)	7,634,407	7,935,284	8,328,774	8,700,000	8,044,301	8,500,000
7733 Pchp - Bilateral Ancillary Services	1,720,538	1,198,774	1,224,823	1,500,000	2,083,864	1,800,000
7736 Pchp - QSE Charges	312,000	383,500	399,050	400,000	600,702	420,000
7737 Pchp - Ercot Charges	965,295	1,046,865	1,339,038	1,400,000	1,358,473	1,400,000
7738 Pchp - CSC Congestion Cost (CSCBE)	2,429,637	927,058	3,911,871	1,500,000	315,287	1,500,000
7740 Power marketing services	413,200	283,249	148,389	300,000	314,052	300,000
7750 Pchp - Real Time Energy - Wind	-	-	1,094,964	700,000	1,324,998	1,500,000
7751 Pchp - Reliability Unit Cmt Exp-Gas	23,142	98,846	99,641	150,000	47,274	150,000
7752 Pchp - Reliab Unit Cmt - Gas Transp	3,905	12,632	6,953	15,000	3,319	15,000
7753 Pchp - Day Ahead Energy Exp-Gas	1,056,932	848,692	70,284	500,000	42,937	500,000
7754 Pchp - Day Ahead Energy-Gas Transp	58,030	94,746	6,558	50,000	2,725	50,000
7755 Pchp - Real Time Energy Exp-Gas	974,961	1,668,337	1,721,091	1,500,000	1,286,973	1,500,000
7756 Pchp - Real Time Energy - Gas Transp	116,279	171,278	128,448	150,000	92,832	150,000
7757 Pchp - Reliab Unit Cmt - Coal	-	-	-	10,000	-	10,000
7758 Pchp - Day Ahead Energy-Coal	-	-	-	10,000	-	10,000
7759 Pchp - Real Time Energy - Coal	547,869	1,641,154	1,188,008	1,500,000	1,891,639	1,500,000
7805 Computer equipment	1,058	40	-	1,900	-	1,900
7806 Software licenses-new	-	5,190	-	-	-	-
7820 Office furniture & equipment	480	-	700	2,700	-	2,700
<i>O&M NON-PERSONNEL TOTAL</i>	<u>59,267,251</u>	<u>51,828,764</u>	<u>58,311,689</u>	<u>57,354,300</u>	<u>60,959,437</u>	<u>60,483,000</u>
	59,434,409	51,995,660	58,498,007	57,538,129	61,140,155	60,667,027



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



Department Responsibility: Fernando Saenz, P.E.

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 proposed Brownsville Generating Station.

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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	\$ -	\$ -	\$ -	\$ 250	\$ -	\$ 250
7120 Office supplies	-	-	-	1,500	-	1,500
7130 Postage/shipping charges	-	-	-	350	-	350
7315 Food, meals, ice, water	-	-	-	500	-	500
7605 Engineering fees	-	-	-	25,000	-	25,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	-	27,600	-	27,600
	-	-	-	27,600	-	27,600

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**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**

Department Responsibility: Jaime Estrada

Title: Director of Operational Support Services

Telephone Ext: 6218

Dept. No: 4310

**PERFORMANCE MEASURES
FOR THE
OPERATIONAL SUPPORT SERVICES DEPARTMENT**

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, Water and Wastewater Treatment Plants, Resaca Maintenance, Raw Water Supply, Water/Wastewater Sludge Management and SRWA.

Department Goals/Objectives:

The department's objectives are to provide our customers, both internally and externally, with economical, reliable, and friendly service. To effectively direct Strategic Planning efforts in order to coordinate and prioritize goals and objectives. Recognize constraints and limitations of State and Industry guidelines in addition to other applicable rules and regulations. Conduct periodic staff meetings and workshops.

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 68,387	\$ 319,191	\$ 360,461	\$ 370,843	\$ 359,381	\$ 370,843
6110 Clerical staff	30,626	36,080	36,671	36,421	37,045	36,421
6130 Overtime	1,183	796	1,158	1,051	1,046	1,051
6201 T.M.R.S.	13,614	61,145	72,001	72,778	72,616	72,778
6205 F.I.C.A.	5,632	20,069	22,787	25,250	23,091	25,250
6210 Medicare	1,476	5,184	5,737	5,905	5,726	5,905
6214 Dental Insurance	379	960	1,062	1,116	1,056	1,116
6215 Hospitalization insurance	10,800	31,069	35,132	36,871	34,971	36,871
6220 Life Insurance	134	442	502	401	415	442
6221 Long Term Disability Insurance	268	907	1,048	815	335	815
6225 Workers Compensation	4,538	9,140	10,173	10,182	10,155	10,182
6230 Vacation leave	(1,018)	9,790	2,117	4,928	820	5,200
6235 Sick leave	2,754	54,917	915	5,417	1,224	5,720
6242 Auto Benefits	7,500	7,493	7,500	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,679	1,680	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(28,029)	-	(28,031)
<i>O&M PERSONNEL TOTAL</i>	<u>147,953</u>	<u>558,860</u>	<u>558,946</u>	<u>553,129</u>	<u>557,063</u>	<u>553,742</u>

DEPARTMENT 4310 – OPERATIONAL SUPPORT SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	200	-	200
7110 Dues & memberships	45	107	1,095	265	231	765
7115 Educational material	-	-	-	500	-	500
7120 Office supplies	1,511	1,939	1,753	2,000	1,891	2,000
7130 Postage/shipping charges	-	160	70	200	139	200
7140 Training expenses	-	1,510	660	3,835	2,815	4,090
7145 Travel expenses	-	8,620	3,340	11,350	5,717	3,926
7225 Safety supplies	-	-	30	250	59	250
7299 Other materials & supplies	57	152	6	400	-	400
7304 Hurricane Preparedness Expenses	-	-	83	-	-	-
7315 Food, meals, ice, water	2,841	2,968	2,883	3,500	2,631	3,500
7601 Legal Fees	2,290	8,559	8,369	7,500	8,509	7,500
7605 Engineering fees	-	-	-	10,000	-	10,000
7699 Other services	-	6,350	180	50,000	9,191	50,000
7801 Communication equipment	-	960	-	-	-	-
7805 Computer equipment	2,189	948	-	900	310	-
7820 Office furniture & equipment	3,246	2,273	2,993	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	12,180	34,545	21,462	90,900	31,493	83,331
	160,133	593,405	580,408	644,029	588,556	637,073



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Leandro G. Garcia, CPA

Title: Chief Financial Officer

Telephone Ext: 6173

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, 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)
Avg. Number of Services Billed by Electric
Avg. Number of Services Billed by Water
Avg. Number of Services Billed by Wastewater

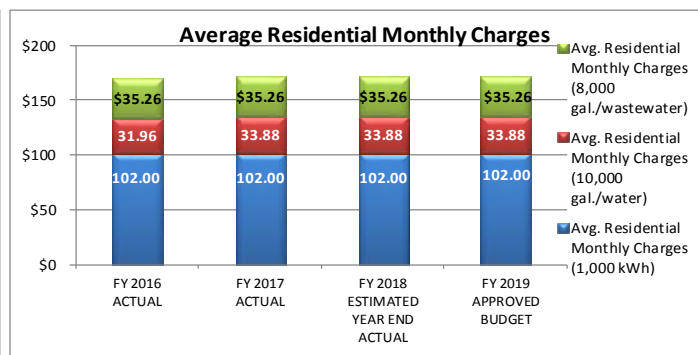
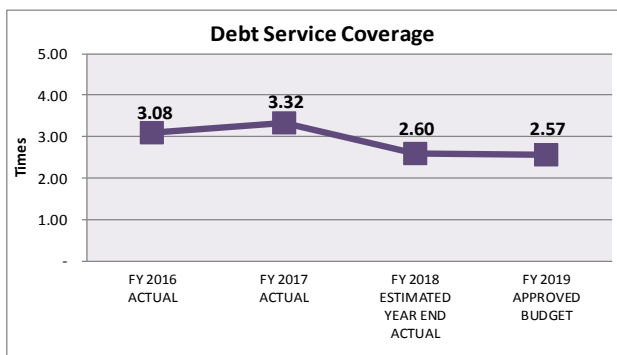
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	8	7	7	7
Total O&M Expenses	\$ 935,475	\$ 952,462	\$ 1,056,118	\$ 1,047,596
Annual Financial Plan	\$ 212,773,952	\$ 205,913,785	\$ 219,718,683	\$ 223,196,898
Annual Capital Plan	\$ 56,116,066	\$ 59,558,201	\$ 61,267,696	\$ 67,566,077
Cash Portfolio Report (weekly)	52	52	52	52
Quarterly Investment Reports Produced	4	4	4	4
Operational Reports Produced (monthly)	12	12	12	12
Avg. Number of Services Billed by Electric	48,798	49,563	49,936	50,439
Avg. Number of Services Billed by Water	50,046	50,686	50,953	51,483
Avg. Number of Services Billed by Wastewater	49,803	50,411	50,825	51,948
Maintain Three-Month Operating Reserve	Yes	Yes	Yes	Yes
Bond Rating Desired: A (Fitch / Moody's / S&P)	A+ / A2 / A+	A+ / A2 / A+	A+ / A2 / A+	A+ / A2 / A+
Debt Service Coverage (Goal: minimum 1.5)	3.08	3.32	2.60	2.57
Compliance With Bond Covenants	Yes	Yes	Yes	Yes
Compliance With GAAP, GASB, FERC	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Avg. Residential Monthly Charges (1,000 kWh)	\$ 102.00	\$ 102.00	\$ 102.00	\$ 102.00
Avg. Residential Monthly Charges (10,000 gal./water)	\$ 31.96	\$ 33.88	\$ 33.88	\$ 33.88
Avg. Residential Monthly Charges (8,000 gal./wastewater)	\$ 35.26	\$ 35.26	\$ 35.26	\$ 35.26



DEPARTMENT 5110 – FINANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 212,510	\$ 297,843	\$ 347,225	\$ 356,406	\$ 356,345	\$ 356,406
6105 Administrative Staff	85,410	138,615	111,488	132,020	106,881	133,039
6110 Clerical staff	41,273	41,499	41,997	41,205	42,055	41,205
6130 Overtime	1,077	1,507	656	1,486	1,013	1,486
6201 T.M.R.S.	45,979	81,022	90,069	94,645	91,901	94,827
6205 F.I.C.A.	17,255	24,300	23,531	32,837	23,644	32,900
6210 Medicare	4,792	6,876	7,234	7,680	7,317	7,694
6214 Dental Insurance	1,331	1,766	1,614	1,758	1,564	1,758
6215 Hospitalization insurance	37,816	53,687	49,937	50,496	45,886	50,496
6220 Life Insurance	449	628	637	877	535	585
6221 Long Term Disability Insurance	894	1,257	(104)	1,132	(295)	1,061
6225 Workers Compensation	12,477	13,928	14,144	13,241	13,552	13,266
6230 Vacation leave	(4,818)	1,506	11,755	6,409	(1,479)	6,775
6235 Sick leave	(10,270)	8,791	20,080	7,044	6,965	7,453
6242 Auto Benefits	7,500	7,455	8,827	9,000	9,000	9,000
6260 Vacancy Savings	-	-	-	(36,615)	-	(36,662)
<i>O&M PERSONNEL TOTAL</i>	<u>453,677</u>	<u>680,682</u>	<u>729,089</u>	<u>719,620</u>	<u>704,882</u>	<u>721,290</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	283	530	830	750	968	1,500
7110 Dues & memberships	2,896	4,037	3,123	1,500	2,299	1,500
7115 Educational material	-	-	101	200	357	200
7120 Office supplies	22,092	24,313	20,802	25,000	22,657	25,000
7130 Postage/shipping charges	722	803	697	1,500	422	1,000
7135 Telephone expenses	266	-	-	-	-	-
7140 Training expenses	5,795	13,399	6,506	14,344	8,616	15,320
7145 Travel expenses	5,231	10,872	8,169	11,000	13,213	17,056
7147 Mileage Reimbursement (InTownExp)	-	-	48	200	45	200
7199 Miscellaneous office expenses	513	-	-	-	-	-
7225 Safety supplies	-	-	9	-	-	-
7299 Other materials & supplies	161	30	120	300	3,410	300
7315 Food, meals, ice, water	2,803	3,739	1,551	2,000	2,990	2,500
7325 Rental of equip/storage/land	7,764	8,618	7,662	10,000	6,668	10,000
7415 Fuels & lubricants	51	40	-	-	-	-
7601 Legal Fees	4,288	974	413	25,000	7,969	25,000
7605 Engineering fees	1,612	32,823	32,351	50,000	102,105	50,000
7610 Financial advisor services	60,591	63,669	60,000	85,000	69,681	85,000
7615 External auditor fees	50,500	58,000	50,000	60,000	56,500	60,000
7699 Other services	21,966	24,078	26,159	30,000	48,965	30,000
7801 Communication equipment	-	-	238	-	-	-
7805 Computer equipment	-	207	-	1,850	530	530
7806 Software licenses-new	-	312	-	-	1,459	-
7820 Office furniture & equipment	3,222	8,350	4,592	1,200	2,382	1,200
<i>O&M NON-PERSONNEL TOTAL</i>	<u>190,756</u>	<u>254,793</u>	<u>223,373</u>	<u>319,844</u>	<u>351,236</u>	<u>326,306</u>
	644,433	935,475	952,462	1,039,464	1,056,118	1,047,596



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**

Department Responsibility: Miguel A. Perez

Title: Director of Finance

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 Process Timely
No. of Bank Accounts Reconciled Annually
No. of Financial Stmt's Produced Annually
Dollar Recorded for Capital Asset Additions

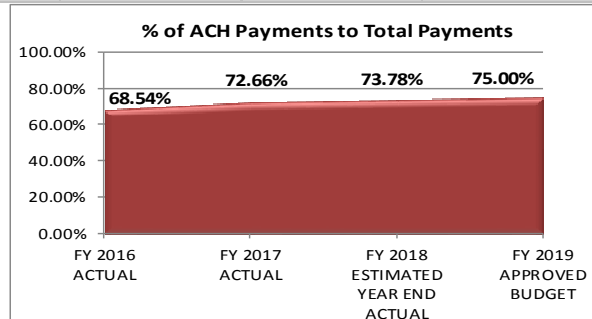
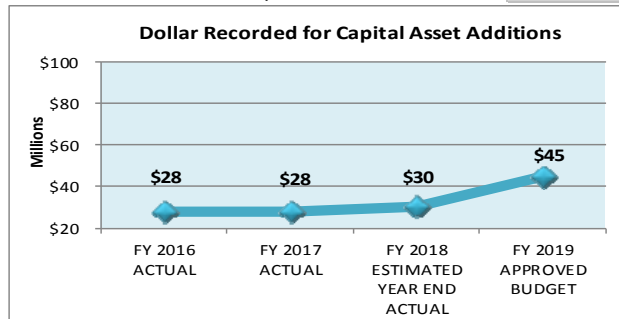
OUTCOME MEASURES

% of ACH Payments to Total Payments
% Payroll Direct Deposits to Total Cks & DD
% of Bank Accounts Reconciled Within 15 days
% of Mo. Financial Stmt's 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 Stmt's
Annual Cost to Maintain Capital Assets CPR

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Number of AP Checks & Wires Processed	2,596	2,089	2,114	2,140
Number of AP ACH Payments Processed	5,657	5,711	6,201	6,300
Number of Payroll Cks and DD Processed	18,183	18,344	18,900	18,900
Average Mo. Bank Transactions Reconciled	1,320	1,482	1,500	1,500
No. of JEs Processed for Recon. of Accts.	4,516	4,652	4,789	4,800
Capital Assets, Net Capitalized in the CPR	\$ 603,860,164	\$ 597,697,513	\$ 600,000,000	\$ 615,000,000
Percentage of Invoice Pd. Within 30 days	90%	91%	92%	92%
Percentage of Payrolls Process Timely	100%	100%	100%	100%
No. of Bank Accounts Reconciled Annually	324	324	324	324
No. of Financial Stmt's Produced Annually	12	12	12	12
Dollar Recorded for Capital Asset Additions	\$ 27,806,529	\$ 27,856,107	\$ 30,000,000	\$ 45,000,000
% of ACH Payments to Total Payments	68.54%	72.66%	73.78%	75.00%
% Payroll Direct Deposits to Total Cks & DD	99.91%	99.95%	99.91%	99.95%
% of Bank Accounts Reconciled Within 15 days	100.00%	100.00%	100.00%	100.00%
% of Mo. Financial Stmt's Completed on Schedule	100.00%	100.00%	100.00%	100.00%
Timely Recon (60 days) of Capital Assets at YE	Yes	Yes	Yes	Yes
Annual Cost of Cks and ACH Initiated	\$ 148,574	\$ 178,974	\$ 175,200	\$ 191,900
Annual Cost of Processing Bi-Weekly Payroll	\$ 38,041	\$ 54,124	\$ 54,124	\$ 55,900
Staff Hours Per 100 Bank Reconciliations	7.6	4.8	4.9	4.8
Annual Cost to Produce Monthly Financial Stmt's	\$ 166,135	\$ 266,738	\$ 277,757	\$ 286,000
Annual Cost to Maintain Capital Assets CPR	\$ 128,383	\$ 130,990	\$ 127,216	\$ 140,500



DEPARTMENT 5120 - ACCOUNTING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 176,378	\$ 229,010	\$ 299,567	\$ 289,103	\$ 303,618	\$ 294,994
6105 Administrative Staff	64,271	159,413	152,591	185,559	148,475	193,980
6110 Clerical staff	144,568	176,743	165,507	181,293	194,189	187,034
6130 Overtime	7,495	3,700	2,290	2,836	2,192	2,729
6201 T.M.R.S.	53,583	97,108	111,892	117,219	117,384	120,803
6205 F.I.C.A.	23,797	34,046	37,347	40,669	39,155	41,912
6210 Medicare	5,596	8,115	8,828	9,511	9,173	9,802
6214 Dental Insurance	2,163	3,235	3,375	3,627	3,546	3,906
6215 Hospitalization insurance	56,919	95,429	98,962	104,960	105,073	114,883
6220 Life Insurance	535	782	838	876	728	797
6221 Long Term Disability Insurance	1,031	1,492	(1,695)	1,349	(1,145)	1,352
6225 Workers Compensation	16,589	17,594	19,234	16,399	18,075	16,900
6230 Vacation leave	4,479	(2,095)	11,374	7,937	4,038	8,631
6235 Sick leave	(2,786)	12,184	22,465	8,724	13,505	9,495
6240 Educational assistance	-	-	-	3,000	-	3,000
6242 Auto Benefits	7,500	7,489	7,500	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,678	1,680	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(47,528)	-	(49,318)
<i>O&M PERSONNEL TOTAL</i>	563,797	845,922	941,756	934,715	967,186	970,080
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	252	735	1,063	920	819	920
7110 Dues & memberships	541	580	3,080	580	3,666	580
7120 Office supplies	11,296	10,493	9,094	10,250	9,614	9,250
7130 Postage/shipping charges	61	84	229	300	103	300
7135 Telephone expenses	604	238	-	-	-	-
7140 Training expenses	1,110	5,549	2,930	5,856	3,615	4,690
7145 Travel expenses	-	6,147	3,579	7,000	2,153	6,790
7147 Mileage Reimbursement (InTownExp)	-	-	38	-	3	132
7225 Safety supplies	5	18	-	75	-	75
7299 Other materials & supplies	81	-	52	100	40	100
7301 Bad debt expense	-	1,050	27	-	-	-
7315 Food, meals, ice, water	1,515	1,040	868	1,256	1,134	1,273
7335 Wearing apparel & dry goods	396	100	116	120	135	120
7635 Software maintenance service fees	9,078	5,234	6,846	5,994	4,142	5,994
7699 Other services	-	8,900	16,567	19,300	9,803	19,300
7805 Computer equipment	218	-	652	-	-	-
7806 Software licenses-new	-	479	-	300	113	300
7820 Office furniture & equipment	4,262	10,797	6,726	400	3,919	800
<i>O&M NON-PERSONNEL TOTAL</i>	29,417	51,444	51,868	52,451	39,260	50,624
	593,214	897,366	993,624	987,166	1,006,446	1,020,704



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Diane Solitaire

Title: Materials & Warehouse Manager

Telephone Ext: 6366

Dept. No: 5130

**PERFORMANCE MEASURES
FOR THE
PURCHASING DEPARTMENT**

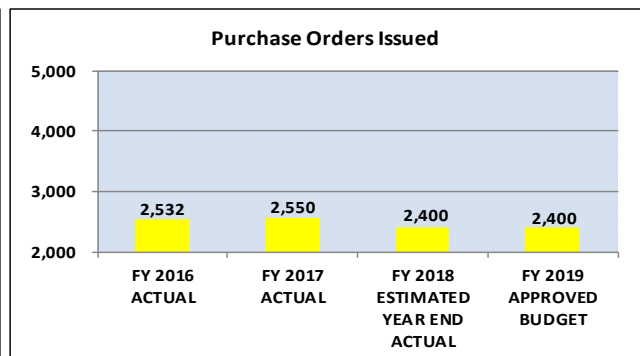
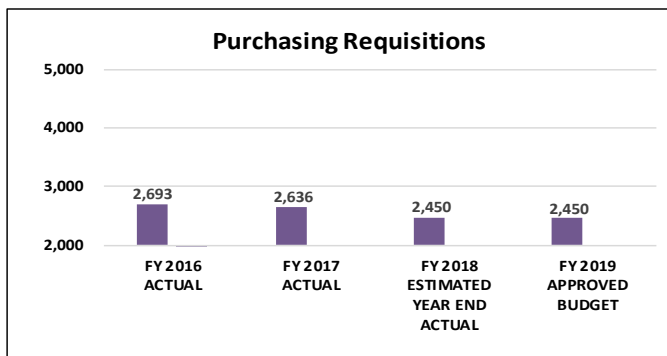
Department Function:

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Employees	7	7	7	7
O&M Personnel Expenses	\$ 435,433	\$ 510,723	\$ 503,210	\$ 480,400
O&M Non-Personnel Expenses	\$ 65,115	\$ 78,057	\$ 68,466	\$ 74,555
OUTPUT MEASURES				
Purchasing Requisitions	2,693	2,636	2,450	2,450
P-Card Cardholders	123	130	124	124
OUTCOME MEASURES				
Purchase Orders Issued	2,532	2,550	2,400	2,400
P-Card Cardholders vs No. Employees	123 vs 571 (22%)	124 vs 585 (22%)	124 vs 591 (21%)	124 vs 591 (21%)
EFFICIENCY MEASURES				
Reduce No. of Requisitions and P.O.'s Issued	161	86	50	50
Checks Per Month (P-card usage) Number of checks vs number of p card merchants	235 vs 600	170 vs 615	150 vs 645	150 vs 645



DEPARTMENT 5130 – PURCHASING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 56,968	\$ 82,645	\$ 84,280	\$ 84,469	\$ 84,469	\$ 84,469
6105 Administrative Staff	108,124	158,880	212,896	222,610	222,622	222,621
6110 Clerical staff	24,194	22,376	28,754	31,117	31,154	31,117
6130 Overtime	21	42	11	22	63	67
6140 Severance Pay	-	43,704	-	-	-	-
6201 T.M.R.S.	25,754	48,347	57,644	60,435	60,502	60,437
6205 F.I.C.A.	11,179	17,199	19,218	20,968	19,949	20,969
6206 Suta	171	-	14,712	-	5,698	-
6210 Medicare	2,614	4,022	4,494	4,904	4,666	4,904
6214 Dental Insurance	1,157	1,555	1,859	1,953	1,899	1,953
6215 Hospitalization insurance	32,102	47,127	57,340	60,068	58,411	60,068
6220 Life Insurance	269	374	449	365	389	399
6221 Long Term Disability Insurance	510	711	872	676	287	676
6225 Workers Compensation	6,726	6,677	8,234	8,455	8,458	8,455
6230 Vacation leave	879	(3,152)	4,677	4,092	2,569	4,318
6235 Sick leave	(1,964)	4,927	15,283	4,498	2,075	4,750
6260 Vacancy Savings	-	-	-	(24,801)	-	(24,803)
<i>O&M PERSONNEL TOTAL</i>	<u>268,704</u>	<u>435,433</u>	<u>510,723</u>	<u>479,831</u>	<u>503,210</u>	<u>480,400</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	27,072	25,315	24,049	25,000	30,830	25,000
7105 Books & periodicals	-	192	-	255	219	285
7110 Dues & memberships	360	360	746	300	770	835
7120 Office supplies	4,473	3,406	3,462	4,000	3,245	4,000
7130 Postage/shipping charges	139	62	261	300	102	300
7140 Training expenses	215	-	1,650	600	1,490	900
7145 Travel expenses	-	-	192	2,000	1,737	4,060
7180 Utilities - departmental	11,868	11,464	10,632	11,000	10,967	11,000
7215 Laundry & janitorial supplies	161	254	198	250	112	250
7299 Other materials & supplies	510	3,051	808	1,200	1,724	1,200
7304 Hurricane Preparedness Expenses	-	-	629	-	-	-
7315 Food, meals, ice, water	204	232	174	300	200	300
7325 Rental of equip/storage/land	4,285	4,421	4,018	4,300	3,526	4,300
7415 Fuels & lubricants	283	99	56	-	119	-
7599 Maintenance / other	13,435	3,361	17,442	15,000	3,870	12,000
7635 Software maintenance service fees	-	-	-	-	8,747	9,625
7645 Maintenance services	1,426	2,676	-	500	-	500
7806 Software licenses-new	-	-	10,770	-	113	-
7820 Office furniture & equipment	5,248	10,221	2,969	-	695	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>69,677</u>	<u>65,115</u>	<u>78,057</u>	<u>65,005</u>	<u>68,466</u>	<u>74,555</u>
	338,381	500,548	588,780	544,836	571,676	554,955



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**

Department Responsibility: Miguel A. Perez

Title: Director of Finance

Telephone Ext: 6187

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 Tamperings Reported
No. of Tampering Incidents Confirmed

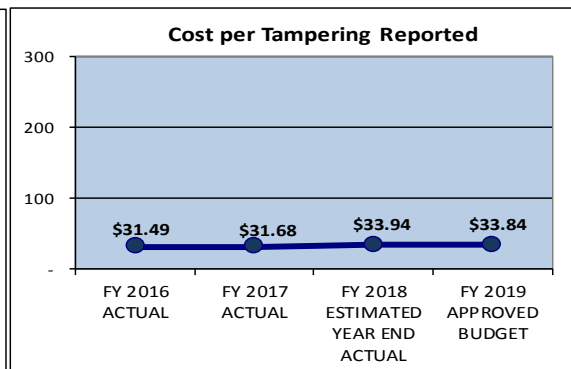
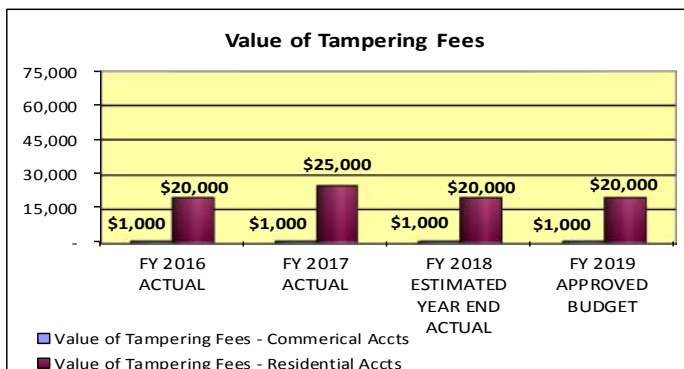
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees	3	3	3	3
O&M Personnel Expenses	\$ 191,527	\$ 192,766	\$ 199,581	\$ 196,487
O&M Non-Personnel Expenses	\$ 13,173	\$ 13,147	\$ 21,027	\$ 23,444
No. of Accounts Proactively Investigated	6,500	6,500	6,500	6,500
No. of Tampering Incidents Reported Internally	125	175	100	100
No. of Tampering Incidents Reported thru Hotline	5	5	10	10
Total Number of Tamperings Reported	130	180	110	110
No. of Tampering Incidents Confirmed	55	100	50	50
Value of Tampering Fees - Commerical Accts	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Value of Backbillings - Commercial Accts	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Value of Tampering Fees - Residential Accts	\$ 20,000	\$ 25,000	\$ 20,000	\$ 20,000
Value of Backbillings - Residential Accts	\$ 55,000	\$ 125,000	\$ 100,000	\$ 100,000
Cost per Tampering Reported	\$ 31.49	\$ 31.68	\$ 33.94	\$ 33.84
Ratio of Revenue Recovered to Cost	\$ 2.59	\$ 1.34	\$ 1.78	\$ 1.77



DEPARTMENT 5140 – REVENUE RECOVERY

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 50,488	\$ 50,457	\$ 51,696	\$ 51,813	\$ 51,813	\$ 51,813
6115 Operational staff	81,114	81,033	77,720	83,013	83,139	83,013
6130 Overtime	294	47	296	500	372	1,197
6201 T.M.R.S.	17,953	21,898	22,360	24,093	24,201	24,093
6205 F.I.C.A.	7,855	7,842	7,427	8,359	7,942	8,359
6210 Medicare	1,837	1,834	1,737	1,955	1,857	1,955
6214 Dental Insurance	818	804	759	837	814	837
6215 Hospitalization insurance	21,854	23,965	24,779	27,892	27,139	27,892
6220 Life Insurance	184	184	178	147	156	161
6221 Long Term Disability Insurance	347	348	343	270	114	270
6225 Workers Compensation	3,297	3,300	3,159	3,371	3,383	3,371
6230 Vacation leave	(191)	469	295	1,631	(196)	1,721
6235 Sick leave	-	(656)	2,016	1,793	(1,154)	1,894
6260 Vacancy Savings	-	-	-	(10,087)	-	(10,088)
<i>O&M PERSONNEL TOTAL</i>	185,849	191,527	192,766	195,587	199,581	196,487
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	50	-	-	-	75	675
7120 Office supplies	685	1,014	1,102	2,000	203	2,000
7125 Photo equipment/supplies	-	246	-	-	-	-
7140 Training expenses	1,138	-	400	200	400	400
7145 Travel expenses	-	-	66	1,091	1,303	1,741
7220 Medical supplies	-	20	-	100	-	100
7225 Safety supplies	793	168	820	1,507	92	1,385
7299 Other materials & supplies	7,578	4,272	2,418	4,298	6,350	8,902
7315 Food, meals, ice, water	62	157	116	278	52	578
7325 Rental of equip/storage/land	2,150	2,100	2,100	2,100	2,100	2,100
7335 Wearing apparel & dry goods	1,801	2,228	2,439	1,710	3,737	2,163
7415 Fuels & lubricants	2,017	2,565	3,244	3,000	3,759	3,000
7820 Office furniture & equipment	264	-	441	-	444	-
7835 Tools, shop and garage equipment	26	343	-	-	-	-
7899 Other minor tools & equipment	340	60	-	400	2,512	400
<i>O&M NON-PERSONNEL TOTAL</i>	16,904	13,173	13,147	16,684	21,027	23,444
	202,753	204,700	205,913	212,271	220,608	219,931



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 125,489	\$ 125,724	\$ 133,646	\$ 136,677	\$ 136,677	\$ 136,677
6110 Clerical staff	60,719	58,591	59,276	58,614	59,225	58,614
6130 Overtime	2,171	184	441	500	397	792
6201 T.M.R.S.	25,642	31,894	34,542	34,899	36,747	34,899
6205 F.I.C.A.	11,269	10,700	11,065	12,108	11,598	12,108
6210 Medicare	2,811	2,760	2,782	2,832	2,939	2,832
6214 Dental Insurance	818	802	782	837	813	837
6215 Hospitalization insurance	19,732	21,584	20,783	21,004	20,398	21,004
6220 Life Insurance	250	248	252	202	215	221
6221 Long Term Disability Insurance	493	489	506	391	165	391
6225 Workers Compensation	4,939	4,852	4,879	4,882	5,137	4,882
6230 Vacation leave	2,690	1,287	(4,045)	2,363	2,573	2,493
6235 Sick leave	(88)	651	4,751	2,597	1,430	2,743
6242 Auto Benefits	7,500	7,485	7,500	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,677	1,680	1,680	1,680	1,680
6260 Vacancy Savings	-	-	-	(13,622)	-	(13,623)
O&M PERSONNEL TOTAL	266,117	268,929	278,839	273,463	287,493	274,050
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	31	-	-	400	-	400
7110 Dues & memberships	1,500	1,500	1,500	1,500	1,500	1,500
7120 Office supplies	3,667	1,894	2,454	1,500	1,111	1,500
7130 Postage/shipping charges	-	-	-	75	-	75
7140 Training expenses	1,095	725	1,645	1,950	1,980	2,450
7145 Travel expenses	4,255	4,274	4,447	4,820	7,299	6,820
7299 Other materials & supplies	1,712	-	7,432	-	-	-
7315 Food, meals, ice, water	378	225	290	300	352	400
7325 Rental of equip/storage/land	-	-	-	-	1,930	800
7348 Customer Assistance Program	-	12,739	19,085	50,000	20,695	50,000
7601 Legal Fees	22,463	16,857	40,235	16,000	11,071	16,000
7645 Maintenance services	854	1,120	1,090	500	-	500
7699 Other services	1,880	120	382	-	-	-
7820 Office furniture & equipment	10,415	-	-	-	-	-
O&M NON-PERSONNEL TOTAL	48,251	39,453	78,560	77,045	45,938	80,445
	314,368	308,382	357,399	350,508	333,431	354,495

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**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**

Department Responsibility: Susan Walker
Title: Customer Service Manager
Telephone Ext: 6129
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 Cityworks 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 personnel 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

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

OUTPUT MEASURES

Walk in & New Connections Customer Count
Online/Fax/Email Requests
Total for Department

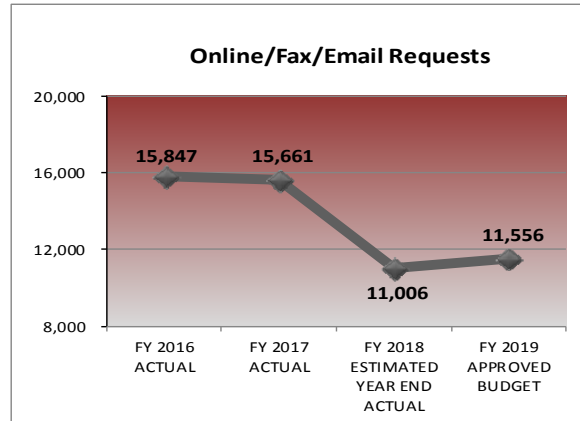
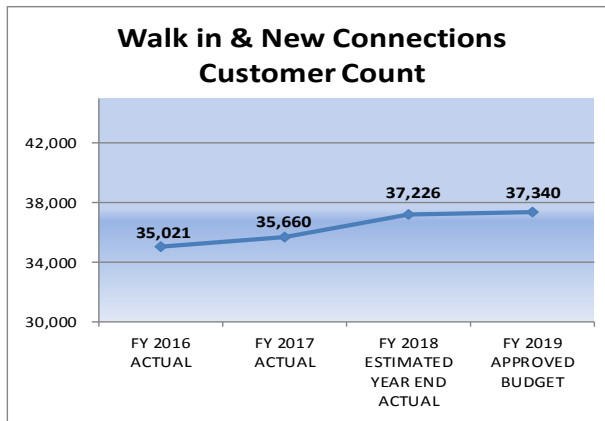
OUTCOME MEASURES

Number of Accounts
Percent Customer Base Interactions
Average Wait Time in Minutes

EFFICIENCY MEASURES

Cost Per Transaction
Transactions per FTE

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
FTEs	14	14	13	14
O&M Personnel Expenses	\$ 734,922	\$ 776,861	\$ 799,524	\$ 692,594
O&M Non-Personnel Expenses	\$ 70,483	\$ 31,605	\$ 89,487	\$ 77,820
Total O&M Expenses	\$ 805,405	\$ 808,466	\$ 889,011	\$ 770,414
Walk in & New Connections Customer Count	35,021	35,660	37,226	37,340
Online/Fax/Email Requests	15,847	15,661	11,006	11,556
Total for Department	50,868	51,321	48,232	48,896
Number of Accounts	63,595	64,750	65,300	66,350
Percent Customer Base Interactions	7%	7%	6%	6%
Average Wait Time in Minutes	14	13	13	10
Cost Per Transaction	\$ 15.83	\$ 15.75	\$ 18.43	\$ 15.76
Transactions per FTE	3,633	3,666	3,710	3,493



DEPARTMENT 6110 - CUSTOMER SERVICE

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 113,170	\$ 120,633	\$ 132,661	\$ 130,324	\$ 130,332	\$ 130,333
6110 Clerical staff	322,027	373,111	374,737	364,503	395,741	345,055
6130 Overtime	5,373	1,118	1,901	1,541	1,552	2,906
6201 T.M.R.S.	60,516	82,257	89,750	88,426	94,369	84,952
6205 F.I.C.A.	26,918	29,788	30,291	30,679	31,422	29,474
6210 Medicare	6,295	6,966	7,084	7,175	7,349	6,893
6214 Dental Insurance	3,460	3,705	3,617	3,683	3,753	3,404
6215 Hospitalization insurance	76,277	94,229	96,574	97,303	102,510	95,831
6220 Life Insurance	626	706	710	559	624	581
6221 Long Term Disability Insurance	1,053	1,198	1,234	916	393	877
6225 Workers Compensation	11,124	12,448	12,996	12,371	13,403	11,885
6230 Vacation leave	9,954	(1,710)	4,287	5,987	3,037	6,070
6235 Sick leave	32,057	8,554	8,389	6,581	6,545	6,677
6240 Educational assistance	-	1,919	12,631	5,460	8,494	3,120
6260 Vacancy Savings	-	-	-	(36,797)	-	(35,464)
<i>O&M PERSONNEL TOTAL</i>	<u>668,849</u>	<u>734,922</u>	<u>776,861</u>	<u>718,712</u>	<u>799,524</u>	<u>692,594</u>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	120
7120 Office supplies	4,824	3,324	5,073	6,200	3,543	7,250
7130 Postage/shipping charges	51	-	-	150	-	150
7140 Training expenses	475	650	425	900	3,020	3,100
7145 Travel expenses	879	1,709	885	2,000	3,993	6,000
7299 Other materials & supplies	312	641	693	500	1	-
7315 Food, meals, ice, water	1,059	759	1,025	1,500	860	1,500
7325 Rental of equip/storage/land	3,769	4,393	4,026	4,500	3,280	4,500
7645 Maintenance services	1,098	1,463	1,557	1,700	-	1,700
7699 Other services	28,513	39,959	15,490	56,000	71,429	50,000
7820 Office furniture & equipment	4,490	17,584	2,433	13,860	3,361	3,500
<i>O&M NON-PERSONNEL TOTAL</i>	<u>45,470</u>	<u>70,483</u>	<u>31,605</u>	<u>87,310</u>	<u>89,487</u>	<u>77,820</u>
	714,319	805,405	808,466	806,022	889,011	770,414



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Norma A. Gomez
Title: CIS Support Manager
Telephone Ext: 6133
Dept. No: 6115

**PERFORMANCE MEASURES
FOR THE
COLLECTIONS DEPARTMENT**

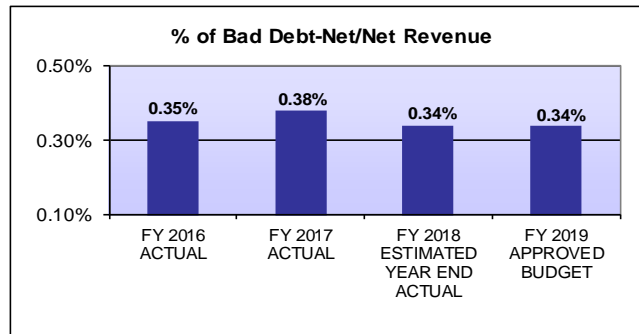
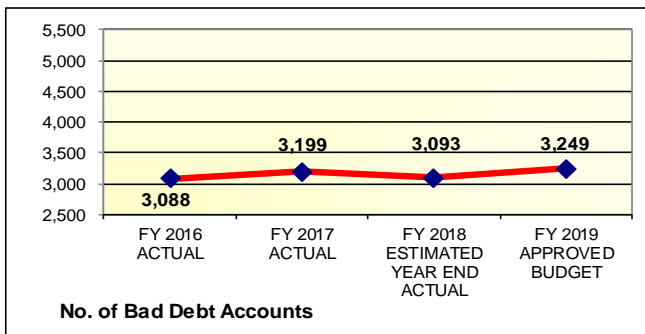
Department Function:

The Collections Department is responsible for providing reliable and accurate collection efforts including processing of returned checks, disconnects for non-payment, bad debt collections, and other collection efforts.

Department Goals/Objectives:

The department's goal is to improve the collection efforts and increase cash flow for Brownsville PUB. The department goal also includes providing support to the customer service mission of our organization.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
FTE	4	4	4	4
O&M Personnel Expenses	\$ 191,446	\$ 204,655	\$ 161,296	\$ 213,878
O&M Non-Personnel Expenses	\$ 14,716	\$ 997,853	\$ 285,356	\$ 820,100
Total O&M Expenses	\$ 206,162	\$ 1,202,508	\$ 446,652	\$ 1,033,978
OUTPUT MEASURES				
No. of Service Orders Reviewed	34,574	33,278	38,639	35,497
No. of Accounts Billed	759,713	766,353	798,102	806,083
No. of Returned Checks	2,001	2,350	2,333	2,228
No. of Bad Debt Accounts	3,088	3,199	3,093	3,249
OUTCOME MEASURES				
Value of Billed Accounts	\$ 208,179,839	\$ 208,080,577	\$ 214,322,994	\$ 220,752,684
Value of Returned Checks	\$ 763,847	\$ 1,021,857	\$ 829,977	\$ 856,134
Value of Returned Check Fees	\$ 44,900	\$ 52,200	\$ 54,050	\$ 50,383
Value of Bad Debt	\$ 1,020,780	\$ 1,115,333	\$ 1,055,463	\$ 1,082,060
Value of Bad Debt Collections	\$ 297,149	\$ 326,694	\$ 325,950	\$ 333,865
Value of Net Bad Debt	\$ 723,631	\$ 788,639	\$ 729,513	\$ 748,195
EFFICIENCY MEASURES				
% of Bad Debt-Net/Net Revenue	0.35%	0.38%	0.34%	0.34%



DEPARTMENT 6115 – COLLECTIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 38,148	\$ 38,792	\$ 41,895	\$ 42,016	\$ 42,016	\$ 84,032
6110 Clerical staff	85,859	86,023	85,418	94,944	61,844	61,589
6130 Overtime	522	258	310	300	469	1,155
6201 T.M.R.S.	16,950	20,777	23,836	24,475	18,658	25,955
6205 F.I.C.A.	7,448	7,408	7,956	8,492	6,030	9,028
6210 Medicare	1,742	1,733	1,861	1,986	1,410	2,111
6214 Dental Insurance	1,091	1,071	1,002	1,116	812	1,116
6215 Hospitalization insurance	26,204	29,709	29,159	31,866	24,937	31,866
6220 Life Insurance	184	184	182	456	127	180
6221 Long Term Disability Insurance	329	330	334	337	88	291
6225 Workers Compensation	3,113	3,130	3,368	3,424	2,608	3,641
6230 Vacation leave	1,965	843	1,564	1,657	799	1,859
6235 Sick leave	3,484	1,187	7,769	1,822	1,497	2,045
6260 Vacancy Savings	-	-	-	(10,456)	-	(10,991)
<i>O&M PERSONNEL TOTAL</i>	<u>187,039</u>	<u>191,446</u>	<u>204,655</u>	<u>202,434</u>	<u>161,296</u>	<u>213,878</u>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	15	-	115	200	105	200
7120 Office supplies	717	697	371	1,200	432	1,200
7130 Postage/shipping charges	-	-	-	100	-	100
7140 Training expenses	75	-	-	-	-	1,000
7145 Travel expenses	-	-	-	-	-	1,500
7299 Other materials & supplies	538	-	691	500	523	500
7301 Bad debt expense	510,974	18,004	995,132	800,000	284,182	800,000
7302 Bankruptcy expenses	-	(4,865)	1,225	-	-	-
7315 Food, meals, ice, water	48	161	272	600	114	600
7601 Legal Fees	-	-	-	12,000	-	12,000
7699 Other services	2	-	46	3,000	-	3,000
7820 Office furniture & equipment	-	720	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>512,369</u>	<u>14,716</u>	<u>997,853</u>	<u>817,600</u>	<u>285,356</u>	<u>820,100</u>
	699,408	206,162	1,202,508	1,020,034	446,652	1,033,978



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Norma A. Gomez

Title: CIS Support Manager

Telephone Ext: 6133

Dept. No: 6120

**PERFORMANCE MEASURES
FOR THE
BILLING DEPARTMENT**

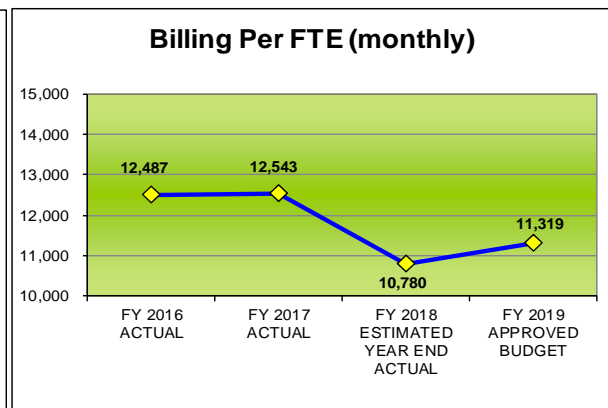
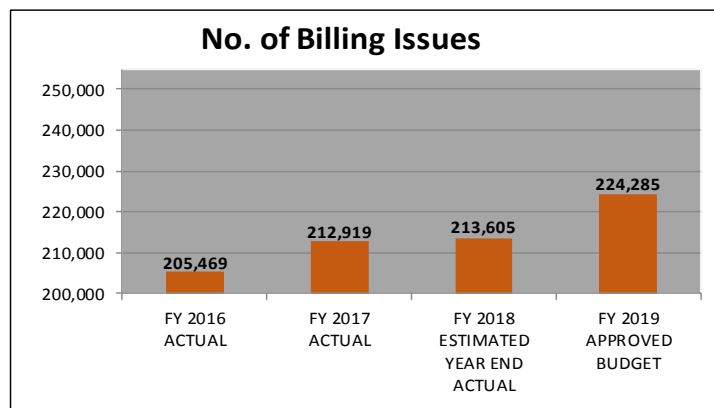
Department Function:

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
FTE	8	7	8	9
O&M Personnel Expenses	\$ 368,354	\$ 356,362	\$ 418,609	\$ 401,350
O&M Non-Personnel Expenses	\$ 468,555	\$ 468,869	\$ 475,555	\$ 512,340
Total O&M Expenses	\$ 836,909	\$ 825,231	\$ 894,164	\$ 913,690
OUTPUT MEASURES				
No. of Accounts Billed	749,242	752,571	\$ 776,149	\$ 814,956
No. of Billing Issues	205,469	212,919	\$ 213,605	\$ 224,285
No. of Bills/Reminders Folded (Electronic Bills not included)	730,000	744,000	753,000	\$ 790,650
OUTCOME MEASURES				
Value of Accounts Billed	\$ 199,688,531	\$ 193,388,682	\$ 192,341,700	\$ 201,958,785
Fiscal Year A/R Balance	\$ 15,998,546	\$ 16,115,723	\$ 16,921,509	\$ 17,767,585
EFFICIENCY MEASURES				
% A/R < 39 days	95.00%	95.00%	95.00%	95.00%
Average Days in Receivables	25.00	25.00	25.00	25.00
Billing Per FTE (monthly)	12,487	12,543	10,780	11,319
Hi Lo & Billing Issues Per FTE (monthly)	3,424	3,548.65	2,967	3,115
Bills/Reminders folded Per FTE (monthly)	7,604	8,857	7,844	7,321



DEPARTMENT 6120 – BILLING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 47,126	\$ 47,205	\$ 53,083	\$ 51,792	\$ 51,792	\$ 51,792
6110 Clerical staff	144,321	164,243	148,332	178,793	185,544	189,051
6115 Operational staff	25,652	25,560	26,258	26,156	26,306	26,166
6130 Overtime	1,574	1,304	1,010	1,400	1,822	3,880
6201 T.M.R.S.	31,648	39,648	40,167	45,880	47,478	47,715
6205 F.I.C.A.	13,455	13,722	13,016	15,918	15,409	16,555
6210 Medicare	3,147	3,209	3,044	3,723	3,604	3,872
6214 Dental Insurance	1,738	2,130	1,900	2,232	2,169	2,232
6215 Hospitalization insurance	49,068	63,188	58,617	65,925	64,061	65,925
6220 Life Insurance	294	357	326	300	324	336
6221 Long Term Disability Insurance	531	634	596	513	219	534
6225 Workers Compensation	5,386	5,977	5,684	6,419	6,637	6,675
6230 Vacation leave	6,222	(973)	(289)	3,107	5,091	3,409
6235 Sick leave	19,932	2,150	4,616	3,415	8,155	3,750
6260 Vacancy Savings	-	-	-	(19,883)	-	(20,543)
<i>O&M PERSONNEL TOTAL</i>	350,094	368,354	356,362	385,689	418,609	401,350
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	180	380	425	540	710	540
7120 Office supplies	1,030	1,012	1,029	1,200	589	1,000
7130 Postage/shipping charges	315,269	317,064	303,363	345,000	318,741	345,000
7140 Training expenses	75	-	100	-	198	-
7299 Other materials & supplies	57,176	42,793	70,760	54,000	66,389	68,000
7315 Food, meals, ice, water	74	110	268	300	341	300
7325 Rental of equip/storage/land	49,664	98,295	84,132	86,500	80,648	86,500
7335 Wearing apparel & dry goods	129	587	296	500	169	500
7415 Fuels & lubricants	2,300	2,084	1,841	4,000	1,974	4,000
7635 Software maintenance service fees	5,490	5,545	5,545	6,000	5,795	6,000
7645 Maintenance services	6,122	276	-	-	-	-
7801 Communication equipment	-	-	-	500	-	500
7820 Office furniture & equipment	4,942	411	1,110	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	442,449	468,555	468,869	498,540	475,555	512,340
	792,543	836,909	825,231	884,229	894,164	913,690



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Susan Walker

Title: Customer Service Manager

Telephone Ext: 6129

Dept. No: 6125

**PERFORMANCE MEASURES
FOR THE
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 Cityworks 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.

INPUT MEASURES

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

OUTPUT MEASURES

Handled Calls
IVR Automated Only
Total Calls

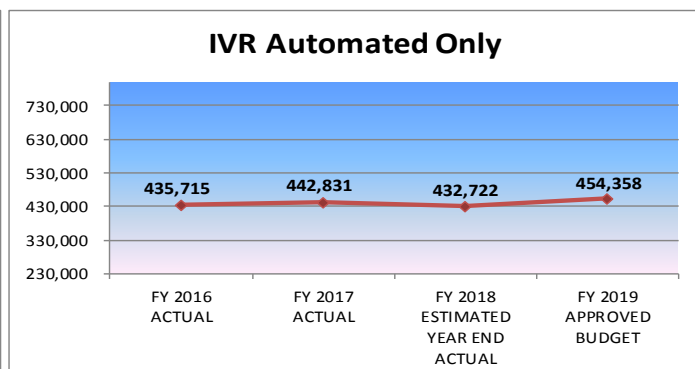
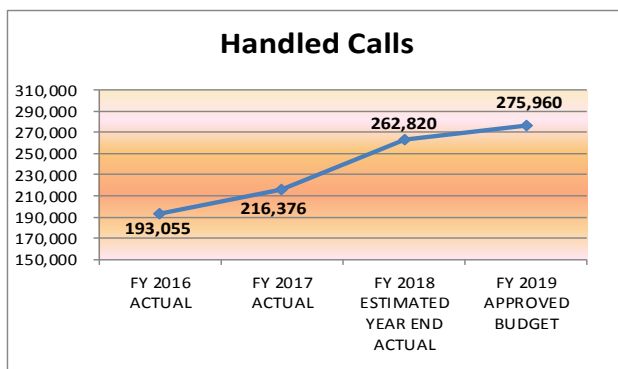
OUTCOME MEASURES

Number of Accounts
Percent Customer Base Interactions
Average Wait Time in Minutes

EFFICIENCY MEASURES

Average Cost Per Call
Transactions Handled per Agent

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
FTEs	11	11	12	12
O&M Personnel Expenses	\$ 524,988	\$ 562,826	\$ 597,861	\$ 593,659
O&M Non-Personnel Expenses	\$ 6,503	\$ 7,531	\$ 5,955	\$ 40,880
Total O&M Expenses	\$ 531,491	\$ 570,357	\$ 603,816	\$ 634,539
Handled Calls	193,055	216,376	262,820	275,960
IVR Automated Only	435,715	442,831	432,722	454,358
Total Calls	628,770	659,207	695,542	730,318
Number of Accounts	63,750	64,750	65,300	66,350
Percent Customer Base Interactions	25%	28%	34%	35%
Average Wait Time in Minutes	3	3	3	2
Average Cost Per Call	\$ 0.85	\$ 0.87	\$ 0.87	\$ 0.87
Transactions Handled per Agent	17,550	19,671	21,902	22,997



DEPARTMENT 6125 - CALL CENTER

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 41,864	\$ 42,246	\$ 51,467	\$ 50,956	\$ 50,960	\$ 50,960
6110 Clerical staff	253,656	295,062	305,723	293,191	328,586	337,813
6130 Overtime	4,654	1,317	1,869	1,400	2,011	3,167
6201 T.M.R.S.	40,959	56,576	62,995	61,499	68,283	69,474
6205 F.I.C.A.	17,719	19,796	20,621	21,337	21,902	24,104
6210 Medicare	4,144	4,630	4,823	4,990	5,122	5,637
6214 Dental Insurance	2,725	3,105	3,150	3,069	3,234	3,348
6215 Hospitalization insurance	65,302	88,274	93,543	91,624	99,663	104,989
6220 Life Insurance	440	509	520	405	464	492
6221 Long Term Disability Insurance	779	900	941	688	324	778
6225 Workers Compensation	7,529	8,569	8,946	8,604	9,550	9,719
6230 Vacation leave	3,690	(527)	2,444	4,164	2,745	4,964
6235 Sick leave	2,242	4,531	5,785	4,577	5,017	5,460
6240 Educational assistance	-	-	-	2,340	-	3,120
6260 Vacancy Savings	-	-	-	(26,818)	-	(30,366)
<i>O&M PERSONNEL TOTAL</i>	<u>445,705</u>	<u>524,988</u>	<u>562,826</u>	<u>522,027</u>	<u>597,861</u>	<u>593,659</u>
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	3,703	2,166	2,851	4,500	2,143	5,000
7130 Postage/shipping charges	-	-	-	100	-	100
7140 Training expenses	400	-	-	450	-	-
7145 Travel expenses	881	-	-	-	-	-
7299 Other materials & supplies	183	146	273	1,100	1	-
7315 Food, meals, ice, water	804	752	976	1,200	869	1,200
7645 Maintenance services	1,074	1,272	1,304	1,700	-	1,700
7699 Other services	-	415	-	45,850	-	30,000
7820 Office furniture & equipment	1,014	1,752	2,127	3,780	2,942	2,880
<i>O&M NON-PERSONNEL TOTAL</i>	<u>8,058</u>	<u>6,503</u>	<u>7,531</u>	<u>58,680</u>	<u>5,955</u>	<u>40,880</u>
	453,763	531,491	570,357	580,707	603,816	634,539



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Norma A. Gomez
Title: CIS Support Manager
Telephone Ext: 6133
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
O&M Personnel Expenses
O&M Non-Personnel Expenses
Total O&M Expenses

OUTPUT MEASURES

No. of Service Orders Completed
No. of Cutoffs
No. of New Connects & Transfers
No. of Cutoffs @ Pole

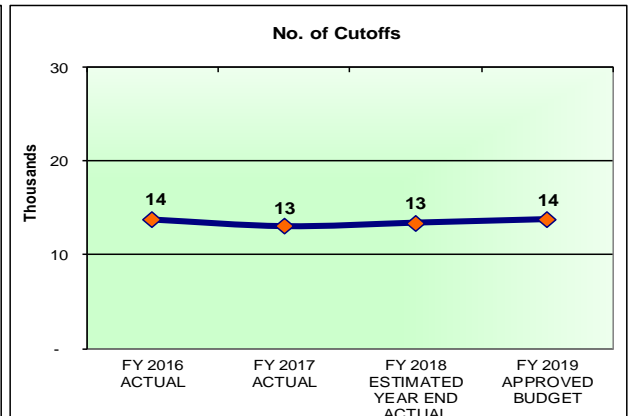
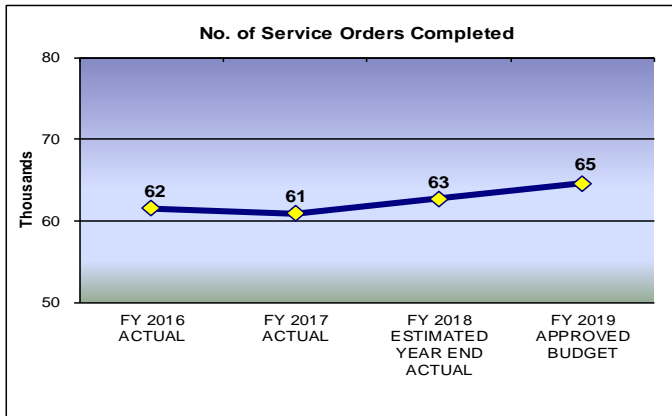
OUTCOME MEASURES

Value of Reconnect Fees
Value of Cutoff @ Pole

EFFICIENCY MEASURES

Cost Per Service Order

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
FTE	9	10	10	9
O&M Personnel Expenses	\$ 450,573	\$ 495,288	\$ 482,196	\$ 568,149
O&M Non-Personnel Expenses	\$ 58,633	\$ 60,785	\$ 74,769	\$ 76,305
Total O&M Expenses	\$ 509,206	\$ 556,073	\$ 556,965	\$ 644,454
No. of Service Orders Completed	61,506	60,865	62,690	64,571
No. of Cutoffs	13,750	13,024	13,414	13,816
No. of New Connects & Transfers	16,299	16,828	17,332	17,852
No. of Cutoffs @ Pole	-	1	8	16
Value of Reconnect Fees	\$ 876,975	\$ 920,824	\$ 966,865	\$ 1,015,208
Value of Cutoff @ Pole	\$ -	\$ 150	\$ 1,200	\$ 2,400
Cost Per Service Order	\$ 8.28	\$ 9.14	\$ 8.88	\$ 9.98



DEPARTMENT 6130 – METER SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 35,496	\$ 11,152	\$ -	\$ 42,016	\$ 28,877	\$ 62,067
6115 Operational staff	269,034	276,566	313,570	312,963	267,902	321,651
6130 Overtime	16,424	16,573	12,248	15,000	10,965	15,540
6201 T.M.R.S.	44,376	50,433	57,162	63,435	60,860	68,413
6205 F.I.C.A.	19,344	18,109	19,299	22,009	20,328	23,791
6210 Medicare	4,524	4,235	4,513	5,147	4,754	5,564
6214 Dental Insurance	2,404	2,223	2,355	2,790	2,221	2,790
6215 Hospitalization insurance	61,530	62,104	63,310	73,564	61,204	75,757
6220 Life Insurance	440	412	436	704	347	470
6221 Long Term Disability Insurance	800	749	807	773	241	767
6225 Workers Compensation	8,166	7,643	8,076	8,874	8,514	9,593
6230 Vacation leave	4,875	(2,862)	1,561	4,295	5,694	4,899
6235 Sick leave	12,012	3,234	11,950	4,721	10,289	5,389
6260 Vacancy Savings	-	-	-	(26,614)	-	(28,543)
<i>O&M PERSONNEL TOTAL</i>	479,425	450,573	495,288	529,678	482,196	568,149
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	45	-	60	180	-	180
7120 Office supplies	792	1,043	978	2,000	713	2,000
7140 Training expenses	2,502	-	-	1,100	9,500	1,775
7145 Travel expenses	1,780	-	-	-	-	-
7180 Utilities - departmental	-	-	-	6,000	-	6,000
7225 Safety supplies	496	572	374	1,092	611	1,200
7299 Other materials & supplies	16,845	12,048	11,256	10,000	10,761	15,000
7315 Food, meals, ice, water	279	110	215	600	606	700
7325 Rental of equip/storage/land	7,631	7,243	7,753	7,950	7,786	7,950
7335 Wearing apparel & dry goods	8,395	12,965	13,066	9,000	19,853	9,000
7415 Fuels & lubricants	24,618	21,722	23,405	25,000	23,114	25,000
7505 Maint. of communication equipment	-	-	326	1,000	-	1,000
7635 Software maintenance service fees	2,930	2,930	2,930	4,000	1,824	4,000
7820 Office furniture & equipment	7,088	-	-	-	-	-
7835 Tools, shop and garage equipment	-	-	422	500	-	500
7899 Other minor tools & equipment	-	-	-	-	-	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	73,401	58,633	60,785	68,422	74,769	76,305
	552,826	509,206	556,073	598,100	556,965	644,454



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



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

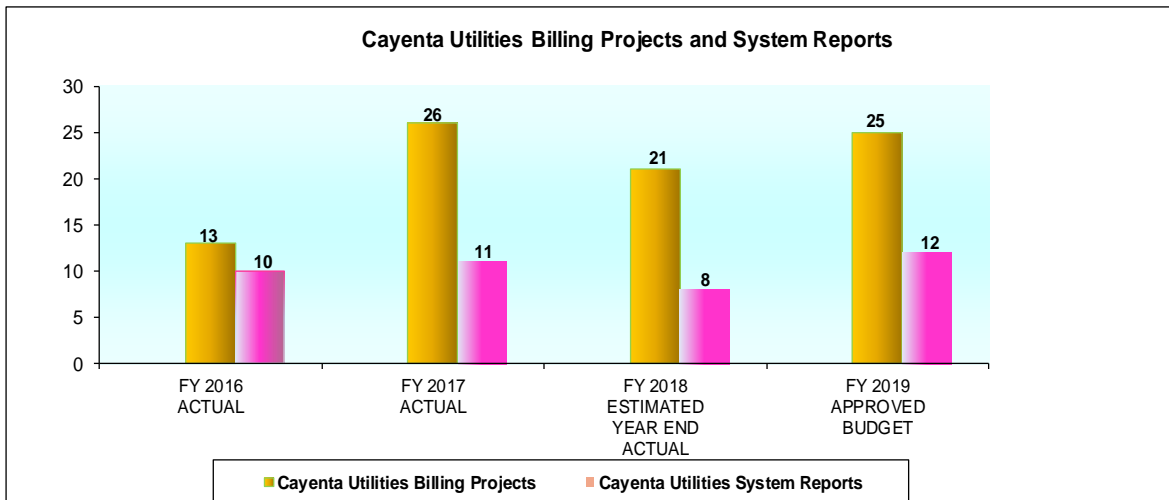
OUTPUT MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTE's)	3	3	3	3
Total O&M Expenses	\$ 379,807	\$ 425,761	\$ 400,334	\$ 509,304
Cayenta Utilities Billing Projects	13	26	21	25
Cayenta Utilities System Reports	10	11	8	12
Training on Major Projects	100%	100%	100%	100%
Cayenta Utilities System Downtime (goal <3% daily)	Yes	Yes	Yes	Yes
Development Training Employee Success Rate (goal 100%)	Yes	Yes	Yes	Yes



DEPARTMENT 6135 – CIS SUPPORT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 80,973	\$ 80,928	\$ 83,579	\$ 85,099	\$ 85,323	\$ 85,114
6110 Clerical staff	76,077	75,783	83,010	85,677	86,102	85,696
6130 Overtime	1,912	363	659	500	644	3,708
6201 T.M.R.S.	21,635	26,144	28,797	30,518	30,772	30,524
6205 F.I.C.A.	9,374	9,502	9,886	10,588	10,380	10,590
6210 Medicare	2,192	2,222	2,312	2,476	2,428	2,477
6214 Dental Insurance	816	804	792	837	814	837
6215 Hospitalization insurance	21,387	20,443	19,823	21,004	20,432	21,004
6220 Life Insurance	213	214	222	180	191	197
6221 Long Term Disability Insurance	411	414	438	342	144	342
6225 Workers Compensation	3,974	3,940	4,068	4,269	4,302	4,270
6230 Vacation leave	1,248	(69)	278	2,066	(317)	2,181
6235 Sick leave	-	-	5,216	2,271	(5,799)	2,399
6260 Vacancy Savings	-	-	-	(12,049)	-	(12,052)
<i>O&M PERSONNEL TOTAL</i>	<u>220,210</u>	<u>220,688</u>	<u>239,078</u>	<u>233,778</u>	<u>235,414</u>	<u>237,286</u>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	45	-	135	200	165	200
7120 Office supplies	240	915	179	1,800	729	1,800
7130 Postage/shipping charges	-	-	-	100	-	100
7140 Training expenses	3,700	1,625	3,150	3,100	4,026	3,100
7145 Travel expenses	4,281	4,784	2,413	3,847	4,794	3,655
7299 Other materials & supplies	116	175	197	300	402	500
7315 Food, meals, ice, water	387	135	629	600	38	600
7415 Fuels & lubricants	-	19	-	-	-	-
7635 Software maintenance service fees	183,392	129,658	136,227	190,162	140,730	202,062
7699 Other services	740	19,356	42,480	45,000	12,668	60,000
7820 Office furniture & equipment	1,858	2,453	1,274	1,600	1,368	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>194,759</u>	<u>159,119</u>	<u>186,683</u>	<u>246,710</u>	<u>164,920</u>	<u>272,018</u>
	414,969	379,807	425,761	480,488	400,334	509,304



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: **Eddy Hernandez**

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

Telephone Ext: **6130**

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
Compact Fluorescent Light (CFL, starting 2018 will be 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

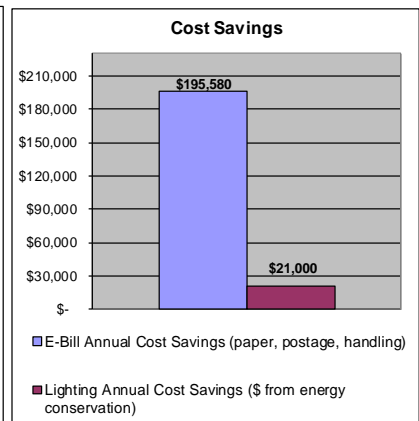
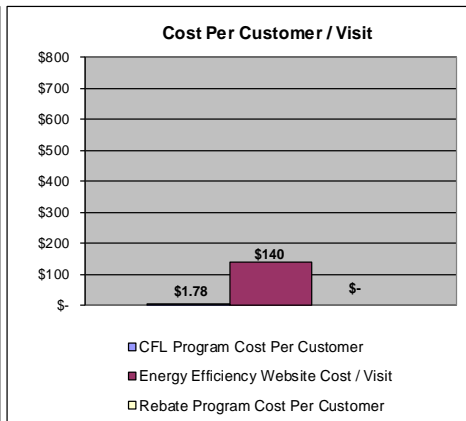
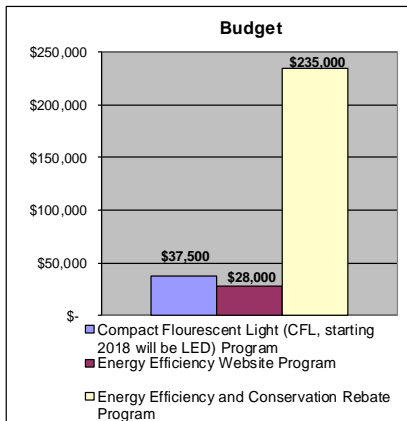
OUTCOME MEASURES

E-Bill Environmental Impact (sheets, envelopes saved)

EFFICIENCY MEASURES

CFL Program Cost Per Customer
Energy Efficiency Website Cost / Visit
Rebate Program Cost Per Customer
E-Bill Annual Cost Savings (paper, postage, handling)
Lighting Annual Cost Savings (\$ from energy conservation)

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees	1	1	1	1
Compact Fluorescent Light (CFL, starting 2018 will be LED) Program	\$ 35,000	\$ 37,500	\$ 37,500	\$ 37,500
Energy Efficiency Website Program	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000
Energy Efficiency and Conservation Rebate Program	\$ 400,000	\$ 410,000	\$ 230,000	\$ 235,000
Commercial & Industrial Rebate Program	N/A	\$ 250,000	\$ 300,000	\$ 235,000
Combined programs	N/A	\$ 410,000	\$ 530,000	\$ 470,000
New Homes Program	\$ 50,000	\$ 35,000	\$ -	\$ -
Number of Website Visits	179	350	168	200
Number of CFLs Provided to Community	8,000	9,000	9,000	9,000
Number of Rebates	779	800	800	850
Number of ENERGY STAR Homes	100	70	-	-
E-Bill Environmental Impact (sheets, envelopes saved)	148,308	152,000	153,720	154,000
CFL Program Cost Per Customer	\$ 1.97	\$ 2.50	\$ 1.78	\$ 1.78
Energy Efficiency Website Cost / Visit	\$ 156	\$ 80	\$ 167	\$ 140
Rebate Program Cost Per Customer	\$ 514	\$ 525	\$ 662	\$ -
E-Bill Annual Cost Savings (paper, postage, handling)	\$ 188,351	\$ 193,040	\$ 195,224	\$ 195,580
Lighting Annual Cost Savings (\$ from energy conservation)	\$ 21,000	\$ 21,000	\$ 21,000	\$ 21,000



DEPARTMENT 6145 – ENERGY EFFICIENCY & CONSERVATION

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6105 Administrative Staff	\$ 29,850	\$ 17,799	\$ 46,785	\$ 48,632	\$ 48,650	\$ 48,651
6201 T.M.R.S.	4,093	3,145	7,993	8,691	8,701	8,694
6205 F.I.C.A.	1,855	1,058	2,640	3,015	2,817	3,016
6210 Medicare	434	248	617	705	659	705
6214 Dental Insurance	178	115	261	279	272	279
6215 Hospitalization insurance	3,427	3,569	8,100	8,669	8,438	8,669
6220 Life Insurance	43	24	64	52	56	57
6221 Long Term Disability Insurance	83	46	123	97	41	97
6225 Workers Compensation	746	447	1,129	1,216	1,216	1,216
6230 Vacation leave	(3,109)	1,241	(469)	588	141	621
6235 Sick leave	(11,794)	5,736	1,980	647	1,289	683
6260 Vacancy Savings	-	-	-	(3,568)	-	(3,569)
<i>O&M PERSONNEL TOTAL</i>	<u>25,807</u>	<u>33,428</u>	<u>69,221</u>	<u>69,024</u>	<u>72,279</u>	<u>69,122</u>
<i>O&M NON-PERSONNEL</i>						
7102 Sponsorships	-	-	-	2,500	-	-
7105 Books & periodicals	-	-	-	200	-	200
7110 Dues & memberships	-	-	-	100	-	100
7120 Office supplies	51	355	322	400	149	400
7130 Postage/shipping charges	-	62	1,076	1,500	-	1,500
7140 Training expenses	325	1,595	-	1,800	-	2,400
7145 Travel expenses	927	544	1,190	2,208	-	2,300
7299 Other materials & supplies	54	25	-	400	-	400
7315 Food, meals, ice, water	12	-	12	100	13	100
7340 Promo Exp-Energy Efficiency & Consv	25,513	27,141	26,011	37,500	23,859	38,000
7345 Rebate Exp-Energy Efficiency & Cnsrv	187,728	297,430	244,929	160,000	258,935	235,000
7346 Water Efficiency Program	-	-	10,831	10,000	5,986	10,000
7347 Commercial & Industrial Rebate Prog	-	143,818	193,851	250,000	151,386	235,000
7415 Fuels & lubricants	-	-	-	-	48	-
7635 Software maintenance service fees	39,125	28,035	27,250	28,000	27,250	28,000
7699 Other services	-	-	-	10,000	-	35,000
7805 Computer equipment	-	300	-	250	-	250
7820 Office furniture & equipment	-	442	101	500	-	500
<i>O&M NON-PERSONNEL TOTAL</i>	<u>253,735</u>	<u>499,747</u>	<u>505,573</u>	<u>505,458</u>	<u>467,625</u>	<u>589,150</u>
	279,542	533,175	574,794	574,482	539,904	658,272



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Norma A. Gomez

Title: CIS Support Manager

Telephone Ext: 6133

Dept. No: 6150

**PERFORMANCE MEASURES
FOR THE
METER READING DEPARTMENT**

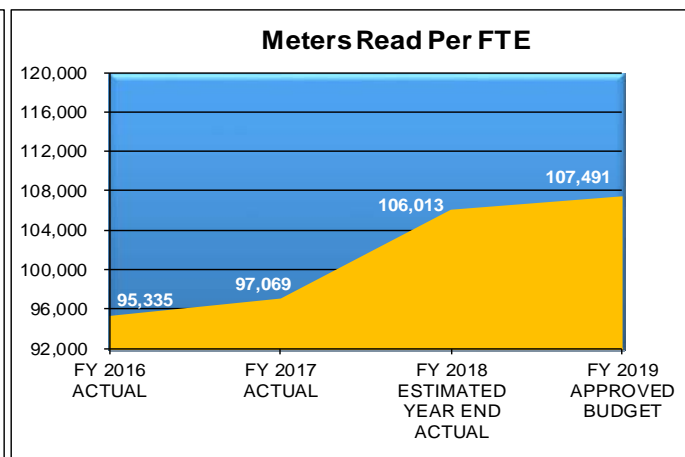
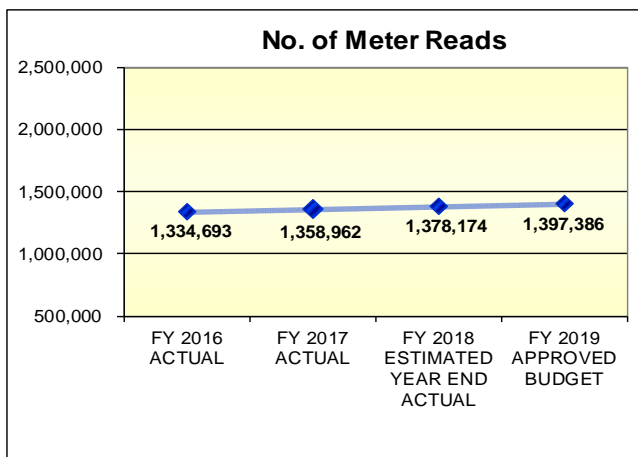
Department Function:

The Meter Reading Department is responsible for providing reliable and timely reads on electric and water meters to the Brownsville PUB's customers in a safe and efficient manner.

Department Goals/Objectives:

The departmental goals include scheduling and performing daily meter reads which will generate timely and accurate billings.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
FTE	15	15	14	14
O&M Personnel Expenses	\$ 536,150	\$ 548,564	\$ 576,872	\$ 581,658
O&M Non-Personnel Expenses	\$ 73,932	\$ 102,391	\$ 91,153	\$ 88,540
Total O&M Expenses	\$ 610,082	\$ 650,955	\$ 668,025	\$ 670,198
OUTPUT MEASURES				
No. of Meter Reads	1,334,693	1,358,962	1,378,174	1,397,386
No. of Meters Estimated	13,765	10,314	8,925	9,014
OUTCOME MEASURES				
% of Estimated Readings	1.03%	0.76%	0.65%	0.65%
% of Radio Frequency Meters Installed	8%	8%	8%	8%
EFFICIENCY MEASURES				
Cost Per Meter Read -BPUB	\$ 0.46	\$ 0.48	\$ 0.48	\$ 0.48
Best Performer Full AMR (cost per read)	\$ 0.30	\$ 0.30	\$ 0.30	\$ 0.30
Best Performer Minimal AMR (cost per read)	\$ 0.42	\$ 0.42	\$ 0.42	\$ 0.42
Meters Read Per FTE (annual)	95,335	97,069	106,013	107,491
Meters Read Per FTE (daily)	383	404	442	448



DEPARTMENT 6150 – METER READING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 35,496	\$ 22,353	\$ 45,450	\$ 45,552	\$ 45,552	\$ 45,552
6115 Operational staff	340,598	309,528	287,545	322,650	307,451	327,184
6130 Overtime	11,552	7,959	6,107	8,000	12,689	17,760
6201 T.M.R.S.	52,971	56,894	61,016	65,798	65,780	66,608
6205 F.I.C.A.	23,157	20,506	20,530	22,829	21,893	23,110
6206 Suta	1,354	4,526	7,444	-	(1,231)	-
6210 Medicare	5,416	4,796	4,801	5,339	5,120	5,405
6214 Dental Insurance	3,967	3,501	3,435	3,906	3,621	3,906
6215 Hospitalization insurance	93,814	88,019	90,794	102,928	94,617	100,735
6220 Life Insurance	582	518	506	452	457	494
6221 Long Term Disability Insurance	1,006	891	892	736	309	745
6225 Workers Compensation	9,734	8,678	8,796	9,205	9,267	9,318
6230 Vacation leave	3,843	1,821	7,697	4,455	5,567	4,759
6235 Sick leave	(2,641)	6,159	3,550	4,897	5,780	5,235
6260 Vacancy Savings	-	-	-	(28,970)	-	(29,153)
<i>O&M PERSONNEL TOTAL</i>	<u>580,850</u>	<u>536,150</u>	<u>548,564</u>	<u>567,777</u>	<u>576,872</u>	<u>581,658</u>
<i>O&M NON-PERSONNEL</i>						
7110 Dues & memberships	45	139	406	800	341	800
7120 Office supplies	472	1,245	810	2,000	1,429	2,000
7130 Postage/shipping charges	318	97	1,236	3,000	1,180	3,000
7140 Training expenses	214	-	-	-	-	-
7180 Utilities - departmental	571	3,325	3,374	3,300	3,521	3,300
7190 Utilities - CP&L & Mvec	477	500	97	240	90	240
7225 Safety supplies	1,292	1,409	1,505	3,000	2,590	3,000
7299 Other materials & supplies	10,665	2,639	11,873	10,000	9,050	15,000
7310 Federal, state, & local fees	100	-	125	100	-	100
7315 Food, meals, ice, water	618	410	558	1,000	899	1,200
7325 Rental of equip/storage/land	5,517	7,243	7,753	7,800	7,786	7,800
7335 Wearing apparel & dry goods	20,103	21,434	20,218	18,000	30,307	18,000
7415 Fuels & lubricants	18,793	16,950	18,096	18,000	21,924	18,000
7505 Maint. of communication equipment	1,040	2,085	1,274	1,500	-	1,500
7645 Maintenance services	2,782	15,654	10,810	11,000	11,242	13,100
7699 Other services	3,920	-	-	-	-	-
7801 Communication equipment	69,516	-	-	-	-	-
7820 Office furniture & equipment	178	-	-	-	-	-
7899 Other minor tools & equipment	215	802	24,257	1,000	794	1,500
7190 Utilities - CP&L & Mvec	-	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>136,835</u>	<u>73,932</u>	<u>102,391</u>	<u>80,740</u>	<u>91,153</u>	<u>88,540</u>
	717,685	610,082	650,955	648,517	668,025	670,198



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Susan Walker
Title: Customer Service Manager
Telephone Ext: 6129
Dept. No: 6160

**PERFORMANCE MEASURES
FOR THE
CASHIERS DEPARTMENT**

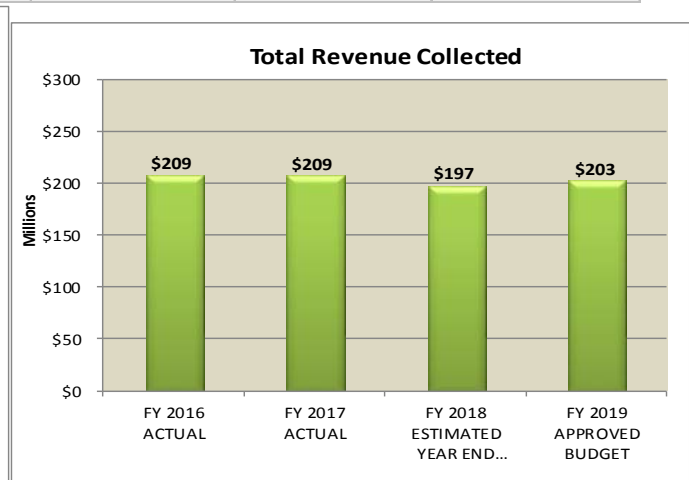
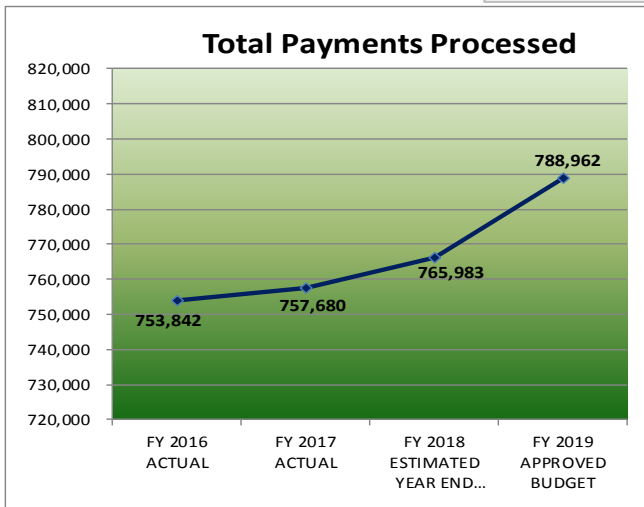
Department Function:

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
FTE's	9	9	9	8
O&M Personnel Expenses	\$ 371,969	\$ 378,729	\$ 415,264	\$ 452,130
O&M Non-Personnel Expenses	\$ 510,771	\$ 546,709	\$ 513,224	\$ 571,140
Total O&M Expenses	\$ 882,740	\$ 925,438	\$ 928,488	\$ 1,023,270
OUTPUT MEASURES				
Cashier Handled Payments	249,157	227,778	232,046	239,007
Automated Payments	504,685	529,902	533,937	549,955
Total Payments Processed	753,842	757,680	765,983	788,962
OUTCOME MEASURES				
Number of Accounts	63,750	64,750	65,300	66,350
Total Revenue Collected	\$ 209,264,067	\$ 208,771,574	\$ 197,345,147	\$ 203,265,501
EFFICIENCY MEASURES				
Transactions Per FTE	94,230	94,710	95,748	98,620
Cost Per Payment	\$ 1.17	\$ 1.22	\$ 1.21	\$ 1.30



DEPARTMENT 6160 - CASHIERS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 39,213	\$ 39,780	\$ 49,861	\$ 47,133	\$ 47,133	\$ 47,133
6110 Clerical staff	201,587	193,089	188,047	230,378	205,895	246,584
6130 Overtime	7,904	5,378	4,259	5,000	8,206	6,333
6201 T.M.R.S.	35,774	40,372	44,258	49,591	46,731	52,487
6205 F.I.C.A.	15,621	14,363	14,819	17,206	15,030	18,210
6210 Medicare	3,653	3,359	3,466	4,024	3,515	4,259
6214 Dental Insurance	2,158	2,129	1,950	2,511	2,054	2,511
6215 Hospitalization insurance	53,761	59,457	55,311	69,900	66,626	81,483
6220 Life Insurance	355	350	342	507	306	371
6221 Long Term Disability Insurance	631	619	624	594	196	587
6225 Workers Compensation	6,574	6,164	6,270	6,938	6,531	7,343
6230 Vacation leave	4,432	1,374	3,089	3,358	3,687	3,750
6235 Sick leave	4,162	5,538	6,434	3,691	9,354	4,125
6260 Vacancy Savings	-	-	-	(21,439)	-	(23,048)
<i>O&M PERSONNEL TOTAL</i>	<u>375,827</u>	<u>371,969</u>	<u>378,729</u>	<u>419,391</u>	<u>415,264</u>	<u>452,130</u>
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	7,197	7,644	7,087	10,000	5,039	10,000
7130 Postage/shipping charges	-	-	-	700	-	500
7140 Training expenses	-	-	325	325	1,345	1,500
7145 Travel expenses	-	-	905	905	2,057	2,000
7299 Other materials & supplies	286	259	-	4,500	1,169	4,500
7315 Food, meals, ice, water	671	709	668	1,000	358	500
7635 Software maintenance service fees	3,245	3,245	3,342	4,300	3,342	4,300
7645 Maintenance services	5,037	5,037	5,037	15,800	5,560	3,000
7650 Security services	3,763	3,345	2,664	3,004	2,502	3,484
7699 Other services	424,121	482,546	519,539	400,000	489,015	525,000
7820 Office furniture & equipment	2,494	7,987	7,142	11,000	2,838	16,356
<i>O&M NON-PERSONNEL TOTAL</i>	<u>446,815</u>	<u>510,771</u>	<u>546,709</u>	<u>451,534</u>	<u>513,224</u>	<u>571,140</u>
	822,642	882,740	925,438	870,925	928,488	1,023,270



Department Responsibility: Jovan Coblentz
 Title: Risk Manager
 Telephone Ext: 6291
 Dept. No: 7120

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

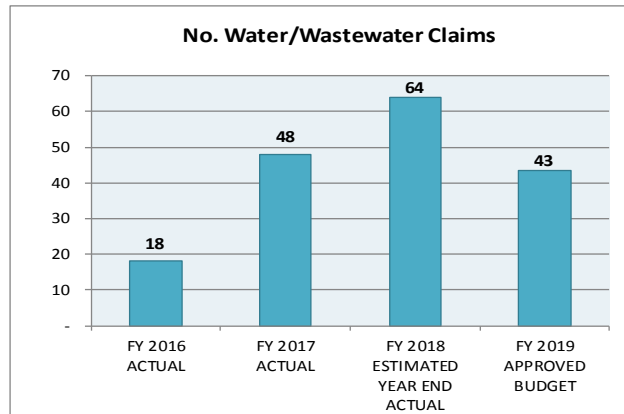
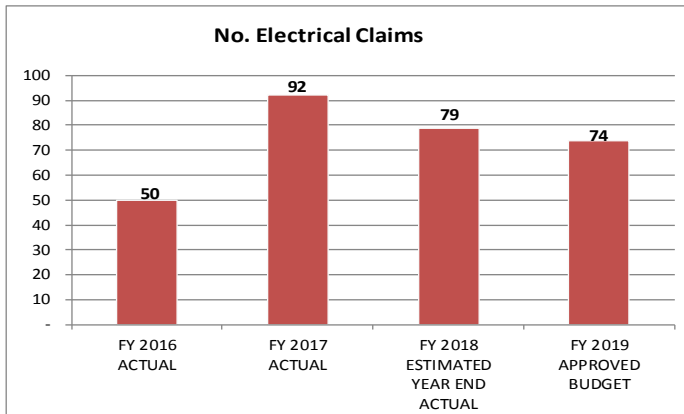
Department Function:

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Employees	2	2	2	2
Total O&M Expenses	\$ 1,956,645	\$ 2,004,262	1,976,555	2,613,608
OUTPUT MEASURES				
Operational Reports (monthly)	12	12	12	12
No. of Claims Filed with Insurance	108	117	110	112
No. of Paid Claims Filed with Insurance	6	28	11	15
No. of Denied Claims Filed with Insurance	67	63	84	71
Number of Claims in Litigation	4	5	5	5
No. Electrical Claims	50	92	79	74
No. Electrical Claims Subrogated	7	41	36	28
No. Electrical Claims Subrogated and paid	-	11	-	4
No. Electrical Claims unable to Subrogate	36	32	41	36
No. Water/Wastewater Claims	18	48	64	43
No. Water/Wastewater Claims Subrogated	4	12	27	14
No. Water/Wastewater Claims Subrogated and Paid	-	4	-	1
No. Water/Wastewater Claims Unable to Subrogate	11	25	37	24
OUTCOME MEASURES				
Maintain Claims Logs	Y	Y	Y	Y
Track Timeliness of Claim Processing	Y	Y	Y	Y
EFFICIENCY MEASURES				
Avg No. of Claims Filed with Insurance Per Month	8	9	9	9
Avg Cost of Claim (\$)	\$ 1,250.00	\$ 2,095.00	\$ 1,126.12	\$ 1,490.37
Avg No. of Subrogated Claims Per Month	3	2	2	2
Avg Electric Claim Subrogated Amount (\$)	\$ 1,900.00	\$ 2,093.00	\$ 4,494.89	\$ 2,829.30
Avg Water/Wastewater Claim Subrogated Amount (\$)	\$ 1,100.00	\$ 860.00	\$ 1,900.08	\$ 1,286.69
Avg Cost of Claims in Litigation (\$)	\$ 123,200.00	\$ 114,584.19	\$ 129,655.00	\$ 129,655.00



DEPARTMENT 7120 – RISK / INSURANCE MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 4,339	\$ 63,092	\$ 64,398	\$ 64,542	\$ 64,542	\$ 64,542
6105 Administrative Staff	95,741	-	-	-	42,420	44,117
6110 Clerical staff	-	-	31,078	36,130	-	-
6130 Overtime	-	-	252	300	-	-
6201 T.M.R.S.	13,630	10,576	17,384	17,990	19,300	19,417
6205 F.I.C.A.	5,972	3,810	5,944	6,242	6,215	6,737
6210 Medicare	1,397	891	1,390	1,460	1,453	1,576
6214 Dental Insurance	514	268	512	558	532	558
6215 Hospitalization insurance	13,904	8,081	13,744	14,837	20,647	21,725
6220 Life Insurance	138	84	133	108	118	126
6221 Long Term Disability Insurance	268	166	259	201	82	217
6225 Workers Compensation	2,532	1,597	2,477	2,517	2,698	2,716
6230 Vacation leave	(2,197)	723	(262)	1,218	4,182	1,387
6235 Sick leave	2,014	-	2,107	1,339	2,185	1,526
6260 Vacancy Savings	-	-	-	(7,229)	-	(8,087)
<i>O&M PERSONNEL TOTAL</i>	<u>138,251</u>	<u>89,288</u>	<u>139,418</u>	<u>140,212</u>	<u>164,375</u>	<u>156,558</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	364	-	-	-	-	-
7110 Dues & memberships	-	343	355	300	-	1,300
7120 Office supplies	77	100	28	200	192	200
7130 Postage/shipping charges	168	175	147	300	554	300
7135 Telephone expenses	-	-	-	1,000	-	1,000
7140 Training expenses	1,465	-	400	-	200	-
7145 Travel expenses	1,314	556	1,212	1,000	1,921	-
7199 Miscellaneous office expenses	-	-	110	-	-	-
7225 Safety supplies	135	17	128	150	76	150
7315 Food, meals, ice, water	24	25	25	100	25	100
7380 Insurance - general liability	64,882	66,058	52,623	92,000	62,357	75,000
7381 Insurance - boiler,mchnry,property	1,046,039	1,002,998	1,030,357	1,200,000	929,602	1,225,000
7382 Insurance - blanket bond	4,040	4,141	4,191	3,000	3,706	4,500
7384 Insurance - public officials liab	73,611	67,870	66,497	80,750	64,142	76,500
7385 Insurance - comprehensive auto liab	109,393	107,236	118,506	140,000	136,025	165,000
7386 Insurance - umbrella liability	397,767	397,707	399,491	500,000	444,123	540,000
7387 Insurance - self insured damages	114,156	75,098	77,106	200,000	14,695	225,000
7388 Excess Workers Compensation	70,740	69,580	63,660	-	55,057	-
7415 Fuels & lubricants	1,986	1,200	2,036	2,000	3,460	3,000
7601 Legal Fees	-	4,916	-	20,000	-	20,000
7635 Software maintenance service fees	4,500	4,500	4,500	-	-	-
7699 Other services	72,730	64,836	43,473	105,000	95,871	120,000
7805 Computer equipment	-	-	-	1,800	-	-
7820 Office furniture & equipment	-	-	-	400	173	-
<i>O&M NON-PERSONNEL TOTAL</i>	<u>1,963,391</u>	<u>1,867,357</u>	<u>1,864,844</u>	<u>2,348,000</u>	<u>1,812,180</u>	<u>2,457,050</u>
	2,101,642	1,956,645	2,004,262	2,488,212	1,976,555	2,613,608



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



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

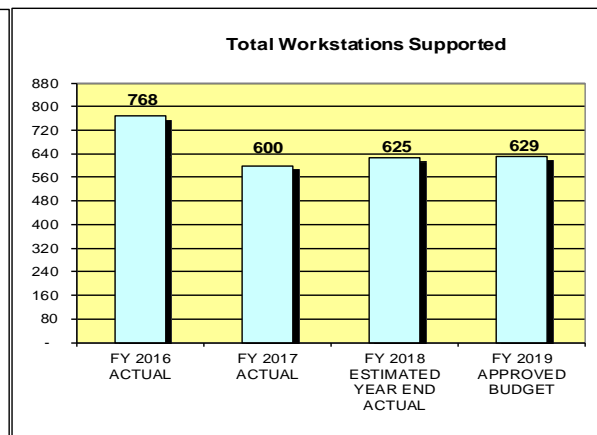
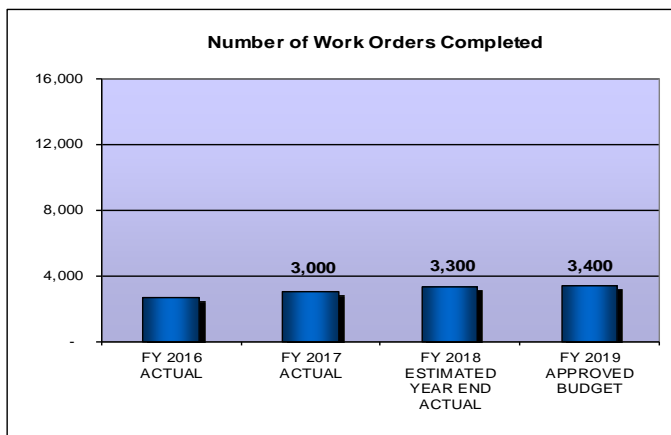
OUTPUT MEASURES

- Number of Work Orders Completed
- Total Workstations Supported
- Servers Supported

EFFICIENCY MEASURES

- Projects Completed
- System Availability:
 - Telephones
 - Network
 - Applications
 - Internet

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
O&M Personnel Expenses	\$ 1,351,694	\$ 1,421,016	\$ 1,552,067	\$ 1,503,784
O&M Non-Personnel Expenses	\$ 1,138,865	\$ 1,238,302	\$ 1,448,902	\$ 1,613,550
Number of Work Orders Completed	2,680	3,000	3,300	3,400
Total Workstations Supported	768	600	625	629
Servers Supported	276	309	315	325
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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 115,784	\$ 161,214	\$ 121,146	\$ 99,403	\$ 367,973	\$ 114,317
6105 Administrative Staff	594,920	652,894	750,194	828,506	634,717	877,323
6110 Clerical staff	217,167	125,121	82,423	77,272	70,707	83,158
6130 Overtime	6,005	1,706	2,081	2,000	1,872	2,513
6201 T.M.R.S.	128,527	156,303	167,392	179,626	192,850	192,066
6205 F.I.C.A.	55,856	55,766	55,715	62,321	63,595	66,638
6210 Medicare	13,063	13,042	13,030	14,575	14,873	15,585
6214 Dental Insurance	4,731	4,415	4,286	4,743	4,655	4,743
6215 Hospitalization insurance	138,562	145,495	148,718	158,991	161,266	165,879
6220 Life Insurance	1,249	1,270	1,261	1,664	1,186	1,222
6221 Long Term Disability Insurance	2,421	2,480	2,515	2,140	922	2,150
6225 Workers Compensation	23,594	23,572	23,649	25,130	26,964	26,870
6230 Vacation leave	3,963	1,268	10,975	12,163	1,030	13,723
6235 Sick leave	(10,187)	7,147	37,632	13,369	9,455	15,096
6260 Vacancy Savings	-	-	-	(72,719)	-	(77,498)
<i>O&M PERSONNEL TOTAL</i>	1,295,656	1,351,694	1,421,016	1,409,184	1,552,067	1,503,784
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	58	132	39	300	203	300
7110 Dues & memberships	29	-	-	-	-	-
7120 Office supplies	2,309	1,277	1,633	3,500	1,639	3,500
7130 Postage/shipping charges	125	143	136	400	235	400
7135 Telephone expenses	172,971	209,637	190,291	203,500	180,170	209,000
7140 Training expenses	5,040	4,770	3,994	6,000	7,339	15,000
7145 Travel expenses	6,871	11,680	1,861	7,500	7,034	7,500
7180 Utilities - departmental	9,536	5,523	3,736	4,000	3,621	4,000
7299 Other materials & supplies	26,148	16,893	5,235	7,000	9,969	7,000
7315 Food, meals, ice, water	835	253	528	1,000	488	1,000
7335 Wearing apparel & dry goods	396	326	385	400	446	400
7415 Fuels & lubricants	1,232	1,089	757	1,000	936	1,000
7599 Maintenance / other	-	-	(497)	-	-	-
7635 Software maintenance service fees	360,227	493,156	523,240	594,400	393,474	639,900
7645 Maintenance services	168,821	148,174	197,351	218,000	363,206	234,500
7699 Other services	-	20,700	40,100	100,000	66,600	100,000
7801 Communication equipment	929	-	10,734	12,000	45,280	12,000
7805 Computer equipment	327,492	224,359	172,267	257,604	280,904	290,050
7806 Software licenses-new	5,944	754	86,512	86,000	85,912	88,000
7820 Office furniture & equipment	-	-	-	-	1,446	-
7899 Other minor tools & equipment	464	-	-	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	1,089,426	1,138,865	1,238,302	1,502,604	1,448,902	1,613,550
	2,385,082	2,490,559	2,659,318	2,911,788	3,000,969	3,117,334



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



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

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

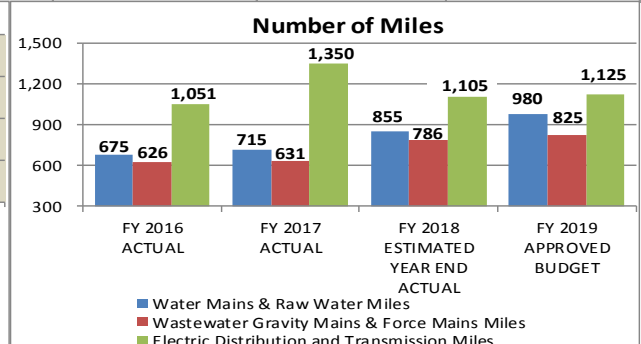
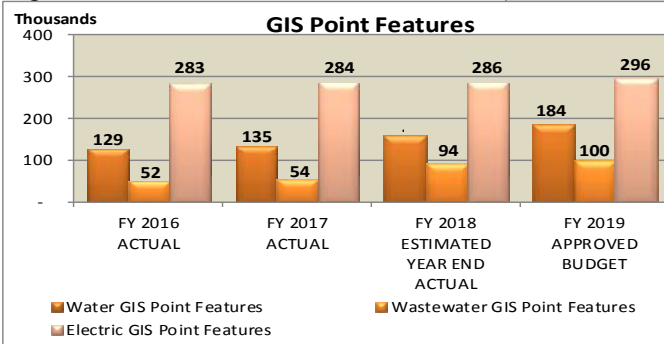
Department Function:

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Employees (FTEs)	11	11	10	10
O&M Non-Personnel Expenses	\$ 358,384	\$ 309,409	\$ 399,632	\$ 385,803
OUTPUT MEASURES				
Subdivisions	2,106	2,146	2,119	2,251
Addresses	61,391	62,500	61,866	62,311
Street Names	8,824	8,950	8,836	8,915
Parcels	92,347	92,505	92,320	92,415
Water GIS Point Features	129,417	135,000	160,199	184,009
Wastewater GIS Point Features	52,208	54,000	93,511	100,265
Electric GIS Point Features	282,816	283,915	285,931	296,150
GPS Field Inventory	29,640	31,500	35,125	36,155
Water Mains & Raw Water Miles	675	715	855	980
Wastewater Gravity Mains & Force Mains Miles	626	631	786	825
Electric Distribution and Transmission Miles	1,051	1,350	1,105	1,125
OUTCOME MEASURES				
Data Request	4,150	4,255	4,893	4,915
Map Production	4,300	4,550	5,232	5,362
Avg. Number of Internal Customers	524	612	650	650
Avg. Number of External Customers	251	314	393	405
EFFICIENCY MEASURES				
Avg. Number of QA/QC Electric Workorders	265	616	759	815
Avg. Number of QA/QC Electric Service Request	13,590	15,015	17,365	18,163
Avg. Number of Water/Wastewater As-Builds	299	389	401	475



DEPARTMENT 7135 - GEOGRAPHIC INFORMATION SYSTEMS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 106,590	\$ 89,433	\$ 79,403	\$ 79,581	\$ 79,581	\$ 79,581
6105 Administrative Staff	264,609	169,579	178,020	190,848	205,283	195,071
6110 Clerical staff	164,605	179,686	165,620	165,393	162,741	165,422
6130 Overtime	595	1,006	12,980	4,000	14,873	12,161
6201 T.M.R.S.	74,162	73,584	77,155	77,881	82,700	78,641
6205 F.I.C.A.	32,841	26,232	25,771	27,021	27,313	27,285
6210 Medicare	7,681	6,135	6,027	6,319	6,388	6,381
6214 Dental Insurance	3,252	2,868	2,566	2,706	2,647	2,706
6215 Hospitalization insurance	86,991	87,514	82,233	85,049	83,551	85,049
6220 Life Insurance	761	624	576	476	510	524
6221 Long Term Disability Insurance	1,446	1,170	1,105	872	357	880
6225 Workers Compensation	13,838	11,162	10,951	10,896	11,662	11,002
6230 Vacation leave	(1,871)	(872)	6,824	5,273	(866)	5,619
6235 Sick leave	20,362	(8,614)	9,455	5,796	(841)	6,181
6240 Educational assistance	-	-	1,409	-	2,056	4,000
6242 Auto Benefits	7,500	865	-	-	-	-
6243 Telephone Benefits	1,680	194	-	-	-	-
6260 Vacancy Savings	-	-	-	(32,352)	-	(32,627)
<i>O&M PERSONNEL TOTAL</i>	<u>785,042</u>	<u>640,566</u>	<u>660,095</u>	<u>629,760</u>	<u>677,956</u>	<u>647,876</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	132	126	277	300	-	300
7110 Dues & memberships	616	763	1,805	2,000	1,556	2,000
7120 Office supplies	8,628	7,786	7,535	5,000	2,790	2,500
7125 Photo equipment/supplies	-	-	63	-	-	-
7130 Postage/shipping charges	398	493	346	500	109	500
7135 Telephone expenses	-	-	91	-	100	-
7140 Training expenses	2,146	4,769	7,760	8,000	1,855	5,000
7145 Travel expenses	3,491	7,349	10,351	9,000	3,253	7,503
7225 Safety supplies	73	-	-	-	-	-
7299 Other materials & supplies	3,080	2,037	3,672	3,000	705	2,000
7310 Federal, state, & local fees	-	12	31	-	-	-
7315 Food, meals, ice, water	2,654	1,233	1,239	2,000	2,437	2,000
7325 Rental of equip/storage/land	138,535	102,774	103,302	112,000	103,057	112,000
7330 Right of way fees	51,084	44,068	33,240	55,000	48,834	62,000
7335 Wearing apparel & dry goods	1,971	3,631	3,973	3,000	4,662	3,000
7415 Fuels & lubricants	3,617	3,769	3,818	5,000	5,033	5,000
7520 Maint. of minor equipment	21	4,795	34	-	-	-
7605 Engineering fees	-	-	4,950	50,000	20,889	25,000
7635 Software maintenance service fees	71,787	131,505	110,211	180,000	119,436	110,000
7699 Other services	-	33,301	1,430	577,000	81,766	5,000
7805 Computer equipment	655	3,585	8,412	8,700	300	10,000
7806 Software licenses-new	3,374	412	645	25,000	-	25,000
7820 Office furniture & equipment	1,366	5,976	4,847	5,000	1,185	5,000
7899 Other minor tools & equipment	-	-	1,376	2,000	1,663	2,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>293,629</u>	<u>358,384</u>	<u>309,409</u>	<u>1,052,500</u>	<u>399,632</u>	<u>385,803</u>
	1,078,671	998,950	969,504	1,682,260	1,077,588	1,033,679



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



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

Employee Satisfaction over 90%
Issue 2 tactics completed on schedule
Gender Pay Equity (Female median earnings as a % of Males' median earnings)

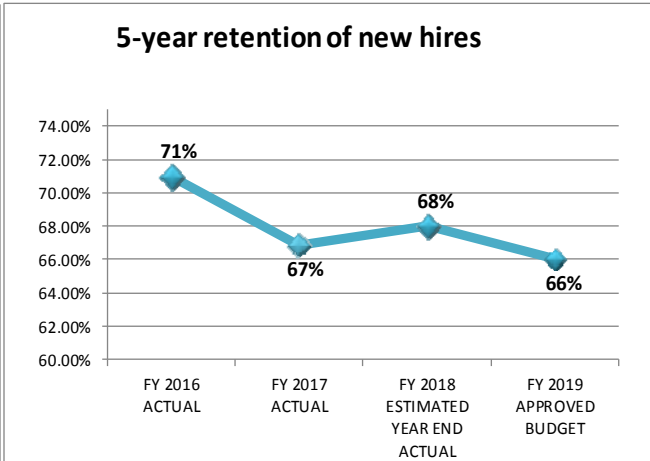
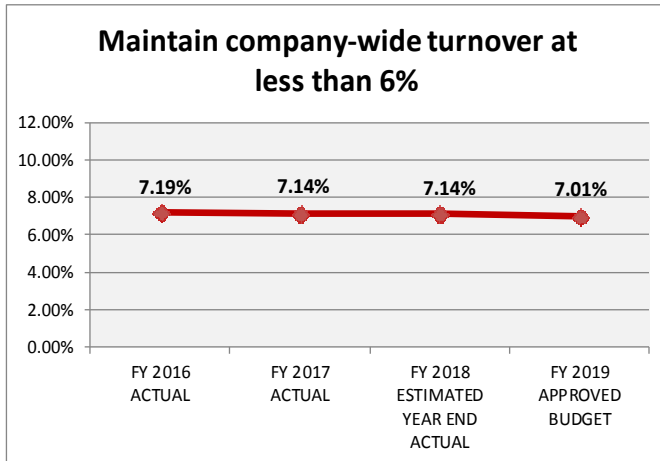
OUTCOME MEASURES

Recognition of employee for living BPUB's core values

EFFICIENCY MEASURES

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

FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
6	2	2	2
\$ 1,060,363	\$ 663,631	\$ 562,813	\$ 679,562
90%	N/A ¹	N/A ¹	90%
100.0%	20.0%	28.6%	50.0%
91.1%	91.1%	90.0%	100.0%
206	225	250	250
7.19%	7.14%	7.14%	7.01%
71%	67%	68%	66%



¹Data not available for fiscal year

DEPARTMENT 7140 - HUMAN RESOURCES

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 215,040	\$ 206,972	\$ 128,155	\$ 128,752	\$ 128,668	\$ 128,752
6105 Administrative Staff	127,756	113,649	-	-	-	-
6110 Clerical staff	104,898	80,598	39,515	37,502	41,159	39,770
6130 Overtime	6,656	5,598	4,784	6,000	8,302	5,736
6201 T.M.R.S.	62,355	72,071	62,017	29,710	41,383	30,115
6205 F.I.C.A.	29,516	25,971	20,015	10,308	13,389	10,448
6210 Medicare	7,010	6,323	4,863	2,411	3,245	2,444
6214 Dental Insurance	2,484	1,919	1,544	558	765	558
6215 Hospitalization insurance	67,974	61,038	50,700	19,532	24,652	17,339
6220 Life Insurance	658	551	232	167	210	186
6221 Long Term Disability Insurance	1,272	1,081	473	333	192	337
6225 Workers Compensation	12,743	11,514	8,841	4,156	5,798	4,213
6230 Vacation leave	12,727	(7,573)	(11,291)	2,012	1,578	2,152
6235 Sick leave	21,839	(3,942)	(43,946)	2,211	788	2,367
6240 Educational assistance	1,070	1,245	-	5,000	-	-
6242 Auto Benefits	7,500	7,488	7,482	7,500	7,506	7,500
6243 Telephone Benefits	1,680	1,677	1,676	1,680	1,681	1,680
6250 Miscellaneous personnel benefits	67,466	109,834	71,390	280,000	82,085	70,000
6260 Vacancy Savings	-	-	-	(11,671)	-	(11,708)
6270 Retention Plan Budget	-	-	-	25,000	-	-
<i>O&M PERSONNEL TOTAL</i>	<u>750,644</u>	<u>696,016</u>	<u>346,450</u>	<u>551,160</u>	<u>361,401</u>	<u>311,888</u>
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	25,166	-	-	20,000	-	-
7105 Books & periodicals	1,074	-	-	1,000	-	500
7110 Dues & memberships	4,370	4,046	1,043	1,624	1,618	1,624
7115 Educational material	871	219	36	5,000	536	1,000
7120 Office supplies	16,576	7,312	4,458	7,400	2,130	5,000
7130 Postage/shipping charges	1,121	15	61	900	-	500
7135 Telephone expenses	-	-	-	1,000	-	1,000
7140 Training expenses	7,694	7,103	604	8,000	500	8,000
7145 Travel expenses	9,569	10,532	1,179	8,000	954	5,000
7147 Mileage Reimbursement (InTownExp)	511	150	44	350	204	350
7150 Recruitment Expenses	1,985	-	-	-	-	-
7155 Initial Certificatn/Licensing Reimb	-	829	-	-	-	-
7299 Other materials & supplies	2,565	587	786	500	495	500
7315 Food, meals, ice, water	1,907	1,680	2,766	2,500	2,279	2,500
7322 Recognition Program	37,679	44,626	39,290	55,000	38,522	55,000
7325 Rental of equip/storage/land	4,285	5,352	4,978	5,600	2,544	5,600
7415 Fuels & lubricants	26	-	-	-	-	-
7501 Maint. of buildings & structures	-	-	5,650	-	-	-
7601 Legal Fees	42,841	127,947	141,441	84,250	122,402	85,000
7605 Engineering fees	38,815	19,528	17,676	100,000	15,000	100,000
7699 Other services	94,299	130,877	95,796	108,000	10,139	85,000
7805 Computer equipment	385	1,772	324	5,800	27	3,600
7806 Software licenses-new	95	-	-	10,000	-	-
7820 Office furniture & equipment	6,937	1,772	1,050	5,000	4,063	7,500
<i>O&M NON-PERSONNEL TOTAL</i>	<u>298,772</u>	<u>364,347</u>	<u>317,181</u>	<u>429,924</u>	<u>201,412</u>	<u>367,674</u>
	1,049,416	1,060,363	663,631	981,084	562,813	679,562



**BROWN SVILLE
PUBLIC UTILITIES BOARD**

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

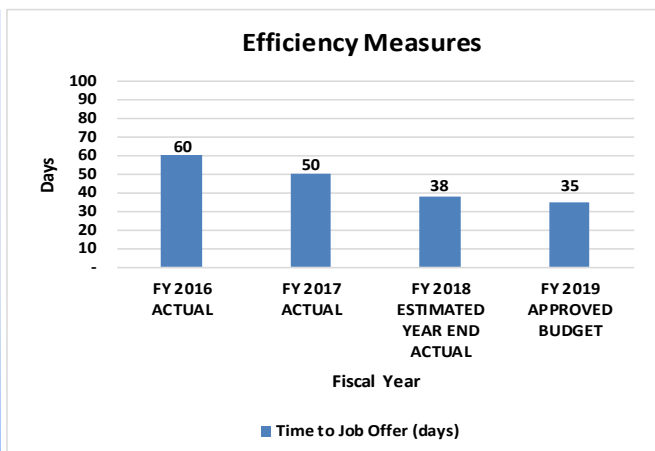
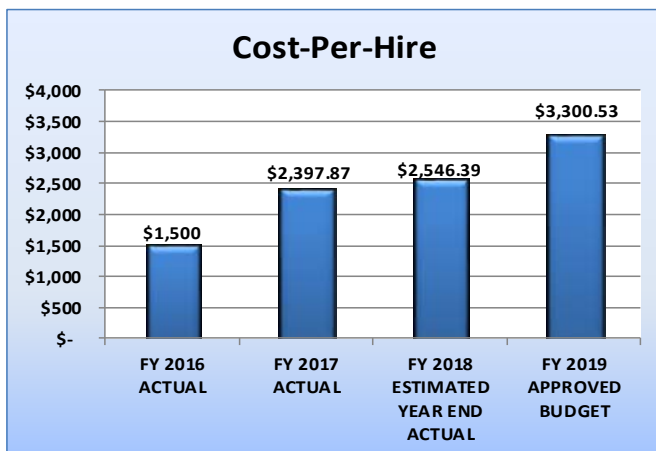
OUTCOME MEASURES

Interviews to Job Offers Ratio
Acceptance Ratio (job offers made vs job offers accepted)

EFFICIENCY MEASURES

Recruitment Cost per Hire
Time to Job Offer (days)

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Employees (FTEs)	3	3	4	4
Total O&M Expenses	\$ 198,065	\$ 268,561	\$ 305,567	\$ 396,063
Interviews of Prospective Employees	325	361	190	180
Job Announcements	45	90	49	55
Job Offers	71	131	70	80
Interviews to Job Offers Ratio	44.00%	36.29%	36.84%	44.44%
Acceptance Ratio (job offers made vs job offers accepted)	90.00%	93.13%	95.71%	97.50%
Recruitment Cost per Hire	\$ 1,500	\$ 2,397.87	\$ 2,546.39	\$ 3,300.53
Time to Job Offer (days)	60	50	38	35



DEPARTMENT 7145 – TALENT ACQUISITION & STAFFING

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ 44,694	\$ 18,323	\$ 38,022	\$ -	\$ -
6105 Administrative Staff	-	33,335	109,409	151,590	150,000	165,381
6110 Clerical staff	-	28,676	36,271	-	38,373	38,022
6130 Overtime	-	829	361	1,000	519	1,426
6201 T.M.R.S.	-	18,920	29,068	33,884	33,781	36,348
6205 F.I.C.A.	-	6,169	9,274	11,756	10,652	12,611
6210 Medicare	-	1,443	2,169	2,749	2,491	2,949
6214 Dental Insurance	-	627	930	1,116	1,085	1,116
6215 Hospitalization insurance	-	20,883	33,270	41,257	40,094	41,257
6220 Life Insurance	-	142	218	205	226	238
6221 Long Term Disability Insurance	-	269	426	379	163	407
6225 Workers Compensation	-	2,692	4,190	4,740	5,086	5,085
6230 Vacation leave	-	6,902	2,414	2,294	(1,093)	2,597
6235 Sick leave	-	11,038	(3,244)	2,522	3,920	2,857
6240 Educational assistance	-	-	3,348	7,000	5,610	3,500
6260 Vacancy Savings	-	-	-	(14,285)	-	(15,171)
<i>O&M PERSONNEL TOTAL</i>	-	176,617	246,426	284,230	290,907	298,623
<i>O&M NON-PERSONNEL</i>						
7101 Advertising	-	4,234	4,754	15,000	4,370	12,000
7105 Books & periodicals	-	-	-	500	-	500
7110 Dues & memberships	-	190	815	1,040	995	1,040
7120 Office supplies	-	336	923	3,000	1,238	2,000
7130 Postage/shipping charges	-	-	-	1,000	-	500
7135 Telephone expenses	-	238	-	-	-	-
7140 Training expenses	-	6,620	1,230	4,000	345	4,000
7145 Travel expenses	-	5,162	5,952	4,000	4,056	6,000
7147 Mileage Reimbursement (InTownExp)	-	439	-	700	-	500
7150 Recruitment Expenses	-	4,058	4,999	17,740	1,257	14,000
7299 Other materials & supplies	-	80	492	500	51	500
7315 Food, meals, ice, water	-	91	254	700	252	700
7325 Rental of equip/storage/land	-	-	-	1,000	-	-
7635 Software maintenance service fees	-	-	-	20,000	-	30,000
7699 Other services	-	-	30	20,000	3,203	20,000
7805 Computer equipment	-	-	1,747	2,000	(1,420)	4,500
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	940	-	314	1,200
	-	21,448	22,135	91,180	14,660	97,440
	-	198,065	268,561	375,410	305,567	396,063



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



Department Responsibility: Hector Quintanilla
Title: Fleet Services Manager
Telephone Ext: 6325
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 and as effectively as possible, so that we may achieve a safe operating fleet and at an optimum cost/hour. Personnel are available for "stand-by" support 24 hours/day, 365 days/year. Additionally, the department is responsible for providing PUB with cost effective fleet equipment that will allow us to complete our jobs 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.

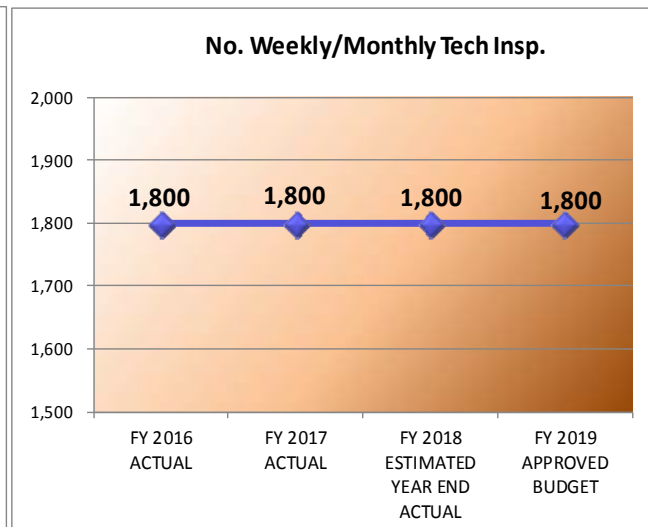
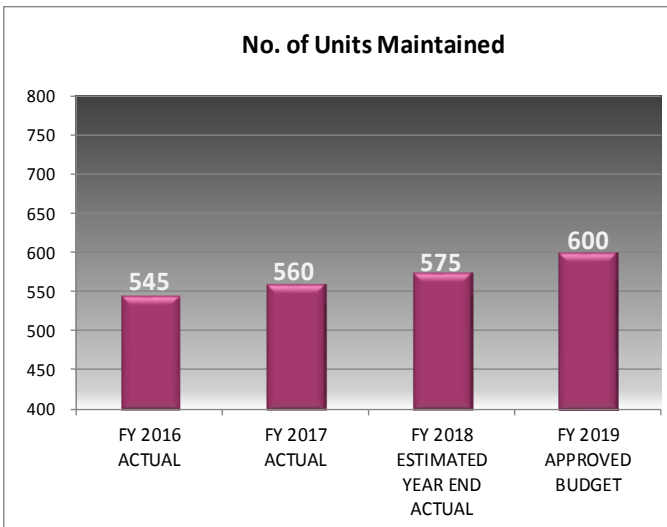
	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
No. of Employees	10	10	10	10
No. of Scheduled Preventive Maintenance	327	350	400	450
No. State/DOT Inspections	300	330	350	350
No. Safety Inspections/Month	1,800	1,800	1,800	1,800
Technicians to Equipment Ratio	1:90.8	1:80	1:93	1:75
OUTPUT MEASURES				
No. of Units Maintained	545	560	575	600
No. Weekly/Monthly Tech Insp.	1,800	1,800	1,800	1,800
No. W.O. Generated	3,370	3,400	3,500	4,500

INPUT MEASURES

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

OUTPUT MEASURES

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



DEPARTMENT 7150 – FLEET MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 49,964	\$ 52,598	\$ 61,181	\$ 61,318	\$ 61,318	\$ 61,318
6105 Administrative Staff	-	24,506	34,783	34,861	34,459	34,861
6110 Clerical staff	17,957	20,728	22,470	22,807	23,332	22,813
6115 Operational staff	216,282	248,751	235,691	253,156	259,933	258,586
6130 Overtime	20,876	10,136	8,102	8,009	15,574	10,054
6201 T.M.R.S.	40,646	59,425	63,333	66,502	70,018	67,473
6205 F.I.C.A.	17,872	21,429	21,726	23,073	23,760	23,410
6206 Suta	-	5,269	7,185	-	-	-
6210 Medicare	4,180	5,012	5,081	5,396	5,557	5,475
6214 Dental Insurance	1,687	2,057	2,012	2,232	2,167	2,232
6215 Hospitalization insurance	44,725	58,269	55,656	60,853	60,567	62,855
6220 Life Insurance	398	479	479	404	430	447
6221 Long Term Disability Insurance	757	908	(1,077)	744	(739)	755
6225 Workers Compensation	10,796	11,114	10,953	9,304	10,851	9,439
6230 Vacation leave	(8,072)	4,454	(592)	4,503	1,453	4,821
6235 Sick leave	2,070	18,181	7,080	4,949	5,670	5,303
6260 Vacancy Savings	-	-	-	(27,033)	-	(27,483)
<i>O&M PERSONNEL TOTAL</i>	<u>420,137</u>	<u>543,315</u>	<u>534,062</u>	<u>531,078</u>	<u>574,349</u>	<u>542,360</u>
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	3,000	-	5,000
7110 Dues & memberships	-	-	1,390	1,000	228	1,000
7120 Office supplies	1,180	6,596	3,540	4,000	4,039	4,000
7130 Postage/shipping charges	23	1,656	5,936	4,500	2,541	4,500
7135 Telephone expenses	-	238	-	-	-	-
7140 Training expenses	-	-	480	5,000	480	5,000
7145 Travel expenses	112	59	1,334	2,000	-	2,000
7180 Utilities - departmental	17,204	22,404	21,682	20,000	17,064	20,000
7215 Laundry & janitorial supplies	-	10	375	500	10	500
7225 Safety supplies	9	-	-	1,000	458	1,000
7293 Chemicals - other	433	193	1,527	2,000	-	2,000
7299 Other materials & supplies	59,744	60,934	62,999	42,000	55,738	48,000
7304 Hurricane Preparedness Expenses	-	22,890	20,605	30,000	2,750	30,000
7305 ERCOT expenses	-	-	-	-	8	-
7310 Federal, state, & local fees	1,754	5,617	4,633	7,500	6,064	7,500
7315 Food, meals, ice, water	414	352	787	1,200	418	1,200
7325 Rental of equip/storage/land	-	-	-	100	-	100
7335 Wearing apparel & dry goods	2,661	2,367	3,410	3,000	3,951	3,000
7405 Auto body repairs	14,584	8,611	18,867	15,000	12,185	15,000
7410 Batteries	15,548	16,016	20,567	15,000	9,791	15,000
7415 Fuels & lubricants	20,193	18,234	23,925	19,000	14,239	19,000
7420 Parts	295,485	396,709	375,199	280,000	437,151	280,000
7425 Road service	22,433	24,266	25,710	15,000	27,346	15,000
7430 Tires	73,656	85,115	97,441	85,000	87,606	85,000
7520 Maint. of minor equipment	-	413	-	-	-	-
7635 Software maintenance service fees	5,038	6,777	4,014	12,000	8,263	15,000
7645 Maintenance services	319,127	414,638	476,711	300,000	600,877	350,000
7699 Other services	-	48,949	-	72,000	74,110	72,000
7805 Computer equipment	381	618	-	7,000	-	7,000
7820 Office furniture & equipment	345	-	1,029	2,000	870	2,000
7835 Tools, shop and garage equipment	12,149	16,574	1,029	6,000	11,639	6,000
7899 Other minor tools & equipment	10,938	16,509	2,095	6,000	3,690	6,000
<i>O&M NON-PERSONNEL TOTAL</i>	<u>873,411</u>	<u>1,176,744</u>	<u>1,175,284</u>	<u>960,800</u>	<u>1,381,515</u>	<u>1,021,800</u>
	1,293,548	1,720,059	1,709,346	1,491,878	1,955,864	1,564,160



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**



Department Responsibility: Arianna Ramirez

Title: Compensation & Benefits Manager

Telephone Ext: 6190

Dept. No. 7155

**PERFORMANCE MEASURES
FOR THE
COMPENSATION & BENEFITS DEPARTMENT**

Department Function:

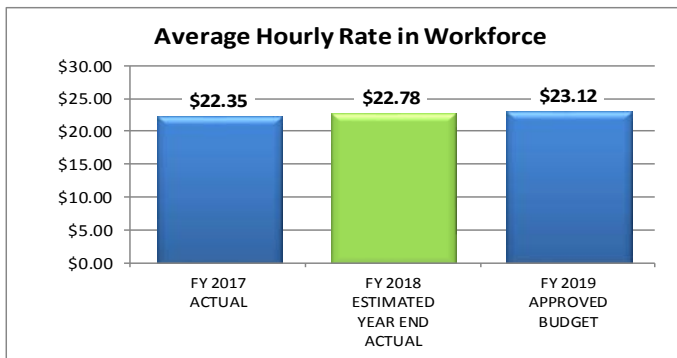
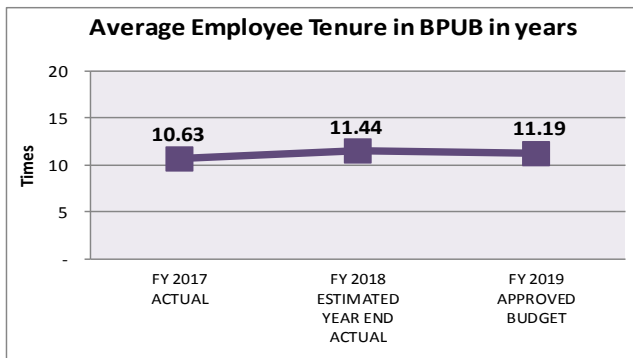
The Compensation & Benefits Department (C&B) is responsible for defining and implementing BPUB's compensation strategy, policy, and plan, setting compensation structures, and establishing competitive pay practices. The department also administers a strategically-aligned benefits programs

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.

	FY 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
INPUT MEASURES				
Employees (FT Es)	-	4	4	6
Total O&M Expenses	-	\$475,736	\$426,485	\$588,766
OUTPUT MEASURES				
Average Hourly Rate in Workforce	-	\$22.35	\$22.78	\$23.12
Number of Onboarded Employees	-	57	50	51
Number of Changes updated on HR Systems	-	1,198	1,215	1,232
Number of Employee Requested Changes	-	570	598	600
OUTCOME MEASURES				
Wellness Program (Bi-Monthly)	-	1	7	6
Average Employee Tenure in BPUB in years	-	10.63	11.44	11.19
Internal Market Review Conducted As Percent of Workforce	-	9.6%	17.5%	0%
EFFICIENCY MEASURES				
Employee Satisfaction with Benefits Program (Percent Favorable Minimum 90%)	-	N/A	96.00%	95%
Employee Satisfaction with Compensation Package (Percent Favorable Minimum 50%)	-	N/A	48.00%	50.0%
Number of C&B Staff to FT Es	-	1:146	1:146	1:146

Note: New department created in 2017



DEPARTMENT 7155 – COMPENSATION AND BENEFITS

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ 67,592	\$ 67,184	\$ 85,827	\$ 67,184
6105 Administrative Staff	-	-	115,482	101,878	140,242	105,851
6110 Clerical staff	-	-	20,261	57,013	-	62,712
6130 Overtime	-	-	107	500	-	1,085
6201 T.M.R.S.	-	-	40,805	40,400	40,428	42,128
6205 F.I.C.A.	-	-	13,550	14,017	13,219	14,616
6210 Medicare	-	-	3,169	3,278	3,092	3,418
6214 Dental Insurance	-	-	1,033	1,116	1,082	1,116
6215 Hospitalization insurance	-	-	35,123	38,754	37,594	38,754
6220 Life Insurance	-	-	285	238	256	270
6221 Long Term Disability Insurance	-	-	562	452	192	471
6225 Workers Compensation	-	-	5,929	5,652	5,740	5,894
6230 Vacation leave	-	-	18,850	2,736	(929)	3,010
6235 Sick leave	-	-	67,750	3,007	1,006	3,311
6240 Educational assistance	-	-	2,258	-	-	-
6250 Miscellaneous personnel benefits	-	-	7,044	50,500	24,400	57,000
6260 Vacancy Savings	-	-	-	(16,499)	-	(17,121)
<i>O&M PERSONNEL TOTAL</i>	-	-	399,800	370,226	352,148	389,701
<i>O&M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	1,500	-	1,605
7110 Dues & memberships	-	-	1,299	1,500	1,479	2,160
7115 Educational material	-	-	1,296	1,000	897	1,000
7120 Office supplies	-	-	1,945	6,000	4,930	6,000
7130 Postage/shipping charges	-	-	-	500	-	500
7135 Telephone expenses	-	-	-	1,000	-	1,000
7140 Training expenses	-	-	1,810	2,000	295	4,000
7145 Travel expenses	-	-	4,682	2,000	2,507	5,000
7147 Mileage Reimbursement (InTownExp)	-	-	-	350	-	200
7155 Initial Certificatn/Licensing Reimb	-	-	460	12,000	-	12,000
7299 Other materials & supplies	-	-	389	500	90	500
7315 Food, meals, ice, water	-	-	421	1,500	521	1,000
7325 Rental of equip/storage/land	-	-	-	3,000	277	8,600
7601 Legal Fees	-	-	145	15,000	-	15,000
7635 Software maintenance service fees	-	-	-	16,920	13,500	16,000
7699 Other services	-	-	59,257	85,000	48,114	95,000
7805 Computer equipment	-	-	56	3,600	-	3,600
7806 Software licenses-new	-	-	-	20,900	-	20,900
7820 Office furniture & equipment	-	-	4,176	5,000	1,727	5,000
<i>O&M NON-PERSONNEL TOTAL</i>	-	-	75,936	179,270	74,337	199,065
	-	-	475,736	549,496	426,485	588,766



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Jeffry Stedje

Title: Facilities Maintenance 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

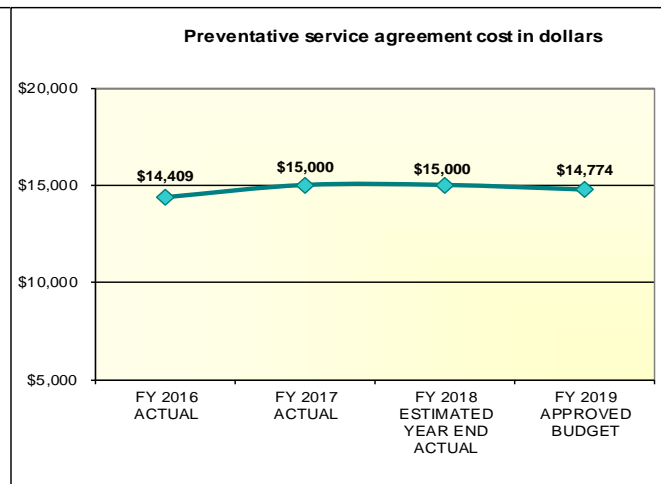
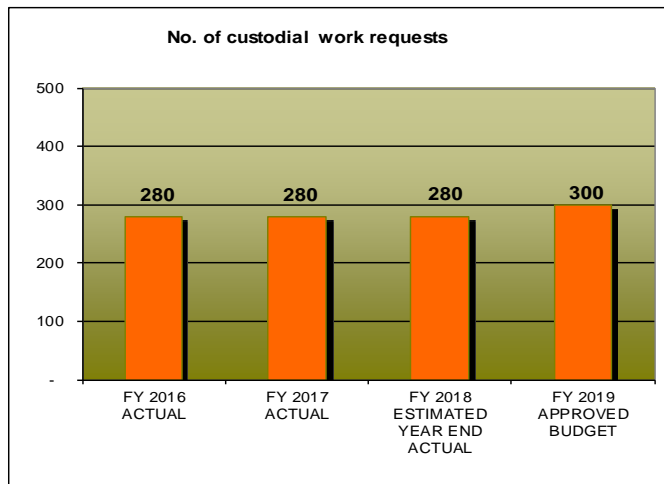
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
FTE	4	4	4	4
O&M Personnel Expenses	\$ 188,742	\$ 209,763	\$ 225,496	\$ 203,275
O&M Non-Personnel Expenses	\$ 899,995	\$ 1,008,753	\$ 900,465	\$ 959,230
Total O&M Expenses	\$ 1,088,737	\$ 1,218,516	\$ 1,125,961	\$ 1,162,505
No. of custodial work requests	280	280	280	300
Admin. Bldg. daily water consumption/gals	700	700	750	760
A/C repair cost in dollars	\$ 5,239	\$ 6,000	\$ 16,000	\$ 10,000
Preventative service agreement cost in dollars	\$ 14,409	\$ 15,000	\$ 15,000	\$ 14,774
Maintain/ improve customer service	Yes	Yes	Yes	Yes
Improve water conservation	No	No	Yes	Yes
Limit repair cost	Yes	Yes	Yes	Yes
Square Feet of Facility Maintenance	33,000	33,000	33,000	33,000
Per unit cost of A/C prevent maintenance per sq.ft.	\$ 0.595	\$ 0.636	\$ 0.939	\$ 0.751



DEPARTMENT 7160 – FACILITY MAINTENANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 49,861	\$ 49,772	\$ 55,236	\$ 59,114	\$ 64,002	\$ 64,002
6115 Operational staff	71,672	73,063	79,680	83,888	77,068	70,637
6130 Overtime	1,098	1,328	1,378	1,445	1,546	2,118
6201 T.M.R.S.	16,690	20,678	25,292	25,554	26,201	24,026
6205 F.I.C.A.	7,091	7,267	8,310	8,866	8,620	8,348
6210 Medicare	1,658	1,699	1,943	2,074	2,016	1,952
6214 Dental Insurance	1,089	1,071	1,095	1,116	1,043	1,116
6215 Hospitalization insurance	31,084	32,206	33,868	34,059	32,463	34,059
6220 Life Insurance	178	182	190	163	170	169
6221 Long Term Disability Insurance	317	325	348	286	124	269
6225 Workers Compensation	3,066	3,116	3,582	3,575	3,663	3,366
6230 Vacation leave	331	438	2,675	1,730	4,251	1,719
6235 Sick leave	3,316	(2,404)	(3,835)	1,902	4,329	1,891
6260 Vacancy Savings	-	-	-	(10,935)	-	(10,397)
<i>O&M PERSONNEL TOTAL</i>	<u>187,453</u>	<u>188,742</u>	<u>209,763</u>	<u>212,837</u>	<u>225,496</u>	<u>203,275</u>
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	158	135	977	200	75	200
7130 Postage/shipping charges	280	-	-	-	-	-
7135 Telephone expenses	128,033	178,827	181,129	152,000	137,664	152,000
7140 Training expenses	-	159	200	250	-	250
7145 Travel expenses	-	99	904	1,500	-	1,500
7147 Mileage Reimbursement (InTownExp)	-	-	17	560	198	600
7180 Utilities - departmental	126,803	119,393	117,939	175,000	117,159	130,000
7210 Landscaping/Trade a Tree Program	3,240	-	-	5,000	-	7,000
7299 Other materials & supplies	53,502	114,285	66,998	71,000	37,416	71,000
7310 Federal, state, & local fees	10	-	-	10	-	10
7315 Food, meals, ice, water	48	49	49	68	50	70
7335 Wearing apparel & dry goods	761	702	812	600	940	1,000
7415 Fuels & lubricants	174	38	390	-	40	-
7501 Maint. of buildings & structures	860	5,400	20,549	25,000	19,438	30,000
7599 Maintenance / other	40,379	15,126	12,994	20,000	6,453	-
7645 Maintenance services	44,176	40,138	34,376	50,000	47,102	50,000
7650 Security services	2,340	1,125	539	1,000	1,199	1,500
7660 Ground Keeping Maintenance	196,978	293,365	324,158	350,000	304,297	375,000
7699 Other services	81,641	130,787	246,722	130,000	226,572	135,700
7820 Office furniture & equipment	13,873	367	-	400	441	900
7899 Other minor tools & equipment	399	-	-	-	1,420	2,500
<i>O&M NON-PERSONNEL TOTAL</i>	<u>693,656</u>	<u>899,995</u>	<u>1,008,753</u>	<u>982,588</u>	<u>900,465</u>	<u>959,230</u>
	881,109	1,088,737	1,218,516	1,195,425	1,125,961	1,162,505



**BROWNSVILLE
PUBLIC UTILITIES BOARD**



Department Responsibility: Julio Perez
Title: Warehouse Supervisor
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

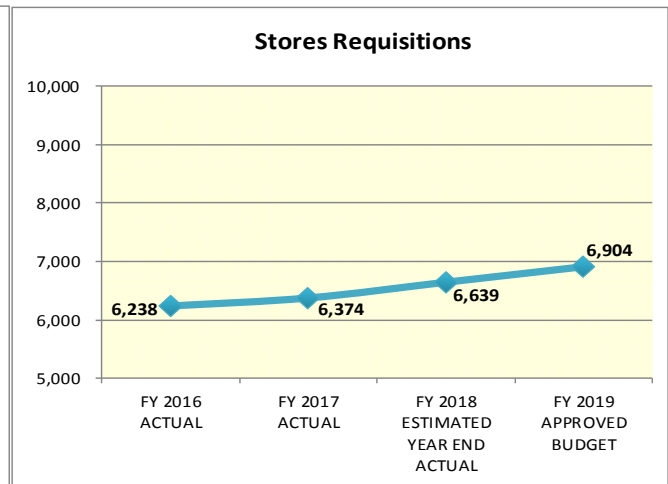
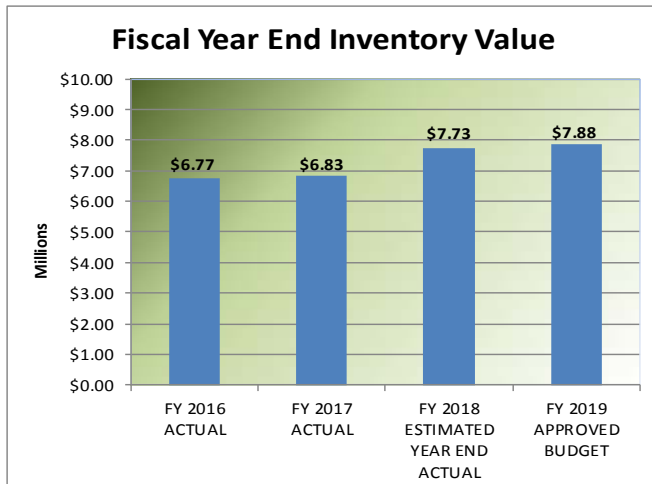
OUTCOME MEASURES

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 2016 ACTUAL	FY 2017 ACTUAL	FY 2018 ESTIMATED YEAR END ACTUAL	FY 2019 APPROVED BUDGET
Full-Time Employees	6	6	6	6
O&M Personnel Expenses	\$ 268,345	\$ 293,467	\$ 308,941	\$ 294,874
O&M Non-Personnel Expenses	\$ 39,927	\$ 31,917	\$ 39,190	\$ 44,950
Total O&M Expenses	\$ 308,272	\$ 325,384	\$ 348,131	\$ 339,824
Fiscal Year End Inventory Value	\$ 6,766,978	\$ 6,826,537	\$ 7,726,986	\$ 7,881,526
Stores Requisitions	6,238	6,374	6,639	6,904
Inventory Accuracy	92%	94%	94%	94%
Stores Issues>Returns	6,499	6,490	6,237	6,400
No. of Year-End Commodity Adjustments	221	150	152	140
Stores Issues per Employee	1,625	1,623	1,559	1,280
Value of Year End Inventory Adjustments	\$ 3,472	\$ 50,000	\$ 50,000	\$ 50,000
Average Cost of Monthly Inventory	\$ 563,915	\$ 568,878	\$ 643,916	\$ 656,794



DEPARTMENT 7170 – WAREHOUSE

ACCOUNT DESCRIPTION	ACTUAL FY 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M PERSONNEL</i>						
6101 Supervision	\$ 30,919	\$ 44,627	\$ 46,469	\$ 48,547	\$ 48,547	\$ 48,547
6110 Clerical staff	17,820	25,782	28,111	31,200	31,217	31,200
6115 Operational staff	69,066	98,622	108,836	113,110	115,641	113,110
6130 Overtime	3,897	2,345	1,786	2,000	5,581	2,134
6201 T.M.R.S.	16,445	29,897	32,576	34,464	35,945	34,464
6205 F.I.C.A.	7,075	10,434	10,608	11,957	11,621	11,957
6210 Medicare	1,654	2,440	2,481	2,796	2,718	2,796
6214 Dental Insurance	1,107	1,574	1,617	1,674	1,597	1,674
6215 Hospitalization insurance	28,137	45,781	49,257	51,398	49,304	51,398
6220 Life Insurance	178	251	265	225	237	245
6221 Long Term Disability Insurance	312	441	478	386	164	386
6225 Workers Compensation	4,367	4,583	4,655	4,821	5,090	4,821
6230 Vacation leave	1,661	(2,033)	1,591	2,334	(1,002)	2,462
6235 Sick leave	2,223	1,571	2,640	2,565	(325)	2,709
6240 Educational assistance	-	2,031	2,097	10,400	2,605	2,000
6260 Vacancy Savings	-	-	-	(15,029)	-	(15,030)
<i>O&M PERSONNEL TOTAL</i>	<u>184,860</u>	<u>268,345</u>	<u>293,467</u>	<u>302,850</u>	<u>308,941</u>	<u>294,874</u>
<i>O&M NON-PERSONNEL</i>						
7120 Office supplies	1,057	1,096	103	-	46	-
7130 Postage/shipping charges	-	-	-	-	14	-
7145 Travel expenses	-	-	-	-	60	-
7215 Laundry & janitorial supplies	74	18	8	200	3	200
7225 Safety supplies	74	77	88	150	141	150
7299 Other materials & supplies	2,104	2,480	2,576	4,500	5,357	5,000
7315 Food, meals, ice, water	271	362	409	600	584	600
7335 Wearing apparel & dry goods	2,042	2,504	2,257	2,000	2,615	2,000
7415 Fuels & lubricants	1,634	1,493	1,776	2,500	2,330	2,500
7501 Maint. of buildings & structures	2,095	-	-	-	-	-
7520 Maint. of minor equipment	-	297	-	500	475	500
7645 Maintenance services	1,304	280	1,854	3,200	1,108	3,200
7699 Other services	21,595	26,829	22,586	24,000	25,849	25,000
7805 Computer equipment	970	3,110	-	-	-	-
7820 Office furniture & equipment	1,345	839	-	300	-	-
7835 Tools, shop and garage equipment	-	99	-	-	-	-
7899 Other minor tools & equipment	34	442	260	1,500	609	5,800
<i>O&M NON-PERSONNEL TOTAL</i>	<u>34,599</u>	<u>39,927</u>	<u>31,917</u>	<u>39,450</u>	<u>39,190</u>	<u>44,950</u>
	219,459	308,272	325,384	342,300	348,131	339,824



**B R O W N S V I L L E
P U B L I C U T I L I T I E S B O A R D**

Department Responsibility: Leandro G. Garcia, CPA

Title: Chief Financial Officer

Telephone Ext: 6173

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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
O&M PERSONNEL						
6101 Supervision	\$ -	\$ -	\$ (1,008)	\$ -	\$ -	\$ -
6115 Operational staff	-	-	-	53,622	118	53,622
6120 Part-time staff	153,271	214,176	191,062	202,496	237,599	152,990
6130 Overtime	2,319	3,900	3,130	3,996	2,735	4,000
6201 T.M.R.S.	(872,392)	325,774	1,598,169	9,582	0	9,497
6205 F.I.C.A.	9,617	13,517	11,893	15,879	14,860	12,810
6206 Suta	397	976	4,691	-	4,909	-
6210 Medicare	2,276	3,161	2,782	3,714	3,475	2,996
6214 Dental Insurance	-	144	30	279	-	279
6215 Hospitalization insurance	299,135	312,873	356,278	442,832	346,640	419,830
6216 Other Post-Employment Benefits (ins)	895,643	808,372	831,691	900,000	900,000	900,000
6220 Life Insurance	-	27	6,886	440	-	62
6221 Long Term Disability Insurance	-	49	(67,271)	188	-	107
6225 Workers Compensation	3,890	6,067	5,176	6,403	6,551	5,165
6230 Vacation leave	-	189	377	-	-	-
6235 Sick leave	-	151	2,514	-	-	-
6240 Educational assistance	(4,183)	-	-	10,000	-	5,000
6250 Miscellaneous personnel benefits	-	56,866	-	150,000	-	1,125,000
O&M PERSONNEL TOTAL	489,973	1,746,242	2,946,400	1,799,431	1,516,887	2,691,359
O&M NON-PERSONNEL						
7130 Postage/shipping charges	478	3	-	-	-	-
7145 Travel expenses	-	506	-	-	-	-
7299 Other materials & supplies	(13)	528	-	500	-	250
7301 Bad debt expense	-	633,307	50,964	40,000	112,483	99,500
7306 Southmost Regional Water Authority O&M	3,585,642	3,752,642	3,719,365	3,844,573	3,844,573	-
7306 SRWA O&M Assessment	-	-	-	-	-	3,818,338
7307 SRWA Dbt Svc Assessment	-	-	-	-	-	2,134,891
7307 SRWA 2003 Dbt Svc Paym Allocation	2,152,371	2,158,034	2,159,360	2,090,064	2,090,064	-
7310 Federal, state, & local fees	-	-	23	-	-	-
7315 Food, meals, ice, water	-	771	1,858	-	1,662	-
7335 Wearing apparel & dry goods	10,007	7,872	7,627	10,050	12,324	37,000
7697 O&M Contingency-Maintenance Pool	-	-	-	500,000	-	500,000
7698 O&M Contingency-Budget Pool	-	-	-	732,000	-	807,000
7699 Other services	38,244	-	81,787	1,250	15,458	20,000
7805 Computer equipment	-	-	-	50,000	-	50,000
7820 Office furniture & equipment	-	-	-	10,000	-	10,000
7899 Other minor tools & equipment	-	-	-	20,000	-	20,000
O&M NON-PERSONNEL TOTAL	5,786,729	6,553,663	6,020,984	7,298,437	6,076,565	7,496,979
	6,276,702	8,299,905	8,967,384	9,097,868	7,593,452	10,188,338



Department Responsibility: Leandro G. Garcia
Title: Chief Financial Officer
Telephone Ext: 6173
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 2015	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	UNAUDITED ACTUAL FY 2018	APPROVED BUDGET FY 2019
<i>O&M NON-PERSONNEL</i>						
7135 Telephone expenses	\$ -	\$ 57,280	\$ -	\$ -	\$ -	\$ -
7605 Engineering fees	118,435	99,242	2,823	-	-	-
7630 Construction contractor services	-	256,882	-	-	-	-
7820 Office furniture & equipment	-	-	1,876	-	-	-
<i>O&M NON-PERSONNEL TOTAL</i>	118,435	413,404	4,699	-	-	-
	118,435	413,404	4,699	-	-	-

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CAPITAL BUDGET

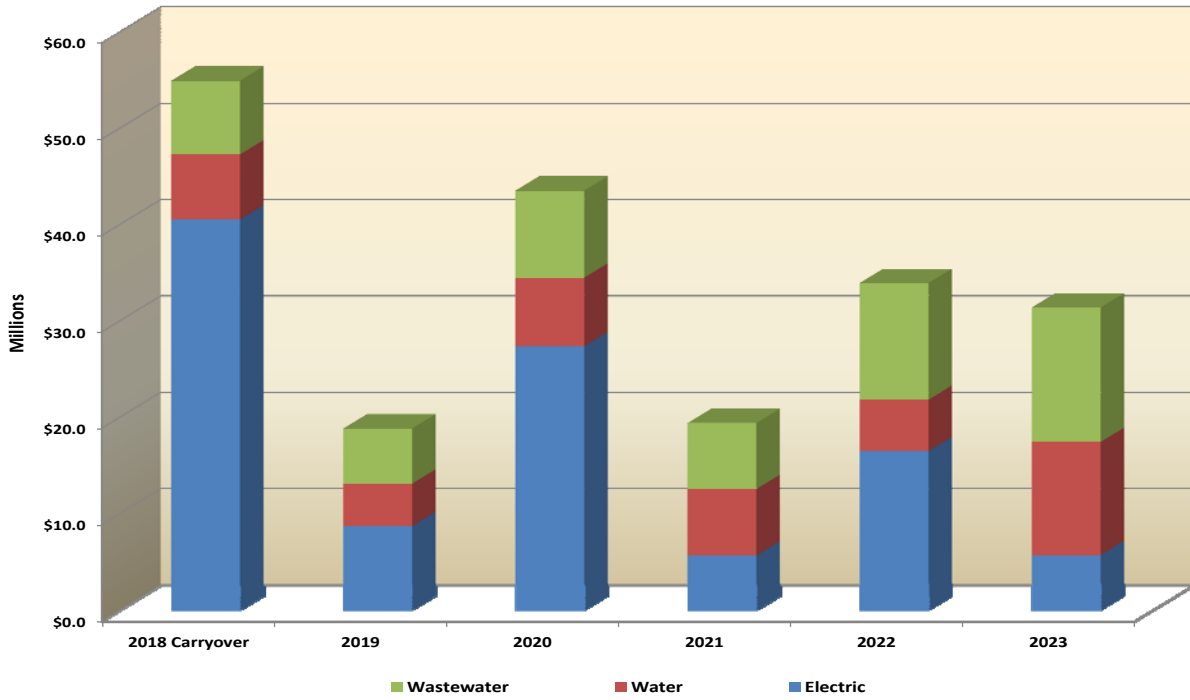
**FIVE-YEAR CAPITAL IMPROVEMENT PLAN
SUMMARY BY FUNDING SOURCE**

Line Ref.		[A]	[B]	[C]	[D]	[E]	[F]	[G]
		FY 2018 CARRYOVER	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FIVE-YEAR TOTAL
1	Improvement Fund - CIP Funding Budget:	25,064,769	5,918,498	9,110,753	5,448,750	14,686,530	5,706,700	65,936,000
2	Improvement Fund-Capitalizable Equipment Budget:	3,089,260	961,597	-	-	-	-	4,050,857
3	Improvement Fund-Facilities:	2,000,000	-	4,000,000	500,000	-	-	6,500,000
4	Total FY 2018 New and Carryover Spending Plan:	30,154,029	6,880,095	13,110,753	5,948,750	14,686,530	5,706,700	76,486,857
5	Impact Fees Fund Total:	140,946	2,298,526	4,031,800	2,100,000	2,000,000	2,531,000	13,102,272
6	Commercial Paper Funding Budget-Internal:	7,276,798	5,939,251	10,609,769	11,349,619	15,154,260	23,165,076	73,494,772
7	Commercial Paper Funding Budget-Facilities:	16,864,000	3,000,000	15,781,000	-	2,100,000	-	37,745,000
8	Commercial Paper Funding Budget-Tenaska:	-	-	-	-	-	-	-
9	Capitalizable Equipment Budget:	-	-	-	-	-	-	-
10	¹ Total FY 2019 New and Carryover Spending Plan:	24,140,798	8,939,251	26,390,769	11,349,619	17,254,260	23,165,076	111,239,772
11	² Grants Total:	501,662	720,239	-	-	-	-	1,221,901
12	Total Planned Projects:	54,937,435	18,838,111	43,533,322	19,398,369	33,940,790	31,402,776	202,050,802
13	Approved Budget Total for Fiscal Year 2019:	\$ 73,775,546			Amended Budget Total for Fiscal Year 2018: \$ 71,306,840			% Change (2019 vs 2018): 3.46%

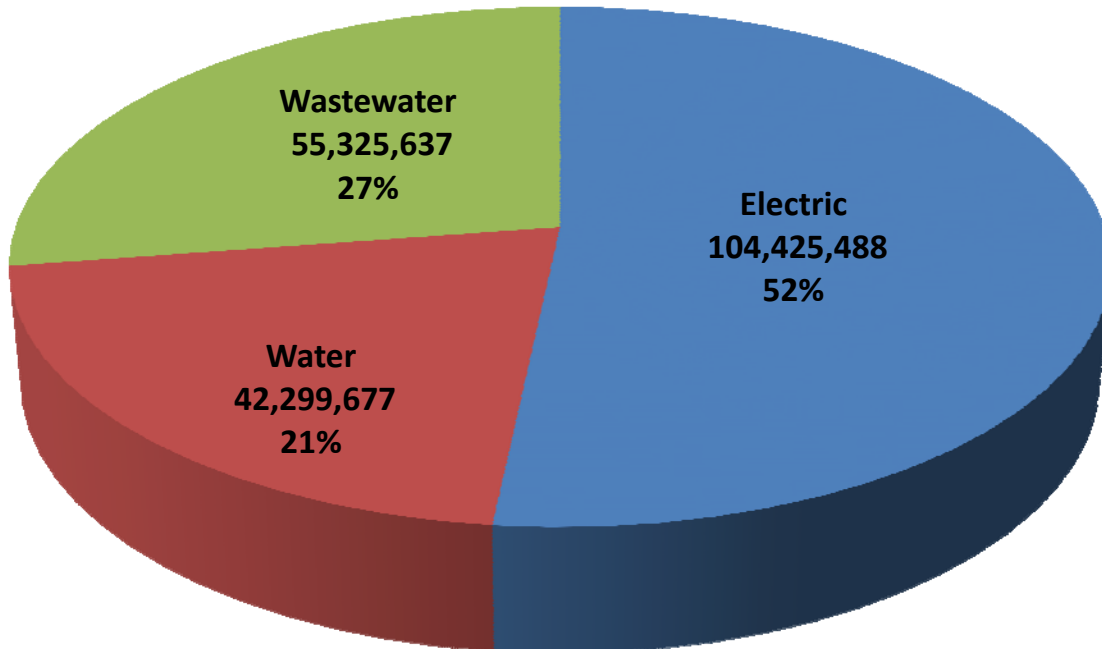
¹ Note: Total includes the carryover budget funded from the Commercial Paper Fund and future debt requirements for Fiscal Year 2019 and beyond.

² Note: Amounts indicate the estimated project costs eligible for grants administered by the relevant state and/or federal agencies.

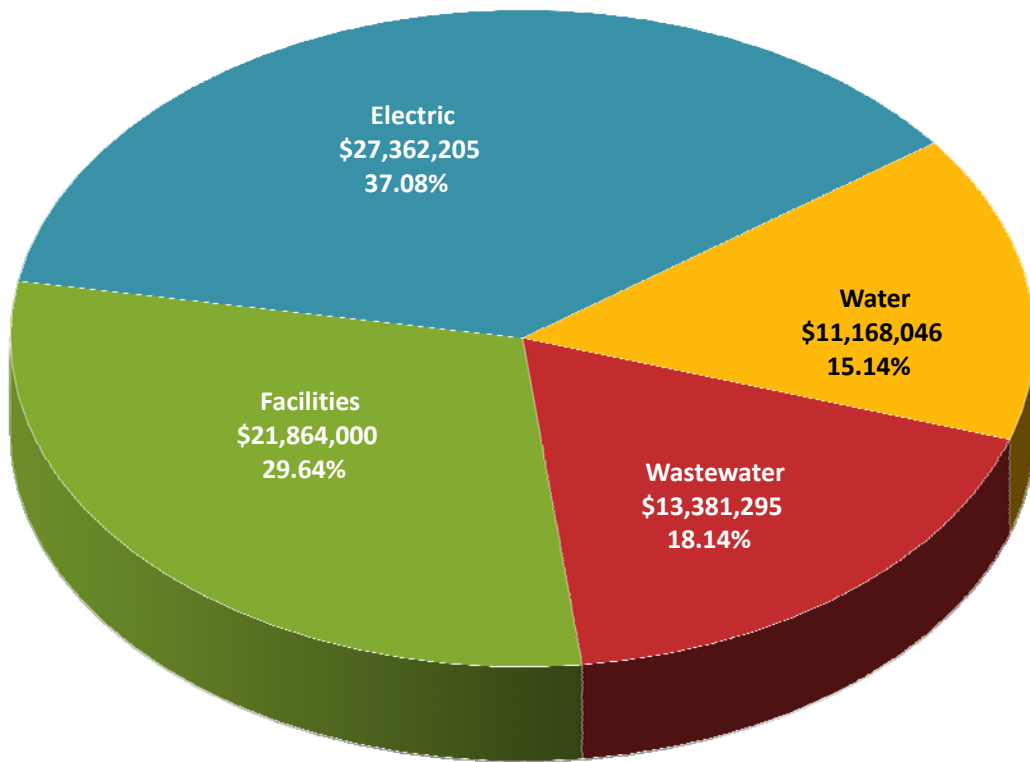
**FIVE-YEAR CAPITAL IMPROVEMENT PLAN
SUMMARY BY UTILITY CHART
\$202,050,802**



**TOTAL 5-YEAR CAPITAL IMPROVEMENT PLAN
SUMMARY BY UTILITY
\$202,050,802**



FY 2019 CAPITAL BUDGET SUMMARY
\$73,775,546

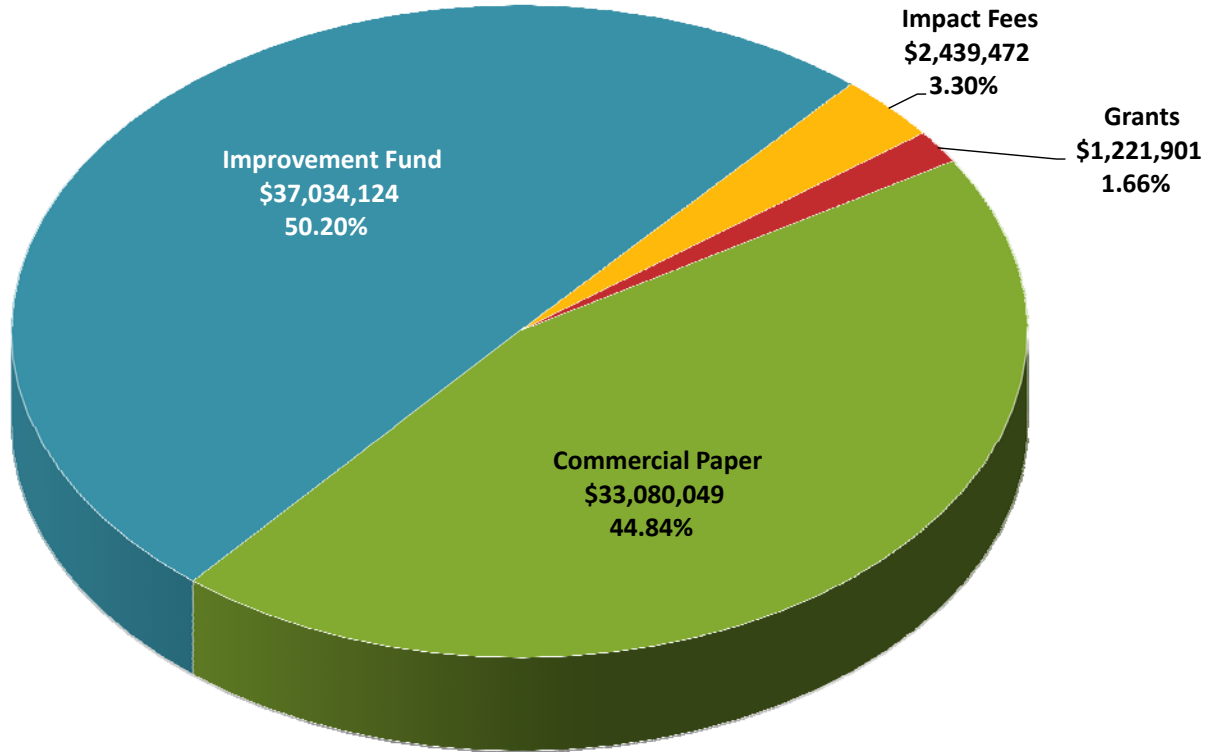


Electric	\$	27,362,205	37.08%
Water	\$	11,168,046	15.14%
Wastewater	\$	13,381,295	18.14%
Facilities	\$	21,864,000	29.64%
<i>TOTAL</i>	\$	<u>73,775,546</u>	<u>100.00%</u>

Note:

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

FY 2019 CAPITAL BUDGET BY FUNDING SOURCE
\$73,775,546

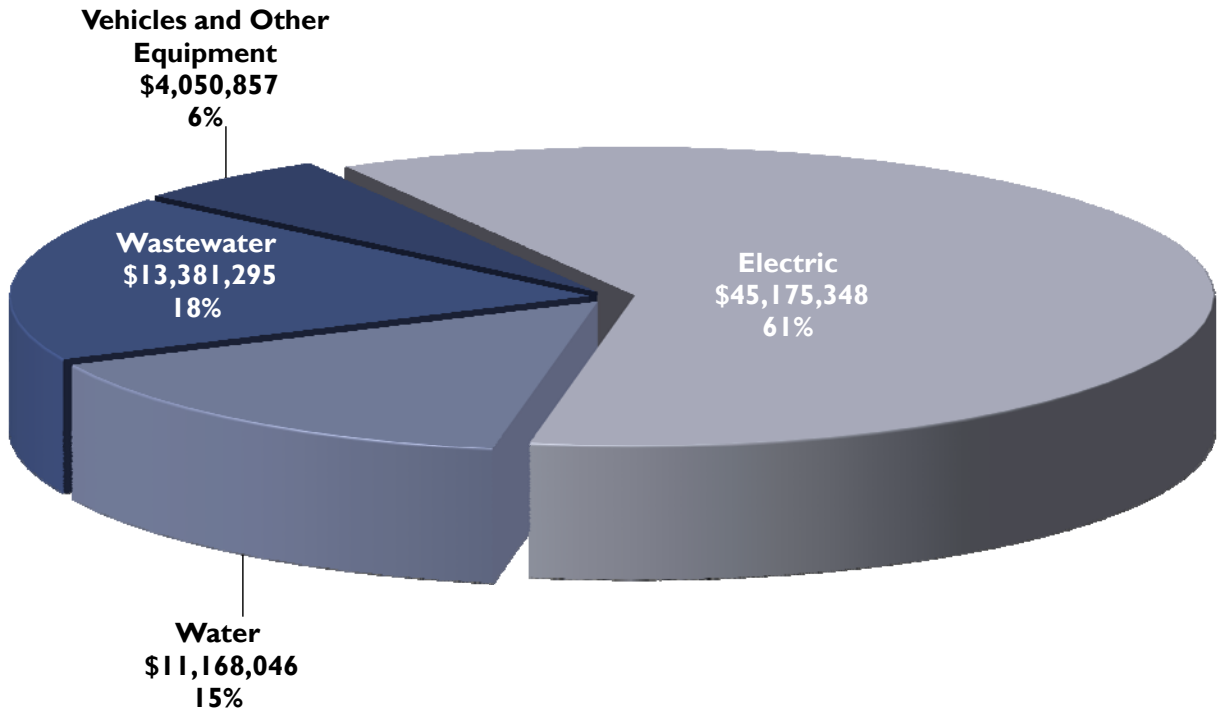


Improvement Fund	\$	37,034,124	50.20%
Impact Fees	\$	2,439,472	3.30%
Grants	\$	1,221,901	1.66%
Commercial Paper	\$	33,080,049	44.84%
TOTAL	\$	73,775,546	100.00%

Note:

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

FY 2019 CAPITAL BUDGET BY SYSTEM
\$73,775,546



Electric	\$	45,175,348	43.59%
Water	\$	11,168,046	15.34%
Wastewater	\$	13,381,295	35.40%
Vehicles and Other Equipment	\$	4,050,857	5.66%
TOTAL	\$	73,775,546	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.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E1

Battery Banks Replacement at Loma Alta, Midtown, and Union Carbide Substations

Organization: 2120 Substations & Relaying	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Arnulfo Mejia
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000

Description: The results of the discharge tests/capacity tests for these battery banks show that some individual cells are close to fail status, meaning that 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.

Project Cost Savings & Revenues: N/A.

PROJECT REFERENCE E2

138 KV Breakers Replacement at FM 802, Military Hwy, and Waterport Substations

Organization: 2120 Substations & Relaying	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Arnulfo Mejia
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 342,819	\$ 150,000	\$ -	\$ -	\$ -	\$ 492,819

Description: These high voltage breakers have mechanical problems with the operating mechanism and prevents them from opening and closing, as they should. The breaker also has a “lag time”, which can cause prolonged outages and affect our reliability. Note: \$342,819 is the FY 2018 carryover amount.

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

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E3

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

Organization: 2120 Substations & Relaying	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Arnulfo Mejia
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,500,000	\$1,200,000	\$ -	\$ -	\$ -	\$2,700,000

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. Note: \$1,500,000 is the FY 2018 carryover amount.

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

PROJECT REFERENCE E4

Replace Legacy Overcurrent and Transformer Differential Protection Relays

Organization: 2120 Substations & Relaying	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Arnulfo Mejia
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$200,000

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.

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

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E5

SCADA (Substations Communications) - Board-approved on 10/10/16 and additional funds on 04/10/17

Organization: 2210 SCADA & Electrical Support Services	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Elias Quintero
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 702,030	\$ -	\$ -	\$ -	\$ -	\$702,030

Description: Project will replace the current SEL 2030 devices, consolidating serial communication with protection relays and hardwire input/output points into the proposed remote terminal unit/serial/Ethernet concentrators. Note: \$702,030 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E6

Fiber Optic for Communication Path from Loma Alta to FM 802 Substation & South Plant to Airport Substations

Organization: 2210 SCADA & Electrical Support Services	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Elias Quintero
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$200,000

Description: Existing fiber optic infrastructure does not provide a complete loop to all the substations. This prevents the multiplexer from performing a self-healing operation if the fiber is ever broken. In order to solve this problem, BPUB will run fiber between the Loma Alta to FM 802 substations and South Plant to the Airport substations.

Project Cost Savings & Revenues: Reduction of trouble shooting communication problems and increased reliability will result in O&M savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E7

Fiber optic for communication path from Loma Alta to Martinal, North WWTP and FM 802

Organization: 2210 SCADA & Electrical Support Services
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Carryover

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Elias Quintero

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 95,625	\$ -	\$ -	\$ -	\$ -	\$ 95,625

Description: Project proposes installing fiber optic run from the Loma Alta Substation to the elevated storage tank on Martinal Road, the Robindale Wastewater Treatment Plant and the FM 802 Substation to improve communications from these facilities. Note: \$95,625 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A.

PROJECT REFERENCE E8

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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 150,000	\$ 200,000	\$ -	\$ -	\$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.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E9

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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 719,580	\$ -	\$ -	\$ -	\$ -	\$719,580

Description: The current SCADA system is in need of an upgrade with regard to software/hardware and other key components. Note: \$719,580 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Upgrades will alleviate current maintenance and reliability costs.

PROJECT REFERENCE E10

Estimated miscellaneous carryover project amount - Electric Distribution

Organization: 2410 Electric Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Carryover

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Eliazar Perez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 831,549	\$ -	\$ -	\$ -	\$ -	\$831,549

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2018. Projects include the installation of a medium voltage switchgear for the river pumps, a new feeder at the FM 802 substation and Trico, and overhead-to-underground conduit conversion at the Port of Brownsville, Brownsville Country Club Subdivision and Amfels. Note: \$831,549 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E11

Estimated miscellaneous carryover project amount - Electric Transmission

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 12,092	\$ -	\$ -	\$ -	\$ -	\$ 12,092

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2018. Projects include the replacement of circuit breakers at Military, Waterport and FM 802 Substations. Note: \$12,092 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E12

New Connections

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Growth	Project Considered: General
Project Occurrence: Recurring	Originator: Eliazar Perez
Category: Routine	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 803,184	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$3,403,184

Description: This project will meet the growing needs of the BPUB service area. It allocates funds so that BPUB can install the infrastructure needed to service new customers. Note: \$153,184 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Revenues will result from new residential, commercial, and industrial customers.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E13

New Subdivisions

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Improvement
Project Considered: General
Originator: Eliazar Perez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 860,741	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$2,460,741

Description: This project will meet the growing needs of the BPUB service area. It allocates funds so that BPUB can install the electric infrastructure needed to service new subdivisions. Note: \$460,741 is the FY 2018 carryover amount.

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.

PROJECT REFERENCE E14

Security Light Installation

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: Recurring
Category: Routine

Funding Source: Improvement
Project Considered: General
Originator: Christian Lopez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 194,826	\$ 51,300	\$ 51,300	\$ 51,300	\$ 51,300	\$400,026

Description: Security lights provide illumination at private residences as well as commercial lots where streetlights do not. Note: \$143,526 is the FY 2018 carryover amount.

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.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E15

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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 175,749	\$ 136,400	\$ 136,400	\$ 136,400	\$ 136,400	\$721,349

Description: Street lights illuminate entrances, sections of roadways, streets, alleys and intersections throughout the City of Brownsville. Note: \$39,349 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E16

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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,088,233	\$ 881,500	\$ 881,500	\$ 881,500	\$ 881,500	\$4,614,233

Description: This project will allocate the funds necessary to address safety and issues with existing services. This program also allocates funds for infrastructure upgrades. Note: \$206,733 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Service upgrades equal more revenues for BPUB in terms of increased demand charges as well as consumption.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E17

Capacitor Bank and Controller Installations

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Load/Capacity Relief
Originator: Emmanuel Benitez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 62,500	\$ 62,500	\$ 62,500	\$ 62,500	-	\$250,000

Description: Install capacitor banks and controllers for six substation feeders to provide better power quality, improved reliability, and reduced losses.

Project Cost Savings & Revenues: Reduced losses will generate O&M savings throughout the BPUB system.

PROJECT REFERENCE E18

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: Commercial Paper
Project: General
Originator: Eleazar Ruiz

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 101,655	\$ 525,000	\$ -	\$ -	\$ -	\$626,655

Description: The Palo Alto Substation has only one 15/20/25 MVA power transformer, which is at 70% capacity. A new transformer will accommodate the load from the proposed Tenaska Generation Plant, which would be an estimated 10 MVA.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E19

Install Electrical Cable and Conduit at the Brownsville Country Club Subdivision

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Enrique Romo
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 673,081	\$ -	\$ -	\$ -	\$ -	\$673,081

Description: BPUB will install over 136,760 feet of electrical cable at the Brownsville Country Club Subdivision. Note: \$673,081 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: There will be less cost related to labor, material, and equipment for both trouble shooting and outage restoration.

PROJECT REFERENCE E20

Amfels OH to URD Conversion Project

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Growth	Project: General
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 191,488	\$ -	\$ -	\$ -	\$ -	\$191,488

Description: BPUB will replace the existing overhead conduit with underground conduit at the Keppel Amfels facilities. Note: \$191,488 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E21

Feeder Utility Pole Replacement Project off of Boca Chica Blvd and other locations in the City of Brownsville

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: General
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 49,909	\$ -	\$ -	\$ -	\$ -	\$ 49,909

Description: Replace 37 defective poles on the feeder off of Boca Chica Blvd. Three of the 37 poles will be replaced with 35-foot concrete poles along with relocating any lights from old poles to new poles. Note: \$49,909 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E22

Transfer Switch at VRMC

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 544	\$ -	\$ -	\$ -	\$ -	\$ 544

Description: Replace automatic transfer switch located at Valley Regional Medical Center. Note: \$544 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E23

Electric Utility Improvements for Airport Passenger Terminal Expansion Project, Board-approved on 11/13/17

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered:
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,100,000	\$ -	\$ -	\$ -	\$ -	\$1,100,000

Description: BPUB will install the electric utility improvements associated with Airport Terminal Expansion Project. Note: \$1,100,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E24

University Blvd Underground 3-phase Primary

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered:
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 235,526	\$ -	\$ -	\$ -	\$ -	\$235,526

Description: BPUB will install underground 3-phase primary conduit along University Boulevard. Note: \$235,526 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E25

Underground Feeder Circuit from Airport Substation to Trico - Board-approved on 03/16/18

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered:
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 254,929	\$ -	\$ -	\$ -	\$ -	\$254,929

Description: BPUB will install a new underground feeder circuit from the Airport Substation to Trico along Billy Mitchell Boulevard. Note: \$254,929 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E26

FM 511 Service Center Yard - Fiber Optic Design and Installation

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered:
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 82,547	\$ -	\$ -	\$ -	\$ -	\$ 82,547

Description: BPUB will install fiber optic cable from the Palo Alto Substation and Southmost Regional Water Authority Water Treatment Plant to the proposed Service Center Yard on FM 511. Note: \$82,547 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E27

FM 511 Service Center Yard - Electric Underground Design and Installation

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered:
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 82,414	\$ -	\$ -	\$ -	\$ -	\$ 82,414

Description: BPUB will install electric utility improvements to the proposed Service Center Yard on FM 511. Note: \$82,414 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E28

Loma Alta and Union Carbide 69 kV to 138 kV Conversion

Organization: 2410 Electric Engineering	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Eliazar Perez
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 225,000	\$ -	\$ -	\$3,587,500	\$3,587,500	\$7,400,000

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 include the installation of one 138/12.5kV power transformer, one 15/20/25/28 MVA transformer, two SF-6 Gas, 138 kV breakers, two gas circuit switchers, new relay protection system, new 12.5 V DC backing system, outdoor 12.5kV switchgear/metalclad, and new control house at each location. Install 138 kV transmission line to re-route the existing Price Road and new Loma Alta transmission lines to Sharyland Utilities' Stillman switching station. Upgrade existing 69 kV to 138 kV transmission line between Loma Alta and Union Carbide Substations. Reroute the Waterport 138 kV transmission line to the upgraded Union Carbide substation.

Project Cost Savings & Revenues: The cost savings would be less equipment maintenance.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E29

Rio Grande Distribution Substation Upgrade, 69KV to 138 KV

Organization: 2410 Electric Engineering	Funding Source: Commercial Paper and Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$2,813,008	\$ -	\$ -	\$ -	\$ -	\$2,813,008

Description: The Power Plant Substation is a 69/12.5 kV system. The 12.5 kV breakers and protection relays have become obsolete and finding replacement parts is difficult. The switchgear is a walk-in unit, meaning that the 12.5 KV breakers are located inside the switchgear making it a safety risk for employees in the event of a breaker failure; the 12.5 KV switchgear is also deteriorating. Replace the Power Plant Substation with a new 138 KV substation. Note: \$2,177,477 is the FY 2018 carryover amount from the Commercial Paper Fund, and \$635,531 is the FY 2018 carryover amount from the Improvement Fund.

Project Cost Savings & Revenues: There will be less cost related to equipment maintenance and part replacement.

PROJECT REFERENCE E30

South Plant Substation Feeders to serve developments in downtown and Southmost areas

Organization: 2410 Electric Engineering	Funding Source: Improvement
Project Related to: Growth	Project Considered: Reliability
Project Occurrence: One-time	Originator: Eliazar Perez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 443,200	\$ -	\$ -	\$443,200

Description: The BPUB proposes to extend a new distribution feeder to meet the demands of its customers. In addition, to serving significant development in this area, the proposed feeder is vital to permanently transferring load from existing circuits nearing their peak capacity.

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.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E31

Install a Second Power Transformer at the Waterport Substation

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 942,500	\$ 942,500	\$ -	\$1,885,000

Description: The Waterport Substation has only one 15/20/25/28 MVA, 138/12.5 power transformer, which is at 65% capacity. A new transformer will increase reliability.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E32

Loma Alta Switching and Distribution Substation Upgrades to Accommodate the New Sharyland Utilities Switching Station

Organization: 2410 Electric Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Eliazar Perez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$300,000

Description: Upgrade the Loma Alta Substation in order to accommodate the new switching station owned by Sharyland Utilities. Note: \$300,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
 FY 2019 – FY 2023

PROJECT REFERENCE E33

Schneider ArcFM Fiber Manager Integration with GIS

Organization: 7135 Geographic Information Systems
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Hazael Becerra

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000

Description: This project will provide an environment of software and hardware for the testing of patches, fixes and new software versions without jeopardizing the integrity of the GIS production environment.

Project Cost Savings & Revenues: Having a highly available and reliable GIS will save time when responding to customer service calls and reduce judgment mistakes when BPUB crews are troubleshooting.

PROJECT REFERENCE E34

Improvements Submitted by Staff for Electric Utility

Organization: 7135 Geographic Information Systems
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Jesus Alfaro

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$150,000

Description: Improvements submitted by staff for the Electric Utility.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E35

Cross Valley Natural Gas Pipeline
 Organization: 1145 Electrical Systems
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Carryover

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Jaime Estrada

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 430,945	\$ -	\$ -	\$ -	\$ -	\$430,945

Description: Engineering and feasibility services and right-of-way for the proposed natural gas pipeline to the proposed Tenaska Brownsville Generation Station. Note: \$430,945 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E36

Estimated miscellaneous carryover project amount - Electric Generation

Organization: 2220 Power Production
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Carryover

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Rolando Lozano

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$196,431	\$ -	\$ -	\$ -	\$ -	\$196,431

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2018. Projects include the purchase and installation of a generator step-up transformer for Unit 6 as well as other electric generation projects. Note: \$196,431 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E37

Unit 10 Combustor Exchange and Variable Inlet Guide Vane, as Board-approved on 11/13/17

Organization: 2220 Power Production	Funding Source: Improvement
Project Related to: Replacement/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Rolando Lozano
Category: Amendment	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 151,112	\$ -	\$ -	\$ -	\$ -	\$151,112

Description: Replace the combustor exchange and variable inlet guide vane on the generator for Unit 10. Note: \$151,112 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E38

Hidalgo Capital Improvements

Organization: 2220 Power Production	Funding Source: Improvement
Project Related to: Replacement/Upgrades/Rehabilitation	Project Considered: Load/Capacity Relief
Project Occurrence: Recurring	Originator: Rolando Lozano
Category: Routine	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 500,000	\$ 300,000	\$ -	\$ -	\$ -	\$800,000

Description: Cover BPUB’s share of expenditures that will incur 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.

Project Cost Savings & Revenues: Improve the overall reliability and availability, thereby reducing lost time and unexpected outages and costly repair.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E39

Oklaunion Capital Improvements

Organization: 2220 Power Production
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: Recurring
 Category: Routine

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Rolando Lozano

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,181,163	\$ 750,000	\$ -	\$ -	\$ -	\$1,931,163

Description: BPUB owns 18% of a coal-fired power plant that comprises one 650-megawatt power boiler and one turbo generator. Funding is for BPUB’s share of capital improvements at the Oklaunion Power Plant near Vernon, Texas. Note: \$431,163 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Implementation of Capital Projects will improve plant’s overall reliability and availability, reducing lost time and emergency outage repairs.

PROJECT REFERENCE E40

Silas Ray Power Plant Battery Bank Replacement 2019

Organization: 2220 Power Production
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Rolando Lozano

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 112,229	\$ -	\$ -	\$ -	\$ -	\$112,229

Description: Current battery banks of Unit 10, Unit 9, and Unit 5 are in need of replacement. Unit 10 battery bank has failed recent capacity tests. The Unit 9 battery bank has been continuous service since 1996 as well as cells failing in recent capacity tests. The Unit 5 battery bank is in need of replacement since it will become the backup power for the BPUB Network servers at this location.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E41

Unit 6/9 Protective Relay System 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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 100,000	\$ 375,000	\$ -	\$ -	\$ -	\$475,000

Description: Replacement of obsolete electromechanical relay systems for unit 6 and unit 9 generator and auxiliary power systems as recommended by the BPUB insurance carrier, improve system reliability, assure NERC reliability compliance and reduce potential arc flash hazards in the working environment. Note: \$100,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: BPUB in-house relay maintenance services will be able to perform routine calibration and check as opposed to using outside service vendors.

PROJECT REFERENCE E42

Unit 10 Chiller Cooling Tower 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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 500,500	\$ -	\$ -	\$ -	\$500,500

Description: Replacement of cooling tower designed for the specific application to reduce maintenance cost, liability and improve performance.

Project Cost Savings & Revenues: Cost reduction through improved performance is expected but not yet quantified.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E43

Unit 10 Ovation Control Replacement

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Rolando Lozano

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 684,803	\$ -	\$ -	\$ -	\$684,803

Description: Replace the existing Woodward Micronet Control System (a General Electric product line) for the combustion turbine and migrate all the functional control into the Emerson Ovation Distributed Control System.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E44

Unit 6 Improvement Project

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Rolando Lozano

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 480,000	\$6,273,480	\$ -	\$6,753,480

Description: Replace the heat recovery steam generator (HRSG) economizer section; install a new stack damper; replace Unit 6 turbine; refurbish or replace circulating water lines. The project includes elements of relay protection, condition monitoring and governing control.

Project Cost Savings & Revenues: With these improvements, repair costs will be reduced to less than \$10,000. The stack damper option for the HRSG will reduce unit heat loss, thereby reducing thermal stress on the unit and reduced startup time, which are indirect cost reductions. Steam turbine performance improvement is anticipated with better utilization of steam from the HRSG to increase capacity. Increased capacity will result in a lower heat rate with expected increase in demand opportunities.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE E45

Unit 6/9 GSU Project

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Rolando Lozano

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 518,727	\$ -	\$ -	\$ -	\$ -	\$518,727

Description: The Unit 6 generator step up (GSU) transformer is 1961 vintage equipment that requires replacement due to test indications of impending failure. Unit 6 operates in combined cycle and is the most efficient unit at the Silas Ray Power Plant. Note: \$518,727 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E46

Gas Compressor 9 A, B PLC Replacement

Organization: 2220 Power Production
Project Related to: Replacement/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: New

Funding Source: Improvement
Project Considered: Must Do
Originator: Rolando Lozano

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 326,542	\$ -	\$ -	\$ -	\$ -	\$326,542

Description: Replace the existing programmable logic control (PLC) with a new system and integrate with the existing distributive control system. Note: \$326,542 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G1

Architect/engineering design services for Administration Building Annex and Remodeling of the Existing Administration Building

Organization: 1110 General Manager
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie Leal

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 747,544	\$ -	\$ -	\$ -	\$ -	\$747,544

Description: Architectural and engineering design services of the Annex Administration Building to be located next to the current Administration Building on Robinhood Street. Note: \$747,544 is the FY 2018 carryover amount from the Improvement Fund.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G2

Architect/engineering Design Services and Construction for a new Service Center on FM 511

Organization: 1110 General Manager
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Marie Leal

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$4,233,923	\$ -	\$ -	\$ -	\$ -	\$4,233,923

Description: Architectural and engineering design services and construction for a new Service Center on FM 511. Note: \$4,233,923 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G3

Annex Admin Bldg, new Service Center (FM 511), remodel existing Admin Bldg - additional funds Board-approved on 10/10/16

Organization: 1110 General Manager	Funding Source: Improvement
Project Related to: Replacement/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Marie Leal
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 134,605	\$ -	\$ -	\$ -	\$ -	\$134,605

Description: The Brownsville Public Utilities Board (BPUB) facilities, including the Administration Building and the Service Center, are currently in need of expansion to meet company and customer growth over the years. Note: \$134,605 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G4

Implementation of an Enterprise Content Management System (ECMS)

Organization: 1165 Records Management	Funding Source: Improvement
Project Related to: Replacement/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Lucile Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 690,000	\$ -	\$ -	\$ -	\$ -	\$690,000

Description: The implementation of the ECMS 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: \$690,000 is the FY 2018 carryover amount.

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.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G5

Environmental Building Rehabilitation

Organization: 1420 Environmental Compliance
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Ramiro Capistran Jr.

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 202,000	\$ -	\$ -	\$ -	\$202,000

Description: The overall condition of the building has deteriorated over its eighteen years of life. No major rehabilitation work was done since construction. The two indoor/outdoor fans are inoperable, rusted and deteriorated. Two of the three entrance doors do not shut properly and have rusted hinges and doorknobs. The insulation is bulging out of its original location. The oil tank pump is inoperable. The crane is undersized for the larger transformers; and the manual garage doors have rusted.

Project Cost Savings & Revenues: Cost savings is generated indirectly. Fines/fees for violation can far exceed the equipment cost or the cost resulting from stopping operations.

PROJECT REFERENCE G6

Laboratory Expansion

Organization: 1422 Analytical Lab
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Lee Roy Atkinson

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 400,000	\$1,200,000	\$ -	\$1,600,000

Description: New federal and state implemented requirements mandate laboratories to comply with the National Environmental Laboratories Accreditation Program (NELAP). This required more bench space, so a mobile office is temporarily used but is limited to certain analysis due to ventilation and A/C requirements.

Project Cost Savings & Revenues: Streamline project analysis, time/money savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE C1

Cayenta Utilities (UMS) Upgrade Version 7.9.3

Organization: 6135 CIS Support
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Norma A. Gomez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$250,000

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: \$250,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G7

FAX Over IP

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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 8,906	\$ -	\$ -	\$ -	\$ -	\$ 8,906

Description: Fax over IP is necessary since most telephone provider’s communication is moving away from analog telephone lines. The Health and Safety, Purchasing, and Customer Service Departments frequently use faxing. Note: \$8,906 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
 FY 2019 – FY 2023

PROJECT REFERENCE G8

Wireless Access Points

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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 12,210	\$ -	\$ -	\$ -	\$ -	\$ 12,210

Description: Additional wireless access points are necessary to alleviate user functionality issues that have been arising. Note: \$12,210 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G9

Enterprise Backup Appliance DR4100

Organization: 7130 Information Technology
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Carryover

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 26,167	\$ -	\$ -	\$ -	\$ -	\$ 26,167

Description: This appliance will be the backup for enterprise systems used throughout the organization and allow those systems to be stored at the power plant facility. Note: \$26,167 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G10

Appliance for Virtual Terminals – Power Plant

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000

Description: The appliance will include disk storage and CPU processing for virtual terminals and virtual servers. Current servers are now end-of-life and no longer covered by warranty. Note: \$80,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G11

Cisco Core Networking Equipment – FM 511

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$150,000

Description: Enterprise Cisco Core networking equipment for new FM 511 building will support phone/network communications. This equipment will provide the necessary network connectivity to support the BPUB enterprise business applications recommended by the Strategic Plan.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G12

UPS – New Building FM 511

Organization: 7130 Information Technology
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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, core network switches will be connected.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G13

Dell FX Chassis and Storage – Power Plant

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Must Do
Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

Description: Dell FX chassis that will be used for server replacement and disk expansion and growth throughout the year. Hardware server chassis will be for server replacement. Information Technology personnel will replace end-of-life servers not covered by warranty. Currently production systems running on outdated hardware.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G14

Dell FX Chassis and Storage – Main Building

Organization: 7130 Information Technology
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ 80,000

Description: Dell FX chassis that will be used for server replacement and disk expansion and growth throughout the year. Hardware server chassis that will be 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.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G15

Phone System Blades and Storage

Organization: 7130 Information Technology
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 110,000	\$ -	\$ -	\$ -	\$110,000

Description: Additional blades and storage will be for server replacement, disk expansion and growth throughout the year. This project will be used for additional phone/network needs and include both hardware and software. The hardware will be replicated between the Power Plant and Main Building.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G16

Server Storage

Organization: 7130 Information Technology
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Improvement
Project Considered: Must Do
Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Description: Purchase additional server storage such as Powervault Chassis, SSD disks and EMC storage.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G17

Web Replication Software

Organization: 7130 Information Technology
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Improvement
Project Considered: Reliability
Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Description: Software, hardware and implementation of an extra site for web content filtering application.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G18

APC / UPS - DataCenter Hardware replacement

Organization: 7130 Information Technology
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Description: The current UPS is now 9 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. If these parts are not replaced this will void the warranty of the UPS.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G19

Cognos Software

Organization: 7130 Information Technology
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Description: The Cognos software will standardize the accessing of data by both IT programming personnel and BPUB users. The users can access corporate data such as spreadsheets and CSV file. Users will be able to do their own data exploration and schedule reports. They will be able to display their data in charts and present data in dashboards using various different smart visualizations. This product will allow professional reporting in one unified environment.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G20

PureStorage – Expansion

Organization: 7130 Information Technology
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$120,000

Description: The current storage area network consists of multiple outdated hard disk environments that handle all of the storage needs for BPUB. The upgrade of this environment will allow the Information Technology (IT) department to standardize on one storage platform. This upgrade will also allow the department to create instant backups and replicate data to BPUB’s secondary data center located at the Power Plant. These devices will allow us to restore large amounts of data faster in case of a natural or hardware disaster.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G21

Offsite Hardware - Drive Expansion

Organization: 7130 Information Technology
 Project Related to: Emergency
 Project Occurrence: One-time
 Category: New

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

Description: The upgrade of this environment will allow the Information Technology (IT) department to standardize on one storage platform. This upgrade will also allow the department to create instant backups and replicate data to a designed location outside of Brownsville. Critical business data will be replicated on a daily basis to this co-location to be used in case of emergencies or natural disaster. These devices will allow us to restore large amounts of data faster in case of a natural disaster or hardware failure.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G22

Power Plant Backup Power

Organization: 7130 Information Technology
 Project Related to: Emergency
 Project Occurrence: One-time
 Category: New

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Sergio Martinez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Description: Currently when the Power Plant has an outage, the facility has limited backup power to keep the IT Data Center running. This project is to have backup power for the IT Data Center at the Power Plant. Purchase additional batteries for the Power Plant battery bank. This will prevent equipment from turning off abruptly.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G23

Computerized Maintenance Management System (CMMS) Integration – Purchase of Software

Organization: 7135 Geographic Information Services
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Hazael Becerra

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$200,000

Description: Following recommendation from the Asset Management Gap Analysis project, BPUB is allocating funds to purchase a Corporate Preventative Maintenance System, which includes the acquisition of the software application, integration services, support services and training.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G24

Fleet Management System

Organization: 7150 Fleet Management	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Hector Quintanilla
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 54,028	\$ -	\$ -	\$ -	\$ -	\$ 54,028

Description: Current fleet management system consists of five different programs, which makes it difficult to manage and properly control BPUB’s fleet. This new system is a single program that manages all the different facets of fleet management. Note: \$54,028 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Cost saving opportunities include elimination of unnecessary repairs and better management of the preventative maintenance program that will lead to less expensive repairs due to breakdowns.

PROJECT REFERENCE G25

Timekeeping Software – Purchase & Installation

Organization: 7155 Compensation & Benefits	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: General
Project Occurrence: One-time	Originator: Sergio A. Delgadillo
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$250,000

Description: Research, purchase, and training of new timekeeping software to replace the current time entry software. The current timekeeping system was developed in-house and has limited capabilities.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G26

New Chiller for the Administration Building

Organization: 7160 Facility Maintenance
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Improvement
 Project Considered: Reliability
 Originator: Jeffry Stedje

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 78,721	\$ -	\$ -	\$ -	\$ -	\$ 78,721

Description: Remove old chiller and install new chiller for the Administration Building by isolating the existing system, drain chill water lines, where necessary, and lock out electrical to the chiller.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G27

General Improvement – Carryover Projects

Organization: 9110 Company-wide Expenses
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Carryover

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Company-wide

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 273,555	\$ -	\$ -	\$ -	\$ -	\$273,555

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2018. Projects include the improvements to the network and other general and administrative projects. Note: \$273,555 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE C2

Customer Service – Carryover Projects

Organization: 9110 Company-wide Expenses	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Eddy Hernandez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 92,986	\$ -	\$ -	\$ -	\$ -	\$ 92,986

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2018. Projects include improvements to the Customer Information System and other customer service projects. Note: \$92,986 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE E47

Carryover and Estimated Capital Equipment

Organization: 9110 Company-wide Expenses	Funding Source: Improvement
Project Related to: Growth	Project Considered: Load Capacity
Project Occurrence: One-time	Originator: Company wide
Category: New & Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$2,873,382	\$ -	\$ -	\$ -	\$ -	\$2,873,382

Description: This line item is the budget for the carryover and approved budget for capital equipment. These items include purchases of vehicles and other equipment. Note: \$1,911,785 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W1

Caustic soda bulk tank

Organization: 3120 Water Plant I
Project Related to: N/A
Project Occurrence: One-time
Category: Reallocation

Funding Source: Improvement
Project Considered: N/A
Originator: Domingo Cortez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 36,172	\$ -	\$ -	\$ -	\$ -	\$ 36,172

Description: The caustic soda bulk tank stores 6,650 gallons of liquid caustic soda (hydrogen peroxide). This project will replace the existing unit at Water Plant I. Note: \$36,172 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W2

Gate Valves for Flocculator Section, Valves for Diversion Box for Clarifiers and Drain Valve for Basin A

Organization: 3120 Water Plant I
Project Related to: Replacements/Upgrades/Rehabilitation
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Domingo Cortez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 235,000	\$ -	\$ -	\$ -	\$ -	\$ 235,000

Description: The corroded flocculator and diversion box valves do not open or close completely. The drain valve for basin A is hard to open and close when draining the basin. All the valves are over 25 years old.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W3

Access Control and Facility Cameras

Organization: 3120 Water Plant I	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Domingo Cortez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 156,000	\$ -	\$ -	\$ -	\$156,000

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 in safety and security such as monitoring illegal entry or suspicious activities.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W4

High Service Pump No. 5 – Pump and Motor

Organization: 3120 Water Plant I	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Load/Capacity Relief
Project Occurrence: One-time	Originator: Domingo Cortez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 592,308	\$1,000,000	\$ -	\$ -	\$1,592,308

Description: The current high service pump is over 30 years old and would be more cost effective to replace the entire unit.

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.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W5

Two Flocculator Units (replace existing units)

Organization: 3120 Water Plant I	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Domingo Cortez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 46,800	\$ -	\$ -	\$ -	\$ -	\$ 46,800

Description: The current flocculator units have reached the end of their lifecycle and will be replaced with new units.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W6

Drain Valves for the Drying Lagoons

Organization: 3120 Water Plant I	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Domingo Cortez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 58,500	\$ -	\$ -	\$ -	\$ -	\$ 58,500

Description: Replace four 4-inch drain valves and two 6-inch drain valves. The existing drain valves are not operational.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W7

Replace Influent Valves for 8 Filters

Organization: 3120 Water Plant I	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Domingo Cortez
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 162,500	\$ -	\$ -	\$ -	\$ -	\$162,500

Description: The current influent valves are allowing water to seep through when the valve is closed, due to the deteriorated valve gasket.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W8

Replacement of Rakes for Two Clarifiers (B1 and B2)

Organization: 3120 Water Plant I	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Domingo Cortez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 396,000	\$ 396,000	\$ -	\$ -	\$ -	\$792,000

Description: The current rakes inside the clarifiers are severely corroded and need to be replaced with stainless steel rakes.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W9

Clarifiers drain sludge pump

Organization: 3120 Water Plant I	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Domingo Cortez
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 32,500	\$ -	\$ -	\$ -	\$ -	\$ 32,500

Description: The existing sludge pump for the clarifiers is over 15 years old and is beyond its life cycle.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W10

Installation of New Caustic Soda Feed System

Organization: 3130 Water Plant II	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Jose Garza
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 226,493	-	-	-	-	\$226,493

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. Note: \$109,567 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W11

Water Plant No. 2 Roofing

Organization: 3130 Water Plant II	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Jose A. Garza
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 139,200	\$ -	\$ -	\$ -	\$ -	\$139,200

Description: The water plant has experienced rainwater penetrating through the roof and damaging several chemical feed pumps and has removed paint from filter wing floors.

Project Cost Savings & Revenues: The risk factors associated with this issue is the possibility of rain water damaging equipment needed to treat the water which would lead to a plant shut down.

PROJECT REFERENCE W12

Aeration Structure Rehabilitation

Organization: 3130 Water Plant II	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Jose A. Garza
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 75,000	\$ 300,840	\$ -	\$ -	\$ -	\$375,840

Description: This project consists of the rehabilitation of Water Plant No. 2’s aeration basins. There are signs of deterioration in the aerator basin with visible cracks and exposed rebar in areas. The aerator basins are essential to the water treatment process; they aerate and transport raw water to the rapid mixer chamber for chemical addition.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W13

Resaca Raw Water Pumping Station

Organization: 3130 Water Plant II	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Jacob Galvan
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 150,000	\$ 462,750	\$ -	\$612,750

Description: Purchase and installation of two raw water pumps with variable frequency drive (VFD). The pumps need to have a capacity of 10 million gallons per day each.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W14

Replacement of 6-inch Waterline

Organization: 3130 Water Plant II	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Jacob Galvan
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 85,963	\$ -	\$ -	\$ -	\$ -	\$ 85,963

Description: This project will consist of the installation of the new 6” waterline, which provides potable water to the facility.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W15

Water New Connections

Organization: 3150 W/WW Operations & Construction

Funding Source: Commercial Paper and Improvement

Project Related to: Growth

Project Considered: Must Do

Project Occurrence: Recurring

Originator: Armando Garcia

Category: Routine

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 654,490	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$3,254,490

Description: The project accounts for BPUB costs to implement new water connections for future customers requesting service. Note: \$4,490 is the FY 2018 carryover amount from the Improvement Fund.

Project Cost Savings & Revenues: Work effort adds additional connections to the system.

PROJECT REFERENCE W16

Water Distribution System Valve Replacement Project – Board-approved on 10/10/16

Organization: 3150 W/WW Operations & Construction

Funding Source: Improvement

Project Related to: Replacements/Upgrades/Rehabilitation

Project Considered: Reliability

Project Occurrence: One-time

Originator: Armando Garcia

Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 79,849	\$ -	\$ -	\$ -	\$ -	\$ 79,849

Description: Replace approximately 60 inoperable waterline valves ranging in sizes from 4” to 16”.
Note: \$79,849 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Reduction of labor costs to perform leak repairs.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W17

Water Meter Vault Replacement Project

Organization: 3150 W/WW Operations & Construction
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Commercial Paper
 Project Considered: Must Do
 Originator: Armando Garcia

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000

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 needing to be pumped out for maintenance and performing monthly meter reads.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W18

Valve Replacement Project Phase 2

Organization: 3150 W/WW Operations & Construction
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Commercial Paper
 Project Considered: Must Do
 Originator: Armando Garcia

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 250,000	\$ 250,000	\$ -	\$ -	\$500,000

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.

Project Cost Savings & Revenues: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W19

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: General
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 546,893	\$ -	\$ -	\$ -	\$ -	\$546,893

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2018. Projects includes the wastewater line inspections for subdivisions throughout the city and other wastewater utility projects. Note: \$546,893 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W20

FM 802 Water Main Loop - engineering phase

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 13,083	\$ -	\$ -	\$ -	\$ -	\$ 13,083

Description: This line item is the engineering phase of the water main loop on FM 802 (Ruben M. Torres Boulevard) from Woodstone Drive through Coffeepoint Road. Note: \$13,083 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W21

W 5th Street Water Main Loop - engineering phase

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 18,947	\$ -	\$ -	\$ -	\$ -	\$ 18,947

Description: This line item is the engineering phase of the water main loop starting on West 5th Street by the railroad tracks to West Fronton Street. Note: \$18,947 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W22

South Old Alice Rd and Sunset Dr Utility Improvements - engineering phase

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 19,280	\$ -	\$ -	\$ -	\$ -	\$ 19,280

Description: This line item is the engineering phase of the water utility improvements on South Alice Road by Boca Chica Boulevard to Sunset Drive. Note: \$19,280 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W23

Tara Place, Dix Drive and Hacienda Lane Utility Improvements - engineering phase

Organization: 3310 Water & Wastewater Engineering	Funding Source: Improvement
Project Related to: Replacement/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Reallocation	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 20,514	\$ -	\$ -	\$ -	\$ -	\$ 20,514

Description: This line item is the engineering phase of the water utility improvements on Tara Place, Dix Drive and Hacienda Lane by La Feria Road. Note: \$20,514 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W24

Los Ebanos Blvd Utility Improvements (between East Drive and Honeydale Road) - engineering phase

Organization: 3310 Water & Wastewater Engineering	Funding Source: Improvement
Project Related to: Replacement/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Reallocation	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 20,696	\$ -	\$ -	\$ -	\$ -	\$ 20,696

Description: This line item is the engineering phase of the water utility improvements on West Los Ebanos Boulevard between East Drive and Honeydale Road. Note: \$20,696 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
 FY 2019 – FY 2023

PROJECT REFERENCE W25

Gabriel Street Water Service Line Crossings

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 76,604	\$ -	\$ -	\$ -	\$ -	\$ 76,604

Description: This project will replace the one-inch service line crossings on Gabriel Avenue between Joseph Avenue and Cesar Lane. Note: \$76,604 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W26

Greenbriar Avenue Water Improvements - design phase

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 10,279	\$ -	\$ -	\$ -	\$ -	\$ 10,279

Description: This line item is the engineering phase of the water utility improvements on Greenbriar Avenue. Note: \$10,279 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W27

Brownsville Airport Terminal Project

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 8,788	\$ -	\$ -	\$ -	\$ -	\$ 8,788

Description: This line item is the inspection services associated with the water utility improvements at the City of Brownsville Airport Terminal. Note: \$8,788 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W28

Waterline extension for Water Plant 2 - Board-approved on 03/16/18

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

Description: Extend 960 feet of 6-inch waterline at Water Plant II. Note: \$100,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W29

Pumping and Treatment Apparatus Equipment, Board-approved on 11/13/17

Organization: 3310 Water & Wastewater Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,000,000	\$ -	\$ -	\$ -	\$ -	\$1,000,000

Description: This item is the purchase and installation of pumping and treatment apparatus equipment throughout the City of Brownsville. Note: \$1,000,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W30

Waterline Upgrade on Southmost Blvd. from EST 4 to Lima St.

Organization: 3310 Water & Wastewater Engineering	Funding Source: Impact Fees
Project Related to: Growth	Project Considered: Load/Capacity Relief
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 50,000	\$ 200,000	\$ -	\$ -	\$ -	\$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 to the east water system, as identified in the Master Plan, on Southmost Boulevard from the Elevated Storage Tank (EST) No. 4 site to Lima Street.

Project Cost Savings & Revenues: Since deteriorated AC lines typically require more maintenance/repair, there will be less O&M costs after replacement.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W31

Waterline Upgrade near WTP No. 1

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: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 500,000	\$ 521,000	\$ -	\$ -	\$ -	\$1,021,000

Description: Upgrade approximately 1,600 linear feet of 12-inch diameter waterline to 30-inch diameter waterline along W. 13th Street from Water Plant No. 1 to West Saint Charles Street to increase water distribution capacity during future peak flow demand.

Project Cost Savings & Revenues: Since deteriorated AC lines typically require more maintenance/repair, there will be less O&M costs after replacement.

PROJECT REFERENCE W32

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: Resubmission

Funding Source: Impact Fees
 Project Considered: Load/Capacity Relief
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,189,472	\$1,360,800	\$ -	\$ -	\$ -	\$2,550,272

Description: Construction of a new 16-inch diameter PVC waterline approximately 13,882 linear feet in length on the northwest part of the water distribution system to meet future demand. Note: \$140,946 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W33

Concrete Steel Cylinder Waterline Upgrade from Boca Chica Blvd. (SH48) to WTP No. 2

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: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 200,000	\$ -	\$ -	\$1,263,000	\$1,463,000

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.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W34

24-inch Waterline Loop along FM 511 from SRWA to Old Port Isabel Rd. - Design Phase

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Impact Fees
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 100,000	\$ -	\$1,000,000	\$1,268,000	\$2,368,000

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.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W35

Estimated carryover project amount

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Carryover

Funding Source: Commercial Paper
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 66,190	\$ -	\$ -	\$ -	\$ -	\$ 66,190

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2018. Projects include water utility improvements on Ringgold and Roosevelt Street as well as other water utility projects. Note: \$66,190 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W36

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: New

Funding Source: Commercial Paper
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

Description: The project involves replacement of AC water mains and service connections with PVC water mains and service connections with new valves due to the City's Street Reconstruction five-year plan.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W37

Rotating Equipment Replacements at Various Water Treatment Plants

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 200,000	\$ 300,000	\$ 300,000	\$ -	\$800,000

Description: Replace various rotating equipment at the South Wastewater Treatment Plant and the North Wastewater Treatment Plant, including aeration blowers, effluent water pumps, and associated pipes, valves, etc.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W38

Water Treatment Plant No. 2 Aeration Tanks Replacement

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 200,000	\$ 300,000	\$ 300,000	\$ -	\$800,000

Description: Replace two aeration concrete tanks at Water Treatment Plant No. 2.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W39

Water Distribution Systems Repairs, Rehabilitations, and Upgrades

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 200,000	\$ 300,000	\$ 300,000	\$ -	\$800,000

Description: Various repair, rehabilitation, and upgrade projects system wide.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W40

Water Treatment Plant Repairs, Rehabilitations, and Upgrades

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ -	\$750,000

Description: Various repair, rehabilitation, and upgrade projects at the water treatment plants.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W41

EST No. 8 – Two Million Gallon Elevated Storage Tank to Replace the Southmost Elevated Storage Tank

Organization: 3310 Water & Wastewater Engineering	Funding Source: Commercial Paper and Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$3,897,064	\$ -	\$ -	\$ -	\$ -	\$3,897,064

Description: Design and engineering of a two million gallon elevated storage tank to replace the elevated storage tank on Southmost Road. Note: \$97,064 is the FY 2018 carryover amount from the Improvement Fund; and \$3,800,000 is the FY 2018 carryover amount from the Improvement Fund.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W42

New Raw Water River Intake Facility

Organization: 3310 Water & Wastewater Engineering	Funding Source: Commercial Paper
Project Related to: Replacement/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 150,000	\$ 500,000	\$ 500,000	\$2,500,000	\$3,650,000

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.

Project Cost Savings & Revenues: Minimal down time and minimal expenditures on parts and O&M.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W43

Gazelle Street Utility Improvements

Organization: 3310 Water & Wastewater Engineering Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Must Do
 Project Occurrence: One-time Originator: Juan Bujanos
 Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 359,389	\$ -	\$ -	\$ -	\$ -	\$359,389

Description: Replacements of AC water mains and service connections with PVC water mains and service connections with new valves due to the City’s Street Reconstruction Five-Year Plan. Note: \$116,489 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Since AC lines historically leak/break with time, water mains and service connections replaced with PVC lines along with new valves reduce O&M costs

PROJECT REFERENCE W44

North Street Utility Improvements

Organization: 3310 Water & Wastewater Engineering Funding Source: Commercial Paper
 Project Related to: Replacement/Upgrade/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Juan Bujanos
 Category: Resubmission

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 75,000	\$ 268,381	\$ -	\$ -	\$ -	\$343,381

Description: This project is for the replacement of AC water line with PVC waterline on North Street from Boca Chica Boulevard to Rockwell Drive.

Project Cost Savings & Revenues: The replacement of these items with PVC lines will reduce the need for maintenance and O&M costs.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W45

South Iowa Utility Improvements

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 75,000	\$ 75,000	\$ 197,685	\$ -	\$ -	\$347,685

Description: This project is for the replacement of AC waterlines with PVC waterline on South Iowa Avenue from Billy Mitchell Boulevard to Boca Chica Boulevard.

Project Cost Savings & Revenues: The replacement of these items with PVC lines and new valves and services will reduce the need for maintenance and O&M costs.

PROJECT REFERENCE W46

Southmost Blvd Utility Improvements

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrade/Rehabilitation
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 100,000	\$ 269,434	\$ 269,433	\$ -	\$638,867

Description: This project is for the replacement of AC waterlines with PVC waterline on Southmost Boulevard from International Boulevard to 14th Street.

Project Cost Savings & Revenues: The replacement of these items with PVC lines and new valves and services will reduce the need for maintenance and O&M costs.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W47

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: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 240,000	\$1,306,000	\$1,546,000

Description: Install approximately 12,698 linear feet of new 18-inch diameter waterline to meet required water system pressure to meet future demand along FM 1732

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W48

16-inch Waterline on Boca Chica Blvd from International Blvd to Owens Rd

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Commercial Paper
 Project Considered: Load/Capacity Relief
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 748,000	\$ -	\$748,000

Description: Upgrade an existing 12-inch AC waterline to 16-inch PVC to provide required minimum pressure to the east system.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W49

Martinal Area Waterline System Loops

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Commercial
 Project Considered: General
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 115,000	\$ -	\$ -	\$1,000,000	\$1,115,000

Description: Design and construction of proposed waterlines to close loops within the water system between the areas of Old Port Isabel Road and Boca Chica Boulevard along FM 802.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W50

Waterline Upgrade on Southmost Blvd from E 14th St to E 25th St

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Commercial
 Project Considered: Load/Capacity Relief
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 575,000	\$1,000,000	\$1,575,000

Description: Upgrade an existing 12-inch AC waterline to a 16-inch and 18-inch diameter PVC waterline to meet water distribution capacity required for future peak flow demand.

Project Cost Savings & Revenues: Since deteriorated AC lines typically require more maintenance/repair, there will be less O&M costs after replacement.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W51

Waterline Upgrade on Southmost Blvd from E 25th St to E 30th St

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Load/Capacity Relief
Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 758,000	\$ -	\$ -	\$ -	\$758,000

Description: Upgrade an existing 12-inch AC waterline to an 18-inch diameter PVC waterline to meet water distribution capacity required for future peak flow demand.

Project Cost Savings & Revenues: Since deteriorated AC lines typically require more maintenance/repair, there will be less O&M costs after replacement.

PROJECT REFERENCE W52

12-inch Waterline West of Hwy 77

Organization: 3310 Water & Wastewater Engineering
Project Related to: Growth
Project Occurrence: One-time
Category: Resubmission

Funding Source: Commercial Paper
Project Considered: Load/Capacity Relief
Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ -	\$1,345,000	\$1,345,000

Description: Install approximately 7,470 linear feet of new 12-inch diameter waterline construction west of Highway 77 to help meet water distribution capacity and pressures during future peak flow demand.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W53

16-inch Waterline Loop along FM 511 from SH 48 to Boca Chica Blvd

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Commercial Paper
 Project Considered: Load/Capacity Relief
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 100,000	\$ -	\$ -	\$1,400,000	\$1,500,000

Description: Install approximately 14,357 linear feet of 16-inch waterline to extend BPUB’s transmission waterline loop to the southeastern part of the city. It will connect to future BPUB and El Jardin Water Supply Corporation water systems providing improved water pressure, allowing the system to meet future demand.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE W54

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: Load/Capacity Relief
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 894,000	\$ -	\$ -	\$894,000

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.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE W55

16-inch Waterline 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
 Project Considered: Load/Capacity Relief
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$1,850,000	\$ -	\$ -	\$1,850,000

Description: Upgrade the existing 12-inch AC waterline to 16-inch PVC waterline to meet expected demand.

Project Cost Savings & Revenues: Since deteriorated AC lines typically require more maintenance/repair, there will be less O&M costs after replaced.

PROJECT REFERENCE W56

Carryover and Estimated Capital Equipment

Organization: 9110 Company-wide Expenses
 Project Related to: Growth
 Project Occurrence: One-time
 Category: New & Carryover

Funding Source: Improvement
 Project Considered: Load Capacity
 Originator: Company wide

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 467,380	\$ -	\$ -	\$ -	\$ -	\$467,380

Description: This line item is the budget for the carryover capital equipment for the water utility, which includes the purchase of vehicles and other equipment. Note: \$467,380 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW1

W/WW SCADA Yard Communication Tower

Organization: 2210 SCADA & Electrical Support Services
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Elias Quintero

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 150,000	\$ 100,000	\$ -	\$ -	\$250,000

Description: Design, purchase and implementation of a communication tower for the Water/Wastewater SCADA System at the BPUB Yard next to the existing SCADA communication tower.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW2

W/WW SCADA/Lift Station Integration

Organization: 2210 SCADA & Electrical Support Services
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Resubmission

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Elias Quintero

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$100,000

Description: Install remote terminal units to integrate the wastewater lift stations into the Water/Wastewater SCADA system.

Project Cost Savings & Revenues: Wastewater Lift Station mechanics and electricians will proactively identify potential problems.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW3

Wastewater New Connections

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

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$2,250,000

Description: This project accounts for BPUB costs to implement wastewater new connections to future customers requesting service.

Project Cost Savings & Revenues: Work effort adds additional connections to system.

PROJECT REFERENCE WW4

Blower Building No. 1 Roof Replacement

Organization: 3210 South Wastewater Treatment Plant
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Commercial Paper
 Project Considered: Reliability
 Originator: Jose G. Ibarra Jr.

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 32,500	-	-	-	-	\$ 32,500

Description: Existing flat gravel roof is over 25 years old and in need of replacement due to leaking water during rain events. Staff is proposing to replace roof as needed to ensure the safety of employees and to protect processing equipment from future breakdowns. Existing roof system houses electrical controls that supply power to the process equipment (Blowers 1, 2, 3) for Aeration Basin No. 1.

Project Cost Savings & Revenues: New replacement roof will improve blower building, allowing treatment plant process to respond with better treatment capabilities, resulting in lower cost for treatment per million gallons processed.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW5

Chlorine Contact Chamber Sluice Gate Replacement Project

Organization: 3210 South Wastewater Treatment Plant	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Jose G. Ibarra Jr.
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 130,000	\$ -	\$ -	\$ -	\$130,000

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. Staff is proposing to install new sluice gates with new valve actuators with back-up batteries.

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.

PROJECT REFERENCE WW6

Concrete Slab Rehabilitation for Roll-Off Bins

Organization: 3210 South Wastewater Treatment Plant	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Jose G. Ibarra Jr.
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 83,500	\$ -	\$ -	\$ -	\$ 83,500

Description: Rehabilitate concrete slab/wheel runners with stainless steel imbedded runners. Existing concrete foundation has wear and tear on the wheel runner area. Concrete is also breaking around expansion joint area due to bins being rolled back and forth over expansion joints.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW7

Non-Potable Pump and Motor No. 1

Organization: 3210 South Wastewater Treatment Plant	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Jose G. Ibarra Jr.
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 43,050	\$ -	\$ -	\$ -	\$ 43,050

Description: Staff is recommending replacing/upgrading outdated non-potable pump and motor no. 1. Existing pump and motor have exceeded its life expectancy.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW8

Effluent River Pump and Motor No. 3

Organization: 3210 South Wastewater Treatment Plant	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Jose G. Ibarra Jr.
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 215,250	\$ -	\$ -	\$ -	\$215,250

Description: Staff is recommending replacing/upgrading outdated effluent river pump and motor no. 3. Existing pump and motor have exceeded its life expectancy.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW9

Aeration Blower and Motor No. 1

Organization: 3210 South Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 184,500	\$ -	\$ -	\$ -	\$184,500

Description: Staff is recommending replacing/upgrading outdated blower and motor no. 1. Existing blower and motor have exceeded its life expectancy. .

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW10

Digester Blowers 18 – 20

Organization: 3210 South Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 313,650	\$ -	\$ -	\$ -	\$313,650

Description: Staff is recommending replacing/upgrading outdated blowers and motors no. 18-20. Existing blowers and motors have exceeded its life expectancy.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW11

Evaluation, Design and Construction of High Efficient Turbo Blowers with Auto Dissolved Oxygen Control

Organization: 3210 South Wastewater Treatment Plant Funding Source: Improvement
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 661,500	\$ 301,350	\$ 301,350	\$ -	\$1,264,200

Description: Department staff will coordinate with the Water and Wastewater Engineering Department to conduct an evaluation on the outdated blower system for replacement/upgrade to a more efficient dissolved oxygen transfer system.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW12

Ultraviolet Light Canopy Project - Engineering Phase

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Improvement
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 24,336	\$ -	\$ -	\$ -	\$ -	\$ 24,336

Description: Ultraviolet (UV) light promotes the growth of algae. A canopy cover system will minimize the sunlight exposure to the UV light station and reduce algae growth. This line item is for the engineering phase of this project. Note: \$24,336 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW13

Ultraviolet Light Canopy Project - Construction Phase

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 440,000	\$ -	\$ -	\$ -	\$440,000

Description: Ultraviolet (UV) light promotes the growth of algae. A canopy cover system will minimize the sunlight exposure to the UV light station and reduce algae growth. This line item is for the construction phase of this project.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW14

One New Grit Pump for the Eutek Head Cell Grit Pumping Station

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Improvement
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Resubmission

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 1,442	\$ -	\$ -	\$ -	\$ -	\$ 1,442

Description: Purchase one new grit pump for the Eutek Headcell grit pump station. Existing system used two pumps that automatically alternate. Recent break down due to normal wear and tear required replacement of the two pumps at the same time, leaving the system out of service. Down time is critical to daily operations. Staff is proposing to purchase a new pump for this station that will serve as a back-up to minimize future down time as flow increases. Note: \$1,442 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: New replacement pump will improve pump station efficiency allowing the treatment plant process to respond with better treatment capabilities thus resulting in a lower cost for treatment per million gallons processed.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW15

Replacement/Construction of New Concrete Marquee Sign

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Resubmission

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 34,800	\$ -	\$ -	\$ -	\$ 34,800

Description: Demolish existing marquee and construct a new concrete marquee sign in front of the main Robindale Wastewater Treatment Plant entrance.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW16

Blower Building No. 1 Roof Replacement

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Resubmission

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 40,050	-	-	-	-	\$ 40,050

Description: Replace the existing flat gravel roof due to water or moisture leaking inside of the building during any type of precipitation. Existing building’s roof system houses electrical motor control center that supplies power to some critical process equipment. In an event that water or moisture would reach inside of these electrical components of the motor control center, down time would be critical to daily operations.

Project Cost Savings & Revenues: New replacement roof system will improve blower building allowing the treatment plant process to respond with better treatment capabilities thus resulting in a lower cost for treatment per million gallons processed. It will also prevent fines from TCEQ resulting from any non-compliance violations due to equipment failures.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW17

Four Torque Valve Actuators for the Train Inlet Isolation Valves

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Resubmission

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 60,890	\$ -	\$ -	\$ -	\$ 60,890

Description: Purchase and install four new torque valve actuators for the main inlet isolation valves (for train no. 1 through 4).

Project Cost Savings & Revenues: Valve actuators replacement will result in time savings, allowing staff to increase productivity.

PROJECT REFERENCE WW18

Nitrification Control System Phase I Implementation (for Train No. 3 & 4)

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Resubmission

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 188,500	\$ -	\$ -	\$188,500

Description: Optimize the Modified Ludzack-Ettinger (MLE) process at the Robindale Wastewater Treatment Plant to become more efficient and save energy by adding a nitrification controller automated monitoring system of real time nitrification. Phase I would implement the installation of the nitrification control system in train no. 3 and no.4 that would cover 50% of the treatment process.

Project Cost Savings & Revenues: New nitrification control system will improve plant treatment efficiency allowing for optimization. The treatment plant process will respond with better treatment capabilities thus resulting in a lower electrical cost from air blower demand.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW19

Belt Filter Press Dewatering Station

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Resubmission

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 315,000	\$1,814,000	\$1,814,000	\$3,943,000

Description: Design and build a new dewatering station to house two belt filter press units, new pumping system, new polymer feed system, and new overhead stationary conveyor system to properly fill roll-off containers. The new structure will serve to protect operators from the elements and help promote and preserve the life of the dewatering equipment.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW20

North Wastewater Treatment Plant Admin Building Improvements – Approved on 07/10/2017

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Improvement
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: General
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 395,593	\$ -	\$ -	\$ -	\$ -	\$395,593

Description: The building is in need of major repairs. Replace roof and external siding with sheetrock and trimming and the existing heat, venting and air conditioning system with a new system. Note: \$14,011 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW21

Purchase and Installation of 4 Each Mag RAS Meter Replacements

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Improvement
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: Reallocation

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 30,879	\$ -	\$ -	\$ -	\$ -	\$ 30,879

Description: Purchase and install 4 each Siemens Mag RAS meters to replace existing units. Note: \$30,879 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW22

Blowers for Aerobic Digesters (4 Each)

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 209,100	\$ 209,100	\$ -	\$ -	\$ -	\$418,200

Description: Replace existing blowers, which were overhauled several times since 1995.

Project Cost Savings & Revenues: Increased efficiency, allowing the treatment plant process to respond with better treatment capabilities and lower costs for treatment per million gallons processed.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW23

Non-Potable Water Pump and Motor No. 1

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Improvement
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 30,750	\$ -	\$ -	\$ -	\$ 30,750

Description: Replace non-potable water pump and motor for pump no.1. Existing pump is leaking, vibrating, and has considerable amount of rust.

Project Cost Savings & Revenues: Proper operation of non-potable water system will significantly cut down the use and increase savings in water consumption cost.

PROJECT REFERENCE WW24

Repair / Replace Concrete Slab for 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: Jose G. Ibarra Jr.
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 83,850	\$ -	\$ -	\$ -	\$ -	\$ 83,850

Description: Replace concrete runners with an imbedded metal plate to reduce wear and tear of concrete slab and metal wheels on containers.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW25

Three Each 25-yard Bio-Solids Metal Roll-off Bins Addition

Organization: 3220 Robindale Wastewater Treatment Plant Funding Source: Improvement
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Jose G. Ibarra Jr.
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 31,100	\$ -	\$ -	\$ -	\$ -	\$ 31,100

Description: Purchase and addition of three 25-yard metal roll-off bins used for everyday bio-solids transportation and disposal. Existing BPUB roll-off trucks will use these bins.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW26

Lift Station No. 6 and 108 Improvements

Organization: 3230 Wastewater Lift Stations Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Must Do
 Project Occurrence: One-time Originator: Noe C. Hernandez
 Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 61,382	\$ -	\$ -	\$ -	\$ -	\$ 61,382

Description: Complete lift station rehabilitation of Lift Station No. 6 and 108, including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway. Note: \$61,382 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW27

Lift Station No. 130 Fence Replacement

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 222,261	\$ -	\$ -	\$ -	\$ -	\$222,261

Description: Construct 175 linear feet of cinder block fence to replace current deteriorating and unsafe fence. Cinder block will meet homeowner’s association standards and requirements at location for fencing. Note: \$222,261 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW28

LS 45 Relocation Project – Construction Contract

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 316,358	\$ -	\$ -	\$ -	\$ -	\$316,358

Description: Demolition, relocation and reconstruction of Lift Station No. 45, including the installation of 1,380 linear feet of force main, 128 linear feet of 15” PVC gravity sewer main and 519 linear feet of 2” PVC water line. Note: \$316,358 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW29

Lift Station General Pump Replacements

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 71,000	\$ -	\$ -	\$ -	\$ 71,000

Description: Purchase new submersible wastewater non-clog pumps to replace outdated pumps throughout the lift station system, as required throughout the fiscal year.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW30

Lift Station No. 44 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 19,008	\$ -	\$ -	\$ -	\$ 500,000	\$ 519,008

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, such as a new perimeter fence and entrance driveway, to bring the lift station into compliance with current specifications and regulations. Note: \$19,008 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW31

Lift Station No. 63 MCC Building Replacement

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 2,182	\$ -	\$ -	\$ -	\$ 520,000	\$522,182

Description: 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. Note: \$2,182 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW32

Lift Station No. 68 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 18,962	\$ -	\$ -	\$ 500,000	\$ -	\$518,962

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 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, such as a new perimeter fence and entrance driveway, to bring the lift station into compliance with current specifications and regulations. Note: \$18,962 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW33

Lift Station No. 69 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 18,347	\$ -	\$ -	\$ -	\$ 500,000	\$518,347

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 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: \$18,347 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW34

Lift Station No. 72 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 150,000	\$ 675,000	\$ -	\$ -	\$ -	\$825,000

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 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.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW35

Lift Station No. 95 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 150,000	\$ 545,000	\$ -	\$ -	\$ -	\$695,000

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 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.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW36

Lift Station No. 9 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 83,000	\$ 500,000	\$ -	\$ -	\$ -	\$583,000

Description: Existing pumps are at the end of life cycle and unreliable. New pumps will be submersible and non-clog. Also, complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway. Note: \$70,646 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: The project’s completion will yield O&M cost savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW37

Lift Station No. 10 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$250,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway

Project Cost Savings & Revenues: The project’s completion will yield O&M cost savings.

PROJECT REFERENCE WW38

Lift Station No. 11 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$250,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: The project’s completion will yield O&M cost savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW39

Lift Station No. 12 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 500,000	\$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 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.

Project Cost Savings & Revenues: The project’s completion will yield O&M cost savings.

PROJECT REFERENCE WW40

Lift Station No. 13 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 450,000	\$650,000

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 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.

Project Cost Savings & Revenues: The project’s completion will yield O&M cost savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW41

Lift Station No. 15 Turbulence Reduction

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 169,000	\$ -	\$ -	\$ -	\$ -	\$169,000

Description: High wastewater turbulence leads to a higher rate of hydrogen sulfide and strip from the wastewater into the ambient air locally, which causes corrosion and foul odors in the system. Modification to the receiving manholes and force main outfall at the lift station will reduce corrosion and foul odor generation.

Project Cost Savings & Revenues: With less hydrogen sulfide gas generation, there will be less odor control necessary, thereby generating savings in that area.

PROJECT REFERENCE WW42

Lift Station No. 17 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 150,000	\$ 500,000	\$ -	\$ -	\$ -	\$650,000

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 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.

Project Cost Savings & Revenues: The project’s completion will yield O&M cost savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW43

Lift Station No. 23 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 495,000	\$695,000

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 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.

Project Cost Savings & Revenues: The project’s completion will yield O&M cost savings.

PROJECT REFERENCE WW44

Lift Station No. 28 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW45

Lift Station No. 43 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW46

Lift Station No. 47 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW47

Lift Station No. 51 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW48

Lift Station No. 53 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 495,000	\$695,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW49

Lift Station No. 58 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW50

Lift Station No. 63 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 164,936	\$ 400,000	\$ 400,000	\$ -	\$ -	\$964,936

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway. Note: \$64,936 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Minimal down time and O&M cost savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW51

Lift Station No. 65A Pump Replacement

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 62,000	\$ -	\$ -	\$ -	\$ -	\$ 62,000

Description: Replace the existing pump with a new submersible wastewater non-clog pump. Note: \$49,218 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Minimal down time and O&M cost savings.

PROJECT REFERENCE WW52

Lift Station No. 65B Pump Replacement

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 82,000	\$ -	\$ -	\$ -	\$ 82,000

Description: Replace an existing pump with a new submersible wastewater non-clog pump.

Project Cost Savings & Revenues: Minimal down time and O&M cost savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW53

Lift Station No. 67 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW54

Lift Station No. 77 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 495,000	\$695,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW55

Lift Station No. 80 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW56

Lift Station No. 82 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 495,000	\$695,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW57

Lift Station No. 85 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 495,000	\$695,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW58

Lift Station No. 89 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$400,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW59

Lift Station No. 96 Decommission and Wastewater Line Installation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$400,000

Description: Decommission the lift station through installation of required sanitary sewer main and complete removal, demolition, and proper abandonment of the lift station.

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.

PROJECT REFERENCE WW60

Lift Station No. 99 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW61

Lift Station No. 101 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW62

Lift Station No. 102 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 600,000	\$800,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW63

Lift Station No. 103 Decommission and Wastewater Line Installation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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.

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.

PROJECT REFERENCE WW64

Lift Station No. 105 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$400,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW65

Lift Station No. 106 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$500,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

PROJECT REFERENCE WW66

Lift Station No. 113 Rehabilitation

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ 200,000	\$ 500,000	\$700,000

Description: Complete lift station rehabilitation including: wet well rehabilitation/replacement; replacement of corroded piping, fitting, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway.

Project Cost Savings & Revenues: Minimal down time and minimal expenses on parts.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW67

Lift Station No. 159 MCC Building Replacement

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$300,000

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.

Project Cost Savings & Revenues: Minimal equipment breakdowns and repair costs.

PROJECT REFERENCE WW68

South to North Wastewater Reroutes – Lift Station No. 4 Force Main

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Load/Capacity Relief
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 100,000	\$ 575,000	\$ 690,000	\$ -	\$1,365,000

Description: Wastewater flows toward the south system; and there is no infrastructure to transfer them to the north system. Lift Station No. 4 force main installation will reroute flows to the north system.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW69

South to North Wastewater Reroutes – Lift Station No. 20, 22 and 27 Valve Reconfigurations

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Load/Capacity Relief
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	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.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW70

South to North Wastewater Reroutes – Lift Station No. 33 and Force Main Upgrade

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Load/Capacity Relief
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 500,000	\$1,000,000	\$1,000,000	\$2,500,000

Description: Wastewater flows toward the south system; and there is no infrastructure to transfer them to the north system. Lift Station No. 33 and force main upgrade will reroute flows to the north system.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW71

Lift Station No. 41 Pump Replacement

Organization: 3230 Wastewater Lift Stations	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 148,000	\$ -	\$ -	\$148,000

Description: Replace the existing pump with a new submersible wastewater non-clog pump.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW72

Lift Station Rehabilitations, Board-approved on 11/13/17

Organization: 3230 Wastewater Lift Stations	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Noe C. Hernandez
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,000,000	\$ -	\$ -	\$ -	\$ -	\$1,000,000

Description: Rehabilitate lift stations, as needed. Note: \$1,000,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
 FY 2019 – FY 2023

PROJECT REFERENCE WW73

Pumping and Treatment Apparatus Equipment, Board-approved on 11/13/17

Organization: 3230 Wastewater Lift Stations Funding Source: Improvement
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Must Do
 Project Occurrence: One-time Originator: Noe C. Hernandez
 Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,000,000	\$ -	\$ -	\$ -	\$ -	\$1,000,000

Description: Replace existing pumping and treatment apparatus equipment, as needed. Note: \$1,000,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW74

North Regional Lift Stations and Force Main System - Phase 1

Organization: 3230 Wastewater Lift Stations Funding Source: Impact Fees
 Project Related to: Growth Project Considered: Load/Capacity Relief
 Project Occurrence: One-time Originator: Noe C. Hernandez
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 600,000	\$1,500,000	\$1,000,000	\$ -	\$ -	\$3,100,000

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.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW75

North Regional Lift Stations and Force Main System – Phase 2

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: Noe C. Hernandez

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$1,100,000	\$1,000,000	\$ -	\$2,100,000

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.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW76

Estimated miscellaneous carryover project

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: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 40,769	\$ -	\$ -	\$ -	\$ -	\$ 40,769

Description: Carryover projects include wastewater line inspections for subdivisions throughout the city and other wastewater utility projects. Note: \$40,769 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW77

North and South Colonias Project Design

Organization: 3310 Water & Wastewater Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 150,000	\$ 150,000	\$ -	\$ -	\$ -	\$ 300,000

Description: This project is for the construction and addition of first-time sewer services to various colonias in the North and South areas of Brownsville. This funding is for the design and surveying portion of this project. Note: \$150,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW78

Clay Sewer Replacements Related to City Street Paving and Drainage Improvement Projects

Organization: 3310 Water & Wastewater Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Juan Bujanos
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Description: The project involves replacement of clay wastewater gravity mains and service laterals and concrete manholes with PVC wastewater mains and service laterals and fiberglass manholes due to the City’s Street Reconstruction Five-Year Plan.

Project Cost Savings & Revenues: Since clay lines historically deteriorate over time, wastewater mains and service connections should be replaced with PVC lines and wastewater manholes with fiberglass manholes, reducing O&M costs.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW79

FM 511 – 802 Colonia Wastewater Improvements Project

Organization: 3310 Water & Wastewater Engineering	Funding Source: Commercial Paper and Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: General
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$118,080	\$ -	\$ -	\$ -	\$ -	\$118,080

Description: This project consists of extending the sanitary sewer infrastructure to the southeast of Brownsville to provide services to first-time users. The project will serve approximately 970 dwellings and will include seven new lift stations. Note: \$50,000 is the FY 2018 carryover amount from the Improvement Fund; and \$68,080 is the FY 2018 carryover amount from Commercial Paper.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW80

Brownsville Airport Terminal Project

Organization: 3310 Water & Wastewater Engineering	Funding Source: Improvement
Project Related to: Replacement/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Reallocation	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 10,903	\$ -	\$ -	\$ -	\$ -	\$ 10,903

Description: Inspect wastewater line improvements proposed for the Brownsville Airport Terminal Project. Note: \$10,903 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW81

Lift Station No. 140

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacements/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: New

Funding Source: Impact Fees
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 100,000	\$ 150,000	\$ -	\$ -	\$ -	\$250,000

Description: Upgrade Lift Station No. 140's capacity to accommodate projected wastewater demand. The project proposes to replace the wet well, mechanical components and electrical components.

Project Cost Savings & Revenues: Reduction of O&M costs.

PROJECT REFERENCE WW82

Palm Village Utility Improvements - engineering phase

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 59,514	\$ -	\$ -	\$ -	\$ -	\$ 59,514

Description: Engineering and design of proposed utility improvements at the Palm Village Plaza between Palm Boulevard and Old Alice Road. Note: \$9,514 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW83

Rentfro Blvd Utility Improvements - engineering phase

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 59,813	\$ -	\$ -	\$ -	\$ -	\$ 59,813

Description: Engineering and design of proposed utility improvements at Rentfro Boulevard between Eastern Boulevard and Shidler Drive. Note: \$9,813 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A.

PROJECT REFERENCE WW84

Los Ebanos Blvd Utility Improvements (between East Drive and Honeydale Road) - engineering phase

Organization: 3310 Water & Wastewater Engineering
 Project Related to: Replacement/Upgrades/Rehabilitation
 Project Occurrence: One-time
 Category: Reallocation

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 55,479	\$ -	\$ -	\$ -	\$ -	\$ 55,479

Description: Engineering and design of proposed utility improvements at Los Ebanos Boulevard between East Drive and Honeydale Road. Note: \$5,479 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW85

Wastewater Collection Systems Repairs, Rehabilitations, and Upgrades

Organization: 3310 Water & Wastewater Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Juan Bujanos
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 50,000	\$ 200,000	\$ -	\$ -	\$ -	\$250,000

Description: Repair, rehabilitate and/or upgrade wastewater collections systems throughout the City of Brownsville.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW86

Sewer Replacements related to the City Street Paving and Drainage Improvement Projects

Organization: 3310 Water & Wastewater Engineering	Funding Source: Improvement
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Juan Bujanos
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 171,400	\$ 250,000	\$ -	\$ -	\$ -	\$421,400

Description: Replace clay wastewater gravity mains, service laterals and concrete manholes with PVC wastewater main, service laterals and fiberglass manholes due to City’s Street Reconstruction Five-Year Plan.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW87

Estimated miscellaneous carryover project

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: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 110,696	\$ -	\$ -	\$ -	\$ -	\$110,696

Description: This line item is the budget for the carryover projects rolled over from Fiscal Year 2018. Projects include inspections of subdivisions and other wastewater line improvements. Note: \$110,696 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE WW88

North Street 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: Juan Bujanos

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 248,697	\$ -	\$ -	\$ -	\$ -	\$248,697

Description: Replace the clay wastewater gravity mains, service laterals and concrete manholes with PVC wastewater mains, service laterals and fiberglass manholes on North Street due to City's Street Reconstruction Five-Year Plan.

Project Cost Savings & Revenues: Reduction of maintenance and O&M costs.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW89

Gazelle Street Utility Improvements

Organization: 3310 Water & Wastewater Engineering Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Must Do
 Project Occurrence: One-time Originator: Juan Bujanos
 Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 422,365	\$ -	\$ -	\$ -	\$ -	\$422,365

Description: Replace the clay wastewater gravity mains, service laterals and concrete manholes with PVC wastewater main, service laterals and fiberglass manholes on Gazelle Street due to City’s Street Reconstruction Five-Year Plan. Note: \$162,625 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Reduction of maintenance and O&M costs.

PROJECT REFERENCE WW90

Vapor Phase Odor Control Design, Bidding and Construction Services (7 lift stations)

Organization: 3310 Water & Wastewater Engineering Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: General
 Project Occurrence: One-time Originator: Juan Bujanos
 Category: Carryover

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$2,915,297	\$ -	\$ -	\$ -	\$ -	\$2,915,297

Description: Provide vapor phase odor control biotrickling filters for seven lift stations throughout the Wastewater Collections System. Note: \$2,915,297 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: Switching from chemical phase to vapor phase will generate cost savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW91

SWWTP Influent Channel Re-Coating and Grit System Upgrade

Organization: 3310 Water & Wastewater Engineering	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Juan Bujanos
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 200,000	\$ -	\$1,000,000	\$ -	\$ -	\$1,200,000

Description: The project involves sandblasting and re-coating the concrete walls of the influent channels at the South Wastewater Treatment Plant as well as upgrading the four grit chambers with a more efficient de-gritting system.

Project Cost Savings & Revenues: The new de-gritting system will require less maintenance as it is more efficient and reliable.

PROJECT REFERENCE WW92

Rotating Equipment Replacements at Various Wastewater Treatment Plants

Organization: 3310 Water & Wastewater Engineering	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Reliability
Project Occurrence: One-time	Originator: Juan Bujanos
Category: New	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 100,000	\$ -	\$ 300,000	\$ 300,000	\$ -	\$700,000

Description: Replace various rotating equipment at the South Wastewater Treatment Plant and the Robindale Wastewater Treatment Plant, which includes the aeration blowers, effluent water pumps, and associated pipes, valves, etc.

Project Cost Savings & Revenues: The equipment replacements will yield O&M savings and reduced system breakdowns.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW93

South Wastewater Treatment Plant Digester Tank Replacements

Organization: 3310 Water & Wastewater Engineering Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Reliability
 Project Occurrence: One-time Originator: Juan Bujanos
 Category: New

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 100,000	\$ 750,000	\$ -	\$ -	\$ -	\$850,000

Description: Replace the digester tanks at the South Wastewater Treatment Plant.

Project Cost Savings & Revenues: The replacements will yield O&M savings and reduced system breakdowns.

PROJECT REFERENCE WW94

Old Port Isabel Road 20-inch Force Main Rehabilitation Project

Organization: 3310 Water & Wastewater Engineering Funding Source: Commercial Paper
 Project Related to: Replacements/Upgrades/Rehabilitation Project Considered: Must Do
 Project Occurrence: One-time Originator: Juan Bujanos
 Category: Resubmission

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ -	\$ 100,000	\$1,205,076	\$1,205,076	\$2,510,152

Description: The analysis, design and construction will upgrade the lift station pumps and force mains from Lift Station No. 9, 41 and 172 to the Robindale Wastewater Treatment Plant.

Project Cost Savings & Revenues: Reducing the pumping pressures will provide energy savings.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW95

FM 802 Gravity Sewer Interceptor

Organization: 3310 Water & Wastewater Engineering	Funding Source: Commercial Paper
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: Must Do
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Resubmission	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$100,000

Description: The current system involves the use of lift stations. The new system eliminates the need of the lift stations by conveyance of wastewater through gravity sewer lines. The project is for the design of the gravity sewer interceptor along FM 802.

Project Cost Savings & Revenues: The project will eliminate the need for O&M for the affected lift stations.

PROJECT REFERENCE WW96

BECC/NADBANK Home Connections Project in FM 511 / FM 802 Colonias Project Areas

Organization: 3310 Water & Wastewater Engineering	Funding Source: Grants
Project Related to: Replacements/Upgrades/Rehabilitation	Project Considered: General
Project Occurrence: One-time	Originator: Juan Bujanos
Category: Carryover	

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$1,221,901	\$ -	\$ -	\$ -	\$ -	\$1,221,901

Description: This project is for the construction of yard-line connections to approximately 465-500 homes in the FM 511 and FM 802 colonias project areas. Note: \$501,662 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE WW97

Carryover and Estimated Capital Equipment

Organization: 9110 Company-wide Expenses
 Project Related to: Growth
 Project Occurrence: One-time
 Category: New & Carryover

Funding Source: Improvement
 Project Considered: Load Capacity
 Originator: Company wide

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$ 710,095	\$ -	\$ -	\$ -	\$ -	\$710,095

Description: This line item is the budget for the carryover capital equipment for the wastewater utility, which include the purchase of vehicles and other equipment. Note: \$710,095 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G28

New Service Center (FM 511), Annex Administration Building and Admin. Bldg Remodel – amendment for furniture, fixtures and other equipment

Organization: 1110 General Manager
 Project Related to: Growth
 Project Occurrence: One-time
 Category: Carryover

Funding Source: Improvement
 Project Considered: Must Do
 Originator: Marie C. Leal

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$2,000,000	\$ -	\$4,000,000	\$ 500,000	\$ -	\$6,500,000

Description: Purchase and install furniture, fixtures and other equipment for the new Service Center and Annex Administration Building and the remodel of the Administration Building. Note: \$2,000,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER
FY 2019 – FY 2023

PROJECT REFERENCE G29

A new Service Center (FM 511)

Organization: 1110 General Manager
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie Leal

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$16,864,000	\$ -	\$ -	\$ -	\$ -	\$16,864,000

Description: Construction for a new Service Center on FM 511. Note: \$16,864,000 is the FY 2018 carryover amount.

Project Cost Savings & Revenues: N/A

PROJECT REFERENCE G30

An Annex Administration Building and Remodeling of the Existing Administration Building

Organization: 1110 General Manager
Project Related to: Growth
Project Occurrence: One-time
Category: Carryover

Funding Source: Commercial Paper
Project Considered: Must Do
Originator: Marie C. Leal

Estimated Costs by Fiscal Year

FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
\$3,000,000	\$15,781,000	\$ -	\$2,100,000	\$ -	\$20,881,000

Description: Construction for a new Annex Administration Building and remodel the existing Administration Building.

Project Cost Savings & Revenues: N/A

CAPITAL BUDGET SUMMARY

Improvement Fund Projects (Fund 400)

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020-2023	FIVE-YEAR TOTAL
ELECTRIC PROJECTS					
DEPARTMENT 2120 - SUBSTATIONS AND RELAYING					
E 1	Elec Trans	Battery Banks Replacement at Loma Alta, Midtown, and Union Carbide Substations	\$ 90,000	\$ -	\$ 90,000
E 2	Elec Trans	138 KV Breakers Replacement at FM 802, Military Hwy, and Waterport Substations	342,819	150,000	492,819
E 3	Elec Trans	Airport Substation, Transformer No. 1 Upgrade, 69 KV to 138 KV	1,500,000	1,200,000	2,700,000
E 4	Elec Trans	Replace Legacy Overcurrent and Transformer Differential Protection Relays	50,000	150,000	200,000
Total for Dept 2120			1,982,819	1,500,000	3,482,819
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT					
E 5	Elec Dist	SCADA (Substations Communications) - Board-approved on 10/10/16 and additional funds on 04/10/17	702,030	-	702,030
E 6	Elec Admin	Fiber Optic for Communication Path from Loma Alta to FM 802 Substation & South Plant to Airport Substations	-	200,000	200,000
E 7	Elec Admin	Fiber optic for communication path from Loma Alta to Martinal, North WWTP and FM 802	95,625	-	95,625
E 8	Elec Trans	Substation and Control Centers Video Camera Upgrade	-	350,000	350,000
Total for Dept. 2210			797,655	550,000	1,347,655
DEPARTMENT 2410 - ELECTRIC ENGINEERING					
E 10	Elec Dist	Estimated miscellaneous carryover project amount - Electric Distribution	831,549	-	831,549
E 11	Elec Trans	Estimated miscellaneous carryover project amount - Electric Transmission	12,092	-	12,092
E 12	Elec Dist	New Connections *	803,184	2,600,000	3,403,184
E 13	Elec Dist	New Subdivisions *	860,741	1,600,000	2,460,741
E 14	Elec Dist	Security Light Installation *	194,826	205,200	400,026
E 15	Elec Dist	Street Light Installations *	175,749	545,600	721,349
E 16	Elec Dist	Trouble Calls & Service Increases *	1,088,233	3,526,000	4,614,233
E 17	Elec Dist	Capacitor Bank and Controller Installations	62,500	187,500	250,000
E 18	Elec Dist	Install a Second Power Transformer at the Palo Alto Substation	101,655	525,000	626,655
E 19	Elec Dist	Install Electrical Cable and Conduit at the Brownsville Country Club Subdivision	673,081	-	673,081
E 20	Elec Dist	Amfels OH to URD Conversion Project	191,488	-	191,488
E 21	Elec Dist	Feeder Utility Pole Replacement Project off of Boca Chica Blvd and other locations in the City of Brownsville	49,909	-	49,909
E 22	Elec Dist	Transfer switch at VRMC	544	-	544
E 23	Elec Dist	Electric Utility Improvements for Airport Passenger Terminal Expansion Project, Board-approved on 11/13/17	1,100,000	-	1,100,000
E 24	Elec Dist	University Blvd Underground 3-phase Primary	235,526	-	235,526
E 25	Elec Dist	Underground Feeder Circuit from Airport Substation to Trico - Board-approved on 03/16/18	254,929	-	254,929
E 26	Elec Admin	FM 511 Service Center Yard - Fiber Optic Design and Installation	82,547	-	82,547
E 27	Elec Dist	FM 511 Service Center Yard - Electric Underground Design and Installation	82,414	-	82,414
E 28	Elec Dist	Loma Alta and Union Carbide 69 KV to 138 KV Conversion	225,000	7,175,000	7,400,000
E 29	Elec Dist	Rio Grande Distribution Substation Upgrade, 69 KV to 138 KV	635,531	-	635,531
E 30	Elec Dist	South Plant Substation Feeders to serve developments in downtown and Southmost areas	-	443,200	443,200
E 31	Elec Dist	Install a Second Power Transformer at the Waterport Substation	-	1,885,000	1,885,000
E 32	Elec Dist	Loma Alta Switching and Distribution Substation Upgrades to Accommodate the New Sharyland Utilities Switching Station	300,000	-	300,000
Total for Dept 2410			7,961,498	18,692,500	26,653,998

Note:

*Denotes routine projects or projects that reoccur annually. All other non-noted projects are considered non-routine or are a one-time occurrence.

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020-2023	FIVE-YEAR TOTAL
DEPARTMENT 7135 - GEOGRAPHIC INFORMATION					
E 33	Elec Dist	Schneider ArcFM Fiber Manager Integration with GIS	-	45,000	45,000
E 34	Elec Admin	Improvements submitted by staff for Electric Utility	-	150,000	150,000
Total for Dept 7135			-	195,000	195,000
ELECTRIC TRANS. & DIST. PROJECT TOTAL:			10,741,972	20,937,500	31,679,472
DEPARTMENT 1145 - ELECTRICAL SYSTEMS					
E	Elec Gen	Brownsville Electric Generating Station - planning and development services	-	-	-
E 35	Elec Gen	Cross Valley Natural Gas Pipeline	430,945	-	430,945
Total for Dept 1145			430,945	-	430,945
DEPARTMENT 2220 - POWER PRODUCTION					
E 36	Elec Gen	Estimated miscellaneous carryover project amount - Electric Generation	196,431	-	196,431
E 37	Elec Gen	Unit 10 Combustor Exchange and Variable Inlet Guide Vane, as Board-approved on 11/13/17	151,112	-	151,112
E 38	Elec Gen	Hidalgo Capital Improvements *	500,000	300,000	800,000
E 39	Elec Gen	Oklauinion Capital Improvements *	1,181,163	750,000	1,931,163
E 40	Elec Gen	Silas Ray Power Plant Battery Bank Replacement 2019	112,229	-	112,229
E 41	Elec Gen	Unit 6/9 Protective Relay System Upgrade	100,000	375,000	475,000
E 42	Elec Gen	Unit 10 Chiller Cooling Tower Replacement	-	500,500	500,500
E 43	Elec Gen	Unit 10 Ovation Control Replacement	-	684,803	684,803
E 44	Elec Gen	Unit 6 Improvement Project	-	6,753,480	6,753,480
E 45	Elec Gen	Unit 6/9 GSU Project	518,727	-	518,727
E 46	Elec Gen	Gas Compressor 9 A, B PLC Replacement	326,542	-	326,542
Total for Dept 2220			3,086,204	9,363,783	12,449,987
ELECTRIC GENERATION PROJECT TOTAL:			\$ 3,517,149	\$ 9,363,783	\$ 12,880,932
ESTIMATED PROJECT TOTAL - ELECTRIC			\$ 14,259,121	\$ 30,301,283	\$ 44,560,404
GENERAL & ADMINISTRATIVE PROJECTS					
DEPARTMENT 1110 - GENERAL MANAGER					
G 1	Gen. Admin.	Architect/engineering design services for Administration Building Annex	747,544	-	747,544
G 2	Gen. Admin.	Architect/engineering design services for FM 511 Facilities Relocation Project	4,233,923	-	4,233,923
G 3	Gen. Admin.	Annex Admin Bldg, new Service Center (FM 511), remodel existing Admin Bldg - additional funds Board-approved on 10/10/16	134,605	-	134,605
Total for Dept. 1110			5,116,072	-	5,116,072
DEPARTMENT 1165 - RECORDS MANAGEMENT					
G 4	Gen. Admin.	Implementation of an Enterprise Content Management (ECM) System	690,000	-	690,000
Total for Dept 1165			690,000	-	690,000
DEPARTMENT 1420 - ENVIRONMENTAL COMPLIANCE					
G 5	Gen. Admin.	Environmental Building Rehabilitation	-	202,000	202,000
Total for Dept 1420			-	202,000	202,000
DEPARTMENT 1422 - ANALYTICAL LAB					
G 6	Gen. Admin.	Laboratory Expansion	-	1,600,000	1,600,000
Total for Dept 1422			-	1,600,000	1,600,000

Note:

*Denotes routine projects or projects that reoccur annually. All other non-noted projects are considered non-routine or are a one-time occurrence.

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020-2023	FIVE-YEAR TOTAL	
DEPARTMENT 6135 - CIS SUPPORT						
C 1	Customer Svc	Cayenta Utilities (UMS) Upgrade Version 7.9.3	250,000	-	250,000	
Total for Dept 6135			250,000	-	250,000	
DEPARTMENT 7130 - INFORMATION TECHNOLOGY						
G 7	Gen. Admin.	Fax Over IP	8,906	-	8,906	
G 8	Gen. Admin.	Wireless Access Points	12,210	-	12,210	
G 9	Gen. Admin.	Enterprise Backup Appliance DR4100	26,167	-	26,167	
G 10	Gen. Admin.	Appliance for Virtual Terminals - Power Plant	80,000	-	80,000	
G 11	Gen. Admin.	Cisco Core Networking Equipment - FM 511	-	150,000	150,000	
G 12	Gen. Admin.	UPS - New Building FM 511	-	45,000	45,000	
G 13	Gen. Admin.	Dell FX chassis and storage - Power Plant	-	80,000	80,000	
G 14	Gen. Admin.	Dell FX chassis and storage - Main Building	-	80,000	80,000	
G 15	Gen. Admin.	Phone System Blades and Storage	-	110,000	110,000	
G 16	Gen. Admin.	Server Storage	50,000	-	50,000	
G 17	Gen. Admin.	Web Replication Software	40,000	-	40,000	
G 18	Gen. Admin.	APC / UPS - DataCenter Hardware replacement	50,000	-	50,000	
G 19	Gen. Admin.	Cognos Software	40,000	-	40,000	
G 20	Gen. Admin.	PureStorage - Expansion	120,000	-	120,000	
G 21	Gen. Admin.	Offsite Hardware - Drive Expansion	100,000	-	100,000	
G 22	Gen. Admin.	Power Plant Backup Power	50,000	-	50,000	
Total for Dept 7130			577,283	465,000	1,042,283	
DEPARTMENT 7135 - GEOGRAPHIC INFORMATION SYSTEMS						
G 23	Gen. Admin.	Computerized Maintenance Management System (CMMS) Integration - Purchase of software	200,000	-	200,000	
Total for Dept 7135			200,000	-	200,000	
DEPARTMENT 7150 - FLEET MANAGEMENT						
G 24	Gen. Admin.	Fleet Management Systems	54,028	-	54,028	
Total for Dept. 7150			54,028	-	54,028	
DEPARTMENT 7155 - COMPENSATIONS & BENEFITS						
G 25	Gen. Admin.	Timekeeping Software - Purchase & Installation	-	250,000	250,000	
Total for Dept 7155			-	250,000	250,000	
DEPARTMENT 7160 - FACILITY MAINTENANCE						
G 26	Gen. Admin.	New Chiller for the Administration Building	78,721	-	78,721	
Total for Dept 7160			78,721	-	78,721	
DEPARTMENT 9110 - COMPANY-WIDE EXPENSES						
G 27	Gen. Admin.	Estimated miscellaneous carryover project amount -	273,555	-	273,555	
C 2	Cust. Svc	Est. carryover project amount - Customer Service	92,986	-	92,986	
Total for Dept 9110			366,541	-	366,541	
ESTIMATED TOTAL BY CATEGORY:						
			GENERAL & ADMINISTRATIVE	6,989,659	2,517,000	9,506,659
			ADMINISTRATIVE - CUSTOMER SERVICE	342,986	-	342,986
ESTIMATED PROJECT TOTAL - GEN. & ADMIN.			7,332,645	2,517,000	9,849,645	
ESTIMATED OVERALL PROJECT TOTAL - ELECTRIC						
			\$ 21,591,766	\$ 32,818,283	\$ 54,410,049	
E 47	Elec. Admin.	ADD CARRYOVER CAPITAL EQUIPMENT	1,911,785	-	1,911,785	
E 47	Elec. Admin.	ADD ESTIMATED CAPITAL EQUIPMENT	961,597	-	961,597	
ESTIMATED OVERALL TOTAL - ELECTRIC			\$ 24,465,148	\$ 32,818,283	\$ 57,283,431	
WATER PROJECTS						
DEPARTMENT 3120 - WATER PLANT I						
W 1	Wtr Treat	Caustic soda bulk tank	36,172	-	36,172	
W 3	Wtr Treat	Access Control and Facility Cameras	-	156,000	156,000	
Total for Dept 3120			36,172	156,000	192,172	

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020-2023	FIVE-YEAR TOTAL
DEPARTMENT 3130 - WATER PLANT II					
W 10	Wtr Treat	Installation of New Caustic Soda Feed System	226,493	-	226,493
W 11	Wtr Supply	Water Plant No. 2 Roofing	139,200	-	139,200
Total for Dept 3130			365,693	-	365,693
DEPARTMENT 3150 - W/WW OPERATIONS & CONSTRUCTION					
W 15	Wtr T & D	Water New Connections *	9,625	-	9,625
W 16	Wtr T & D	Water Distribution System Valve Replacement Project - Board-approved on 10/10/16	79,849	-	79,849
Total for Dept 3150			89,474	-	89,474
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING					
W 19	Wtr T & D	Estimated miscellaneous carryover project amount	546,893	-	546,893
W 20	Wtr T & D	FM 802 Water Main Loop - engineering phase	13,083	-	13,083
W 21	Wtr T & D	W 5th Street Water Main Loop - engineering phase	18,947	-	18,947
W 22	Wtr T & D	South Old Alice Rd and Sunset Dr Utility Improvements - engineering phase	19,280	-	19,280
W 23	Wtr T & D	Tara Place, Dix Drive and Hacienda Lane Utility Improvements - engineering phase	20,514	-	20,514
W 24	Wtr T & D	Los Ebanos Blvd Utility Improvements (between East Drive and Honeydale Road) - engineering phase	20,696	-	20,696
W 25	Wtr T & D	Gabriel Street Water Service Line Crossings	76,604	-	76,604
W 26	Wtr T & D	Greenbriar Avenue Water Improvements - design phase	10,279	-	10,279
W 27	Wtr T & D	Brownsville Airport Terminal Project	8,788	-	8,788
W 28	Wtr T & D	Waterline extension for Water Plant 2 - Board-approved on 03/16/18	100,000	-	100,000
W 29	Wtr T & D	Pumping and Treatment Apparatus Equipment, Board-approved on 11/13/17	1,000,000	-	1,000,000
W 41	Wtr T & D	EST No. 8 - Two Million Gallon Elevated Storage Tank to Replace the Southmost Elevated Storage Tank	3,800,000	-	3,800,000
Total for Dept 3310			5,635,084	-	5,635,084
ESTIMATED PROJECT TOTAL - WATER			\$ 6,126,423	\$ 156,000	\$ 6,282,423
W 56	Wtr Admin	ADD CARRYOVER CAPITAL EQUIPMENT	467,380	-	467,380
W 56	Wtr Admin	ADD ESTIMATED CAPITAL EQUIPMENT	-	-	-
ESTIMATED OVERALL TOTAL - WATER			\$ 6,593,803	\$ 156,000	\$ 6,749,803
WASTEWATER PROJECTS					
DEPARTMENT 3210 - SOUTH WASTEWATER TREATMENT					
WW 6	WW Treat	Concrete Slab Rehabilitation for Roll-Off Bins	-	83,500	83,500
WW 11	WW Treat	Evaluation, Design and Construction of High Efficient Turbo Blowers with Auto Dissolved Oxygen Control	-	1,264,200	1,264,200
Total for Dept 3210			-	1,347,700	1,347,700

Note:

*Denotes routine projects or projects that reoccur annually. All other non-noted projects are considered non-routine or are a one-time occurrence.

CAPITAL BUDGET SUMMARY
Improvement Fund Projects (Fund 400) – Continued

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020-2023	FIVE-YEAR TOTAL
DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT					
WW 12	WW Treat	Ultraviolet Light Canopy Project - Engineering Phase	24,336	-	24,336
WW 14	WW Treat	One New Grit Pump for The Eutek Head Cell Grit Pumping Station	1,442	-	1,442
WW 20	WW Admin	North Wastewater Treatment Plant Administration Building Improvements - Board-approved on 07/10/17	395,593	-	395,593
WW 21	WW Treat	Purchase and Installation of 4 Each Mag RAS Meter Replacements	30,879	-	30,879
WW 23	WW Treat	Non-Potable Water Pump and Motor No. 1	-	30,750	30,750
WW 24	WW Treat	Repair / Replace Concrete Slab for Roll-off Bins	83,850	-	83,850
WW 25	WW Treat	Three Each 25-Yard Bio-Solids Metal Roll-off Bins Addition	31,100	-	31,100
Total for Dept 3220			567,200	30,750	597,950
DEPARTMENT 3230 - WASTEWATER LIFT STATIONS					
WW 72	WW Pump	Lift Station Rehabilitations, Board-approved on 11/13/17	1,000,000	-	1,000,000
WW 73	WW Pump	Pumping and Treatment Apparatus Equipment, Board-approved on 11/13/17	1,000,000	-	1,000,000
Total for Dept 3230			2,000,000	-	2,000,000
DEPARTMENT 3310 WATER & WASTEWATER					
WW 76	WW Coll	Estimated miscellaneous carryover project amount	40,769	-	40,769
WW 77	WW Coll	North and South Colonias Project Design	150,000	150,000	300,000
WW 78	WW Coll	Clay Sewer Replacements Related to City Street Paving and Drainage Improvement Projects	50,000	-	50,000
WW 79	WW Coll	FM 511-802 Colonia Wastewater Improvements Project	50,000	-	50,000
WW 80	WW Coll	Brownsville Airport Terminal Project	10,903	-	10,903
WW 82	WW Coll	Palm Village Utility Improvements - engineering phase	59,514	-	59,514
WW 83	WW Coll	Rentfro Blvd Utility Improvements - engineering phase	59,813	-	59,813
WW 84	WW Coll	Los Ebanos Blvd Utility Improvements (between East Drive and Honeydale Road) - engineering phase	55,479	-	55,479
WW	WW Coll	Service Center Yard wastewater utility improvements	-	-	-
WW 85	WW Coll	Wastewater Collection Systems Repairs, Rehabilitations, and Upgrades	50,000	200,000	250,000
WW 86	WW Treat	Sewer Replacements related to the City Street Paving and Drainage Improvement Projects	171,400	250,000	421,400
Total for Dept 3310			697,878	600,000	1,297,878
ESTIMATED PROJECT TOTAL - WASTEWATER			3,265,078	1,978,450	5,243,528
WW 97	WW Admin	ADD CARRYOVER CAPITAL EQUIPMENT	710,095	-	710,095
ESTIMATED OVERALL TOTAL - WASTEWATER			\$ 3,975,173	\$ 1,978,450	\$ 5,953,623
ESTIMATED PROJECT TOTAL			\$ 30,983,267	\$ 34,952,733	\$ 65,936,000
ESTIMATED CAPITAL EQUIPMENT TOTAL			4,050,857	-	4,050,857
OVERALL IMPROVEMENT FUND TOTAL - INTERNAL:			\$ 35,034,124	\$ 34,952,733	\$ 69,986,857
DEPARTMENT 1110 - GENERAL MANAGER					
G 28	Facilities	New Service Center (FM 511), Annex Administration Building and Admin. Bldg Remodel - amendment for furniture, fixtures and other equipment	2,000,000	4,500,000	6,500,000
Total for Dept 1110			2,000,000	4,500,000	6,500,000
IMPROVEMENT FUND BUDGET - FACILITIES TOTAL			\$ 2,000,000	\$ 4,500,000	\$ 6,500,000
TOTAL IMPROVEMENT FUND BUDGET:			\$ 37,034,124	\$ 39,452,733	\$ 76,486,857

CAPITAL BUDGET SUMMARY
Impact Fees Fund Projects (Fund 410)

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020-2023	FIVE-YEAR TOTAL
WATER PROJECTS					
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING					
W 30	Wtr T & D	Waterline Upgrade on Southmost Blvd. from EST 4 to Lima St.	50,000	200,000	250,000
W 31	Wtr T & D	Waterline Upgrade Near WTP#1	500,000	521,000	1,021,000
W 32	Wtr T & D	16-inch Waterline Loop from Lago Vista to W. Alton Gloor Blvd.	1,189,472	1,360,800	2,550,272
W 33	Wtr T & D	Concrete Steel Cylinder Waterline Upgrade from Boca Chica Blvd. (SH48) to WTP No. 2	-	1,463,000	1,463,000
W 34	Wtr T & D	24-inch Waterline Loop along FM 511 from SRWA to Old Port Isabel Rd.	-	2,368,000	2,368,000
Total for Dept 3310			1,739,472	5,912,800	7,652,272
ESTIMATED PROJECT TOTAL - WATER			\$ 1,739,472	\$ 5,912,800	\$ 7,652,272
DEPARTMENT 3230 - WASTEWATER LIFT STATIONS					
WW 75	WW Pump	North Regional Lift Stations and Force Main System - Phase 1	600,000	2,500,000	3,100,000
WW 76	WW Pump	North Regional Lift Stations and Force Main System - Phase 2	-	2,100,000	2,100,000
Total for Dept 3230			600,000	4,600,000	5,200,000
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING					
WW 82	WW Coll	Lift Station No. 140	100,000	150,000	250,000
Total for Dept 3310			100,000	150,000	250,000
ESTIMATED PROJECT TOTAL - WASTEWATER			\$ 700,000	\$ 4,750,000	\$ 5,450,000
OVERALL TOTAL IMPACT FEES FUND BUDGET:			\$ 2,439,472	\$ 10,662,800	\$ 13,102,272

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CAPITAL BUDGET SUMMARY
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405)

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020 - 2023	FIVE-YEAR TOTAL	
ELECTRIC PROJECTS						
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT SERVICES						
E	9	Elec Trans	Electrical SCADA Replacement of System Software and Hardware	719,580	-	719,580
			Total for Dept 2210	719,580	-	719,580
DEPARTMENT 2410 - ELECTRIC ENGINEERING						
E	29	Elec Trans	Rio Grande Distribution Substation Upgrade, 69KV to 138 KV	2,177,477	-	2,177,477
			Total for Dept 2410	2,177,477	-	2,177,477
			ELECTRIC TRANS. & DIST. PROJECT TOTAL:	2,897,057	-	2,897,057
			ESTIMATED OVERALL PROJECT TOTAL - ELECTRIC	\$ 2,897,057	\$ -	\$ 2,897,057
WATER PROJECTS						
DEPARTMENT 3120 - WATER PLANT I						
W	2	Wtr Treat	Gate Valves for Flocculator Section, Valves for Diversion Box for Clarifiers and Drain Valve for Basin A	235,000	-	235,000
W	4	Wtr Supply	High Service Pump No. 5 - Pump and Motor	-	1,592,308	1,592,308
W	5	Wtr Treat	Two Flocculator Units (replace existing units)	46,800	-	46,800
W	6	Wtr Supply	Drain Valves for the Drying Lagoons	58,500	-	58,500
W	7	Wtr Treat	Replace Influent Valves for 8 Filters	162,500	-	162,500
W	8	Wtr Treat	Replacement of Rakes for Two Clarifiers (B1 and B2)	396,000	396,000	792,000
W	9	Wtr Supply	Clarifiers drain sludge pump	32,500	-	32,500
			Total for Dept 3120	931,300	1,988,308	2,919,608
DEPARTMENT 3130 - WATER PLANT II						
W	12	Wtr Treat	Aeration Structure Rehabilitation	75,000	300,840	375,840
W	13	Wtr Treat	Resaca Raw Water Pumping Station	-	612,750	612,750
W	14	Wtr Treat	Replacement of 6 in Waterline	85,963	-	85,963
			Total for Dept 3130	160,963	913,590	1,074,553
DEPARTMENT 3150 - W/WW OPERATIONS & CONSTRUCTION						
W	15	Wtr T & D	Water New Connections *	644,865	2,600,000	3,244,865
W	17	Wtr T& D	Water Meter Vault Replacement Project	75,000	-	75,000
W	18	Wtr T& D	Valve Replacement Project Phase 2	-	500,000	500,000
			Total for Dept 3150	719,865	3,100,000	3,819,865
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING						
W	35	Wtr T & D	Estimated miscellaneous carryover project amount	66,190	-	66,190
W	36	Wtr T & D	Water Main Replacements related to City Street Paving and Drainage Improvement Projects	100,000	-	100,000
W	37	Wtr Treat	Rotating Equipment Replacements at Various Water Treatment Plants	-	800,000	800,000
W	38	Wtr Treat	Water Treatment Plant No. 2 Aeration Tanks Replacement	-	800,000	800,000
W	39	Wtr T & D	Water Distribution Systems Repairs, Rehabilitations, and	-	800,000	800,000
W	40	Wtr Treat	Water Treatment Plant Repairs, Rehabilitations, and Upgrades	250,000	500,000	750,000
W	41	Wtr T & D	EST No. 8 - 2 Million Gallon Elevated Storage Tank to Replace the Southmost Elevated Storage Tank	97,064	-	97,064
W	42	Wtr T & D	New Raw Water River Intake Facility	-	3,650,000	3,650,000
W	43	Wtr T & D	Gazelle Street - COB and Utility Improvements	359,389	-	359,389
W	44	Wtr T & D	North Street - COB and Utility Improvements	75,000	268,381	343,381
W	45	Wtr T & D	South Iowa - COB and Utility Improvements	75,000	272,685	347,685

Note:

*Denotes routine projects or projects that reoccur annually. All other non-noted projects are considered non-routine or are a one-time occurrence.

CAPITAL BUDGET SUMMARY
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020 - 2023	FIVE-YEAR TOTAL
W 46	Wtr T & D	Southmost Blvd - COB and Utility Improvements	-	638,867	638,867
W 47	Wtr T & D	18-inch Waterline along Old Hwy 77 and FM 511 to Old Alice Rd.	-	1,546,000	1,546,000
W 48	Wtr T & D	16-inch Waterline on Boca Chica Blvd from International Blvd to Owens Rd.	-	748,000	748,000
W 49	Wtr T & D	Martinal Area Waterline System Loops	-	1,115,000	1,115,000
W 50	Wtr T & D	Waterline Upgrade on Southmost Blvd. from E. 14th St. to E. 25th St.	-	1,575,000	1,575,000
W 51	Wtr T & D	Waterline Upgrade on Southmost Blvd. from E. 25th St. to E. 30th St.	-	758,000	758,000
W 52	Wtr T & D	12-inch Waterline West of Hwy 77	-	1,345,000	1,345,000
W 53	Wtr T & D	16-inch Waterline Loop along FM 511 from SH 48 to Boca Chica Blvd.	-	1,500,000	1,500,000
W 54	Wtr T & D	16-inch Waterline at Summer Hill Subdivision	-	894,000	894,000
W 55	Wtr T & D	16-inch Waterline on Boca Chica Blvd. from Owens Rd. to Iowa Ave.	-	1,850,000	1,850,000
Total for Dept 3310			1,022,643	19,060,933	20,083,576
WATER PROJECT TOTAL:			\$ 2,834,771	\$ 25,062,831	\$ 27,897,602
ADD CARRYOVER CAPITAL EQUIPMENT			-	-	-
ADD ESTIMATED CAPITAL EQUIPMENT BUDGET			-	-	-
ESTIMATED OVERALL TOTAL - WATER			\$ 2,834,771	\$ 25,062,831	\$ 27,897,602
WASTEWATER PROJECTS					
DEPARTMENT 2210 - SCADA & ELECTRICAL SUPPORT SERVICES					
WW 1	WW Coll	W/WW SCADA Yard Communication Tower	-	250,000	250,000
WW 2	WW Coll	W/WW SCADA/Lift Station Integration	-	100,000	100,000
Total for Dept 2210			-	350,000	350,000
DEPARTMENT 3150 - W/WW OPERATIONS & CONSTRUCTION					
WW 3	WW Coll	Wastewater New Connections *	450,000	1,800,000	2,250,000
Total for Dept 3150			450,000	1,800,000	2,250,000
DEPARTMENT 3210 - SOUTH WASTEWATER TREATMENT PLANT					
WW 4	WW Treat	Blower Building #1 Roof Replacement	32,500	-	32,500
WW 5	WW Treat	Chlorine Contact Chamber Sluice Gate Replacement Project	-	130,000	130,000
WW 7	WW Treat	Non-Potable Pump and Motor # 1	-	43,050	43,050
WW 8	WW Treat	Effluent River Pump and Motor # 3	-	215,250	215,250
WW 9	WW Treat	Aeration Blower and Motor # 1	-	184,500	184,500
WW 10	WW Treat	Digester Blowers 18 - 20	-	313,650	313,650
Total for Dept 3210			32,500	886,450	918,950
DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT					
WW 13	WW Treat	Ultraviolet Light Canopy Project - Construction Phase	-	440,000	440,000
WW 15	WW Treat	Replacement/Construction of New Concrete Marquee Sign	-	34,800	34,800
WW 16	WW Treat	Blower Building No. 1 Roof Replacement	40,050	-	40,050
WW 17	WW Treat	Four Torque Valve Actuators for The Train Inlet Isolation Valves	-	60,890	60,890
WW 18	WW Treat	Nitrification Control System Phase I Implementation (for Train No. 3 & 4)	-	188,500	188,500
WW 19	WW Treat	Belt Filter Press Dewatering Station	-	3,943,000	3,943,000
WW 22	WW Treat	Blowers for Aerobic Digesters (4 each)	209,100	209,100	418,200
Total for Dept 3220			249,150	4,876,290	5,125,440

Note:

*Denotes routine projects or projects that reoccur annually. All other non-noted projects are considered non-routine or are a one-time occurrence.

CAPITAL BUDGET SUMMARY
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020 - 2023	FIVE-YEAR TOTAL
DEPARTMENT 3230 - WASTEWATER LIFT STATIONS					
WW 26	WW Pump	Lift Station No. 6 and 108 Improvements	61,382	-	61,382
WW 27	WW Pump	Lift Station No. 130 Fence Replacement	222,261	-	222,261
WW 28	WW Pump	LS 45 Relocation Project - Construction Contract	316,358	-	316,358
WW 29	WW Pump	Lift Station General Pump Replacements	-	71,000	71,000
WW 30	WW Pump	Lift Station No. 44 Rehabilitation	19,008	500,000	519,008
WW 31	WW Pump	Lift Station No. 63 MCC Building Replacement	2,182	520,000	522,182
WW 32	WW Pump	Lift Station No. 68 Rehabilitation	18,962	500,000	518,962
WW 33	WW Pump	Lift Station No. 69 Rehabilitation	18,347	500,000	518,347
WW 34	WW Pump	Lift Station No. 72 Rehabilitation	150,000	675,000	825,000
WW 35	WW Pump	Lift Station No. 95 Rehabilitation	150,000	545,000	695,000
WW 36	WW Pump	Lift Station No. 9 Rehabilitation	83,000	500,000	583,000
WW 37	WW Pump	Lift Station No. 10 Rehabilitation	-	250,000	250,000
WW 38	WW Pump	Lift Station No. 11 Rehabilitation	-	250,000	250,000
WW 39	WW Pump	Lift Station No. 12 Rehabilitation	-	700,000	700,000
WW 40	WW Pump	Lift Station No. 13 Rehabilitation	-	650,000	650,000
WW 41	WW Pump	Lift Station No. 15 Turbulence Reduction	169,000	-	169,000
WW 42	WW Pump	Lift Station No. 17 Rehabilitation	150,000	500,000	650,000
WW 43	WW Pump	Lift Station No. 23 Rehabilitation	-	695,000	695,000
WW 44	WW Pump	Lift Station No. 28 Rehabilitation	-	500,000	500,000
WW 45	WW Pump	Lift Station No. 43 Rehabilitation	-	500,000	500,000
WW 46	WW Pump	Lift Station No. 47 Rehabilitation	-	500,000	500,000
WW 47	WW Pump	Lift Station No. 51 Rehabilitation	-	500,000	500,000
WW 48	WW Pump	Lift Station No. 53 Rehabilitation	-	695,000	695,000
WW 49	WW Pump	Lift Station No. 58 Rehabilitation	-	500,000	500,000
WW 50	WW Pump	Lift Station No. 63 Rehabilitation	164,936	800,000	964,936
WW 51	WW Pump	Lift Station No. 65A Pump Replacement	62,000	-	62,000
WW 52	WW Pump	Lift Station No. 65B Pump Replacement	-	82,000	82,000
WW 53	WW Pump	Lift Station No. 67 Rehabilitation	-	500,000	500,000
WW 54	WW Pump	Lift Station No. 77 Rehabilitation	-	695,000	695,000
WW 55	WW Pump	Lift Station No. 80 Rehabilitation	-	500,000	500,000
WW 56	WW Pump	Lift Station No. 82 Rehabilitation	-	695,000	695,000
WW 57	WW Pump	Lift Station No. 85 Rehabilitation	-	695,000	695,000
WW 58	WW Pump	Lift Station No. 89 Rehabilitation	-	400,000	400,000
WW 59	WW Pump	Lift Station No. 96 Decommission and Wastewater Line Installation	-	400,000	400,000
WW 60	WW Pump	Lift Station No. 99 Rehabilitation	500,000	-	500,000
WW 61	WW Pump	Lift Station No. 101 Rehabilitation	-	500,000	500,000
WW 62	WW Pump	Lift Station No. 102 Rehabilitation	-	800,000	800,000
WW 63	WW Pump	Lift Station No. 103 Decommission and Wastewater Line Installation	-	500,000	500,000
WW 64	WW Pump	Lift Station No. 105 Rehabilitation	-	400,000	400,000
WW 65	WW Pump	Lift Station No. 106 Rehabilitation	500,000	-	500,000
WW 66	WW Pump	Lift Station No. 113 Rehabilitation	-	700,000	700,000
WW 67	WW Pump	Lift Station No. 159 MCC Building Replacement	-	300,000	300,000
WW 68	WW Pump	South to North Wastewater Reroutes - Lift Station No. 4 Force Main	-	1,365,000	1,365,000
WW 69	WW Pump	South to North Wastewater Reroutes - Lift Station No. 20, 22, and 27 Valve Reconfigurations	-	312,000	312,000
WW 70	WW Pump	South to North Wastewater Reroutes - Lift Station No. 33 and Force Main Upgrade	-	2,500,000	2,500,000
WW 71	WW Pump	Lift Station No. 41 Pump Replacement	-	148,000	148,000
Total for Dept 3230			2,587,436	22,343,000	24,930,436

CAPITAL BUDGET SUMMARY
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020 - 2023	FIVE-YEAR TOTAL
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING					
WW 88	WW Coll	Estimated miscellaneous carryover project amount	110,696	-	110,696
WW 80	WW Coll	FM 511-802 Colonia Wastewater Improvements Project	68,080	-	68,080
WW 89	WW Coll	North Street Paving and Drainage Improvements	248,697	-	248,697
WW 90	WW Coll	Gazelle Street - Paving and Drainage Improvements	422,365	-	422,365
WW 91	WW Coll	Vapor Phase Odor Control Design, Bidding and Construction Services (7 lift stations)	2,915,297	-	2,915,297
WW 92	WW Treat	SWWTP Influent Channel Re-Coating and Grit System Upgrade	200,000	1,000,000	1,200,000
WW 93	WW Treat	Rotating Equipment Replacements at Various Wastewater Treatment Plants	100,000	600,000	700,000
WW 94	WW Treat	South Wastewater Treatment Plant Digester Tank Replacements	100,000	750,000	850,000
WW 95	WW Pump	Old Port Isabel Road 20" Forcemain Rehabilitation Project	-	2,510,152	2,510,152
WW 96	WW Coll	FM 802 Gravity Sewer Interceptor	-	100,000	100,000
Total for Dept 3310			4,165,135	4,960,152	9,125,287
ESTIMATED OVERALL TOTAL - WASTEWATER			\$ 7,484,221	\$ 35,215,892	\$ 42,700,113
ESTIMATED PROJECT TOTAL			13,216,049	60,278,723	73,494,772
ESTIMATED CAPITAL EQUIPMENT TOTAL			-	-	-
COMMERCIAL PAPER FUNDING BUDGET - INTERNAL:			\$ 13,216,049	\$ 60,278,723	\$ 73,494,772
DEPARTMENT 1110 - GENERAL MANAGER					
G 29	Facilities	A new Service Center (FM 511)	16,864,000	-	16,864,000
G 30	Facilities	An Annex Administration Building and Remodeling of the existing Administration Building	3,000,000	17,881,000	20,881,000
Total for Dept 1110			19,864,000	17,881,000	37,745,000
COMMERCIAL PAPER FUNDING BUDGET - FACILITIES TOTAL:			\$ 19,864,000	\$ 17,881,000	\$ 37,745,000
TOTAL COMMERCIAL PAPER FUNDING BUDGETS:			\$ 33,080,049	\$ 78,159,723	\$ 111,239,772

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CAPITAL BUDGET SUMMARY
Grants Proceeds Projects (Fund 200)

PROJ. REF.	UTILITY FUNCTION	DESCRIPTION	FISCAL YEAR 2019	FISCAL YEARS 2020-2023	FIVE-YEAR TOTAL
WASTEWATER PROJECTS					
DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING					
WW 97	WW Coll	BECC/NADBANK Home Connections in FM511/802 Colonias Project Area	1,221,901	-	1,221,901
Total for Dept 3310			1,221,901	-	1,221,901
ESTIMATED PROJECT TOTAL - WASTEWATER			\$ 1,221,901	\$ -	\$ 1,221,901
OVERALL TOTAL GRANTS BUDGET:			\$ 1,221,901	\$ -	\$ 1,221,901

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**Summary Expenditure Report
For All Carryover Projects – FY 2018
Improvement Fund (Fund 400)**

	FY 2018 BEGINNING BALANCE	FY2018 ENDING BALANCE	DEFERRED BUDGET	APPROVED BUDGET TOTAL
GENERAL & ADMINISTRATIVE	\$ 2,067,535	\$ 933,595	\$ 5,670,329	\$ 6,603,924
ELECTRIC (less Tenaska)	14,306,703	5,136,792	4,680,800	9,817,592
WATER (less grant-funded projects)	2,458,369	1,030,898	4,800,000	5,830,898
WASTEWATER (less Tenaska & grants)	209,016	130,764	2,000,000	2,130,764
WATER & WASTEWATER	84,679	50,929	-	50,929
CARRYOVER WORK ORDER BUDGET TOTAL	\$ 19,126,302	\$ 7,282,978	\$ 17,151,129	\$ 24,434,107
VALLEY CROSSING PIPELINE INTERCONNECT (EG1031)	-	-	-	-
GENERATING STATION (EG3848)	51,007	-	-	-
GAS TRANSMISSION LINE (EG3849)	-	-	-	-
CROSS VALLEY NATURAL GAS PIPELINE (EG3926)	2,459,042	430,945	-	430,945
345KV TRANSMISSION LINE (ET3886)	94,660	-	-	-
WASTEWATER EFFLUENT REUSE LINE (SA3846)	-	-	-	-
INDUSTRIAL WASTEWATER TRANSPORTATION (SA3862)	-	-	-	-
CARRYOVER TENASKA PROJECTS TOTAL - LOCAL CONTRIBUTIONS	\$ 2,604,709	\$ 430,945	\$ -	\$ 430,945
WATER (CDAM)	-	-	-	-
WASTEWATER (SC9228, SC9265-6, SC9272)	150,000	150,000	50,000	200,000
CARRYOVER GRANT PROJECTS TOTAL - LOCAL CONTRIBUTIONS	\$ 150,000	\$ 150,000	\$ 50,000	\$ 200,000
CARRYOVER CAPITAL PROJECT BUDGET TOTAL:			\$	25,065,052
CARRYOVER CAPITAL EQUIPMENT BUDGET TOTAL:				3,089,260
CARRYOVER IMPROVEMENT FUND - FACILITIES BUDGET TOTAL:				2,000,000
APPROVED CARRYOVER IMPROVEMENT FUND BUDGET TOTAL:			\$	30,154,312
APPROVED FY 2019 CAPITAL EQUIPMENT BUDGET TOTAL:				961,597
APPROVED FISCAL YEAR 2019 IMPROVEMENT FUNDING:				5,918,498
APPROVED IMPROVEMENT FUND - CIP FUNDING TOTAL:			\$	37,034,407

Capital Project Listing – FY 2018
For All Carryover General & Administrative Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
10/14/16	80575	GA1016	ADMINISTRATION BUILDING REMODELING DESIGN PHASE	134,605	134,605	-
10/13/16	80817	GA1018	WIRELESS ACCESS CAMERAS	14,351	12,210	-
05/21/18	109037		FOR THE INFORMATION TECHNOLOGY AREAS			
04/21/17	91252	GA1060	ENTERPRISE BACKUP APPLIANCE	60,000	26,167	-
			ADDITIONAL STORAGE FOR ENTERPRISE BACKUP APPLIANCES			
10/18/17	100735	GA1076	FLEET MANAGEMENT INFORMATION SYSTEM	116,967	54,028	-
11/02/17	101752	GA1083	FUEL TANK REPLACEMENT PROJECT	96,869	-	-
11/15/17	102445	GA1085	APPLIANCE FOR VIRTUAL TERMINALS AND VIRTUAL SERVERS - MAIN BUILDING	80,000	29,679	-
12/15/17	104275	GA1090	ASSET MANAGEMENT STRATEGIC PLAN ANALYSIS	150,000	141,633	-
03/02/18	109086	GA1099	TOWER REDUNDANT NETWORK REPLACEMENT AT SRWA, SCADA AND POWER PLANT FACILITIES	80,000	64,419	-
03/02/18	109087	GA1100	CISCO CORE NETWORKING EQUIPMENT REPLACEMENT AT THE BPUB MAIN OFFICE	50,000	8,878	-
05/07/18	112685	GA1108	APPLIANCE FOR VIRTUAL TERMINALS AND VIRTUAL SERVERS AT POWER PLANT	80,000	80,000	-
05/07/18	112692	GA1109	FAX OVER IP	15,000	8,906	-
12/17/10	15858	GA3553	CUSTOMER SERVICE PAYMENT KIOSKS	82,226	82,226	-
	amended					
06/15/17	43657	GA3892	CIS/CAYENTA UPGRADE	10,760	10,760	-
	amended					
03/25/14	45931	GA3901	MOBILE TIME ENTRY FOR THE MOBILE WORK FORCE	48,005	28,946	-
02/06/15	57084	GA3941	ARCHIVE AND APPLICATION FOR E-MAIL ENTERPRISE ARCMail APPLIANCE (E-MAIL LOG)	5,745	-	-
10/14/16	80540	GA3965	ADMINISTRATION BUILDING ANNEX - DESIGN PHASE	797,038	251,138	496,406
05/30/18	68332	GA3966	FM 511 FACILITIES RELOCATION PROJECT - DESIGN PHASE AND LAND PURCHASE	245,968	-	4,233,923
	amended					
N/A	N/A	N/A	IMPLEMENTATION OF AN ENTERPRISE CONTENT MANAGEMENT SYSTEM (ECMS)	-	-	690,000
N/A	N/A	N/A	CAYENTA UTILITIES (UMS) UPGRADE VERSION 7.9.3	-	-	250,000
APPROVED CARRYOVER GENERAL & ADMINISTRATIVE PROJECT TOTAL				\$ 2,067,535	\$ 933,595	\$ 5,670,329

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
01/10/13	34764	ED2879	1355 FM 511 NORTH BROWNSVILLE KICKBALL FACILITY	1,027	1,027	-
03/29/16	71466	FD2014	1000 CAPTAIN DONALD FOUST RD AT THE PORT OF BROWNSVILLE	114,707	114,707	-
08/28/17	97820	FD2060	58 MCLELLAND BLVD	120	-	-
12/06/17	103388	FD2071	2495 BOCA CHICA BLVD	906	483	-
01/31/18	107125	FD2079	1935 E 14TH STREET	659	129	-
03/02/18	109033	FD2081	1000 CAPTAIN DONALD FOUST RD	1,687	389	-
02/28/18	108798	FD2082	444 LAND O'LAKES DR	1,419	-	-
03/15/18	109907	FD2083	2425 BARNARD RD	809	400	-
03/28/18	110665	FD2085	71 EL PASO RD	476	-	-
03/14/18	109834	FD2094	2001 CAPTAIN DONALD FOUST RD TRUCK PARKING SITE	23,639	20,576	-
06/21/18	115096	FD2095	914 PALM BLVD	713	-	-
07/17/18	116683	FD2097	600 OLD PORT ISABEL RD	662	60	-
08/20/18	118738	FD2098	2233 INTERNATIONAL BLVD	677	-	-
08/24/18	119015	FD2099	1200 LINCOLN ST	922	922	-
08/30/18	119335	FD2100	1555 W ADAMS ST	563	563	-
09/04/18	119614	FD2101	321 LORENALY DR	1,845	-	-
09/05/18	119668	FD2102	555 ACACIA LAKE DR	817	-	-
09/17/18	120362	FD2104	55 LAURA LN	1,263	794	-
09/19/18	120531	FD2105	2825 ROCKWELL DR	2,610	2,610	-
09/18/18	120457	FD2106	147 HIGHLAND DR	866	866	-
04/10/18	111123	FD2107	5965 EXPRESSWAY 77 SOUTH FRONTAGE RD	1,892	-	-
CARRYOVER SECURITY LIGHT PROJECT TOTAL				\$ 158,280	\$ 143,526	\$ -

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
09/07/16	78526 amended	EA1007	WATERPORT SUBSTATION FENCE PROJECT	24,958	24,958	-
08/01/17	96449	EA1064	SCADA REMOTE TERMINAL UNIT SYSTEM UPGRADE/REPLACEMENTS FOR ALL SUBSTATIONS	718,343	702,030	-
05/25/17	92902	EA1075	LOMA ALTA SUBSTATION - MARTINAL WATER	95,625	95,625	-
05/11/18	112950		TANK - NORTH WASTEWATER TREATMENT PLANT - FM 802 FIBER OPTIC PROJECT			
06/26/18	94486	EA1088	543 E 11TH STREET - FIBER OPTIC INSTALLATION AT PROPOSED BROWNSVILLE PERFORMING ARTS ACADEMY	2,076	2,076	-
02/14/18	108063	EA3966	FM 511 SERVICE CENTER YARD CENTER FIBER OPTIC DESIGN AND INSTALLATION	89,268	82,547	-
CARRYOVER ADMINISTRATION CONSTRUCTION PROJECT TOTAL:				\$ 930,270	\$ 907,236	\$ -
08/03/16	77335	ED1005	RINGGOLD ROAD - WOODEN POLES	-	-	-
07/15/16	76504	ED1006	1000 CAPTAIN DONALD FOUST RD OH TO URD CONVERSION	86,237	86,237	-
09/29/16	79963	ED1017	BROWNSVILLE COUNTRY CLUB ELECTRIC CABLE/CONDUIT INSTALLATION	1,708,590	673,081	-
12/15/15	67322	ED1024	20000 STATE HWY 48 AMFELS OH TO URD CONVERSION	191,488	191,488	-
10/04/16	80134	ED1026	9155 R.L. OSTOS - BIG GRAIN ELEVATOR	-	-	-
12/22/17	82109 amended	ED1035	FEEDER UTILITY POLE REPLACEMENT OFF OF BOCA CHICAS AND OTHER LOCATIONS THROUGHOUT THE CITY OF BROWNSVILLE	49,909	49,909	-
03/06/17	88924	ED1046	100 E ALTON GLOOR BLVD TRANSFER SWITCH AT VRMC	544	544	-
08/16/17	97217	ED1067	POLE REPLACEMENTS OFF OF PARRAL ST WOOD AVE AND W BROADWAY ST	13,861	13,861	-
08/16/17	97220	ED1069	POLE REPLACEMENTS AT POWER PLANT FEEDER OFF OF W LEVEE ST, E 2ND STREET & E 14TH STREET	16,672	16,672	-
09/06/17	98278	ED1073	2EA RELAY REPLACEMENTS FOR 6TH STREET SUBSTATION (1201 E 6TH STREET)	46,701	-	-
10/13/17	100409	ED1079	FOXFIRE 2 SUBDIVISION UNDERGROUND PRIMARY CONDUCTOR REPLACEMENT	41,965	24,290	-
11/02/17	101726	ED1084	W ALTON GLOOR BLVD AND MILITARY HWY RECLOSER REPLACEMENT	15,989	-	-

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
10/12/17	100346	ED1085	1 EVENT CENTER UNDERGROUND CABLE TO CONNECT POLES	7,824	-	-
10/12/17	100335	ED1089	PALM GARDENS SUBDIVISION UNDERGROUND CONDUIT REPLACEMENT	151,586	-	-
01/08/18	105551	ED1091	915 S CENTRAL AVENUE NEW FEEDER FOR AIRPORT SUBSTATION	33,420	-	-
08/30/18	112598 amended	ED1111	1255 FM 511 SRWA GENERATOR NO. 2	80,074	61,267	-
04/26/18	111989	ED1112	100 E ALTON GLOOR BLVD	34,886	132	-
05/14/18	113025	ED1117	1000 CHEMICAL RD - 12.5 KV	15,480	-	-
07/16/18	116646	ED1119	6025 TIGER DR	1,400	-	-
03/06/18	109298	ED1122	AUTOMATIC TRANSFER SWITCH INSTALLATION WITH ALTERNATE FEED AT ROBINDALE WWTP	87,338	87,338	-
02/22/18	108545	ED1123	915 S CENTRAL AVENUE NEW FEEDER TO TRICO	254,929	254,929	-
07/03/18	115911	ED1125	222 EXPRESSWAY 77 / NORTH FRONTAGE ROAD	3,355	-	-
09/05/18	119678	ED1126	WATERPORT SUBSTATION FEEDER AIR SWITCHES REPLACEMENT	9,593	9,593	-
09/18/18	120433	ED1127	RELAY AND OTHER UPGRADES AT PRICE RD, WATERPORT AND LOMA ALTA SUBSTATIONS TO ACCOMMODATE THE SHARYLAND UTILITIES SWITCHING STATION	144,329	144,329	-
09/04/18	119622	ED1128	POLE REPLACEMENTS ALONG FM 511 / SH 550 AT PALO ALTO SUBDIVISION	6,551	-	-
09/13/18	120234	ED1129	1214 COTTONWOOD DR	832	832	-
05/31/12	32058	ED3822	UNIVERSITY DRIVE LIGHT POLES	134,064	134,064	-
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	-

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
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	86,266	-
02/12/15	57379	ED3958	LAND O'LAKES SUBDIVISION UNDERGROUND PRIMARY REPLACEMENT	14,021	-	-
03/08/18	109416	ED3966	FM 511 SERVICE CENTER YARD CENTER ELECTRIC UNDERGROUND DESIGN AND INSTALLATION	107,649	82,414	-
07/12/18	116405	ED3966	TEMPORARY SERVICE FOR NEW SERVICE CENTER ON OLD ALICE RD AND FM 511			
N/A	N/A	N/A	LOMA ALTA SWITCHING AND DISTRIBUTION SUBSTATION UPGRADES TO ACCOMMODATE THE NEW SHARYLAND UTILITIES SWITCHING STATION	-	-	300,000
CARRYOVER DISTRIBUTION CONSTRUCTION PROJECT TOTAL:				\$ 3,532,665	\$ 2,056,879	\$ 300,000
08/04/17	96620	EG1068	UNIT 10 COOLING TOWER REPLACEMENT	22,250	-	-
08/04/17	96616	EG1082	UNIT 6 GENERATOR STEP-UP TRANSFORMER AT 94 POWER PLANT DR	310,000	196,431	-
N/A	N/A	EG3047	OKLAUNION CAPITAL IMPROVEMENTS	3,775,195	431,163	-
N/A	N/A	EG3158	HIDALGO POWER PLANT IMPROVEMENTS	397,385	-	-
10/23/13	34908 amended	EG3848	TENASKA BROWNSVILLE GENERATING STATION 200 MW OWNERSHIP INTEREST; LOCATED NORTH OF FM 511 AT OLD ALICE ROAD	51,007	-	-
09/26/14	44869	EG3926	CROSS VALLEY NATURAL GAS PIPELINE	2,459,042	430,945	-
02/13/18	104663	UNIT10	ROTABLE G48 RAD-RAD COMBUSTOR EXCHANGE AND VARIABLE INLET GUIDE VANE UPGRADE FOR UNIT 10	993,895	151,112	-
N/A	N/A	N/A	UNIT 6/9 GSU PROJECT	-	-	518,727
N/A	N/A	N/A	UNIT 6/9 PROTECTIVE RELAY SYSTEM UPGRADE	-	-	100,000
N/A	N/A	N/A	GAS COMPRESSOR 9 A, B PLC REPLACEMENT	-	-	326,542
CARRYOVER GENERATION CONSTRUCTION PROJECT TOTAL:				\$ 8,008,774	\$ 1,209,651	\$ 945,269
06/29/18	77785 amended	ET1058	POWER PLANT (RIO GRANDE) 138 KV DISTRIBUTION SUBSTATION CONVERSION FROM 69 KV	-	-	635,531
06/28/18	103941 amended	ET1092	138 KV CIRCUIT BREAKER REPLACEMENT AT MILITARY, WATERPORT AND FM 802 SUBSTATIONS	362,861	142,819	200,000

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
07/05/18	115971	ET1124	4211 LAS PALMAS CIRCLE TRANSMISSION POLE REPLACEMENT	17,483	-	-
06/04/13	37715	ET3868	314 W FRONTON STREET REAR	7,919	7,919	-
06/26/13	38321	ET3876	TRANS POLE RELEASE 73 FM 511, INTERSECTION OF FM 511 & HERON COVE, AND NEAR INTERSECTION OF CANTU & CHEMICAL RD	4,173	4,173	-
04/29/16	42001 amended	ET3886	345KV TRANSMISSION LINE FROM THE TENASKA BROWNSVILLE GENERATING STATION (FM 511 & OLD ALICE) TO THE LOMA ALTA SUBSTATION	94,660	-	-
N/A	N/A	N/A	AIRPORT SUBSTATION, TRANSFORMER NO. 1 UPGRADE, 69 KV TO 138 KV	-	-	1,500,000
N/A	N/A	N/A	ELECTRIC UTILITY IMPROVEMENTS FOR AIRPORT PASSENGER TERMINAL EXPANSION PROJECT, BOARD-APPROVED ON 11/13/17	-	-	1,100,000
CARRYOVER TRANSMISSION CONSTRUCTION PROJECT TOTAL:				\$ 487,096	\$ 154,911	\$ 3,435,531
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 12,958,805	\$ 4,328,677	\$ 4,680,800
N/A	N/A	ED9001	NEW CONNECTIONS - ELECTRIC	331,069	-	-
03/27/12	31421	FD4186	ITECC WIND PROJECT	918	918	-
03/25/14	45897	FD4326	5101 ALTON GLOOR BLVD PLAZA VISTA	937	937	-
12/10/14	54889	FD4362	3595 RUBEN M TORRES BLVD	626	626	-
06/12/15	61733	FD4400	2719 BOCA CHICA BLVD	1,798	1,798	-
09/18/15	65208	FD4422	44 WESTERN BLVD	1,892	1,892	-
09/29/15	65527	FD4428	1401 YARD ROAD	4,773	4,773	-
11/04/15	66504	FD4434	2436 PABLO KISEL BLVD STAPLES	1,611	1,611	-
10/16/15	65933	FD4440	DOCK 15 OFF OF R.L. OSTOS RD	2,960	2,641	-
01/13/16	68084	FD4443	8155 PADRE ISLAND HWY	842	842	-
03/02/15	58149	FD4460	4157 N EXPREWAY 77/83 POLLO PALENQUE	11,643	-	-
11/09/16	82280	FD4496	2400 BOCA CHICA BLVD	1,266	-	-

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
11/21/17	82882	FD4504	1949 OLD PORT ISABEL RD ROXY TOWNHOUSES	11,148	11,148	-
01/19/17	86285	FD4509	315 PAREDES LINE RD	904	-	-
02/22/17	87475	FD4516	445 PALO VERDE DR	2,642	2,221	-
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	-
08/04/17	96578	FD4551	4216 JAIME J ZAPATA AVE	3,865	3,865	-
09/01/17	98100	FD4555	111 FLEETWOOD DRIVE	1,014	1,014	-
03/08/18	97423 amended	FD4556	222 EXPRESSWAY 77 NORTH FRONTAGE RD	21,673	287	-
11/17/17	102564	FD4567	1455 SOUTHMOST BLVD JUAN'S SEAFOOD	2,075	2,075	-
12/18/17	104444	FD4568	2701 E TYLER ST	680	208	-
04/11/18	103683 amended	FD4570	10 PROVIDENCIA CT	15,517	3,172	-
01/05/18	105328	FD4571	1141 E ELIZABETH ST	1,158	695	-
01/05/18	105341	FD4572	1115 PROFESSIONAL DR	4,564	4,564	-
01/10/18	105714	FD4575	328 LORENALY	2,945	-	-
07/31/17	96334	FD4577	2706 N CORIA ST LITTLE MOZART'S ACADEMY	5,122	-	-
02/09/18	107764	FD4579	2300 RUBEN M TORRES SR BLVD BLUE WAVE	926	588	-
01/23/18	106611	FD4580	2300 RUBEN M TORRES SR BLVD	18,441	-	-
02/12/18	107880	FD4581	US HIGHWAY 281 AND CARMEN AVENUE - ANTENNA CONNECTION	3,010	-	-
05/31/17	93117	FD4583	UNIVERSITY BLVD UNDERGROUND 3-PH PRIMARY	277,405	235,526	-
03/15/18	109844	FD4584	260 FRUITDALE	6,152	-	-
02/09/18	107763	FD4585	3200 OLD STATE HWY 48	17,370	-	-
12/28/17	104938	FD4587	616 N CENTRAL AVE	2,966	-	-

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
04/10/18	111095	FD4590	2235 E 16TH STREET	2,609	-	-
03/26/18	110479	FD4591	11700 OLD STATE HIGHWAY 48 BLUEWING (ONE CYPRESS TERMINALS)	28,913	28,913	-
07/30/18	110932 amended	FD4592	1175 ALTON GLOOR BLVD	22,001	1,609	-
04/11/18	111130	FD4593	1115 S CENTRAL AVENUE	2,059	2,059	-
04/06/18	110973	FD4594	17 MEDICAL DR	2,418	-	-
12/13/17	104099	FD4595	2070 W UNIVERSITY DR UTRGV INTERDISCIPLINARY ACADEMIC BUILDING	27,750	4,911	-
01/03/18	105128	FD4596	120 S VERMILLION AVE EDA AIRPORT CARGO FACILITY BUILDING	18,522	-	-
05/03/18	112569	FD4597	2235 E 16TH STREET	477	477	-
03/09/18	109529	FD4598	2564 E 30TH STREET T-MOBILE CELL TOWER	2,230	2,230	-
05/21/18	113326	FD4601	1325 PALM BLVD	8,233	-	-
05/29/18	113794	FD4602	1642 CLEVELAND ST	1,947	-	-
04/18/18	111530	FD4604	1764 MORNINGSIDE RD	1,582	-	-
06/20/18	115024	FD4605	567 W JEFFERSON ST TRINITY TOWNHOMES	3,224	3,224	-
07/05/18	115976	FD4607	750 N ANCHOR RD - GUARD SHACK	4,857	4,857	-
02/23/18	108581	FD4608	4375 MARTINAL RD	2,079	-	-
10/12/17	100331	FD4609	2225 ROOSEVELT ST TANGELO QUARTERS	18,974	-	-
07/06/17	95009	FD4610	350 EXPRESSWAY 77 NORTH FRONTAGE RD	15,876	15,876	-
08/08/18	118001	FD4612	855 E 5TH STREET	1,434	1,434	-
07/05/18	115962	FD4613	3802 E RUBEN TORRES BLVD	3,027	-	-
08/09/18	118091	FD4614	1914 E 14TH STREET ROBLES USED CAR LOT	996	-	-
08/13/18	118326	FD4615	120 MARIAN PL	2,229	-	-
02/12/18	107886	FD4616	835 N EXPRESSWAY	17,089	-	-

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
06/26/18	115472	FD4617	950 W RUBEN M. TORRES BLVD	3,698	-	-
08/22/18	118927	FD4618	2615 E PRICE RD HANNA HIGH SCHOOL PORTABLE CLASSROOMS	5,435	-	-
09/04/18	119612	FD4619	4375 PAREDES LINE ROAD HUNTINGTON APARTMENTS	8,150	-	-
09/04/18	119615	FD4620	1236 LAKESIDE BLVD	5,104	5,104	-
06/14/18	114840	FD4621	7092 OLD ALICE RD CAMERON COUNTY PUBLIC WORKS	18,594	-	-
08/27/18	119095	FD4622	3802 E RUBEN M. TORRES BLVD IDEA ACADEMY ROBINDALE ACADEMY	33,193	32,693	-
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ <u>1,026,535</u>	\$ <u>388,710</u>	\$ <u>-</u>
03/16/16	70844	ED5402	3777 N EXPRESSWAY 77/83 LAS PALMAS DEVELOPMENT	78,906	76,950	-
09/09/16	78905	ED5407	6008 DANUBIO CT TOWNHOMES	1,937	-	-
04/14/16	72388	ED5408	2675 E PRICE RD PLAZA EL CARIBE	35,931	22,710	-
11/16/16	82642	ED5417	LAGO BELLO SUBDIVISION OFF OF EXPRESSWAY 77 NORTH FRONTAGE RD	107,107	70,599	-
03/07/18	101229 amended	ED5418	ELM RIDGE SUBDIVISION SECTION I OFF OF FM 803	86,607	-	-
11/14/17	102345	ED5419	QUEENSLAND SUBDIVISION SECTION I OFF OF STAGECOACH TRAIL	76,798	5,996	-
03/09/18	109481	ED5420	LAGO VISTA SUBDIVISION SEC 2 PH 4 ALONG DOMINICA DR	82,475	19,843	-
02/27/18	108689	ED5421	XE FIGUEROA SUBDIVISION OFF OF ATHENS ST AND TURQUIA ST	11,614	-	-
02/08/18	107742	ED5422	PUNTO DE REYNAS SUBDIVISION OFF OF ROBINDALE RD AND RENATA DR	101,136	101,137	-
04/26/18	112095	ED5423	VILLAS AT SANTANDER SUBDIVISION OFF OF LAREDO RD AND OVIEDO DR	61,727	43,863	-
03/20/18	110098	ED5424	SUNLIGHT SUBDIVISION OFF OF FM 511	58,866	58,866	-

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
02/14/18	108061	ED5425	SANTANDER PHASE III SUBDIVISION OFF OF LAREDO RD	110,635	60,777	-
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ <u>1,210,558</u>	\$ <u>460,741</u>	\$ <u>-</u>
01/23/15	56368	ED7654	HUDSON BLVD - WALMART	967	967	-
09/07/17	98309	ED7726	DOWNTOWN AREA - FROM E 7TH STREET TOWARDS E 14TH STREET ON E ADAMS, E WASHINGTON, ELIZABETH AND E LEVEE STREETS	29,190	-	-
08/08/17	96763	ED7730	338 ARROYO BLVD	5,732	-	-
08/11/17	96956	ED7733	MADRID AVENUE	20,837	9,714	-
08/17/17	97301	ED7745	1000 SPORTS PARK BLVD	61,000	-	-
10/11/17	100294	ED7747	700 AMELIA EARHART DR ON TEOFILO CRIXELL ST BYPASS TO S MINNESOTA AVE	28,669	28,669	-
CARRYOVER STREET LIGHT PROJECT TOTAL				\$ <u>146,394</u>	\$ <u>39,349</u>	\$ <u>-</u>
N/A	N/A	ED6000	EMERGENCY TROUBLE CALL Activity for use when work order is not available at time of emergency.	1,173,291	-	-
03/27/13	36267	FD6443	183 E COWAN TERRACE	2,121	2,121	-
07/17/14	49620	FD6514	POLE CHANGED OUTS - RELEASE 77 AT THE PORT OF BROWNSVILLE ON R.L. OSTOS RD	8,568	8,568	-
03/24/14	45869	FD6525	101 BOXCAR RD	5,281	5,281	-
11/14/14	53955	FD6526	20000 SH 48 1500 KVA XFMR AT AMFELS	17,128	17,128	-
02/12/15	57380	FD6529	1455 ROBINHOOD DR	1,612	1,612	-
01/29/15	56612	FD6553	6280 SOUTHMOST BLVD AIKEN ELEMENTARY SCHOOL	2,964	2,964	-
10/28/15	66288	FD6558	902 CHEMICAL RD TRANSMONTAIGNE	913	913	-
05/09/16	73666	FD6581	2865 SOUTHMOST BLVD	365	365	-
03/28/16	71353	FD6583	1401 YARD ROAD	5,455	5,455	-
06/07/16	74904	FD6588	9155 RL OSTOS RD	3,010	3,010	-
10/24/16	81331	FD6603	1104 BOCA CHICA BLVD	1,702	1,702	-

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
01/20/17	81990	FD6605	20000 STATE HIGHWAY 48 OFF OF MARINE WAY RD - AMFELS INC	5,252	5,252	-
	amended					
06/13/17	93787	FD6631	433 CHAMPION DR	2,081	2,081	-
06/27/17	94607	FD6637	1214 PALM BLVD	598	598	-
11/22/16	82952	FD6640	1025 WILDROSE LN LOS CEDROS APARTMENTS	11,559	11,559	-
09/29/17	90369	FD6643	937 EXPWY 77 SOUTH FRONTAGE RD PEARL PLAZA	9,596	-	-
	amended					
09/11/17	98431	FD6649	MILITARY HWY - POLES BETWEEN W ALTON GLOOR BLVD AND W RUBEN TORRES BLVD	18,907	18,907	-
10/20/17	99736	FD6653	2800 ROCKWELL DR ST LUKE CATHOLIC CHURCH	6,286	-	-
	amended					
10/10/17	100232	FD6654	1330 W LEVEE ST	1,051	1,051	-
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	25,705	13,133	-
12/28/17	104936	FD6661	10150 OLD HWY 48 METER FOR TRANSMONTAIGNE	1,030	1,030	-
01/03/18	105209	FD6663	2701 E TYLER STREET	499	499	-
12/21/17	104685	FD6664	2615 E PRICE RD	800	800	-
04/12/18	107438	FD6667	64 S PRICE RD	7,140	7,140	-
	amended					
02/26/18	108617	FD6669	222 N EXPRESSWAY 77	2,448	2,448	-
03/16/18	109945	FD6672	6424 CALVIN ST	987	987	-
03/27/18	110566	FD6673	107 E MADISON ST	1,151	1,151	-
04/12/18	111204	FD6674	10150 OLD STATE HIGHWAY 48	5,724	5,724	-

Capital Project Listing – FY 2018
For All Carryover Electric Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
05/15/18	113057	FD6678	1335 MORNINGSIDE RD	1,359	1,359	-
05/31/18	113859	FD6679	454 AVENIDA DEL SOL	438	438	-
05/29/18	113788	FD6681	855 TAYLOR ST	1,049	1,049	-
05/25/18	113654	FD6682	3139 JAGUAR ST	4,216	4,216	-
06/14/18	114914	FD6684	7100 OLD ALICE RD CARRIZALES DETENTION CENTER	3,301	3,301	-
06/11/18	114615	FD6685	1420 MISSION BEND DR	1,829	1,829	-
06/21/18	115103	FD6686	1704 WILSON ST	1,531	1,531	-
06/12/18	114729	FD6687	6720 PAREDES LINE RD CK TECHNOLOGIES	39,809	39,809	-
07/26/18	117374	FD6688	1801 CAPTAIN DONALD FOUST RD	2,070	2,070	-
08/02/18	117731	FD6689	4901 CAPTAIN DONALD FOUST RD	19,912	19,912	-
08/01/18	117662	FD6691	3802 E RUBEN M TORRES BLVD IDEA PUBLIC SCHOOL	2,686	2,686	-
07/31/18	117585	FD6692	650 RINGGOLD ROAD	1,705	1,705	-
08/01/18	117700	FD6693	750 N ANCHOR RD	2,949	2,949	-
09/21/18	120712	FD6694	348 SOUTH DR	670	670	-
06/21/18	N/A	FL0618	EXPENDITURES FROM FLOOD OF JUNE 20-21, 2018	2,362	-	-
CARRYOVER TROUBLE CALL PROJECT TOTAL				\$ <u>1,410,839</u>	\$ <u>206,733</u>	\$ <u>-</u>
APPROVED CARRYOVER ELECTRIC UTILITY PROJECT TOTAL				\$ <u>16,911,412</u>	\$ <u>5,567,737</u>	\$ <u>4,680,800</u>

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**Capital Project Listing – FY 2018
For All Carryover Water Utility Projects
Improvement Fund (Fund 400)**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
04/23/18	79851 amended	WT1015	CAUSTIC SODA FEED IMPROVEMENTS AT WATER PLANT NO. 2	143,448	109,567	-
05/15/18	81897 amended	WD1021	WATER DISTRIBUTION SYSTEM VALVE REPLACEMENT PROJECT	555,806	79,849	-
04/19/18	83301 amended	WD1025	2.0 MG ELEVATED STORAGE TANK DESIGN PHASE	-	-	3,800,000
01/09/17	85681	WA1037	SEDIMENTATION BASIN LIGHTING REPLACEMENT AT WATER PLANT II	76,111	76,111	-
08/21/17	97493	WT1070	CAUSTIC STORAGE TANK AND CHEMICAL PLUMBING FOR WATER PLANT I	80,000	77,324	-
12/07/17	97527 amended	WT1071	HIGH SERVICE PUMP STATION NO. 5 REPLACEMENT FOR WATER PLANT I	117,182	88,184	-
08/21/17	97564	WT1072	FLOCCULATION BASIN B SLUICE GATES REPLACEMENT FOR WATER PLANT I	80,000	80,000	-
11/06/17	102007	WD1066	WATER SERVICE LINE AND METER FOR ODOR CONTROL MASTER PLAN, PHASE II, FOR LIFT STATION NO. 8, 30, 63, 64, 83, 106, 111 & 112	46,872	14,087	-
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 COFFEEPOR RD AND WOODSTONE DR; ENGINEERING PHASE	15,699	13,083	-
02/01/18	107226	WD1094	WEST 5TH STREET WATER MAIN LOOP OFF OF W FRONTON ST, W 5TH ST AND RAILROAD TRACKS; ENGINEERING PHASE	18,947	18,947	-
02/14/18	108058	WT1096	CAUSTIC SODA BULK TANK FOR WATER PLANT I	36,172	36,172	-
03/01/18	108926	WD1102	6-INCH WATER LINE EXTENSION FOR WATER PLANT 2	100,000	100,000	-
07/02/18	115827 amended	WA1118	CHLORINE STORAGE CANOPY FOR WATER TREATMENT PLANT NO. 1 AND 2	86,718	3,400	-
07/26/18	117321	WT1121	WTP NO. 1 CLARIFIER REHABILITATION ENGINEERING PHASE	9,009	8,598	-

Capital Project Listing – FY 2018
For All Carryover Water Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
06/16/11	28143	WD3765	8" WATER MAIN ALONG ALTON GLOOR INTERSECTION OF LAREDO RD AND SCAEFER LANE	13,386	13,386	-
09/18/12	32867 amended	WT3829	WATER PLANT #1 GATE VALVE	14,442	14,442	-
11/30/12	34085	WT3860	UPGRADE RAW WATER PUMPS FOR #3 AND #6 VARIABLE FREQUENCY DRIVES AT WTP #1	41,175	41,175	-
05/08/17	91971	WD3911	WATER CONNECTION TO LS 9, 65, 33, 20, 15, 41, 3 AND 4 AS PART OF ODOR CONTROL PROJECT	27,238	27,238	-
06/24/14	48851	WA3913	JARDIN TERRACE SUBDIVISION APPRAISAL OF LOTS	18	1,268	-
01/10/17	74389 amended	WA3998	2015 WWW MASTER PLAN & SYSTEM MODELS SUPPLEMENT AND ELEVATED WATER STORAGE TANK EVALUATION	11,422	11,422	-
N/A	N/A	N/A	PUMPING AND TREATMENT APPARATUS EQUIPMENT, BOARD-APPROVED ON 11/13/17	-	-	1,000,000
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 1,476,270	\$ 816,879	\$ 4,800,000
12/12/16	84033	WD5339	HOME 2 SUITES BY HILTON AT 717 SPRINGMART BLVD DEVELOPER INSTALLED IMPROVEMENTS	4,391	4,391	-
01/23/17	86471	WD5343	ELBLED SUBDIVISION CORNER OF LAREDO RD AND RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	4,535	4,535	-
06/29/17	94651	WD5350	RESACA CROSSING SUBDIVISION ON HUDSON BLVD AND RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	4,347	4,347	-
08/15/17	97180	WD5351	VILLARREAL GARCIA SUBDIVISION OFF OF VERMILLION ROAD DEVELOPER INSTALLED IMPROVEMENTS	2,336	2,058	-
08/25/17	97769	WD5352	THE WOODLANDS NO. 2-A SUBDIVISION DEVELOPER INSTALLED IMPROVEMENTS	635	-	-
10/23/17	100955	WD5354	QUEENSLAND SUBDIVISION ON STAGECOACH TRAIL AND DENNET RD DEVELOPER INSTALLED IMPROVEMENTS	544	75	-
10/24/17	101177	WD5355	PUNTO DE REYNAS SUBDIVISION OFF OF ROBINDALE RD AND RENATA DR DEVELOPER INSTALLED IMPROVEMENTS	1,077	1,077	-
12/07/17	103757	WD5357	MORRISON PLAZA PROJECT AT TIPTON MOTORS SUBDIVISION RE-PLAN NO. 1, LOT 1, BLOCK 1; DEVELOPER INSTALLED IMPROVEMENTS	1,737	1,316	-

Capital Project Listing – FY 2018
For All Carryover Water Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
02/26/18	107678 amended	WD5358	SANTANDER SUBDIVISION PHASE III OFF OF LAREDO ROAD DEVELOPER INSTALLED IMPROVEMENTS	2,186	868	-
02/21/18	108371	WD5359	LAGO VISTA SUBDIVISION SECTION II, PHASE IV OFF OF CARIBBEAN DRIVE AND DOMINICA DRIVE DEVELOPER INSTALLED IMPROVEMENTS	1,357	168	-
03/01/18	108923	WD5360	SAN RAFAEL SUBDIVISION OFF OF CENTRAL AVENUE AND SALIDA DE LUNA DEVELOPER INSTALLED IMPROVEMENTS	3,002	3,002	-
03/09/18	109487	WD5361	VILLAS AT SANTANDER SUBDIVISION OFF OF LAREDO ROAD DEVELOPER INSTALLED IMPROVEMENTS	4,407	1,847	-
03/13/18	109660	WD5362	SUNLIGHT SUBDIVISION OFF OF FM 511 DEVELOPER INSTALLED IMPROVEMENTS	833	833	-
03/23/18	110363	WD5363	UTRGV MULTIPURPOSE ACADEMIC CENTER OFF OF UNIVERSITY BLVD DEVELOPER INSTALLED IMPROVEMENTS	3,572	2,380	-
03/22/18	110319	WD5364	IDEA CAMP RIO OFF OF 280 FISH HATCHERY ROAD DEVELOPER INSTALLED IMPROVEMENTS	5,212	3,329	-
04/09/18	111078	WD5365	TANGELO QUARTERS ON ROOSEVELT ST BETWEEN TANGELO ST AND AVENIDA DEL ORO; DEVELOPER INSTALLED IMPROVEMENTS	3,094	2,826	-
05/02/18	112515	WD5366	TROPICAL TRAIL RV RESORT SUBDIVISION INTERSECTION OF FM 511 AND DR HUGH EMERSON RD DEVELOPER INSTALLED IMPROVEMENTS	4,424	4,351	-
05/24/18	113590	WD5367	XE FIGUEROA SUBDIVISION OFF OF ATHENS ST AND MORRISON ROAD DEVELOPER INSTALLED IMPROVEMENTS	283	283	-
06/25/18	115456	WD5368	LAGO VISTA SECTION 2 PHASE 5 OFF OF FM 1732 AND LAGO VISTA BLVD DEVELOPER INSTALLED IMPROVEMENTS	3,197	3,196	-
06/29/18	115696	WD5369	LA CANTERA LEGACY APARTMENTS OFF OF RUBEN M TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	4,029	4,029	-

Capital Project Listing – FY 2018
For All Carryover Water Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
07/02/18	115825	WD5370	CATALON (LOT 1) AND HUNTINGTON (LOT 2) CATALON AT PASEO DE LA RESACA AT C.S.R. DRIVE/HERITAGE TRAIL AND FM 1847 (PAREDES LINE ROAD) DEVELOPER INSTALLED IMPROVEMENTS	3,197	3,197	-
07/02/18	115838	WD5371	MACIAS EVENT CENTER OFF OF FM 802 / JACINTO ROAD DEVELOPER INSTALLED IMPROVEMENTS	3,674	3,674	-
07/10/18	116264	WD5372	IDEA ACADEMY ROBINDALE SUBDIVISION ON ROBINDALE RD / FM 802 DEVELOPER INSTALLED IMPROVEMENTS	4,693	4,693	-
07/10/18	116276	WD5373	EL NARANJAL SECTION 8 SUBDIVISION ON MARRS AVE & ARBOLEDA LN DEVELOPER INSTALLED IMPROVEMENTS	2,293	2,293	-
07/10/18	116207	WD5374	THE OAKS SUBDIVISION ON MERCEDES ROAD DEVELOPER INSTALLED IMPROVEMENTS	4,693	4,693	-
07/24/18	117135	WD5375	THE WOODLANDS 2-B SUBDIVISION OFF OF WOODLANDS AVENUE DEVELOPER INSTALLED IMPROVEMENTS	3,761	3,761	-
08/03/18	117799	WD5376	BUTTERFLY GROVE SUBDIVISION ON NARANJO ROAD AND OLD ALICE ROAD DEVELOPER INSTALLED IMPROVEMENTS	4,396	4,396	-
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ 81,906	\$ 71,619	\$ -
02/01/18	107227	WD6096	S OLD ALICE RD AND SUNSET DR UTILITY IMPROVEMENTS; ENGINEERING PHASE	35,616	19,280	-
02/01/18	107228	WD6097	TARA PLACE, DIX DRIVE AND HACIENDA LANE UTILITY IMPROVEMENTS OFF OF LA FERIA ROAD; ENGINEERING PHASE	27,348	20,514	-
02/20/18	108283	WD6100	GABRIEL STREET WATER SERVICE LINE CROSSINGS	76,604	76,604	-
03/27/18	110633	WD6101	624 VILLA VERDE WATER LINE ADJUSTMENT	640	-	-
06/29/18	115707	WD6102	GREENBRIAR AVENUE WATER IMPROVEMENTS - DESIGN PHASE	10,279	10,279	-
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 150,485	\$ 126,677	\$ -
N/A	N/A	WD9001	NEW CONNECTIONS-NO PROJ # ASSIGNED	734,890	4,490	-
07/10/15	62664	WD9275	UTILITY CONNECTION TO 60' X 24' BUILDING FOR CUSTOMER SERVICE AND INFORMATION TECHNOLOGY USE	14,818	11,233	-
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ 749,707	\$ 15,723	\$ -
APPROVED CARRYOVER WATER UTILITY PROJECT TOTAL				\$ 2,458,369	\$ 1,030,898	\$ 4,800,000

**Capital Project Listing – FY 2018
For All Carryover Wastewater Utility Projects
Improvement Fund (Fund 400)**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
10/31/17	95617 amended	SA1062	NWWTP ADMINISTRATION BUILDING IMPROVEMENTS	18,418	14,011	-
09/25/17	99408	ST1074	BIOFILTER 6" GRAVITY DRAIN LINE AT SOUTH WASTEWATER TREATMENT PLANT	19,934	19,934	-
03/09/18	109526	ST1103	NEW GRIT PUMP AT THE ROBINDALE WASTEWATER TREATMENT PLANT	24,882	1,441	-
05/17/18	113189	ST1114	RAS MAG METER REPLACEMENT AT SOUTH WASTEWATER TREATMENT PLANT	30,879	30,879	-
05/30/18	113930	SA1116	SOUTH WASTEWATER TREATMENT PLANT NORTH AND EASTERN FENCE REPLACEMENT	10,961	10,961	-
08/28/18	117318 amended	SA1120	ROBINDALE WWTP SIGN ENGINEERING AND CONSTRUCTION	25,165	-	-
09/20/18	64036 amended	ST3960	NWWTP UV STRUCTURE CANOPY AND MONORAIL CRANE - ENGINEERING PHASE	4,928	24,336	-
04/23/18	65505 amended	SC3961	LAS PALMAS MOBILE HOME PARK INSTALLATION OF PUBLIC SEWER SYSTEM	5,280	550	-
N/A	N/A	N/A	LIFT STATION REHABILITATIONS, BOARD-APPROVED ON 11/13/17	-	-	1,000,000
N/A	N/A	N/A	PUMPING AND TREATMENT APPARATUS EQUIPMENT, BOARD-APPROVED ON 11/13/17	-	-	1,000,000
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 140,448	\$ 102,113	\$ 2,000,000
There are no carryover projects in this category.						
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ -	\$ -	\$ -
N/A	N/A	SC6000	EMERGENCY WW REPLACEMENT	23,091	-	-
05/18/16	42044 amended	SP6083	LIFT STATION 45 REHABILITATION AT 2644 E PRICE RD	10,679	6,535	-
12/12/17	104049	SC6095	PALM VILLAGE UTILITY IMPROVEMENTS AT 1400 PALM BLVD; ENGINEERING PHASE	16,430	9,514	-
02/01/18	107229	SC6098	RENTFRO BLVD UTILITY IMPROVEMENTS FROM SHIDLER DRIVE TO EASTERN BLVD; ENGINEERING PHASE	15,579	9,813	-
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 65,779	\$ 25,862	\$ -

Capital Project Listing – FY 2018
For All Carryover Wastewater Utility Projects - Continued
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
07/29/16	30301 amended	SC9265	SOUTH COLONIAS OF BROWNSVILLE CORONADO, COLONIA 21 SUBDIVISION, DOCKBERRY ESTATES, MILPA VERDE, AND PALOMA BLANCA	88,500	88,500	-
07/29/16	30302 amended	SC9266	NORTH COLONIAS OF BROWNSVILLE LAS FLORES, PALACIOS, CENTRAL ESTATES, PRAXEDIS SALDIVAR, AND UNSERVED PORTIONS ALONG OLD PORT ISABEL RD	61,500	61,500	-
04/15/16	33849 amended	SC9272	FM 511-802 COLONIA AREAS CONSTRUCTION PHASE	-	-	50,000
10/13/16	80734	SC9278	404 E WASHINGTON STREET	2,788	2,788	-
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ 152,788	\$ 152,788	\$ 50,000
APPROVED CARRYOVER WASTEWATER UTILITY PROJECT TOTAL				\$ 359,016	\$ 280,764	\$ 2,050,000

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Capital Project Listing – FY 2018
For All Carryover Water & Wastewater Utility Projects
Improvement Fund (Fund 400)

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
06/07/18	112900 amended	WD1110	BROWNSVILLE AIRPORT TERMINAL PROJECT AT 700 AMELIA EARHART DR	8,905	8,788	-
06/07/18	112909 amended	SC1110	DEVELOPER INSTALLED IMPROVEMENTS	11,021	10,903	-
05/24/18	110883 amended	WD3966	SERVICE CENTER YARD UTILITY IMPROVEMENTS	4,210	-	-
05/24/18	110884 amended	SC3966		4,210	-	-
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 28,346	\$ 19,691	\$ -
10/12/15	65798	WD5327	WINDSOR SUBDIVISION	5,063	5,063	-
	65799	SC5327	3705 BOCA CHICA BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ 5,063	\$ 5,063	\$ -
02/01/18	107271	WD6099	LOS EBANOS BLVD UTILITY IMPROVEMENTS	31,335	20,696	-
02/01/18	107265	SC6099	BETWEEN EAST DRIVE AND HONEYDALE ROAD; ENGINEERING PHASE	19,935	5,479	-
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 51,269	\$ 26,175	\$ -
over projects in this category.						
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ -	\$ -	\$ -
APPROVED CARRYOVER WATER & WASTEWATER UTILITY PROJECT TOTAL				\$ 84,679	\$ 50,929	\$ -

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**Summary Expenditure Report
For All Carryover Projects – FY 2018
For All Other Capital Funds**

	<u>FY 2018 BEGINNING BALANCE</u>	<u>FY 2018 ENDING BALANCE</u>	<u>DEFERRED BUDGET</u>	<u>FISCAL YEAR 2019 FUNDING</u>	<u>FY 2019 APPROVED BUDGET</u>
FUTURE DEBT BOND PROCEEDS PROJECTS (COMMERCIAL PAPER FUND 405) TOTAL	\$ 11,057,129	\$ 7,054,537	\$ 17,086,261	8,939,251	\$ 33,080,049
IMPACT FEES (FUND 410) TOTAL	141,005	140,946	-	2,298,526	2,439,472
GRANT FUNDS (FUND 200) TOTAL	2,334,282	501,662	-	720,239	1,221,901
OTHER CAPITAL FUNDS PROPOSED BUDGET TOTAL	<u>\$ 13,532,416</u>	<u>\$ 7,697,145</u>	<u>\$ 17,086,261</u>	<u>\$ 11,958,016</u>	<u>\$ 36,741,422</u>

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**Capital Project Listing – FY 2018
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405)**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
09/20/16	79461	SP1009	LS 63 MOTOR CONTROL CENTER BUILDING AND ELECTRICAL UPGRADES	7,206	2,182	-
09/21/16	79488	SP1011	LIFT STATION NO. 44 REHABILITATION AT 45 TAN OAK CIRCLE	19,008	19,008	-
09/22/16	79548	SP1012	LIFT STATION NO. 68 REHABILITATION AT 4700 STAGECOACH TRAIL	18,962	18,962	-
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	18,386	-	-
04/19/18	83301 amended	WD1025	2.0 MG ELEVATED STORAGE TANK DESIGN PHASE	332,412	97,064	-
02/22/18	83653 amended	SA1028	SWWTP AERATION BASIN #2 GUARDRAIL REPLACEMENT	196,632	18,987	-
02/13/17	87914	SP1045	LIFT STATION NO. 63 PUMP REPLACEMENT	9,988	9,988	-
04/21/17	91236	SP1051	LIFT STATION NO 8 AND 41 REHABILITATION AT 2702 LA VILLITA ST AND 2341 E LOS EBANOS BLVD	9,339	-	-
05/21/18	91395 amended	SA1052	LIFT STATION NO 130 FENCE REPLACEMENT AT 3299 EMERALD VALLEY BLVD	51,303	-	222,261
06/29/18	77785 amended	ET1058	POWER PLANT 138 KV DISTRIBUTION SUBSTATION CONVERSION FROM 69 KV	3,018,991	2,177,477	-
06/11/18	93699 amended	SP1066	ODOR CONTROL MASTER PLAN, PHASE II FOR EIGHT WASTEWATER LIFT STATIONS	3,049,385	2,915,297	-
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	70,646	70,646	-
03/27/18	110613	SP1105	LIFT STATION NO. 63 PUMP REPLACEMENT	64,936	64,936	-
03/27/18	110639	SP1106	LIFT STATION NO. 65 PUMP REPLACEMENT	49,218	49,218	-
06/22/18	113929 amended	WD1115	GAZELLE STREET UTILITY IMPROVEMENTS	116,489	116,489	-
06/29/18	113975 amended	SC1115	GAZELLE STREET UTILITY IMPROVEMENTS	162,625	162,625	-
12/03/13	42653	WD3888	MARTINAL AREA WATER SYSTEM LOOPS OFF OF OLD PORT ISABEL ROAD AND FM 802 - ENGINEERING PHASE	22,809	22,809	-

Capital Project Listing – FY 2018
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
02/05/14	44172	WA3897	WATER TREATMENT #2 ROOF REPLACEMENT	2,084	2,084	-
08/09/17	47262 amended	EA3909	ELECTRIC SCADA SYSTEM - INSTALLATION AND REPLACEMENT	1,236,704	719,580	-
06/21/17	60914 amended	SP3951	IMPROVEMENTS TO LIFT STATION NO. 6 AND NO. 108	515,998	61,382	-
04/23/18	65505 amended	SC3961	LAS PALMAS MOBILE HOME PARK INSTALLATION OF PUBLIC SEWER SYSTEM	465,100	47,443	-
05/30/18	68332 amended	GA3966	FM 511 FACILITIES RELOCATION PROJECT	500,000	-	16,864,000
09/22/14	51796	SC5303	MAYORCA VILLAS SUBDIVISION CORNER OF JOSE MARTI AND LA PAZ COURT DEVELOPER INSTALLED IMPROVEMENTS	1,554	-	-
12/16/14	55114	WD5310	LOS SABALES SUBDIVISION AT VICC ON OLD HWY 77 AND INTERNATIONAL DR DEVELOPER INSTALLED IMPROVEMENTS	3,324	3,324	-
05/18/15	60951	SC5321	TIKUN PLAZA WASTEWATER LINE EXTENSION ON WEST ALTON GLOOR BLVD AND LAREDO RD DEVELOPER INSTALLED IMPROVEMENTS	4,865	-	-
01/23/17	86474	SC5343	ELBLED SUBDIVISION CORNER OF LAREDO RD AND RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	7,321	-	-
03/16/17	89514	SC5346	BMRSO, LLC SUBDIVISION OFF OF ALTON GLOOR BLVD / WINDWOOD WAY DEVELOPER INSTALLED IMPROVEMENTS	22	-	-
05/03/17	91733	SC5347	CST #1859 SUBDIVISION AT FM 802 (RUBEN TORRES) AND CENTRAL AVENUE DEVELOPER INSTALLED IMPROVEMENTS	932	-	-
05/16/17	92383	SC5348	CROSS COUNTRY TRAILS SECTION 7 SUBDIVISION AT ABILENE TRAIL / BUCKEYE COURT DEVELOPER INSTALLED IMPROVEMENTS	1,961	-	-
06/26/17	94518	SC5349	SILVER CREEK SUBDIVISION ON PAREDES LINE RD BETWEEN MORRISON RD AND ALTA MESA BLVD DEVELOPER INSTALLED IMPROVEMENTS	945	-	-
06/29/17	94653	SC5350	RESACA CROSSING SUBDIVISION ON HUDSON BLVD AND RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	3,353	-	-
08/15/17	97181	SC5351	VILLARREAL GARCIA SUBDIVISION OFF OF VERMILLION ROAD DEVELOPER INSTALLED IMPROVEMENTS	2,291	-	-
08/25/17	97770	SC5352	THE WOODLANDS NO. 2-A SUBDIVISION DEVELOPER INSTALLED IMPROVEMENTS	635	-	-

**Capital Project Listing – FY 2018
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
10/23/17	100961	SC5354	QUEENSLAND SUBDIVISION ON STAGECOACH TRAIL AND DENNET RD DEVELOPER INSTALLED IMPROVEMENTS	6,397	-	-
10/24/17	101194	SC5355	PUNTO DE REYNAS SUBDIVISION OFF OF ROBINDALE RD AND RENATA DR DEVELOPER INSTALLED IMPROVEMENTS	6,973	-	-
11/08/17	102092	SC5356	LAGO VISTA SUBDIVISION SECTION III, PHASE III DEVELOPER INSTALLED IMPROVEMENTS	662	-	-
12/07/17	103758	SC5357	MORRISON PLAZA PROJECT AT TIPTON MOTORS SUBDIVISION RE-PLAN NO. 1, LOT 1, BLOCK 1; DEVELOPER INSTALLED IMPROVEMENTS	1,920	-	-
02/26/18	107673 amended	SC5358	SANTANDER SUBDIVISION PHASE III OFF OF LAREDO ROAD DEVELOPER INSTALLED IMPROVEMENTS	7,462	-	-
02/21/18	108378	SC5359	LAGO VISTA SUBDIVISION SECTION II, PHASE IV OFF OF CARIBBEAN DRIVE AND DOMINICA DRIVE DEVELOPER INSTALLED IMPROVEMENTS	4,362	-	-
03/01/18	108924	SC5360	SAN RAFAEL SUBDIVISION OFF OF CENTRAL AVENUE AND SALIDA DE LUNA DEVELOPER INSTALLED IMPROVEMENTS	3,202	3,202	-
03/09/18	109486	SC5361	VILLAS AT SANTANDER SUBDIVISION OFF OF LAREDO ROAD DEVELOPER INSTALLED IMPROVEMENTS	90	-	-
03/13/18	109655	SC5362	SUNLIGHT SUBDIVISION OFF OF FM 511 DEVELOPER INSTALLED IMPROVEMENTS	3,478	-	-
03/13/18	109748	SC5364	IDEA CAMP RIO OFF OF 280 FISH HATCHERY ROAD DEVELOPER INSTALLED IMPROVEMENTS	6,177	5,965	-
04/09/18	111079	SC5365	TANGELO QUARTERS ON ROOSEVELT ST BETWEEN TANGELO ST AND AVENIDA DEL ORO; DEVELOPER INSTALLED IMPROVEMENTS	3,788	929	-
05/24/18	113592	SC5367	XE FIGUEROA SUBDIVISION OFF OF ATHENS ST AND MORRISON ROAD DEVELOPER INSTALLED IMPROVEMENTS	1,553	-	-
06/25/18	115458	SC5368	LAGO VISTA SECTION 2 PHASE 5 OFF OF FM 1732 AND LAGO VISTA BLVD DEVELOPER INSTALLED IMPROVEMENTS	3,463	-	-
06/29/18	115695	SC5369	LA CANTERA LEGACY APARTMENTS OFF OF RUBEN M TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	3,777	-	-

Capital Project Listing – FY 2018
For All Carryover Projects
Future Debt Bond Proceeds Projects (Commercial Paper Fund 405) – Continued

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
07/02/18	115842	SC5370	CATALON (LOT 1) AND HUNTINGTON (LOT 2) CATALON AT PASEO DE LA RESACA AT C.S.R. DRIVE/HERITAGE TRAIL AND FM 1847 (PAREDES LINE ROAD) DEVELOPER INSTALLED IMPROVEMENTS	3,604	-	-
07/11/18	116305	SC5372	IDEA ACADEMY ROBINDALE SUBDIVISION ON ROBINDALE RD / FM 802 DEVELOPER INSTALLED IMPROVEMENTS	5,659	-	-
07/11/18	116304	SC5373	EL NARANJAL SECTION 8 SUBDIVISION ON MARRS AVE & ARBOLEDA LN DEVELOPER INSTALLED IMPROVEMENTS	2,558	-	-
07/10/18	116208	SC5374	THE OAKS SUBDIVISION ON MERCEDES ROAD DEVELOPER INSTALLED IMPROVEMENTS	5,659	-	-
07/24/18	117144	SC5375	THE WOODLANDS 2-B SUBDIVISION OFF OF WOODLANDS AVENUE DEVELOPER INSTALLED IMPROVEMENTS	4,854	-	-
08/03/18	117802	SC5376	BUTTERFLY GROVE SUBDIVISION ON NARANJO ROAD AND OLD ALICE ROAD DEVELOPER INSTALLED IMPROVEMENTS	7,923	-	-
06/30/17	42044 amended	SP6083	LIFT STATION 45 REHABILITATION AT 2644 E PRICE RD	551,834	316,358	-
01/07/16	67840	WD6092	RINGGOLD STREET	27,425	25,206	-
07/29/16	62409 amended	SC6092	UTILITY LINE IMPROVEMENTS	2,138	-	-
08/28/17	97815	WD6093	ROOSEVELT STREET	12,767	12,767	-
08/28/17	97813	SC6093	UTILITY LINE IMPROVEMENTS	12,767	10,034	-
11/14/17	97838 amended	SC6094	PALO VERDE SEWER REHABILITATION	20,428	11,524	-
N/A	N/A	SC9001	NEW CONNECTIONS-NO PROJ # ASSIGNED	291,735	-	-
05/28/15	33849 amended	SC9272	FM 511-802 COLONIA AREAS CONSTRUCTION PHASE	68,080	68,080	-
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 11,057,129	\$ 7,054,537	\$ 17,086,261
ELECTRIC UTILITY TOTAL:				\$ 4,255,695	\$ 2,897,057	\$ -
GENERAL & ADMINISTRATIVE UTILITY:				500,000	-	16,864,000
WATER UTILITY TOTAL:				517,309	279,743	-
WASTEWATER UTILITY TOTAL:				5,784,125	3,877,737	222,261
OVERALL CARRYOVER COMMERCIAL PAPER FUND TOTAL				\$ 11,057,129	\$ 7,054,537	\$ 17,086,261

**Capital Project Listing – FY 2018
For All Carryover Projects
Impact Fees Fund Projects (Fund 410)**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
05/26/17	81898 amended	WD1022	16-INCH WATERLINE LOOP FROM W. ALTON GLOOR BLVD TO LAGO VISTA	141,005	140,946	-
APPROVED CARRYOVER IMPACT FEES FUND PROJECT TOTAL				\$ 141,005	\$ 140,946	\$ -

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**Capital Project Listing – FY 2018
For All Carryover Projects
Grant Proceeds (Fund 200)**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2018 BEGINNING BALANCE	FY 2018 ENDING BALANCE	DEFERRED FY 2019+ BUDGET
06/26/18	65637	SC9276	FM 511-802 RESIDENTIAL CONNECTIONS BORDER ENVIRONMENT COOPERATION COMMISSION / NORTH AMERICAN DEVELOPMENT BANK BORDER ENVIRONMENT INFRASTRUCTURE FUND	2,334,282	501,662	-
	amended					
APPROVED CARRYOVER GRANTS FUND PROJECT TOTAL				\$ 2,334,282	\$ 501,662	\$ -

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GRANTS

**Grant Schedule
As of September 30, 2018**

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									
ENVIRONMENTAL PROTECTION AGENCY									
<i>Project Name: Resaca Restoration Wetlands</i>									
CFDA # 66.461	1/1/2016	1/1/2018	CD-01F10701-0	220,787	161,840	RESWET	\$ 161,840	\$ 161,840	\$ -
			\$ 220,787	\$ 161,840		\$ 161,840	\$ 161,840	\$ -	
DEPARTMENT OF THE INTERIOR THROUGH THE BUREAU OF RECLAMATION									
<i>Small Scale Water Efficiency Projects</i>									
CFDA # 15.507	3/20/2018	3/31/2019	R17AP00172	149,778	72,868		\$ -	\$ -	\$ -
			\$ 149,778	\$ 72,868		\$ -	\$ -	\$ -	
ENVIRONMENTAL PROTECTION AGENCY in connection with BORDER ENVIRONMENT COOPERATIVE COUNCIL									
<i>Program: Congressionally Mandated Projects</i>									
<i>Project Name: BPUB Residential Connections</i>									
CFDA # 66.202	2/23/2016	2/23/2019	TX0470	3,628,140	3,628,140	SC9276	\$ 2,719,885	\$ 2,719,885	\$ -
			\$ 3,628,140	\$ 3,628,140		\$ 2,719,885	\$ 2,719,885	\$ -	
DEPARTMENT OF THE INTERIOR THROUGH THE BUREAU OF RECLAMATION									
<i>Program: Secure Water Act</i>									
<i>Project Name: SRWA Wellfield Monitoring Program</i>									
CFDA # 15.507	10/1/2015	10/1/2017	R15AP00182	600,000	298,500	WS1004	\$ 298,500	\$ 298,500	\$ -
			\$ 600,000	\$ 298,500		\$ 298,500	\$ 298,500	\$ -	
Total Expenditures and Disbursements of Federal Awards						\$ 3,180,225	\$ 3,180,225		

Grant Schedule
As of September 30, 2018 - Continued

Federal Grantor/Pass-Through Grantor/Program Title/Grant No.	Grant Period	Total Project Cost	Approved Grant Funding	BPUB Activity Number	Grant Expenditures Requested	Reimbursements Received	Due From Government
	From	To					
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							
MILLENNIAL RETENTION	4/1/2017	3/31/2018	CPS HR CONSULTING	MRETEN			
			\$ 20,000	\$ 20,000	\$ 9,035	\$ 9,035	\$ -
			\$ 20,000	\$ 20,000	\$ 9,035	\$ 9,035	\$ -
Total Expenditures and Disbursements of Local Awards					\$ 9,035	\$ 9,035	
Total Expenditures and Disbursements of Federal, State, Local Awards and TWDB Bonds					\$ 27,554,693	\$ 27,554,693	

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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.

Contents	Page
Operations Expenses Analysis by Account This schedule contains information to help the reader understand the Brownsville Public Utilities Operations & Maintenance expenses at the account level for prior years, the current year and the budget year.	Appendix A 379-381
BPUB Description and Utility Service Territory Maps These schedules include supplemental data that describe the organization, the community, and service territory.	Appendix B 382-388
Glossary This schedule includes any terminology (including abbreviations and acronyms) that are not readily understandable.	Appendix C 389-398
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.	Appendix D 400-402
Revenue Capacity These schedules contain information to help the reader access the Brownsville PUB's local revenue source.	Appendix D 404-408
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.	Appendix D 410
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.	Appendix E 412-419
Operating Information These schedules contain service and infrastructure data to help the reader understand how the information in the Brownsville PUB's financial report relates to the service Brownsville PUB provides and activities it performs.	Appendix F 422-425

OPERATIONS EXPENSE ANALYSIS BY ACCOUNT

Account	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Amended Budget 2018	Unaudited Actual 2018	Approved Budget 2019
Personnel O&M							
6101 Supervision	\$ 5,054,537	\$ 5,051,308	\$ 5,719,467	\$ 6,306,819	\$ 6,517,961	\$ 6,734,999	\$ 6,598,190
6105 Administrative Staff	3,461,896	3,729,706	4,013,400	4,576,749	4,886,623	4,841,639	5,156,074
6110 Clerical staff	2,788,553	2,785,339	2,878,461	2,863,535	3,020,194	2,915,192	3,059,501
6115 Operational staff	9,942,438	10,409,084	10,383,521	10,632,632	11,622,787	10,835,777	11,519,238
6120 Part-time staff	281,357	153,271	214,176	191,062	202,496	237,599	152,990
6130 Overtime	870,301	993,021	800,394	1,089,558	892,936	1,254,071	1,212,438
6140 Severance Pay	5,856	-	61,017	-	-	9,756	-
6201 T.M.R.S.	3,173,825	2,286,132	4,339,028	6,155,520	4,647,535	4,783,762	4,659,688
6205 F.I.C.A.	1,340,387	1,378,593	1,421,447	1,506,222	1,625,018	1,564,978	1,640,609
6206 Suta	39,666	10,578	26,372	61,752	-	11,019	-
6210 Medicare	316,747	327,293	339,549	360,492	380,044	373,966	384,047
6214 Dental Insurance	134,241	136,085	137,682	139,156	156,427	141,768	155,613
6215 Hospitalization insurance	3,905,342	3,930,969	4,414,711	4,650,152	5,176,504	4,773,446	5,218,981
6216 Other Post-Employment Benefits (ins)	1,122,644	895,643	808,372	831,691	900,000	900,000	900,000
6220 Life Insurance	29,242	30,404	31,642	39,571	37,003	28,508	31,151
6221 Long Term Disability Insurance	54,996	57,157	59,593	(11,103)	53,719	17,552	52,510
6225 Workers Compensation	597,880	620,706	623,904	659,233	655,249	682,415	662,150
6230 Vacation leave	169,716	105,668	30,308	300,656	314,527	90,839	335,531
6235 Sick leave	456,501	195,783	317,970	596,233	345,721	272,034	369,095
6240 Educational assistance	10,288	490	7,518	20,913	43,200	20,335	23,740
6242 Auto Benefits	92,366	92,943	83,864	86,637	87,000	87,006	87,000
6243 Telephone Benefits	15,315	15,444	14,004	15,117	15,121	15,122	15,121
6250 Miscellaneous personnel benefits	62,539	67,466	166,700	78,434	480,500	118,922	1,253,300
6260 Vacancy Savings	-	-	-	-	(1,912,310)	-	(1,925,729)
6270 Retention Plan Budget	-	-	-	-	25,000	-	-
Personnel O&M Total	33,926,631	33,273,082	36,893,098	41,151,030	40,173,256	40,710,705	41,561,239
Non-personnel O&M							
7101 Advertising	243,966	266,739	180,647	177,220	354,000	183,090	476,300
7102 Sponsorships	178,610	180,095	156,750	160,650	104,500	161,800	198,700
7105 Books & periodicals	23,359	14,276	12,227	35,503	35,526	11,191	39,143
7110 Dues & memberships	181,963	188,045	170,109	187,042	131,044	164,217	148,236
7115 Educational material	11,679	21,017	23,096	46,841	57,550	20,610	38,650
7120 Office supplies	163,121	178,402	167,112	165,676	217,500	147,218	216,700
7125 Photo equipment/supplies	689	255	711	1,381	7,900	201	18,900
7130 Postage/shipping charges	362,181	360,069	353,948	343,902	401,370	351,450	409,475
7135 Telephone expenses	293,172	303,715	448,567	379,564	376,962	323,022	382,350
7140 Training expenses	137,352	150,823	198,562	173,401	250,000	190,221	283,555
7145 Travel expenses	272,515	244,293	311,336	292,817	345,932	317,378	426,962
7147 Mileage Reimbursement (InTownExp)	308	561	651	176	3,460	468	3,282
7150 Recruitment Expenses	5,986	1,985	4,058	4,999	17,740	1,257	14,000
7155 Initial Certificatn/Licensing Reimb	-	-	829	460	12,000	-	12,000
7180 Utilities - departmental	2,568,022	2,679,485	2,759,301	2,628,572	2,763,824	2,601,678	2,708,324
7190 Utilities - CP&L & Mvec	112,004	108,503	102,037	92,994	103,690	94,134	103,690
7199 Miscellaneous office expenses	-	513	-	249	2,000	-	2,000
7201 Barricades & signs	3,133	2,011	1,844	7,003	10,950	4,775	22,820
7203 Sand, Caliche, Gravel, Concrete etc	192,248	282,806	362,621	151,857	275,300	177,968	286,719
7205 Lamps, globes & flares	3,060	10,360	6,328	3,738	14,000	13,117	30,000
7210 Landscaping/Trade a Tree Program	2,531	8,644	2,493	5,379	11,250	3,451	14,750
7215 Laundry & janitorial supplies	4,493	6,283	3,906	5,492	8,335	3,978	8,450
7220 Medical supplies	664	492	302	-	3,100	176	3,100
7225 Safety supplies	71,629	110,880	97,641	101,307	150,345	103,408	166,182
7251 Purchased of Raw Water	31,540	12,494	17,421	41,913	50,000	31,703	50,000
7279 Ultraviolet light system expenses	-	-	-	37,308	100,930	64,831	100,930
7280 Chemicals - activated carbon	61,607	41,470	61,363	61,108	73,383	56,967	70,702
7281 Chemicals - ammonia	100,235	89,080	88,240	92,459	117,770	97,683	103,922
7282 Chemicals - caustic soda	54,653	60,760	65,338	41,024	95,908	108,291	154,581
7283 Chemicals - chlorine	195,424	194,286	204,344	204,156	229,636	183,820	257,474
7284 Chemicals - coagulant	951,586	823,892	697,001	662,419	914,520	772,027	889,291
7285 Chemicals - copper sulphate	2,311	-	2,700	-	5,000	3,935	5,000
7286 Chemicals - deodorants	4,504	6,413	7,688	8,922	12,400	8,429	12,200
7288 Chemicals - ferric chloride	-	-	-	-	-	6,638	-
7290 Chemicals - sodium chloride	138,707	104,313	100,659	96,997	133,238	108,709	138,700
7293 Chemicals - other	1,768,143	1,522,492	1,635,142	1,098,473	1,027,979	662,569	546,226
7299 Other materials & supplies	1,395,590	1,570,181	1,433,044	1,528,162	1,499,848	1,598,990	1,599,152
7301 Bad debt expense	2,721	510,974	652,361	1,046,123	840,000	396,665	899,500
7302 Bankruptcy expenses	-	-	(4,865)	1,225	-	-	-
7304 Hurricane Preparedness Expenses	80,827	206,200	220,972	216,611	230,700	218,742	230,700
7305 ERCOT expenses	1,567,229	1,247,000	257,995	678,728	1,165,000	1,056,898	1,650,000

OPERATIONS EXPENSE ANALYSIS BY ACCOUNT – CONTINUED

Account	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Amended Budget 2018	Unaudited Actual 2018	Approved Budget 2019
Non-personnel O&M - cont.							
7310 Federal, state, & local fees	394,911	376,623	405,776	479,293	509,135	426,979	489,135
7315 Food, meals, ice, water	46,971	55,652	49,168	55,446	79,602	55,384	82,871
7320 Official functions	31,488	34,406	28,313	30,438	67,000	24,905	65,235
7322 Recognition Program	66,660	66,228	72,491	71,523	100,150	67,988	100,150
7325 Rental of equip/storage/land	404,484	401,475	454,255	434,021	626,570	570,419	703,087
7330 Right of way fees	53,329	51,384	44,068	33,240	55,000	48,834	62,000
7335 Wearing apparel & dry goods	224,342	260,935	266,324	296,757	257,105	418,297	264,328
7340 Promo Exp-Enrgy Efficiency & Consv	27,984	25,513	27,141	26,011	37,500	23,859	38,000
7345 Rebate Exp-Enrgy Efficiency & Cnsv	153,781	187,728	297,430	244,929	160,000	258,935	235,000
7346 Water Efficiency Program	-	-	-	10,831	10,000	5,986	10,000
7347 Commercial & Industrial Rebate Prog	-	-	143,818	193,851	250,000	151,386	235,000
7348 Customer Assistance Program	-	-	12,739	19,085	50,000	20,695	50,000
7380 Insurance - general liability	64,497	64,882	66,058	52,623	92,000	62,357	75,000
7381 Insurance - boiler,mchnry,property	1,063,925	1,046,039	1,002,998	1,030,357	1,200,000	929,602	1,225,000
7382 Insurance - blanket bond	1,582	4,040	4,141	4,191	3,000	3,706	4,500
7384 Insurance - public officials liab	74,241	73,611	67,870	66,497	80,750	64,142	76,500
7385 Insurance - comprehensive auto liab	103,845	109,393	107,236	118,506	140,000	136,025	165,000
7386 Insurance - umbrella liability	350,956	397,767	397,707	399,491	500,000	444,123	540,000
7387 Insurance - self insured damages	53,544	114,156	75,098	77,106	200,000	14,695	225,000
7388 Excess Workers Compensation	63,039	70,740	69,580	63,660	-	55,057	-
7405 Auto body repairs	22,983	14,584	8,611	18,867	15,000	12,185	15,000
7410 Batteries	13,209	15,548	16,016	20,567	15,000	9,791	15,000
7415 Fuels & lubricants	814,117	650,581	475,738	529,654	733,348	640,533	693,798
7420 Parts	295,817	295,485	396,709	375,199	280,000	437,151	280,000
7425 Road service	7,405	22,433	24,266	25,710	15,000	27,346	15,000
7430 Tires	65,964	73,656	85,115	97,441	85,000	87,606	85,000
7501 Maint. of buildings & structures	67,103	33,717	208,083	107,279	188,794	78,093	362,900
7505 Maint. of communication equipment	7,817	8,326	12,856	31,712	75,350	8,895	30,350
7515 Maint. of major equipment	1,715,075	1,018,238	388,253	387,352	2,151,750	1,955,567	635,500
7520 Maint. of minor equipment	63,469	40,879	68,040	101,049	78,260	44,021	73,710
7525 Maint. of boiler plant	90,201	140,150	305,113	166,938	137,000	230,693	167,500
7530 Maint. of electric meters	84,934	73,161	106,787	128,331	120,000	207,575	150,000
7535 Maint. of electric plant	-	-	-	-	-	167	-
7540 Maint. of line transformers	189,778	79,351	86,326	140,489	219,000	81,977	161,000
7550 Maint. of overhead lines	87,341	56,524	89,311	41,872	103,000	123,655	91,000
7555 Maint. of station equipment	11,026	17,072	69,057	42,235	75,000	20,195	80,000
7565 Maint. of street lighting & signals	218,624	223,587	172,126	163,327	245,200	192,632	150,000
7570 Maint. of underground lines	112,632	213,488	363,392	297,007	251,000	370,305	335,000
7574 Maintenance of wells	3,617	2,673	12,053	10,870	16,400	51,048	66,000
7575 Maint. of water meters	218,713	178,775	361,889	268,530	350,000	384,533	425,000
7577 Maint. of distribution mains	129,656	147,029	162,839	111,944	200,000	76,604	150,000
7580 Maint. of reservoirs	63,289	106,433	148,145	51,928	375,000	261,690	340,000
7581 Maint. of resacas	94,789	318,606	332	3,581	105,100	6,777	110,000
7585 Maint. of sewer force mains	18,846	21,814	6,663	4,073	50,000	4,243	50,000
7586 Maint. of sewer gravity lines	145,077	184,828	36,947	18,860	140,000	61,125	80,000
7599 Maintenance / other	366,428	118,443	67,908	69,740	96,500	58,524	130,500
7601 Legal Fees	1,599,280	1,485,930	1,630,144	2,243,880	1,748,000	1,924,484	1,836,500
7605 Engineering fees	1,544,181	588,904	581,480	540,408	1,379,200	335,619	769,150
7610 Financial advisor services	95,461	60,591	63,669	60,000	85,000	69,681	85,000
7615 External auditor fees	72,000	50,500	58,000	50,000	60,000	56,500	60,000
7620 Environmental consulting fees	56,531	129,307	91,809	59,606	100,000	89,836	100,000
7630 Construction contractor services	352,390	468,810	583,735	387,892	390,989	493,814	622,000
7635 Software maintenance service fees	652,906	809,413	925,227	930,588	1,269,616	866,411	1,412,039
7645 Maintenance services	1,544,764	1,424,360	1,641,312	1,761,832	2,420,400	2,878,604	3,147,297
7650 Security services	332,990	330,795	387,497	510,467	639,004	512,377	1,004,984
7655 Hauling Services	137,067	143,216	78,519	103,585	113,500	76,175	112,000
7660 Ground Keeping Maintenance	148,436	196,978	293,365	324,158	350,000	304,297	375,000
7697 O&M Contingency-Maintenance Pool	-	-	-	-	500,000	-	500,000
7698 O&M Contingency-Budget Pool	-	-	-	-	732,000	-	807,000
7699 Other services	2,523,965	2,760,875	3,377,486	3,461,446	5,575,094	3,387,794	5,611,182
7801 Communication equipment	39,389	117,687	52,363	70,782	79,800	90,158	45,100
7805 Computer equipment	361,116	340,458	268,894	216,744	438,141	305,928	460,932
7806 Software licenses-new	33,385	97,101	29,833	120,677	219,337	122,716	199,820
7810 Laboratory equipment	47,918	70,194	41,458	72,983	53,807	78,205	95,000
7820 Office furniture & equipment	57,828	96,631	118,549	80,949	131,506	82,990	128,021
7830 Pumping equipment	190,229	205,133	183,899	202,099	278,800	186,194	294,000
7835 Tools, shop and garage equipment	99,765	172,733	120,180	90,674	125,730	69,614	132,530
7840 Water treatment equipment	9,673	6,383	10,971	21,702	35,000	33,460	35,000
7899 Other minor tools & equipment	179,214	164,893	196,393	344,087	495,265	383,274	432,208
Non-personnel O&M Total	29,353,735	28,626,652	28,804,047	29,358,822	39,913,292	31,816,140	40,325,493

OPERATIONS EXPENSE ANALYSIS BY ACCOUNT – CONTINUED

Account	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Amended Budget 2018	Unaudited Actual 2018	Approved Budget 2019
Type 77 - Fuel & Purchased Power							
7701 Fuel - Natural gas - Silas Ray	3,822,520	1,360,321	644,625	1,042,911	1,000,000	1,152,878	1,000,000
7702 Fuel - Natural Gas - Hidalgo Energy	13,091,950	9,210,195	7,768,473	9,003,032	8,000,000	10,151,033	10,000,000
7703 Fuel - Diesel oil - Silas Ray	3,926	790	1,269	-	-	-	-
7704 Fuel - TETCO/Hinshaw Pipeline	629,567	619,795	600,647	631,662	650,000	601,202	650,000
7705 Fuel - Coal - Oklaunion	9,906,208	6,940,676	7,500,314	6,380,124	5,000,000	7,918,062	5,000,000
7706 Fuel-Diesel-Distributed Generation	3,531	-	-	-	35,000	-	35,000
7707 Fuel - Diesel oil - Oklaunion	241,855	149,218	171,250	180,013	150,000	57,622	50,000
7708 Fuel - Natural Gas Tranp-SilasRay	-	50,465	53,643	93,473	100,000	92,818	100,000
7714 Pchp - Wind Resources	-	-	8,915,000	10,454,540	10,500,000	9,232,681	9,000,000
7720 Pchp - Resource Imbalance	(1,639,172)	3,183,248	789,572	1,649,817	1,500,000	1,467,266	3,000,000
7721 Pchp - Economy power	21,743,977	20,437,471	8,984,607	8,679,811	11,000,000	11,982,163	11,000,000
7726 Pchp - Bilateral Energy Expns-Gas	656,513	-	-	-	10,000	-	10,000
7727 Pchp - Bilateral Energy-Gas Transp	-	-	-	-	1,000	-	1,000
7728 Pchp - Bilateral Energy Exp-Coal	-	-	-	-	10,000	-	10,000
7729 Pchp - TCOS (Wheeling)	6,358,881	7,634,407	7,935,284	8,328,774	8,700,000	8,044,301	8,500,000
7731 Pchp - Fixed expenses - Oklaunion	6,579,426	6,943,411	5,098,846	4,873,643	5,797,673	5,072,182	4,806,560
7732 Pchp - Hidalgo Fixed Operation Fee	3,415,151	2,850,313	3,148,987	4,392,322	3,244,412	3,357,299	3,933,785
7733 Pchp - Bilateral Ancillary Services	1,776,100	1,720,538	1,198,774	1,224,823	1,500,000	2,083,864	1,800,000
7736 Pchp - QSE Charges	329,534	312,000	383,500	399,050	400,000	600,702	420,000
7737 Pchp - Ercot Charges	(966,043)	965,295	1,046,865	1,339,038	1,400,000	1,358,473	1,400,000
7738 Pchp - CSC Congestion Cost (CSCBE)	1,406,807	2,429,637	927,058	3,911,871	1,500,000	315,287	1,500,000
7740 Power marketing services	237,536	413,200	283,249	148,389	300,000	314,052	300,000
7750 Pchp - Real Time Energy - Wind	-	-	-	1,094,964	700,000	1,324,998	1,500,000
7751 Pchp - Reliability Unit Cmt Exp-Gas	-	23,142	98,846	99,641	150,000	47,274	150,000
7752 Pchp - Reliab Unit Cmt - Gas Transp	-	3,905	12,632	6,953	15,000	3,319	15,000
7753 Pchp - Day Ahead Energy Exp-Gas	-	1,056,932	848,692	70,284	500,000	42,937	500,000
7754 Pchp - Day Ahead Energy-Gas Transp	-	58,030	94,746	6,558	50,000	2,725	50,000
7755 Pchp - Real Time Energy Exp-Gas	-	974,961	1,668,337	1,721,091	1,500,000	1,286,973	1,500,000
7756 Pchp - Real Time Energy - Gas Transp	-	116,279	171,278	128,448	150,000	92,832	150,000
7757 Pchp - Reliab Unit Cmt - Coal	-	-	-	-	10,000	-	10,000
7758 Pchp - Day Ahead Energy-Coal	-	-	-	-	10,000	-	10,000
7759 Pchp - Real Time Energy - Coal	-	547,869	1,641,154	1,188,008	1,500,000	1,891,639	1,500,000
Fuel & Purchased Power Total	67,598,265	68,002,097	59,987,648	67,049,242	65,383,085	68,494,582	67,901,345
SRWA							
7306 SRWA O&M Assessment	2,795,503	3,585,642	3,752,642	3,719,365	3,844,573	3,844,573	3,818,338
7307 SRWA Dbt Svc Assessment	2,147,493	2,152,371	2,158,034	2,159,360	2,090,064	2,090,064	2,134,891
SRWA Total	4,942,996	5,738,013	5,910,676	5,878,725	5,934,637	5,934,637	5,953,229
TOTAL OPERATIONS & MAINTENANCE	\$ 135,821,627	\$ 135,639,845	\$ 131,595,470	\$ 143,437,819	\$ 151,404,270	\$ 146,956,064	\$ 155,741,306
Less:							
Fuel & Purchased Power	\$ 67,598,265	\$ 68,002,097	\$ 59,987,648	\$ 67,049,242	\$ 65,383,085	\$ 68,494,582	\$ 67,901,345
SRWA Assessments	4,942,996	5,738,013	5,910,676	5,878,725	5,934,637	5,934,637	5,953,229
TOTAL APPROVED O&M BUDGET	\$ 63,280,365	\$ 61,899,735	\$ 65,697,146	\$ 70,509,852	\$ 80,086,548	\$ 72,526,845	\$ 81,886,732

Note:

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

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 50,030 customers and serves a peak load of 305 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 Oklaunion Unit No. 1, 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, (ii) 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), (iii) 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, and (iv) a Power Purchase Agreement with Exelon Corporation entitling the Board to purchase 78 MW of renewable 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 four elevated storage tanks provide 6 million gallons of elevated storage capacity. Water is pumped by four high-service pumping stations into the distribution system which consists of 668 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 two other water distribution companies that amount to approximately 5.03% 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 31,442.381 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, 178 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 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 serves as a trade center for much of the Lower Rio Grande Valley.

According to the U.S. Census Bureau, Brownsville's population for 2015 was 183,887. The demographics of Brownsville's population can be summed up as young and fast growing. The median age is 29.8 years versus a national average of 37.4 years. About 44% of all persons in the City are younger than 25 years of age. Brownsville's current estimated population is approximately 183,887.

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.

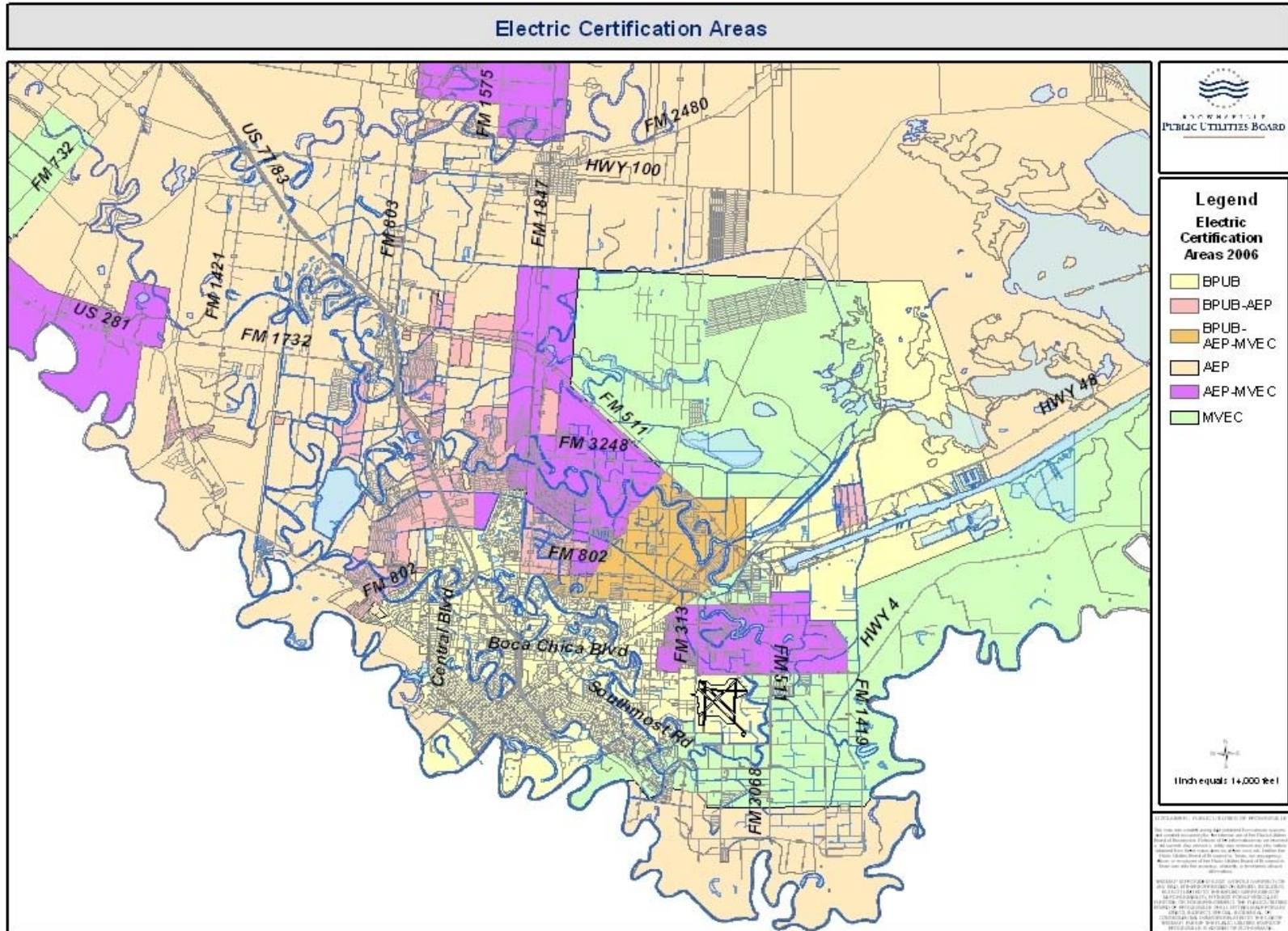
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MAP INDICATING WHERE BROWNSVILLE PUB IS LOCATED

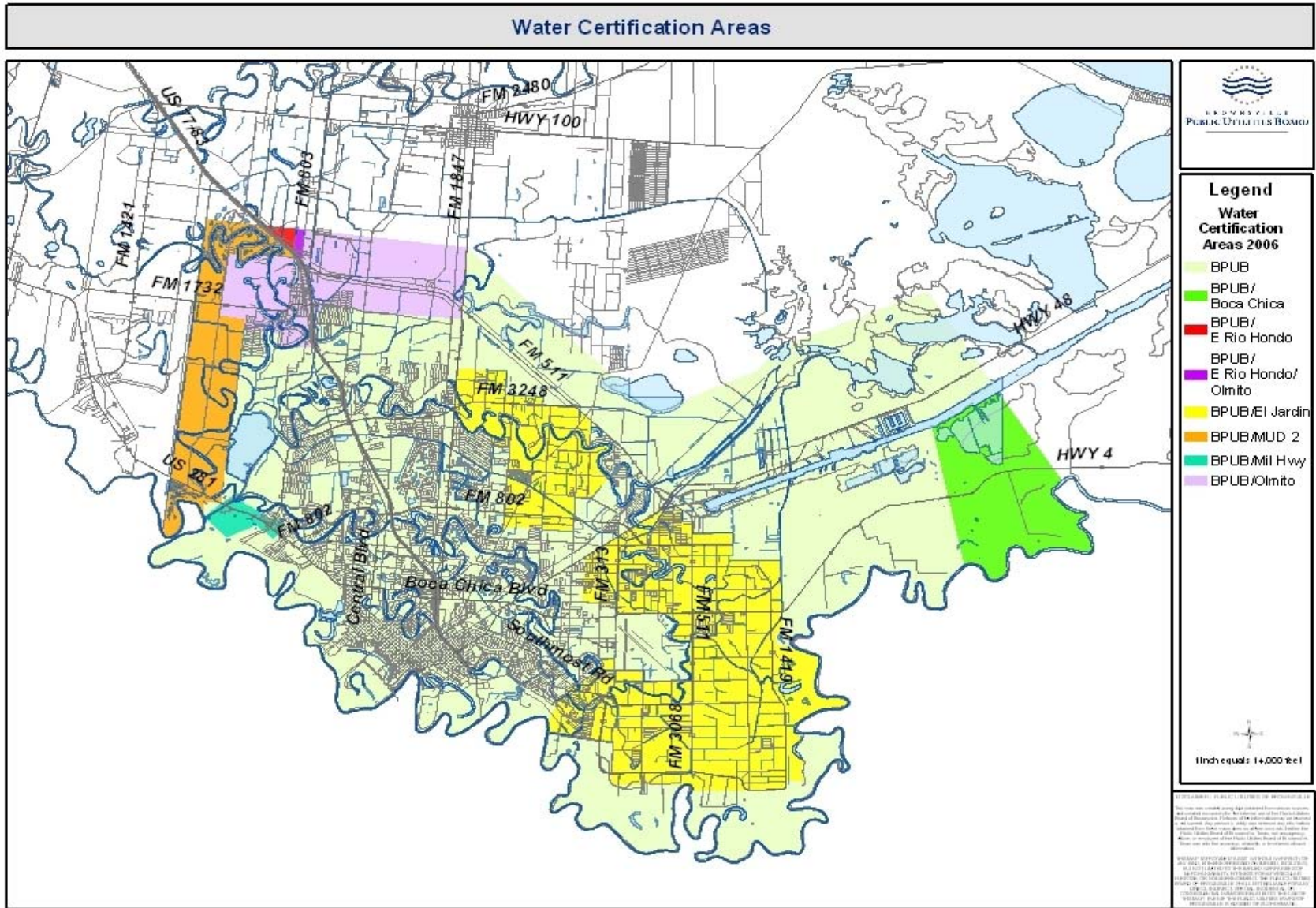


Note: The above map is provided for geographical reference purposes only. BPUB’s service area is in Brownsville, Cameron County, Texas and does not include Mexico.

SERVICE AREA MAPS – ELECTRIC

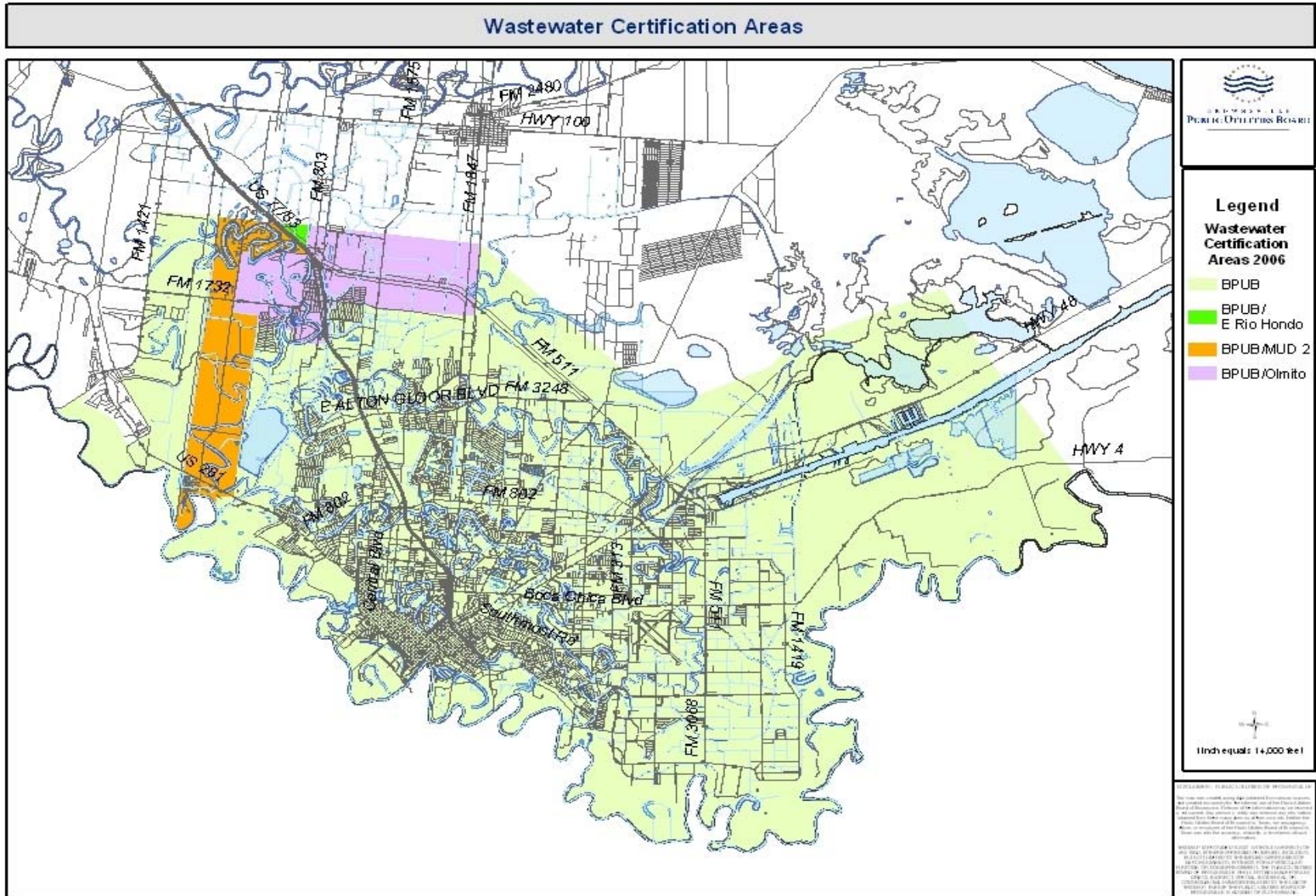


SERVICE AREA MAP – WATER



Appendix B - 387 -

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 8.4 – 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

Oklunion - 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

TENASKA – Tenaska, based in Omaha, Neb., is one of the leading independent power producers in the U.S., with regional offices in Dallas, Denver, Pittsburgh and Calgary and Vancouver, Canada. *Forbes* magazine ranks Tenaska 35th among the largest privately-held U.S. companies, based on 2011 revenues. Tenaska and its affiliates have developed approximately 9,000 MW of natural gas-fueled and renewable power generation, and manage operations for approximately 11,000 MW of power generation consisting of 14 power plants, seven of which are owned by Tenaska in partnership with other companies and seven of which are private equity investments managed by affiliate Tenaska Capital Management, LLC. Tenaska is repeatedly listed in benchmarking studies by the Natural Resources Defense Council as having among the best fleet-wide records in the United States for controlling emissions. The company also markets natural gas, biofuels and electric power, and provides energy risk management services. Tenaska is involved in asset acquisition, fuel supply, natural gas exploration, production and transportation systems, and electric transmission development. For more information about Tenaska, visit the company's website at www.tenaska.com.

TENASKA-BROWNSVILLE GENERATION STATION – Capital Project in which BPUB will purchase a 25% share of the proposed 800 MW natural gas fueled station.

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.

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	2017	2016	2015	2014	2013 Restated
Current assets:					
Cash and cash equivalents	\$ 17,780,938	\$ 13,866,339	\$ 17,388,130	\$ 11,550,966	\$ 11,089,986
Investments	34,478,780	32,902,513	33,272,295	39,630,676	43,527,264
Receivables:					
Fees and services, net of allowance for uncollectible accounts	24,508,993	26,884,759	27,021,238	29,279,146	35,371,699
Intergovernmental	604,840	1,031,803	1,726,949	1,850,811	5,791,848
Accrued interest receivable	352,443	290,539	217,446	154,031	145,707
Inventories	9,298,749	10,722,092	12,707,550	9,644,919	9,677,405
Prepays	1,039,157	1,237,627	818,732	777,414	939,216
Total unrestricted current assets	<u>88,063,900</u>	<u>86,935,672</u>	<u>93,152,340</u>	<u>92,887,963</u>	<u>106,543,125</u>
Current restricted assets:					
Cash and cash equivalents	7,133,368	3,741,927	1,686,638	8,944,616	7,231,902
Investments	147,966,425	145,626,918	120,925,178	101,818,933	99,224,385
Total restricted current assets	<u>155,099,793</u>	<u>149,368,845</u>	<u>122,611,816</u>	<u>110,763,549</u>	<u>106,456,287</u>
Total current assets	<u>243,163,693</u>	<u>236,304,517</u>	<u>215,764,156</u>	<u>203,651,512</u>	<u>212,999,412</u>
Non-current assets:					
Capital assets, net of accumulated depreciation	634,289,707	641,099,073	644,891,122	639,771,354	608,281,653
Bond issue costs and other assets	2,443,254	2,532,550	3,028,289	3,346,795	3,579,775
Total non-current assets	<u>636,732,961</u>	<u>643,631,623</u>	<u>647,919,411</u>	<u>643,118,149</u>	<u>611,861,428</u>
Total assets	<u>\$ 879,896,654</u>	<u>\$ 879,936,140</u>	<u>\$ 863,683,567</u>	<u>\$ 846,769,661</u>	<u>\$ 824,860,840</u>
Deferred Outflows of Resources					
Deferred charge on refunding	19,852,284	20,993,617	17,362,665	17,228,343	18,806,264
Deferred charge - fuel cost under recovery	364,158	-	3,110,446	-	-
Unrealized contributions and losses related to pensions	9,399,260	11,011,401	3,854,651	-	-
Total deferred outflows of resources	<u>29,615,702</u>	<u>32,005,018</u>	<u>24,327,762</u>	<u>17,228,343</u>	<u>18,806,264</u>
Total assets plus deferred outflows of resources	<u>\$ 909,512,356</u>	<u>\$ 911,941,158</u>	<u>\$ 888,011,329</u>	<u>\$ 863,998,004</u>	<u>\$ 843,667,104</u>

BALANCE SHEETS - Continued
September 30 - Audited

Liabilities	2017	2016	2015	2014	2013 Restated
Current liabilities:					
Accounts payable	\$ 16,201,137	\$ 16,229,882	\$ 17,591,319	\$ 18,516,083	\$ 21,827,511
Accrued vacation and sick leave	6,830,450	6,140,311	6,008,007	6,015,657	5,589,597
Due to primary government	3,104,705	2,748,853	2,772,669	2,362,426	1,998,710
Self insurance worker's compensation claims	122,571	90,870	143,657	52,999	83,754
Total unrestricted current liabilities	<u>26,258,863</u>	<u>25,209,916</u>	<u>26,515,652</u>	<u>26,947,165</u>	<u>29,499,572</u>
Current liabilities payable from restricted assets:					
Accounts payable and accrued liabilities	343,629	503,649	358,434	3,526,180	345,031
Accrued interest	1,124,920	1,169,743	1,262,928	1,232,647	1,271,142
Customer deposits	4,013,140	3,863,989	3,763,074	3,527,889	3,438,412
Current portion of revenue bonds payable	14,806,000	14,239,000	13,453,000	13,306,000	11,310,000
Commercial paper	14,000,000	7,000,000	-	13,000,000	4,000,000
Total current liabilities payable from restricted assets	<u>34,287,689</u>	<u>26,776,381</u>	<u>18,837,436</u>	<u>34,592,716</u>	<u>20,364,585</u>
Total current liabilities	<u>60,546,552</u>	<u>51,986,297</u>	<u>45,353,088</u>	<u>61,539,881</u>	<u>49,864,157</u>
Non-current liabilities:					
Revenue bonds payable net of unamortized premium and deferred refunding	314,612,871	331,348,392	342,796,806	336,523,002	351,175,617
Other post-employment benefits	9,506,413	8,674,722	7,866,350	6,970,707	5,848,063
Net pension liability	34,632,949	33,941,014	13,816,408	-	-
Self insurance worker's compensation claims	17,113	42,425	69,077	62,216	96,257
Total non-current liabilities	<u>358,769,346</u>	<u>374,006,553</u>	<u>364,548,641</u>	<u>343,555,925</u>	<u>357,119,937</u>
Total liabilities	<u>419,315,898</u>	<u>425,992,850</u>	<u>409,901,729</u>	<u>405,095,806</u>	<u>406,984,094</u>
Deferred Inflows of Resources					
Deferred credit – fuel cost over recovery	-	303,078	-	1,311,848	4,566,753
Unrealized contributions and losses related to pension	1,676,487	2,383,320	2,009,154	-	-
Total deferred inflows of resources	<u>1,676,487</u>	<u>2,686,398</u>	<u>2,009,154</u>	<u>1,311,848</u>	<u>4,566,753</u>
Total liability plus deferred inflows of resources	<u>420,992,385</u>	<u>428,679,248</u>	<u>411,910,883</u>	<u>406,407,654</u>	<u>411,550,847</u>
Net position					
Net investment in capital assets	311,666,705	310,655,228	308,013,036	297,471,707	271,662,239
Restricted	149,407,127	143,796,243	117,120,117	103,988,323	101,291,362
Unrestricted	27,446,139	28,810,439	50,967,293	56,130,320	59,162,656
Total net position	<u>488,519,971</u>	<u>483,261,910</u>	<u>476,100,446</u>	<u>457,590,350</u>	<u>432,116,257</u>
Total liabilities and net position	<u>\$ 909,512,356</u>	<u>\$ 911,941,158</u>	<u>\$ 888,011,329</u>	<u>\$ 863,998,004</u>	<u>\$ 843,667,104</u>

FINANCIAL TRENDS
STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION
LAST TEN FISCAL YEARS

	2017	2016	2015	2014	2013 Restated	2012	2011	2010	2009	2008
Operating revenues:										
Sales and services charges	220,877,502	207,550,223	207,767,498	192,061,381	170,446,499	169,799,255	172,360,843	158,868,186	168,184,958	213,609,954
Less utilities service to the City of Brownsville, Texas	(4,629,113)	(4,804,112)	(4,809,741)	(4,839,630)	(4,274,184)	(4,228,001)	(4,278,285)	(4,069,336)	(4,227,572)	(4,605,151)
Total operating revenues	216,248,389	202,746,111	202,957,757	187,221,751	166,172,315	165,571,254	168,082,558	154,798,850	163,957,386	209,004,803
Operating expenses:										
Purchased power and fuel	62,733,293	55,451,964	65,220,979	66,941,752	53,915,199	48,039,343	52,502,812	53,527,194	58,653,859	88,278,563
Personnel services	40,867,688	49,076,784	33,302,525	32,821,858	30,615,677	27,962,188	27,387,747	26,024,535	25,136,209	24,186,667
Materials and supplies	7,790,646	6,960,626	7,347,093	7,376,475	7,432,636	7,276,419	7,160,977	6,444,102	6,537,270	6,881,036
Repairs and maintenance	2,269,312	2,666,119	2,983,094	3,688,413	2,029,564	2,794,117	3,234,646	3,105,675	1,346,455	833,581
Contractual and other services	23,753,428	24,443,206	21,521,617	19,152,582	19,319,359	18,971,803	18,166,393	19,570,071	21,064,567	23,406,928
Rate Stabilization	24,200,000	10,525,000	-	-	-	-	-	-	-	-
Depreciation	30,193,819	29,063,661	29,507,267	28,409,046	27,366,045	23,601,822	28,269,982	25,555,305	24,663,486	23,691,106
Total operating expenses	191,808,186	178,187,360	159,882,575	158,390,126	140,678,480	128,645,692	136,722,557	134,226,882	137,401,846	167,277,881
Operating income	24,440,203	24,558,751	43,075,182	28,831,625	25,493,835	36,925,562	31,360,001	20,571,968	26,555,540	41,726,922
Nonoperating revenues (expenses):										
Investment and interest income	1,703,055	1,202,314	841,219	532,650	564,334	672,133	628,698	840,533	1,812,166	4,142,445
Operating grant revenues	25,000	-	-	-	-	(15,579,814)	(16,131,381)	(16,514,764)	(16,819,279)	(15,864,116)
Interest expense	(13,811,909)	(14,743,208)	(14,509,231)	(15,108,927)	(15,653,933)	(1,417,327)	(359,218)	(140,401)	(156,987)	(761,931)
Loss on disposition of capital assets	(3,356,511)	(1,019,326)	(3,577,605)	(1,028,494)	(116,447)	(581,763)	(2,157,129)	11,086,396	522,676	(1,182,909)
Other	39,543	457,298	1,598,769	1,212,924	(1,483,565)	(7,738,354)	(7,488,261)	(7,569,772)	(6,381,331)	(7,389,521)
Payments to City of Brownsville	(10,666,207)	(9,822,602)	(9,040,104)	(7,613,475)	(7,188,692)					
Net nonoperating revenues (expenses)	(26,067,029)	(25,925,524)	(24,686,952)	(22,005,322)	(23,878,303)	(24,645,125)	(25,507,291)	(12,298,008)	(21,022,755)	(19,805,687)
Income before capital contributions	(1,626,826)	633,227	18,388,230	6,826,303	1,615,532	12,280,437	5,852,710	8,273,960	5,532,785	21,921,235
Capital contributions	6,884,887	6,528,237	12,965,169	18,647,790	20,075,404	14,223,651	20,807,252	21,734,690	4,803,981	12,752,093
Change in net position	5,258,061	7,161,464	31,353,399	25,474,093	21,690,936	26,504,088	26,659,962	30,008,650	10,336,766	34,673,328
Net position, beginning of year	483,261,910	476,100,446	457,590,350	432,116,257	410,425,321	383,921,233	357,261,271	327,252,621	317,689,174	280,106,361
Prior Period Adjustment	-	-	(12,843,303)	-	-	-	-	-	(773,319)	2,909,485
Net position, beginning of year as restated	483,261,910	476,100,446	444,747,047	432,116,257	410,425,321	383,921,233	357,261,271	327,252,621	316,915,855	283,015,846
Net position, end of year	488,519,971	483,261,910	476,100,446	457,590,350	432,116,257	410,425,321	383,921,233	357,261,271	327,252,621	317,689,174

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
2018	49,455	1.50%	50,771	1.76%	51,366	2.71%
2017	48,726	1.10%	49,894	0.60%	50,010	0.64%
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%
2012	46,102	1.32%	47,477	1.76%	47,456	1.83%
2011	45,500	1.19%	46,656	1.51%	46,605	1.79%
2010	44,965	1.57%	45,963	1.82%	45,784	2.11%
2009	44,268	1.19%	45,143	1.06%	44,840	1.42%

¹Municipal customers not included in average number of services billed

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**REVENUE CAPACITY
REVENUES BY UTILITY - LAST TEN YEARS**

	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013
ELECTRIC					
Residential	\$ 71,288,035	\$ 63,681,205	\$ 64,980,210	\$ 63,035,376	\$ 51,861,710
Commercial	74,770,246	68,559,278	71,696,062	68,505,305	59,576,916
Municipal	3,630,779	3,846,235	4,035,358	3,916,022	3,336,413
Wholesale sales	9,348,488	16,397,987	12,182,728	921,782	237,173
Other	11,593,857	7,458,124	9,325,630	9,792,100	8,925,031
<i>Total Electric Operating Revenues</i>	<u>\$ 170,631,405</u>	<u>\$ 159,942,829</u>	<u>\$ 162,219,988</u>	<u>\$ 146,170,585</u>	<u>\$ 123,937,243</u>
WATER					
Inside city	\$ 23,879,301	\$ 21,796,229	\$ 20,340,255	\$ 20,594,551	\$ 20,333,223
Outside city	873,877	811,938	777,023	766,496	735,224
Municipal	668,247	624,615	514,875	618,616	617,202
Other	1,029,823	1,111,918	1,342,068	1,162,867	1,054,328
Southmost Regional Water Authority	480,808	466,928	447,797	488,079	1,023,081
<i>Total Water Operating Revenues</i>	<u>\$ 26,932,056</u>	<u>\$ 24,811,628</u>	<u>\$ 23,422,018</u>	<u>\$ 23,630,609</u>	<u>\$ 23,763,058</u>
WASTEWATER					
Residential	\$ 14,021,992	\$ 13,728,898	\$ 13,251,741	\$ 13,578,070	\$ 14,135,642
Commercial	7,141,687	6,949,099	6,841,017	6,712,829	6,734,506
Municipal	330,087	333,262	259,508	304,992	320,569
Outside city	1,258,935	1,208,890	1,181,106	1,087,237	1,050,009
Other	561,340	575,617	592,120	577,059	505,472
<i>Total Wastewater Operating Revenues</i>	<u>\$ 23,314,041</u>	<u>\$ 22,795,766</u>	<u>\$ 22,125,492</u>	<u>\$ 22,260,187</u>	<u>\$ 22,746,198</u>
TOTAL SALES AND SERVICE CHARGES	<u><u>\$ 220,877,502</u></u>	<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>
ELECTRIC					
Residential	\$ 48,562,146	\$ 50,187,194	\$ 47,971,715	\$ 46,515,011	\$ 53,591,810
Commercial	54,952,907	55,235,857	55,336,855	55,839,361	68,404,294
Municipal	3,157,165	3,454,302	3,420,281	3,551,221	3,953,891
Wholesale sales	605,125	3,124,675	5,532,956	6,268,813	19,172,024
Other	16,626,285	15,491,119	7,008,117	14,114,934	28,262,591
<i>Total Electric Operating Revenues</i>	<u>\$ 123,903,628</u>	<u>\$ 127,493,147</u>	<u>\$ 119,269,924</u>	<u>\$ 126,289,340</u>	<u>\$ 173,384,610</u>
WATER					
Inside city	\$ 20,389,340	\$ 19,901,457	\$ 17,448,496	\$ 18,909,283	\$ 18,031,651
Outside city	699,401	675,821	581,350	419,261	616,728
Municipal	686,274	587,860	464,828	487,526	464,790
Other	1,032,247	1,140,972	971,331	771,705	810,382
Southmost Regional Water Authority	428,572	367,143	469,462	355,486	325,247
<i>Total Water Operating Revenues</i>	<u>\$ 23,235,834</u>	<u>\$ 22,673,253</u>	<u>\$ 19,935,467</u>	<u>\$ 20,943,261</u>	<u>\$ 20,248,798</u>
WASTEWATER					
Residential	\$ 14,128,726	\$ 13,858,701	\$ 12,002,652	\$ 13,046,933	\$ 12,292,537
Commercial	6,713,307	6,565,949	6,171,734	6,384,964	6,222,760
Municipal	384,562	236,123	184,228	188,825	186,470
Outside city	984,754	1,042,823	908,149	933,894	847,091
Other	448,444	490,847	396,032	397,741	427,688
<i>Total Wastewater Operating Revenues</i>	<u>\$ 22,659,793</u>	<u>\$ 22,194,443</u>	<u>\$ 19,662,795</u>	<u>\$ 20,952,357</u>	<u>\$ 19,976,546</u>
TOTAL SALES AND SERVICES CHARGES	<u><u>\$ 169,799,255</u></u>	<u><u>\$ 172,360,843</u></u>	<u><u>\$ 158,868,186</u></u>	<u><u>\$ 168,184,958</u></u>	<u><u>\$ 213,609,954</u></u>

REVENUE CAPACITY
UNIT SALES BY UTILITY - LAST TEN YEARS ¹

	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013
ELECTRIC SERVICE (kWh)					
Residential	578,938,532	564,931,382	551,304,652	567,334,136	533,303,461
Commercial Non-Demand	139,381,802	135,844,893	128,892,385	132,918,707	134,939,048
Municipal	39,785,043	39,500,507	38,995,522	39,371,016	38,895,227
Commercial Demand	560,113,317	557,349,627	554,994,514	558,708,943	570,125,749
Other	2,478,672	2,403,423	2,227,059	2,226,006	2,232,972
<i>Total Electric Unit Sales</i>	<u>1,320,697,366</u>	<u>1,300,029,832</u>	<u>1,276,414,132</u>	<u>1,300,558,808</u>	<u>1,279,496,457</u>
WATER SERVICE - 1,000 GALLONS					
Inside City	5,832,446	5,560,741	5,281,931	5,753,783	6,294,433
Outside City	157,297	155,104	148,956	155,398	161,450
Municipal	167,724	158,741	122,006	176,477	189,804
Other	525,154	465,077	461,178	506,676	555,452
<i>Total Water Unit Sales</i>	<u>6,682,621</u>	<u>6,339,663</u>	<u>6,014,071</u>	<u>6,592,334</u>	<u>7,201,139</u>
WASTEWATER SERVICE - 1,000 GALLONS					
Residential	2,804,793	2,709,033	2,554,154	2,795,399	3,036,404
Commercial	1,662,288	1,601,296	1,560,177	1,604,591	1,677,306
Municipal	77,545	78,448	58,998	74,464	80,169
Outside City	123,065	111,277	106,175	118,228	122,924
Other	-	-	-	-	3,671
<i>Total Wastewater Unit Sales</i>	<u>4,667,691</u>	<u>4,500,054</u>	<u>4,279,504</u>	<u>4,592,682</u>	<u>4,920,474</u>
ELECTRIC SERVICE					
	FY 2012	FY 2011	FY 2010	FY 2009	FY 2008
Residential	550,169,186	550,421,195	528,459,863	500,830,035	492,440,123
Commercial Non-Demand	136,833,986	136,117,506	131,502,719	131,592,355	151,550,919
Municipal	38,876,114	39,038,235	38,912,608	38,693,875	37,337,658
Commercial Demand	577,866,685	552,274,846	547,906,595	538,603,116	553,765,276
Other	2,234,448	2,188,674	2,183,004	2,156,058	2,210,427
<i>Total Electric Unit Sales</i>	<u>1,305,980,419</u>	<u>1,280,040,456</u>	<u>1,248,964,789</u>	<u>1,211,875,439</u>	<u>1,237,304,403</u>
WATER SERVICE					
Inside City	6,269,037	6,431,432	5,488,648	6,117,159	5,802,459
Outside City	150,957	159,187	138,846	147,236	127,173
Municipal	223,176	190,732	129,757	153,402	130,520
Other	582,502	576,616	524,299	581,193	491,686
<i>Total Water Unit Sales</i>	<u>7,225,672</u>	<u>7,357,967</u>	<u>6,281,550</u>	<u>6,998,990</u>	<u>6,551,838</u>
WASTEWATER SERVICE					
Residential	3,024,487	3,102,690	2,605,256	2,930,048	2,770,296
Commercial	1,659,010	1,703,770	1,597,067	1,654,968	1,600,161
Municipal	98,579	60,720	45,905	47,571	48,953
Outside City	118,546	125,817	107,481	117,281	103,510
Other	6,197	6,861	8,248	8,579	7,333
<i>Total Wastewater Unit Sales</i>	<u>4,906,819</u>	<u>4,999,858</u>	<u>4,363,957</u>	<u>4,758,447</u>	<u>4,530,253</u>

¹ Excludes Public Utilities Board's usage

**REVENUE CAPACITY
TEN YEAR RATE ANALYSIS
RESIDENTIAL RATES**

2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
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ELECTRIC ¹										
Customer Service Charge	\$ 6.94	\$ 6.94	\$ 6.49	\$ 6.01	\$ 5.62	\$ 5.25	\$ 3.53	\$ 3.53	\$ 2.53	\$ 2.53
Energy Charge										
First 500 kWh	0.0542	0.0542	0.05241	0.05022	0.04862	0.04708	0.04708	0.04708	0.04708	0.04708
Over 500 kWh	0.07688	0.07688	0.07058	0.06458	0.05964	0.05479	0.05152	0.04708	0.04708	0.04708
Fuel & Purchased Power	0.02952	0.02952	0.03401	0.04500	0.05096	0.04000	0.03200	0.04200	0.03500	0.04000

WATER (Inside City) ²										
0-3,000 gallons	1.98	1.98	1.87	1.80	1.73	1.63	1.63	1.55	1.55	1.55
4,000-9,000 gallons	2.19	2.19	2.07	1.99	1.91	1.80	1.80	1.71	1.71	1.71
10,000 to 16,000 gallons	2.7	2.7	2.55	2.45	2.36	2.23	2.23	2.12	2.12	2.12
Over 16,000 gallons	4.08	4.08	3.85	3.70	3.56	3.36	3.36	3.20	3.20	3.20
Customer Service Charge										
5/8x3/4 Water Meter Size	12.06	12.06	11.38	10.94	10.52	9.93	9.93	9.47	9.47	9.47

WATER (Outside City) ²										
0-3,000 gallons	2.97	2.97	2.81	2.70	2.68	2.65	2.65	2.52	2.52	2.52
4,000-9,000 gallons	3.29	3.29	3.11	2.98	2.95	2.93	2.93	2.79	2.79	2.79
10,000 to 16,000 gallons	4.05	4.05	3.83	3.68	3.10	3.05	3.05	2.90	2.90	2.90
Over 16,000 gallons	6.12	6.12	5.78	5.55	4.60	4.56	4.56	4.34	4.34	4.34
Customer Service Charge										
5/8 x 3/4 Water Meter Size	18.12	18.12	17.09	16.43	15.8	14.90	14.90	14.21	14.21	14.21

SEWER (Inside City) ³										
Rate per 1,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0-7,000 gallons	3.43	3.43	3.43	3.43	3.30	3.29	3.29	3.13	3.13	3.13
over 7,000 gallons	3.76	3.76	3.76	3.76	3.62	3.57	3.57	3.40	3.40	3.40
Customer Service Charge										
5/8 x 3/4 Water Meter Size	7.48	7.48	7.48	7.48	7.19	7.17	7.17	6.84	6.84	6.84

SEWER (Outside City)										
Rate per 1,000 gallons	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.43	\$ 5.36	\$ 5.36	\$ 5.10	\$ 5.10	\$ 5.10
Customer Service Charge										
5/8 x 3/4 Water Meter Size	11.22	11.22	11.22	11.22	10.79	10.75	10.75	10.26	10.26	10.26

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 YEARS¹

	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013
OPERATING INCOME	\$46,967,688	\$33,093,794	\$41,883,847	\$27,256,483	\$21,947,648
ADD:					
Depreciation Expense	28,949,302	28,132,537	28,642,402	27,544,181	26,503,185
Investment & Other Income	1,639,117	1,163,964	815,942	504,537	546,098
LESS:					
Interest on Construction Funds	(178,972)	(193,527)	(128,019)	(94,376)	(8,823)
NET AVAILABLE INCOME	\$77,377,135	\$62,196,768	\$71,214,172	\$55,210,825	\$48,988,108
DEBT SERVICE:					
Revenue Bonds Payable Current	\$12,914,000	\$12,173,000	\$12,066,000	\$10,100,000	\$8,649,000
Total Interest Expense	12,808,172	13,747,956	13,538,613	14,275,285	15,310,103
Operating Reserve	-	-	-	-	-
Commercial Paper Interest Expense	55,636	17,902	13,671	5,929	14,356
Capital Improvement Charges	-	-	-	-	-
NET CASH DEBT SERVICE	\$25,777,808	\$25,938,858	\$25,618,284	\$24,381,214	\$23,973,459
DEBT SERVICE COVERAGE (TIMES)	3.00	2.40	2.78	2.26	2.04
	FY 2012	FY 2011	FY 2010	FY 2009	FY 2008
OPERATING INCOME	\$32,747,013	\$27,225,798	\$31,287,495	\$22,931,849	\$37,916,668
ADD:					
Depreciation Expense	22,739,173	27,407,627	24,695,565	23,805,841	22,832,955
Investment & Other Income	654,057	611,866	829,400	1,789,499	4,054,857
LESS:					
Interest on Construction Funds	(13,501)	(41,141)	(54,790)	(211,610)	(896,336)
NET AVAILABLE INCOME	\$56,126,742	\$55,204,150	\$56,757,670	\$48,315,579	\$63,908,144
DEBT SERVICE:					
Revenue Bonds Payable Current	\$8,277,000	\$7,856,000	\$7,530,000	\$6,779,000	\$7,903,000
Total Interest Expense	14,399,174	14,829,065	15,186,316	15,216,696	13,681,885
Operating Reserve	-	-	-	-	-
Commercial Paper Interest Expense	39,891	36,668	34,755	-	814,654
Capital Improvement Charges	-	-	-	-	-
NET CASH DEBT SERVICE	\$22,716,065	\$22,721,733	\$22,751,071	\$21,995,696	\$22,399,539
DEBT SERVICE COVERAGE (TIMES)	2.47	2.43	2.49	2.20	2.85

¹Excludes Southmost Regional Water Authority and fuel supplement paid from restricted fuel adjustment subaccount.

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>
2015	183,046	419,893
2016	184,865	422,135
2017	185,349	423,725

⁽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	6840
2	Cameron County	Government	1857
3	City of Brownsville	Government	1439
4	Abundant Life Home Health	Medical Healthcare	1275
5	H-E-B Grocery	Retail	1113
6	Caring For You Home Health	Medical Healthcare	1105
7	Wal-Mart	Retail	839
8	Valley Baptist Medical Center	Medical Healthcare	767
9	Valley Regional Medical Center	Medical Healthcare	747
10	Brownsville Public Utilities Board	Utilities	604

Source: City of Brownsville

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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 ranging from kindergarten through high school available in the City. St. Joseph's Academy, its most prominent parochial school, provides education from 7th to 12th grades.

SECONDARY EDUCATION

Institutions of higher learning within a 60-mile radius of the City include the University of Texas Rio Grande Valley which has campuses in Brownsville and Edinburg.

Texas State Technical Institute (“TSTC”), located in Harlingen (25 miles from the City), opened in 1967 as a member of the James Connally Technical Institute of Texas A&M University. In 1969, the colleges separated from Texas A&M and took the name Texas State Technical Institute. In 1991, the system took its current name. The system includes four Texas colleges and serves more than 10,000 students. TSTC 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. The college’s administration actively works with representatives of companies who have specific labor training needs in order to design training courses which meet the requirements of each company.

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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
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%
2011	175,023	12,917	2,260,772	29.5	60.2%-High School 15.6%-Bachelor's Degree	49,587	12.40%
2010	175,023	11,824	2,069,472	27.0	58.5%-High School 15.2%-Bachelor's Degree	49,835	11.60%
2009	176,859	11,623	2,055,632	27.6	58.5%-High School 15.8%-Bachelor's Degree	49,605	10.90%
2008	172,806	11,685	2,019,238	26.9	57.9%-High School 15.2%-Bachelor's Degree	49,082	7.50%

*Population Estimates U.S. Census Bureau

SOURCES:

Brownsville Independent School District
U.S. Census Bureau
U.S. Bureau of Economic Analysis

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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 2017	FY 2016	FY 2015	FY 2014
ELECTRIC				
Generation and Purchases for Resale	\$ 70,496,415	\$ 63,120,545	\$ 72,523,667	\$ 73,010,092
Transmission and Distribution	6,965,840	6,912,082	6,499,004	6,284,873
Administrative and General	29,431,623	34,583,521	21,524,432	20,437,763
Rate Stabilization	24,200,000	10,525,000	-	-
Depreciation	15,986,715	15,069,917	14,887,881	14,768,870
Total Electric Operating Expenses	<u>\$ 147,080,593</u>	<u>\$ 130,211,065</u>	<u>\$ 115,434,984</u>	<u>\$ 114,501,598</u>
WATER				
Plant Operations	\$ 4,427,577	\$ 5,129,025	\$ 5,581,020	\$ 6,397,130
Transmission and Distribution	3,260,832	3,082,104	2,901,226	2,743,060
Administrative and General	6,126,023	7,250,855	5,141,431	5,325,225
Depreciation	4,894,699	5,116,669	5,622,967	5,543,534
Total Water Operating Expenses	<u>\$ 18,709,131</u>	<u>\$ 20,578,653</u>	<u>\$ 19,246,644</u>	<u>\$ 20,008,949</u>
WASTEWATER				
Plant Operations	\$ 6,530,394	\$ 6,526,539	\$ 6,417,406	\$ 6,656,181
Transmission and Distribution	772,747	837,287	1,160,632	920,364
Administrative and General	6,051,881	7,667,223	5,502,973	5,431,148
Depreciation	8,067,888	7,945,949	8,131,553	7,231,777
Total Wastewater Operating Expenses	<u>\$ 21,422,910</u>	<u>\$ 22,976,998</u>	<u>\$ 21,212,564</u>	<u>\$ 20,239,470</u>
SOUTHMOST REGIONAL WATER AUTHORITY				
Administration and General	\$ 3,351,035	\$ 3,489,520	\$ 3,123,518	\$ 2,775,244
Depreciation	1,244,517	931,124	864,865	864,865
Total SRWA Operating Expenses	<u>\$ 4,595,552</u>	<u>\$ 4,420,644</u>	<u>\$ 3,988,383</u>	<u>\$ 3,640,109</u>
TOTAL OPERATING EXPENSES	<u>\$ 191,808,186</u>	<u>\$ 178,187,360</u>	<u>\$ 159,882,575</u>	<u>\$ 158,390,126</u>
OTHER NONOPERATING REVENUES (EXPENSES)¹	<u>\$ (15,400,823)</u>	<u>\$ (14,102,922)</u>	<u>\$ (15,646,848)</u>	<u>\$ (14,391,847)</u>

¹ Excludes payments to City of Brownsville

FY 2013	FY 2012	FY 2011	FY 2010	FY 2009	FY 2008
\$ 58,343,217	\$ 54,353,235	\$ 60,519,100	\$ 64,165,188	\$ 67,454,789	\$ 101,176,542
6,305,706	6,347,120	5,464,375	4,624,680	4,611,675	3,920,988
20,656,916	18,697,201	16,918,463	16,366,264	16,376,681	13,236,701
-	-	-	-	-	-
14,793,412	13,373,507	16,331,733	14,662,285	13,961,232	13,622,466
<u>\$ 100,099,251</u>	<u>\$ 92,771,063</u>	<u>\$ 99,233,671</u>	<u>\$ 99,818,417</u>	<u>\$ 102,404,377</u>	<u>\$ 131,956,697</u>
\$ 5,649,170	\$ 4,993,739	\$ 4,707,258	\$ 3,432,591	\$ 3,870,958	\$ 3,122,381
2,565,614	2,514,676	2,655,300	2,426,368	2,584,580	2,110,791
4,748,131	4,081,484	3,961,827	3,875,983	3,916,202	5,438,548
5,345,962	3,766,336	3,941,128	4,286,330	4,420,121	4,138,811
<u>\$ 18,308,877</u>	<u>\$ 15,356,235</u>	<u>\$ 15,265,513</u>	<u>\$ 14,021,272</u>	<u>\$ 14,791,861</u>	<u>\$ 14,810,531</u>
\$ 6,138,037	\$ 5,967,684	\$ 6,117,905	\$ 5,539,157	\$ 5,586,811	\$ 5,039,214
764,006	804,846	967,001	1,382,386	1,103,481	1,117,675
5,171,407	4,696,229	4,703,383	4,536,291	4,505,516	5,962,321
6,363,811	5,599,330	7,134,766	5,746,950	5,424,488	5,071,678
<u>\$ 18,437,261</u>	<u>\$ 17,068,089</u>	<u>\$ 18,923,055</u>	<u>\$ 17,204,784</u>	<u>\$ 16,620,296</u>	<u>\$ 17,190,888</u>
\$ 2,970,231	\$ 2,587,656	\$ 2,437,963	\$ 2,322,669	\$ 2,727,667	\$ 2,461,614
862,860	862,649	862,355	859,740	857,645	858,151
<u>\$ 3,833,091</u>	<u>\$ 3,450,305</u>	<u>\$ 3,300,318</u>	<u>\$ 3,182,409</u>	<u>\$ 3,585,312</u>	<u>\$ 3,319,765</u>
<u>\$ 140,678,480</u>	<u>\$ 128,645,692</u>	<u>\$ 136,722,557</u>	<u>\$ 134,226,882</u>	<u>\$ 137,401,846</u>	<u>\$ 167,277,881</u>
<u>\$ (16,689,611)</u>	<u>\$ (16,906,771)</u>	<u>\$ (18,019,030)</u>	<u>\$ (4,728,236)</u>	<u>\$ (14,641,424)</u>	<u>\$ (12,416,165)</u>

OPERATING INFORMATION
ELECTRIC ENERGY SOURCES, WATER AND WASTEWATER STATISTICS
LAST TEN YEARS

	FY 2018	FY 2017	FY 2016	FY 2015
SOURCES OF ENERGY (kWh)				
Total Net Energy Generated	1,224,415,215	1,202,079,235	1,231,840,523	806,397,153
Total Energy Purchased	295,731,900	328,964,400	428,953,100	690,167,500
TOTAL SOURCES OF ENERGY	1,520,147,115	1,531,043,635	1,660,793,623	1,496,564,653
Less: System Losses and Inadvertent Energy (kWh)	(27,039,952)	(24,589,310)	(22,449,897)	(25,996,837)
Net Available for Sale (kWh)	1,493,107,163	1,506,454,325	1,638,343,726	1,470,567,816
Sales for Resale (kWh)	(159,885,557)	(177,000,430)	(316,499,025)	(29,993,800)
NET ENERGY FOR LOAD	1,333,221,606	1,329,453,895	1,321,844,701	1,440,574,016
WATER STATISTICS				
Water Production - 1,000 Gallons				
Raw Water Treated	5,874,579	5,579,560	5,301,156	5,216,966
Raw Water Used in Plant	(207,020)	(119,670)	(160,738)	(235,716)
Surface Water Treated	5,667,559	5,459,890	5,140,418	4,981,250
SRWA (Purchased Water)*	2,495,123	2,440,611	2,317,634	2,092,497
Water Pumped to City	8,162,682	7,900,501	7,458,052	7,073,747
Water Sales	6,695,462	6,732,120	6,392,340	6,055,349
Other Unmetered Usage	165,736	155,286	130,685	89,772
Losses and Unaccounted for Gallonage Thousand Gallons to System	1,301,484	1,013,095	935,027	928,626
Unaccounted For	15.94%	12.82%	12.54%	13.13%
Average Daily Consumption	22,341	18,444	17,465	22,253
Peak Maximum Demand (MG)	30	34	29	27
Date	8/20/2018	5/23/2017	8/10/2016	8/11/2015
WASTEWATER STATISTICS				
Annual Demand (1,000 Gals.)	5,300,889	5,370,043	5,580,261	5,916,884
Maximum Day (MG)	34.8	21.2	32.6	36.2

* FY 2009 through FY 2018 Water Production includes Southmost Regional Water Authority Production.

FY 2014	FY 2013	FY 2012	FY 2011	FY 2010	FY 2009
921,011,194	924,212,443	830,108,370	1,353,750,565	1,577,510,000	1,120,083,000
<u>578,306,000</u>	<u>508,341,700</u>	<u>704,742,700</u>	<u>429,383,640</u>	<u>378,317,000</u>	<u>528,558,000</u>
1,499,317,194	1,432,554,143	1,534,851,070	1,783,134,205	1,955,827,000	1,648,641,000
<u>(27,903,614)</u>	<u>(27,070,226)</u>	<u>-</u>	<u>-</u>	<u>(69,693,000)</u>	<u>(82,039,000)</u>
1,471,413,580	1,405,483,917	1,534,851,070	1,783,134,205	1,886,134,000	1,566,602,000
<u>(12,239,700)</u>	<u>(5,915,000)</u>	<u>(48,313,210)</u>	<u>(245,366,425)</u>	<u>(366,669,000)</u>	<u>(250,127,000)</u>
<u>1,459,173,880</u>	<u>1,399,568,917</u>	<u>1,486,537,860</u>	<u>1,537,767,779</u>	<u>1,519,465,000</u>	<u>1,316,475,000</u>
5,888,490	6,611,306	6,742,810	7,502,790	7,073,522	8,217,557
<u>(54,450)</u>	<u>(398,363)</u>	<u>(515,470)</u>	<u>(791,199)</u>	<u>(845,261)</u>	<u>(439,663)</u>
<u>5,834,040</u>	<u>6,212,943</u>	<u>6,227,340</u>	<u>6,711,591</u>	<u>6,228,261</u>	<u>7,777,894</u>
<u>1,816,125</u>	<u>1,963,421</u>	<u>2,025,507</u>	<u>1,929,481</u>	<u>1,947,011</u>	<u>1,617,101</u>
<u>7,650,165</u>	<u>8,176,364</u>	<u>8,252,847</u>	<u>8,641,072</u>	<u>8,175,272</u>	<u>9,394,995</u>
6,636,736	7,251,194	7,259,778	7,417,175	6,321,717	7,062,104
208,500	227,400	98,519	68,577	88,719	44,915
<u>804,929</u>	<u>697,770</u>	<u>894,550</u>	<u>1,155,320</u>	<u>1,764,836</u>	<u>2,287,976</u>
<u>7,650,165</u>	<u>8,176,364</u>	<u>8,252,847</u>	<u>8,641,072</u>	<u>8,175,272</u>	<u>9,394,995</u>
10.52%	11.32%	10.84%	13.37%	21.59%	24.35%
21,078	22,334	22,541	23,674	22,398	25,740
29	30	29	30	29	39
8/21/2014	7/3/2013	6/18/2012	6/17/2011	4/5/2010	6/16/2009
5,047,953	4,799,312	4,885,625	4,992,236	5,522,605	5,052,595
32.2	29.1	25.9	32.6	38.5	25.5



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PUBLIC UTILITIES BOARD



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