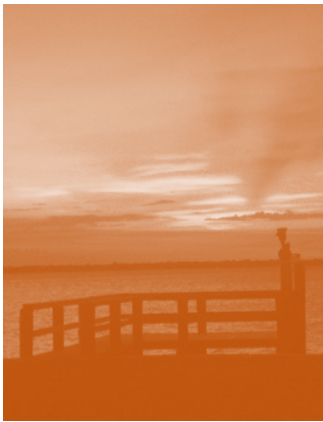
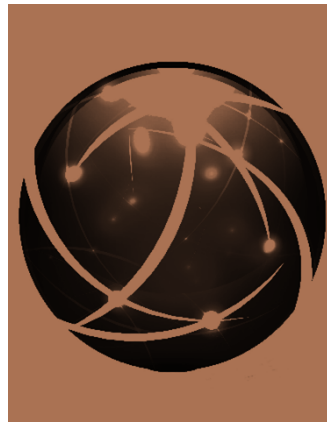
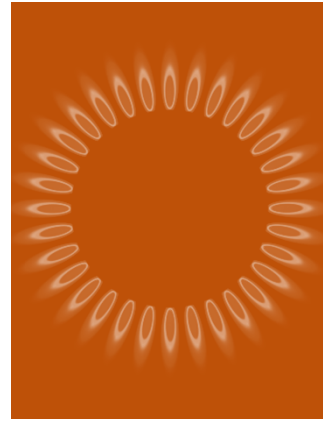
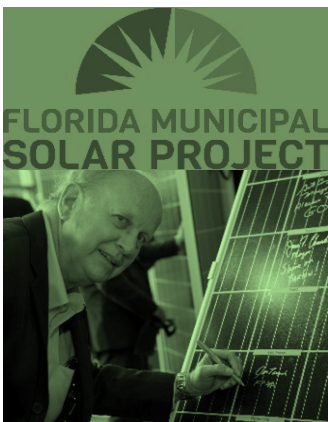
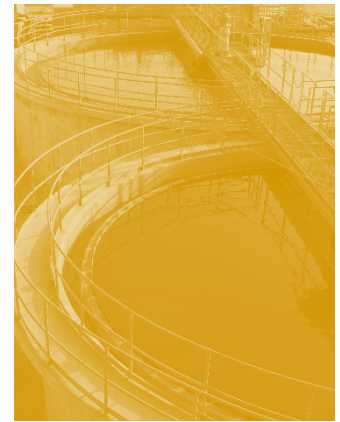


FORT PIERCE UTILITIES AUTHORITY

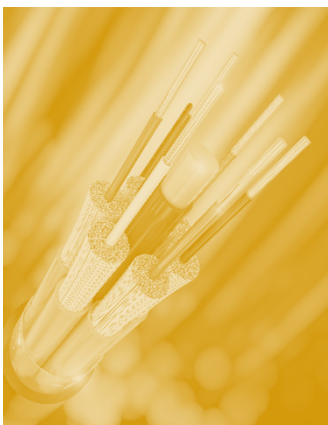


FOR THE FISCAL
YEAR ENDING
SEPTEMBER 30, 2019

AMENDING FISCAL
YEAR ENDING
SEPTEMBER 30, 2018



2018-2019
ANNUAL
BUDGET



Fort Pierce, FL
www.fpua.com

Fort Pierce Utilities Authority
A Component Unit of the City of Fort Pierce, Florida

ANNUAL BUDGET

For the fiscal year ending September 30, 2019
Amending the fiscal year ending September 30, 2018

Prepared by
Department of Finance

Nina B. Penick, CPA
Director of Financial Services
npenick@fpu.com
www.fpu.com



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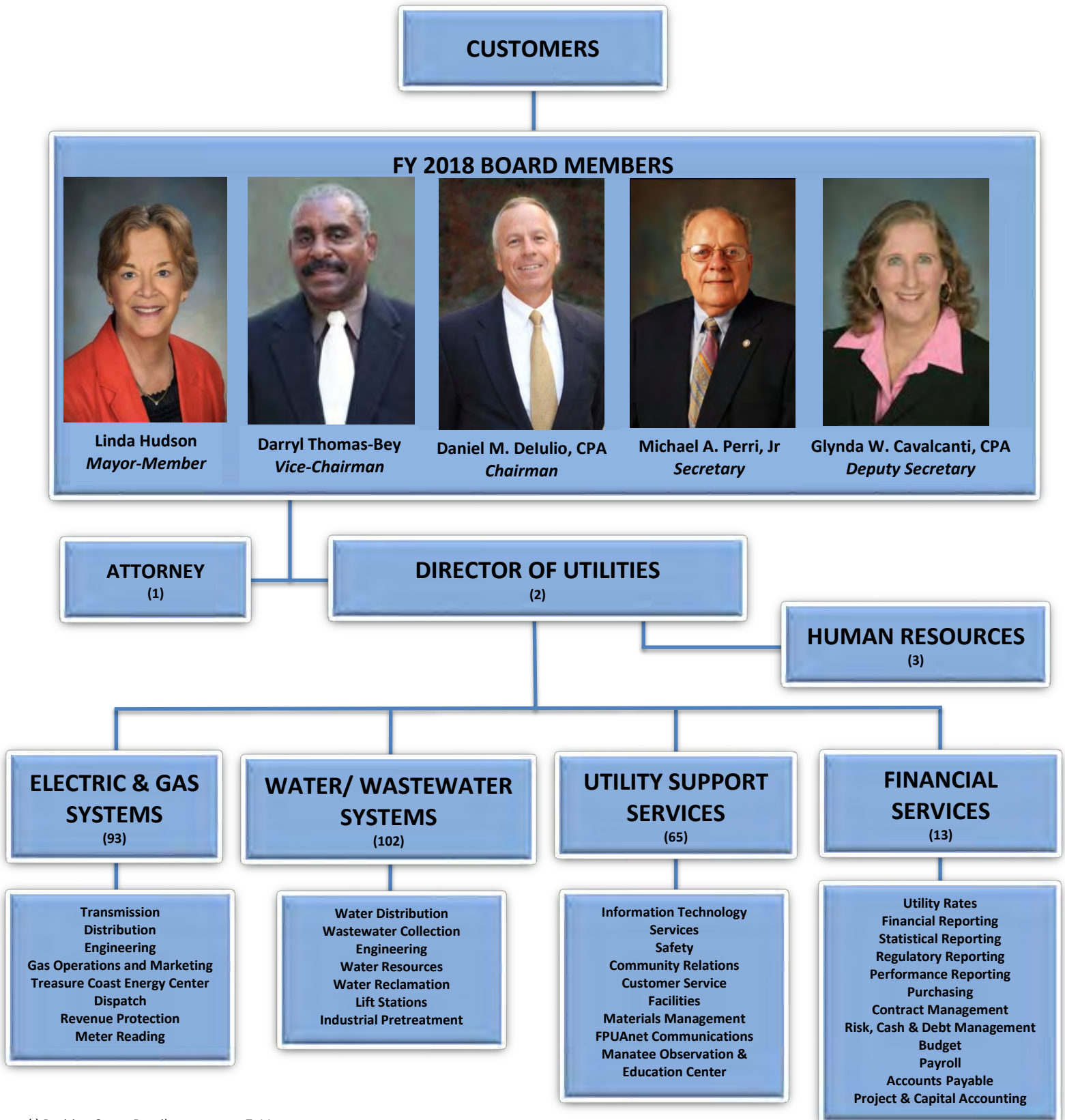
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OVERVIEW

FORT PIERCE UTILITIES AUTHORITY

Organizational Structure



() Position Count Details - see pages 7-11

Fort Pierce Utilities Authority

"To provide our customers with economical, reliable and friendly service"

Fort Pierce Utilities Authority employees have “enhanced the quality of life in our

2-1-1 Treasure Coast	FPUA Sponsored Events
Alzheimer's Community Care	Girl Scouts of Southeast Florida
American Cancer Society	Give Back to Kids
American Red Cross	Grace Emmanuel Church
ARC of St. Lucie County	Great American Cleanup
Bat and Ball Club of St. Lucie County	Gulfstream Council COPE
Big Brothers/Big Sisters	H.A.N.D.S.
BlueBird Educational Foundation	Habitat for Humanity
Boys & Girls Club of St. Lucie County	Healthy Start Coalition of St. Lucie County
Boy Scouts of America	Heathcote Botanical Gardens
C.A.S.T.L.E.	Hibiscus Children's Center
Children's Services Council	Hibiscus Park Crime Watch & Neighborhood Association
Christ Family Church	Highwaymen Festival
Conservation Alliance of SLC	Hospice of the Treasure Coast
Council On Aging of St. Lucie County	In the Image of Christ, Inc.
Deaf & Hard of Hearing Services of the TC	Jack and Jill of America
Dogs & Cats Forever	Keep Fort Pierce Beautiful
Dr. MLK, Jr. Commemorative Committee	Kids Crossing Playground
Drug Abuse Treatment Association, Inc. (DATA)	Kids at Hope
Early Learning Coalition	Kiwanis Clubs
Family Fun Day Lawnwood Stadium	Leadership Saint Lucie
Family Meals	Life Builders of the TC
First United Methodist Church	Lincoln Park Main Street
Florida Army National Guard	Living Faith Church Music Director
Florida's Blood Centers	Main Street Fort Pierce
Florida Engineering Society	Manatee Observation & Education Center (MOEC)
Floridians Fighting Falls	Marine Cleanup Initiative
Food for Families	Marine Corp League
Fort Pierce Police Dept. Chaplain	

Mission Statement

in a continuous effort to enhance the quality of life in our community"

community" by contributing their time and service to the following organizations:



Moore's Creek Clean Up	St. Lucie County Economic Development Council
Multicultural Resource Center	St. Lucie County Harbor Advisory Committee
Mustard Seed Ministries	St. Lucie County Schools
Navy UDT-SEAL Museum	St. Lucie County Sheriff
Northside Bat and Ball Club	Sea-Life Habitat Improvement Project
Oxbow Eco-Center	Solar & Energy Loan Fund
Oyster Fest	Stephens Ministry
PACE Center for Girls, TC	Somerset College Preparatory Academy
Parkview Baptist Church	Stuff the Bus
Pilot Club of Fort Pierce	Susan G Komen - Strides Against Breast Cancer
Police Athletic League (PAL)	The Crossing Community Church
Pregnancy Care Center	The Parent Academy
Relay for Life	The Van Duzer Foundation
Restoring the Village Initiative	The Worship Center International Ministries
Rotary Clubs	Toastmasters International
Roundtable of St. Lucie County	Treasure Coast Blood Bank
Royal Palms of St. Lucie	Treasure Coast Education & Research Development
Safe Space of St Lucie	Treasure Coast Environmental Ed. Council
SAFER SLC	Treasure Coast Food Bank
Saint James Christian Academy	Treasure Coast High School
Salvation Army Christmas Angels	Treasure Coast Manatee Foundation
Sandy Shoes Festival	Treasure Coast Renegades Youth Football
Sarah's Kitchen	Treasure Coast Waterway Clean Up
Save Our Children	United Against Poverty Center of St. Lucie Co.
St. Andrews Episcopal Church	United Way of St. Lucie County
St. Lucie County Chamber	Venturing Crew 24700
St. Lucie County Critical Incident & Stress Management	Winners Walk Tall
St. Lucie Education Foundation	
St. Lucie County Friends of Public Health	

UTILITY SYSTEMS DESCRIPTION

The Electric, Water, Wastewater, and Natural Gas Utility Systems, FPUAnet® Communications, and the Manatee Observation and Education Center (MOEC) are managed and operated for the City of Fort Pierce by Fort Pierce Utilities Authority (FPUA). FPUA was established in accordance with provisions of the City of Fort Pierce Charter, Article XII.

Fort Pierce Utilities Authority is a municipal utility, and is a discretely presented component unit of the City of Fort Pierce. FPUA's community investments keep money locally when possible and FPUA Board meetings are open to the public. FPUA is recognized by the American Public Power Association as one of 254 utilities nationwide designated a "Reliable Public Power Provider" (RP3).

FPUA is governed by a utility board made up of residents of the community, who are customers of the utility. The FPUA Board consists of five members, one of whom is the Mayor-Commissioner of the City, who serves on the Board as long as he or she holds such office. The City Commission appoints the other four members for four-year overlapping terms. No member of the FPUA Board shall serve more than two consecutive four-year terms.

ELECTRIC SYSTEM

The Electric System serves the City of Fort Pierce and the immediate surrounding area ([Appendix A – Page 1](#)), encompassing approximately 35 square miles, with an average of 28,287 services billed during the fiscal year ended September 30, 2017. FPUA currently has 16 miles of 69kV and 7.5 miles of 138kV transmission lines. The 69kV lines interconnect six sub-transmission substations and the 138kV connects two transmission substations to Florida Power and Light (FPL) and the City of Vero Beach. FPUA and the City of Vero currently jointly own the 138 kV line from Emerson Substation to County Line Substation. FPUA plans to sell its interest in this jointly owned transmission line to FPL in Fiscal Year 2018 contingent upon the consummation of the Vero Beach Utility sale to FPL. FPUA's primary distribution has approximately 266 miles of overhead and 151 miles of underground cable which operates at 13.2kV. FPUA and FPL have a territorial agreement approved by the Florida Public Service Commission. FPUA's peak demand for 2017 was 112 MW.

On December 16, 1997, FPUA agreed to participate in Florida Municipal Power Agency's All-Requirements Power Supply Project (ARP). In doing so, FPUA is now one of 13 municipally owned utilities in ARP. The principal benefits of ARP are:

1. Lower operating costs through utilization of the most efficient generation available.
2. Future generation will be planned for the collective systems, as needed, by FMPA.
3. Economies of scale in operating, planning, and financing.
4. Lower risk with more units and more cities working together.

As of January 1, 1998, FPUA assigned its resources to ARP and agreed to purchase its total power requirements from ARP. FPUA's resources, which have been assigned, include the contracts with FMPA related to Stanton Unit No. 1 (Stanton and Tri-City Projects) and Stanton Unit No. 2. The contracts related to the St. Lucie Nuclear Project have not been assigned.

On May 31, 2008, FPUA's Henry D. King Power Plant was decommissioned, and FMPA's Treasure Coast Energy Center (TCEC) began commercial operation. FPUA continues to operate the TCEC for FMPA on a contract basis, utilizing FPUA employees.

WATER SYSTEM

The Water System serves the City of Fort Pierce and the immediate surrounding area ([Appendix A – Page 2](#)), encompassing approximately 32 square miles, with an average of 20,221 services billed during the fiscal year ended September 30, 2017. Water supply is obtained from 36 Surficial Aquifer wells (shallow) and 11 Floridan Aquifer wells (deep). FPUA currently has a Water Use Permit (WUP) from the South Florida Water Management District (SFWMD) to withdraw an annual daily average not to exceed 21.13 million gallons (MG) of ground water. Treatment of the raw ground water is presently accomplished through a 20 million gallons per day (MGD) conventional Lime Softening Water Treatment Plant and a 10.3 MGD Reverse Osmosis Water Treatment Plant. FPUA owns and operates a 13.3 MGD air stripping system which services the lime softening portion of FPUA's Water Treatment Facility. FPUA meets all federal and state drinking water standards. FPUA has 9 MG of storage capacity. The water distribution system is composed of 385 miles of water mains, remote pumping facilities, ground level storage tanks, hydrants, and valves.

WASTEWATER SYSTEM

The Wastewater System serves the City of Fort Pierce and the immediate surrounding area ([Appendix A – Page 3](#)), encompassing approximately 30 square miles, with an average of 15,084 services billed during the fiscal year ended September 30, 2017. The wastewater collection system consists of 116 lift stations, 172 miles of gravity sewer lines ranging from 4 to 48 inches in diameter, and approximately 97 miles of force mains ranging in size from 1.5 to 24 inches in diameter. The Island Water Reclamation Facility (IWRf) currently has a permitted capacity of 10 MGD for Annual Average Daily Flow (AADF) and 11.5 MGD for 3-Month AADF. The Florida Department of Environmental Protection (FDEP) has issued an operating permit which will be adequate through December 10, 2022. FPUA has one domestic deep injection well (IW) at the IWRf plant site. A pumping station injects treated/disinfected effluent into the 3,300-foot deep injection well for disposal. The IWRf IW-1 well is a twenty-four inch domestic well which is permitted through 2022. There are two deep injection wells located on the site of the future Mainland Water Reclamation Facility (MWRf), in the southwest corner of the service area. IW-1 is an 18-inch industrial deep injection well with a capacity of 2.7 MGD, PHF and IW-2 is a 24-inch domestic deep injection well. IW-1 accommodates the TCEC's industrial wastewater stream and St. Lucie County landfill leachate, and is permitted through August 4, 2020. The IW-2 well is currently not in operation and therefore is not permitted. Both wells can be utilized for disposal of MWRf effluent when that facility is constructed.

NATURAL GAS SYSTEM

The Natural Gas System serves the City of Fort Pierce and the immediate surrounding area ([Appendix A – Page 4](#)), encompassing approximately 27 square miles, with an average of 4,128 services billed during the fiscal year ended September 30, 2017. The Natural Gas System purchases firm gas for resale through the Florida Gas Utility (FGU). FGU has a contract with Florida Gas Transmission for the transportation of gas to FPUA's system. Gas purchases are supplied by FGU under an "All Requirements" agreement. The Gas Operations Department is responsible for the installation and maintenance of all gas mains and service lines. The department also employs a staff of qualified gas service technicians to maintain and repair customers' natural gas appliances.

FPUAnet® COMMUNICATIONS

FPUAnet Communications’ mission is to help promote economic development and meet the needs of our community with enhanced, reasonably priced communications alternatives. FPUAnet provides high quality, state-of-the-art fiber optic and wireless communication services to businesses and institutions. FPUAnet services also include point to point Wireless Broadband Internet and Wireless Bandwidth Connections for applications with less stringent requirements, which extend FPUA’s fiber through wireless communications.

MANATEE OBSERVATION & EDUCATION CENTER

The Manatee Observation & Education Center is located on Moore’s Creek east of Indian River Drive in Fort Pierce. MOEC’s mission is to promote understanding and responsible actions for the protection of the fragile ecosystems in the Treasure Coast Region and their inhabitants. The Manatee Center accomplishes environmental education and community involvement through an active education outreach program and a volunteer corps of nearly 80 volunteers who staff the Exhibit Hall, Vanishing Mermaid Gift Shop and community events. The Manatee Center Exhibit Hall, a museum of aquatic tanks and environmental information, provides a clean and safe facility for viewing manatees and other inhabitants of the Indian River Lagoon. Over 41,300 visitors from all over the world visited the Center during fiscal year 2017, and 308 manatees were sighted. Volunteers provided a substantial donation to the Center with a total of 10,639 hours of volunteer time.

MAP OF FLORIDA SHOWING THE LOCATION OF FORT PIERCE



DIRECTOR OF UTILITIES

John K. Tompeck, P.E.

***Director of
Electric & Gas Systems***

Paul A. Jakubczak, P.E.

***Director of
Financial Services***

Nina B. Penick, CPA

***Director of
Water/Wastewater Systems***

Bo Hutchinson, P.E.

***Director of
Utility Support Services***

Javier Cisneros, P.E.

Human Resources

Lois A. Wolfe, SHRM-CP
Manager

Department	FINAL 9/30/2016	FINAL 9/30/2017	AMENDED BUDGET 9/30/2018	ORIGINAL BUDGET 9/30/2019	CHANGE FROM 9/30/2018 TO 9/30/2019
10 Board	5	5	5	5	-
11 Director of Utilities	2	2	2	2	-
12 Attorney	1	1	1	1	-
15 Human Resources	3	3	3	3	-
TOTAL FTE	11	11	11	11	-

DIRECTOR OF ELECTRIC & GAS SYSTEMS

Paul A. Jakubczak, P.E.

Electric Transmission & Distribution

Wilburn L. Crawford
Superintendent

Electric Operations

Thomas Parker
Superintendent

Gas Operations

Craig Crawford
Superintendent

Electric & Gas Engineering

Larry Lammers, P.E.
Supervising Engineer

Treasure Coast Energy Center

Edward S. Leongomez
Plant Manager

Department	FINAL 9/30/2016	FINAL 9/30/2017	AMENDED BUDGET 9/30/2018	ORIGINAL BUDGET 9/30/2019	CHANGE FROM 9/30/2018 TO 9/30/2019
02 Treasure Coast Energy Center	13 D	13 D	15 D	15 D	-
51 Director of Electric & Gas Systems	1	1	1	1	-
54 Electric Transmission & Distribution	23 D	23 D	23	25	2
55 Electric Operations	24 D	24 D	23 D	24 D	1
56 Electric & Gas Engineering	9 P	9 P	11 D,P	13 D,P	2
74 Gas Operations	15 D	15 D	15 D	15 D	-
TOTAL FTE	85	85	88	93	5

D - Includes DROP participant employees

P - Excludes part-time employees

DIRECTOR OF WATER/WASTEWATER SYSTEMS

Bo Hutchinson, P.E.

Water/Wastewater Engineering

James Leland Carnes, P.E.
Supervising Engineer

Water Resources

Keith Stephens
Superintendent

Water Distribution

Andrew D. Byrd
Superintendent

Wastewater Collection/Reclamation

Mark Kobbe
Superintendent

Department	FINAL 9/30/2016	FINAL 9/30/2017	AMENDED BUDGET 9/30/2018	ORIGINAL BUDGET 9/30/2019	CHANGE FROM 9/30/2018 TO 9/30/2019
61 Director of Water/Wastewater Systems	1	1	1	1	-
62 Water Resources	24 D	24 D	25 D	25 D	-
64 Water Distribution	28 D	28 D	27 D	27 D	-
66 Water/Wastewater Engineering	11 P	11 P	12 P	13 P	1
82 Water Reclamation	16 D	16 D	16 D	16 D	-
84 Wastewater Collection	19 D	19 D	20 D	20 D	-
TOTAL FTE	99	99	101	102	1

D - Includes DROP participant employees

P - Excludes part-time employees

DIRECTOR OF UTILITY SUPPORT SERVICES

Javier Cisneros, P.E.

Customer Service

Regina D. Morris
Manager

Information Technology Services

Thomas Fryar
Manager

Facilities/Materials Management

Eric Winterstein, C.F.M.
Superintendent

FPUAnet® Communications

David Green
Manager

Community Relations

Judith A. Widmayer
Manager

Safety

Rae Lynn de Boer
Safety Officer

Manatee Observation & Education Center

Rachel Tennant
Manager

Department	FINAL 9/30/2016	FINAL 9/30/2017	AMENDED BUDGET 9/30/2018	ORIGINAL BUDGET 9/30/2019	CHANGE FROM 9/30/2018 TO 9/30/2019
01 Manatee Observation & Education Ctr	3 P	3 P	4 P	4 P	-
18 Safety	1 P	1 P	1 P	1 P	-
22 Materials Management	6 P	6 P	6 P	6 P	-
31 Director of Utility Support Services	1	1	2	2	-
32 Information Technology Services	17 D	17 D	17 D	17	-
35 Facilities	5 D	5 D	5	5	-
41 Community Relations	-	-	1	1	-
43 Customer Service	26 D	26 D	26 D	26 D	-
93 FPUAnet Communications	2 D	3 D	3	3	-
TOTAL FTE	61	62	65	65	-

D - Includes DROP participant employees

P - Excludes part-time employees

DIRECTOR OF FINANCIAL SERVICES

Nina B. Penick, CPA

Department	FINAL 9/30/2016	FINAL 9/30/2017	AMENDED BUDGET 9/30/2018	ORIGINAL BUDGET 9/30/2019	CHANGE FROM 9/30/2018 TO 9/30/2019
21 Finance	13	13	13	13	-
TOTAL FTE	13	13	13	13	-

FPUA TOTAL FULL-TIME POSITIONS

Department	FINAL 9/30/2016	FINAL 9/30/2017	AMENDED BUDGET 9/30/2018	ORIGINAL BUDGET 9/30/2019	CHANGE FROM 9/30/2018 TO 9/30/2019
Director of Utilities	11	11	11	11	-
Director of Electric & Gas Systems	85	85	88	93	5
Director of Water/Wastewater Systems	99	99	101	102	1
Director of Utility Support Services	61	62	65	65	-
Director of Financial Services	13	13	13	13	-
TOTAL FTE	269	270	278	284	6

TeamUA - Over 2,600

JAMES D ADAMS
 JOHN N ADAMS
 CHARLES ALFORD
 KATHARINE A ALFORD
 WILLIAM A ANDERSON
 TINA ATTEY
 ANDREW AVERS
 CHRISTOPHER A BACK
 MAURICE BACON
 JEFFREY W BAKER
 RAUL L BARRERA
 JAMES P BARRY
 RYAN D BASTINE
 MEREDITH L BENNETT
 KARYL R BERTRAM
 LORI BIANCO
 JO-ANN BILYK
 DONALD W BLACK
 MARCUS E BOECKEL
 S LANCE BRICK
 DANIEL BROLMANN
 WILLIAM BROOKS
 ROGER C BROWN
 CANDACE H BUCZINSKY
 VICTOR J BURRIS
 ANDREW D BYRD
 JOSHUA CALANDRO
 JOHN C CANARD
 DADE C CAPPAR
 JAMES CARNES
 GLYNDA W CAVALCANTI
 MICHAEL P CHIDGEY
 JAVIER CISNEROS
 LINDA CLARK
 ANDRE D CLEVELAND
 RICK CLEVINGER
 CHARLES D CONNELL
 BRETT D CORBETT
 BRANDY CRAWFORD
 CRAIG A CRAWFORD
 WILBURN L CRAWFORD
 CLAYTON B CROUCH
 CHRISTOPHER CRUMBLY
 JONATHAN D CRUMBLY

JOSEPH E CRUTCHFIELD
 JENNIFFER CUEVAS FERMIN
 ROBYN CURLEY
 MICHAEL W CURRID
 THOMAS M DAROZA
 TYRUS R DARVILLE
 ALDONIO DASILVA
 JOEL DAVIS
 ROBERT P DAVIS
 LUGEY DAWSON
 RAE LYNN DE BOER
 DANIEL DEIULIO
 JAMES S DENMAN
 OWEN A DENNIS
 SCOTT DENNIS
 GARY DEPASTINO
 ANDREW J DIGIACOMO
 SEDDRICK L DIXON
 THOMAS A DRISKELL
 JASON D DROST
 PETER DUNCAN
 SCOTT DYKEMA
 JASON A ERWIN
 ROBERT R ESCHMANN
 TRENT A EURY
 STEVEN S FERGUSON
 DENISE E FOUNTAIN
 SHARI G FRANCO
 THOMAS A FRYAR
 NORIEL FUMERO
 JOSEPH M FUORE
 SHERRY L FURGERSON
 FREDERICK C GADDIS
 TAMERA C GALLUCCI
 JOSHUA P GANG
 STEVEN F GATINS
 BARBARA J GIBSON
 MICHAEL R GIFT
 PATRICK E GILLESPIE
 KEVIN GILLETTE
 MONIQUE N GILSINAN
 PATRICIA L GILSINAN
 JOSEPH T GILSON
 SONIA V GOMEZ

ANTONIO GONZALEZ
 WILLIAM GOODWIN
 MICHAEL GORDON
 STACY N GORDON
 CROSBY GORE
 DAVID GREEN
 RONALD L HAGWOOD
 GEORGE R HALL
 DIANE HARRIS
 JAMES E HARRIS
 MICHELE S HARRIS
 MATTHEW D HARWARD
 GORDON E HAYMAN
 STEVE HERDEMAN
 ADAM R HOFFER
 ESTELA Q HOLMAN
 KYLE HOLMAN
 BRANDON R HOULE
 NIKOLAS J HOUTRIDES
 DEWEY W HUDMAN
 LINDA HUDSON
 TIMOTHY J HUGHES
 LESTER C HUMMEL
 BOWDOIN G HUTCHINSON
 MARCUS T JACKSON
 PAUL A JAKUBCZAK
 SIDNEY L JERGER
 SIDNEY LEVON JERGER
 ANA M JOHNSON
 CHONTAE L JOHNSON
 CHRISTOPHER JOHNSON
 TERRY R JOHNSON
 MICHAEL D JONES
 ROBERT JONES
 KERVANS JOSEPH
 WILLIAM R KAEFF
 ADAM KEE
 MARTHA A KERR
 MARK KOBBE
 RUPERT N KOBLEGARD III
 JENNIFER KRIP
 KUPER KRUEGER
 ALICE M LADOMIRAK
 PAUL LAGUERRE

Years of Dedicated Service



JOSEPH L LAMMERS
 DOMINIC F LANE
 MICHAEL J LEDOUX
 EDWARD S LEONGOMEZ
 KAREN S LLANAS
 ERIN B LOMAX
 SCOTT LOVEN
 PAUL C LUGARA
 ALAN LUNA
 PAUL L MADSEN
 WANDA MAGNUSON
 WILLIAM H MAIN
 TAMMY R MALIN
 GLEN P MANCHESTER
 FRED MANN
 LAURIE A MARTIN
 MELISSA MARTIN
 MICHAEL J MARTIN
 STEPHEN E MASTELLER
 KENNETH H MAXWELL
 FLORINDA K MAZZARELLA
 TOMMIE V MCCARTHY
 NANCY L MCCONKEY
 TERRANCE MCMILLON
 KEVIN S MCDONALD
 DANIEL MCKINLEY
 JOHN W MCMILLIAN
 STONEY X MCPEEK
 ROSALINE MICHEL
 BARBARA A MIKA
 GEORGE E MILLER
 JOSHUA J MILLER
 JASON M MITTLER
 KENNETH J MORRIS
 REGINA D MORRIS
 LARRY M MORRISON
 STEVEN MOSELY
 MICHAEL J MULVANEY
 STEVEN MURTO
 RICHARD W MUTTERBACK
 KYLE R MYERS
 CHRISTELLE MYRICK
 CHRISTOPHER C NASSO
 RUFUS NELSON

DINO G NESSELRODE
 WILLIAM D NORTON
 TINA L O'CONNELL
 KIMBERLY E OKUBO
 PAUL J OLEKOSKI
 SHANNON ONDERLINDE
 JOHNNY ORTIZ
 SHANE OSTRANDER
 NANCY J PALKA
 PATRICIA C PARKER
 THOMAS E PARKER
 SHELIA L PARNELL
 KEVIN W PARRISH
 EDWARD L PATRICK
 DARIN PATTERSON
 ERIC PEARSON OLIVO
 NINA B PENICK
 MICHAEL A PERRI
 RICHARD G PETERSEN
 RONNIE PREBILSKY
 QUINCY A PRICE
 TONY T PRICE
 JOSHUA O PRINE
 DOUGLAS A PUPARD
 CHARLES D PUTNAM
 FRANCISCO RAMOS
 STEPHANIE RAULERSON
 SERITTA S REEVES
 J KEVIN RHODEN
 TIMOTHY W RICHARDS
 EDWIN RICHBERG
 HEATHER M RICUCCI
 SHILOH V SHOLANDER
 CARMELO SIGNORELLI
 ROBERTO S RIGUAL
 DAVION L ROLLE
 WILLIAM ROLLE
 LINDA L ROSADO
 SAMANTHA ROWLAND
 JAMES R SCHMITT
 SAL A SCIMECA
 HARRY SHERVA
 JOSHUA SHOLANDER
 SHILOH V SHOLANDER

CARMELO SIGNORELLI
 STERLING R SIMMONS
 VALENTIME C SIRMONS
 JULIE Z SIZEMORE
 SHAWN SMITH
 CIRO E SOTELO
 JOEL SPADES
 CHARLES J STANG
 KENNETH F STEPHAN
 ANGELA M STEPHENS
 B KEITH STEPHENS
 KURTIS D STRAND
 CHARLES S SWINDLE
 TONYA L TARDIF
 KIMBERLY L TAYLOR
 WILLIAM TAYLOR
 RACHEL R TENNANT
 DEBRA THERIAULT
 MARY E THOMAS
 DARRYL R THOMAS-BEY
 JOSEPH R TIETZ
 DANIEL D TILLMAN
 NICOLE H TIPTON
 ROBERT E TIPTON
 JOHN K TOMPECK
 ANDREA L TRASFERINI-SLOWN
 LARRY W TYNDALL
 MASON T URSO
 OSVALDO VALDES
 LOUDWIN VASQUEZ
 ROBERT W VAUGHN
 CHRISTOPHER J VELARDO
 ANDREW J WARE
 KARISSA N WARE
 JABAREY D WARREN
 PETER WICINSKI
 JUDITH A WIDMAYER
 EDMOND WILLIAMS
 STACEY WILLIAMS
 CAROL A WILSON
 OLIVER C WINT
 ERIC R WINTERSTEIN
 LOIS A WOLFE
 SHARON WOLKOWICZ
 TERRANCE A YEARBY

RESOLUTION NO. U.A. 2018-05

A RESOLUTION ADOPTING A BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2018 AND ENDING SEPTEMBER 30, 2019 AND AMENDING THE BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2017 AND ENDING SEPTEMBER 30, 2018, FOR FORT PIERCE UTILITIES AUTHORITY OF THE CITY OF FORT PIERCE, FLORIDA.

Be it resolved by Fort Pierce Utilities Authority:

SECTION 1: That Fort Pierce Utilities Authority of the City of Fort Pierce, Florida, hereby adopts as its FY 2019 budget and amends its FY 2018 budget, for the operation of the utility systems of the City of Fort Pierce, Florida, in accordance with the City of Fort Pierce Charter, Article XII, Section 176(12), the estimates for FY 2019 and FY 2018 made by the Director of Utilities of said Fort Pierce Utilities Authority. Said estimates have been presented to Fort Pierce Utilities Authority in July 2018, detailed estimates are now on file with the Director of Utilities of said Fort Pierce Utilities Authority, and a summary of said estimates are made a part hereof.

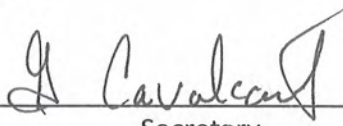
SECTION II: That it shall be the duty of the Director of Utilities of said Fort Pierce Utilities Authority to set up appropriations of revenue and expenses on the account records of said Fort Pierce Utilities Authority, to keep such accounts in conformity with said summary as required by the aforementioned City of Fort Pierce Charter, Article XII, Section 176(12), and as may be directed from time to time by Fort Pierce Utilities Authority.

SECTION III: That this Resolution shall be in full force and effect upon passage by Fort Pierce Utilities Authority and the City Commission of the City of Fort Pierce, Florida.

SECTION IV: That there follows, and is incorporated herein, the attached summaries herein above referred to in Section I hereof.

Passed and adopted this 3rd day of July, 2018.

ATTEST:



Secretary
(FPUA Seal)

FORT PIERCE UTILITIES AUTHORITY

BY: 

Chairman

APPROVED AS TO FORM & CORRECTNESS:

BY: 

Fort Pierce Utilities Authority Attorney

500 Boston Avenue (34950)
PO Box 3191 (34948)

Phone: 772.466.1600, Ext. 3298
Fax: 772.467.2504

Director of Financial Services
“Committed to Quality”

June 27, 2018

MEMBERS OF FORT PIERCE UTILITIES AUTHORITY BOARD
Fort Pierce, Florida

Dear Board Members:

This budget document is submitted in accordance with the provisions of the City of Fort Pierce Charter, Article XII, Section 176(12), and is comprised of the Revenue Budget, Operations & Maintenance (O&M) Budget, Capital Budget, and Debt Service. As required by Florida Statutes, the document presents a balanced budget; i.e., expenses do not exceed revenues or amounts carried over from prior fiscal years. It has been prepared using the accrual basis of accounting ([See Budget Policy page 33](#)). The figures contained herein reflect the revenues and expenses necessary to maintain current levels of service provided to the existing and new customers of Fort Pierce Utilities Authority (FPUA). Revenues and expenses are subject to appropriation of FPUA’s sole enterprise fund.

The Budget is the financial guide for the operation of FPUA during the upcoming fiscal year. The adoption of this document is one of the most important issues the Board votes on annually. The Budget establishes the financial limits used to provide utility services to FPUA’s customers. It serves as the ultimate guide for the Director of Utilities and staff when planning, organizing, and implementing the policies needed to provide safe, reliable service at the most economical rates possible.

Both the Capital Budget and the O&M Budget, which includes revenues and expenses, have been reviewed and discussed by the Board in a working document format at the Public Budget Workshop on May 21, 2018 and at the June 5, 2018 Board meeting.

A slight revival of the economy, the lessening number of foreclosures, and rising commodity prices continue to impact this year’s budget. Although there are still many vacant homes and commercial properties in FPUA’s service territory, real estate sales activity has picked up. A few incomplete residential developments have resumed construction. FPUA remains optimistic about future growth.

These budgets reflect changes in revenues which correspond with changes in the cost of purchases for resale. Increases in the FY 2018 Amended and FY 2019 Original Budgets are driven by higher natural gas prices.

Expenses have increased slightly, and 14 new positions have been added or proposed since the budget was prepared last year. Staff intends to continue to provide customers with the high-quality services and products to which they have become accustomed. Staff continues to monitor FPUA's financial position on an ongoing basis to determine whether operating cash balances, revenues and expenses remain within expected ranges. Future rate adjustments have not been included in the FY 2019 revenue budget, although they are anticipated to be proposed.

The proposed Capital, Personnel and O&M Budgets have been thoroughly reviewed by the Budget Review Committee (BRC). The BRC includes the Director of Utilities, Director of Financial Services, Controller, and the Assistant Controller and Utility Accountant with the corresponding responsibility for either Capital or O&M. The BRC scrutinized each budget in detail with each Department Head and recommended changes, if appropriate. The proposed budget was evaluated as compared to the spending benchmarks.

A public workshop was held to present the proposed budgets to the FPUA Board and to provide the opportunity to review the assumptions made in the preparation of the budget. The budget policy, budget preparation process and budget preparation flowchart are presented in additional detail on [pages 33 through 35](#).

FY 2019 BUDGET

The Director's Budget for FY 2019 is divided into five major sections:

1. **OVERVIEW** – Contains the Organizational Structure, Utility Systems Description, Budget Resolution for both adopting the FY 2019 Budget and amending the FY 2018 Budget, Budget Message, GFOA Distinguished Budget Presentation Award, Budget Policy, Budget Preparation Process, Budget Preparation Flowchart, Significant Financial Policies, Unit Sales Statistics, Computation of Change in Net Position and Funds Available for Capital and Other, Estimated Distribution to the City of Fort Pierce for FY 2018 and FY 2019, Budgeted Statement of Net Position as of September 30, 2018 and 2019, and Outstanding Debt and Debt Service.
2. **REVENUES** – Contains the historical and forecasted revenues for each utility system, discussion about revenue sources and trends, and their cause.
3. **OPERATIONS & MAINTENANCE** – Contains the O&M Expenses summarized by Department, by System, by Category, and by Object Code. Also included is the Allocation Distributions for FY 2018 and FY 2019, projections for operating expenses for each department, and a description of each department's core services, accomplishments, and performance measures.

4. **CAPITAL** – Contains charts depicting the impact of the FY 2019 Capital Budget on the current and future operating income; details of the funding sources and investments needed for improvements, replacements and extensions of facilities, plant, machinery, and vehicles. In addition to a summary of the FY 2019 Capital Budget, the major projects in process and planned are highlighted in some detail.
5. **APPENDICES** – Contains maps of FPUA’s service territories, revenue definitions, object code definitions, glossary, abbreviations and acronyms, performance indicators, and economic and demographic statistics.

STRATEGIC PLANNING

FPUA’s Strategic Management Plan continues to promote interdepartmental communication and cooperation as well as encouraging increased employee involvement in achieving company goals that support FPUA’s Mission Statement. The Strategic Planning Public Workshop held April 30, 2018 was focused on six key result areas.

Building the Utility/Building the City – FPUA’s top goal over the next six years will be to implement an Advanced Metering Infrastructure (AMI) system for the Electric, Water and Gas systems. The cost is expected to be financed, and proposals will be requested before fiscal year end. Expansion opportunities will be pursued for the Water, Wastewater, FPUAnet and Gas systems. FPUA will continue to gradually invest in the infrastructure needed to redirect the flow of wastewater toward a future Mainland Water Reclamation Facility.

Reliability – Wastewater pipe lining will be expanded as funding is available, in order to reduce inflow, infiltration and exfiltration, and therefore reduce washouts, street repairs, and costs associated with treating storm water. Gas reliability will be improved through the replacement or installation of valves, replacing corroded steel mains with polyethylene, looping dead-end mains, and implementation of a SCADA monitoring system which will detect pressure fluctuations and avoid service interruptions. Electric reliability will be improved with more aggressive tree trimming, increased animal deterrent measures, and installation of devices which will reduce the frequency and length of service interruptions.

Employee Development and Satisfaction - FPUA provides opportunities for advancement within the organization and is honest with employees as to expectations and possibilities. On average, more than 2% of employees’ time is spent in training. Apprenticeship and internship programs have helped develop the specialized skills needed. As the job market has improved, FPUA is enhancing efforts to attract and retain the best qualified employees for each job. A Pay for Performance plan is being developed to reward superior job performance.

Competitive Rates – FPUA compiled a Capital Improvement Plan this year which, if fully spent, will require increases in Water, Wastewater and Gas rates that will be proposed before the end of the fiscal year. Electric rates remain competitive primarily due to the cost of power purchased from Florida Municipal Power Agency.

FPUA Image – Regardless of how well FPUA serves its customers, the perception of some members of the community falls short. FPUA will expand the use of social media to convey messages about all the positive contributions made to the community on a regular basis.

Customer Service - A Business Development Officer has been hired to concentrate on potential, new and other commercial customers seeking to expand their existing facilities, along with offering streamlined economic incentives.

Additional goals and accomplishments are quantified by department in the O&M section of this budget on pages [63 through 126](#).

RATES

Although Water, Wastewater and Gas rate increases will be proposed before the end of the year, this budget reflects no projected rate increases. FPUA will continue to compare revenues to spending levels on an ongoing basis to evaluate the need for rate adjustments, and/or the implementation of cost cutting measures. Below is an illustration of residential rates for the average customer per month, over the last three years.

<u>Utility Service</u>	<u>Average Consumption</u>	<u>September 2016</u>	<u>September 2017</u>	<u>September 2018</u>
Electric	1,000 kWh	\$107.84	\$120.84	\$114.84
Water	6,000 gallons	35.18	35.18	35.18
Wastewater	6,000 gallons	48.24	48.24	48.24
Natural Gas	13 ccf	30.82	31.47	30.82

UNIT SALES

Unit sales levels and customer billings for FY 2018 and FY 2019 for the Electric, Water, Wastewater and Natural Gas systems have been estimated by FPUA staff, and are based upon historical data included in the Comprehensive Annual Financial Report (CAFR) as well as detailed billing and customer statistics, and anticipated changes to this data. The projections assume normal weather patterns.

These budgets reflect flat anticipated unit sales and customer billings (generally increasing or decreasing very little) for the Electric and Wastewater systems. Moderate growth in Electric Residential unit sales have more than offset the decrease in City LED Streetlight consumption. Anticipated growth in the Water system has not been as robust as originally anticipated for FY 2018, based upon current trends. Natural Gas contract sales continue to improve in FY 2018, due to its use to heat asphalt for local roadway projects.

Projected unit sales and customer billings are as follows:

	Original Budget <u>FY 2018</u>	Amended Budget <u>FY 2018</u>	Percent Change	Original Budget <u>FY 2019</u>	Percent Change
Electric (MWh)	549,000	556,800	1.4%	556,800	0.0%
Water (MG)	2,750,000	2,678,500	(2.6%)	2,678,500	0.0%
Wastewater (MG)	1,506,000	1,558,000	3.5%	1,558,500	0.0%
Natural Gas (ccf)	4,268,000	4,268,000	0.0%	4,396,040	3.0%

The details of unit sales statistics are located on [page 40](#).

The budget reflects the expected number of customer services billed to remain flat in FY 2019:

	<u>FY 2018</u>	<u>FY 2019</u>	<u>Increase (Decrease)</u>	
			<u>#</u>	<u>%</u>
Electric	28,300	28,300	-	0.0%
Water	20,220	20,220	-	0.0%
Wastewater	15,100	15,100	-	0.0%
Natural Gas	4,130	4,130	-	0.0%

REVENUES

The schedule below summarizes total budgeted revenues by utility system:

	Original Budget <u>FY 2018</u>	Amended Budget <u>FY 2018</u>	Percent Change	Original Budget <u>FY 2019</u>	Percent Change
Electric	\$ 70,730,986	\$ 71,201,984	0.7%	\$ 70,102,261	(1.5%)
Water	17,309,301	17,100,959	(1.2%)	16,762,781	(2.0%)
Wastewater	12,650,179	11,766,002	(7.0%)	13,030,142	10.7%
Natural Gas	5,289,234	5,092,566	(3.7%)	5,294,516	4.0%
MOEC	523,348	477,282	(8.8%)	496,079	3.9%
FPUAnet	602,960	517,500	(14.2%)	557,000	7.6%
TCEC	1,761,463	1,746,611	(0.8%)	1,988,716	13.9%
<i>TOTAL REVENUES</i>	<u>\$108,867,471</u>	<u>\$ 107,902,904</u>	(0.9%)	<u>\$108,231,495</u>	0.3%

Staff has estimated sales revenues for FY 2018 and FY 2019 for all of FPUA's utility systems. This forecast does not reflect any future rate adjustments.

Higher power cost revenue and expense reflected in the Amended FY 2018 and Original FY 2019 Budgets are driven by higher budgeted natural gas prices. Increases are reflected in the power cost adjustment (PCA), purchased gas adjustment (PGA), and the cost of power and gas purchased for resale. The PCA and PGA are a pass through of FPUA's cost of power and gas purchased for resale. In the event costs rise or fall at a pace different than expected, there will be a corresponding increase or decrease in PCA and PGA revenues to balance those increased or decreased costs. The PCA and PGA are reviewed monthly to ensure that current electric and natural gas costs are recovered from our customers.

FPUAnet revenue is derived primarily from providing dedicated internet access, the sale of fiber optic transmission and bandwidth connections, as well as common carrier telecom services. These services are expected to expand in the next few years.

The Manatee Observation & Education Center (MOEC) anticipates improvement in attendance and sales and the receipt of grants. It is expected that FPUA will have to continue to contribute additional funding to the MOEC in order to balance its budget.

Costs and the anticipated reimbursements associated with staffing the Treasure Coast Energy Center are accounted for in its own system. We have included estimated revenues and costs of \$1,746,611 for FY 2018 and \$1,988,716 for FY 2019.

The schedule below summarizes total revenues by source:

	Original Budget FY 2018	Amended Budget FY 2018	% of Total	Original Budget FY 2019	% of Total
General Service Sales	\$ 59,526,000	\$ 58,922,500	54.5%	\$ 58,520,500	54.1%
Residential Sales	44,233,000	44,515,000	41.3%	44,126,000	40.8%
Other Operating Revenues	2,269,208	2,330,082	2.2%	2,290,879	2.1%
Non-Operating Revenue	2,253,263	2,625,977	2.4%	2,733,116	2.5%
Capital Contributions:					
Capital Impr. Charges	-	(805,000)	-0.7%	250,000	0.2%
Contr. Capital - Cash	586,000	183,000	0.2%	206,000	0.2%
Contr. Capital - Non-Cash	-	131,345	0.1%	105,000	0.1%
TOTAL REVENUES	\$ 108,867,471	\$ 107,902,904	100.0%	\$ 108,231,495	100.0%

Other Operating Revenues have increased and Capital Improvement Charges have decreased in the Water and Wastewater systems in FY 2018 due to real estate developers exercising FPUA's capacity reduction option. In doing so, developers can utilize their excess capacity to reduce the amount owed for guaranteed revenue charges. This is a benefit to the developer because they can resume construction with no out of pocket cost, and FPUA regains unused capacity, and can collect the guaranteed revenue charges billed since construction ceased.

Summary tables and graphs of revenues, as well as a more detailed discussion and presentation thereof, can be found on [pages 50 through 61](#).

PERSONNEL

The number of full-time positions proposed as of September 30, 2019 is fourteen more than the number of full-time positions approved as of September 30, 2017 in the Original FY 2018 Budget. The following is a summary of the changes in the number of full-time employees since the Original FY 2018 Budget was approved:

Full-time positions September 30, 2017 270

Positions Added in FY 2018:

Education Coordinator, Manatee Observation & Education Center	1
Program Coordinator, Manatee Observation & Education Center note: part-time positions upgraded to full-time	1
Operator/Mechanics, Treasure Coast Energy Center note: expected retirements of contracted positions paid directly by FMPPA	2
Business Development Officer, Director of Utility Support Services	1
Utilities Inspector, Electric & Gas Engineering	1
Drafting Technician, Water/Wastewater Engineering	1
Mechanic I, II or III, Wastewater Collection	<u>1</u>

Full-time positions proposed, September 30, 2018 278

Positions Proposed in Original FY 2019 Budget:

Line Specialists, Electric Transmission & Distribution	2
Apprentice Line Specialist I, Electric Transmission & Distribution	1
Electrical Engineer, Electric & Gas Engineering	1
GIS Analyst, Electric & Gas Engineering	1
Environmental Engineer, Water/Wastewater Engineering	<u>1</u>

Full-time positions proposed, September 30, 2019 284

When an employee leaves FPUA, the viability of reorganizing workflows is evaluated. As a result, positions are being added when the need arises (or is anticipated), and eliminated when possible. This practice is expected to continue.

There are currently 17 employees participating in the deferred retirement option program (DROP), resulting in savings of \$174,477 in FY 2018 and \$145,937 in FY 2019 for employer retirement contributions which are not being made for these employees.

PERSONNEL - NUMBER OF FULL-TIME POSITIONS

DEPARTMENT	FINAL 9/30/2016	FINAL 9/30/2017	AMENDED BUDGET 9/30/2018	ORIGINAL BUDGET 9/30/2019
01 Manatee Observation & Education Center	3 P	3 P	4 P	4 P
02 Treasure Coast Energy Center	13 D	13 D	15 D	15 D
10 Board	5	5	5	5
11 Director of Utilities	2	2	2	2
12 Attorney	1	1	1	1
15 Human Resources	3	3	3	3
18 Safety	1 P	1 P	1 P	1 P
21 Finance	13	13	13	13
22 Materials Management	6 P	6 P	6 P	6 P
31 Director of Utility Support Services	1	1	2	2
32 Information Technology Services	17 D	17 D	17 D	17
35 Facilities	5 D	5 D	5	5
41 Community Relations	-	-	1	1
43 Customer Service	26 D	26 D	26 D	26 D
51 Director of Electric & Gas Systems	1	1	1	1
54 Electric Transmission & Distribution	23 D	23 D	23	25
55 Electric Operations	24 D	24 D	23 D	24 D
56 Electric & Gas Engineering	9 P	9 P	11 D, P	13 D, P
61 Director of Water/Wastewater Systems	1	1	1	1
62 Water Resources	24 D	24 D	25 D	25 D
64 Water Distribution	28 D	28 D	27 D	27 D
66 Water/Wastewater Engineering	11 P	11 P	12 P	13 P
74 Gas Operations	15 D	15 D	15 D	15 D
82 Water Reclamation	16 D	16 D	16 D	16 D
84 Wastewater Collection	19 D	19 D	20 D	20 D
93 FPUAnet Communications	2 D	3 D	3	3
TOTAL	269	270	278	284

D Includes DROP participants

P Excludes part-time positions

OPERATIONS & MAINTENANCE EXPENSES

The schedule below summarizes budgeted total expenses by major classifications:

	Original Budget <u>FY 2018</u>	Amended Budget <u>FY 2018</u>	Percent Change	Original Budget <u>FY 2019</u>	Percent Change
Purchases for Resale	\$ 50,226,446	\$ 50,206,446	(0.0%)	\$ 49,410,965	(1.6%)
Personnel Services	15,478,000	15,088,897	(2.5%)	16,744,825	11.0%
Employee Benefits	7,814,498	7,519,784	(3.8%)	8,029,336	6.8%
Contractual Services	7,374,149	7,461,706	1.2%	7,916,053	6.1%
Commodities	3,383,056	3,332,562	(1.5%)	3,477,894	4.4%
Depreciation	13,000,000	13,500,000	3.8%	14,000,000	3.7%
Interest Expense	3,062,130	3,106,230	1.4%	2,879,479	(7.3%)
City Distribution	5,956,059	6,138,783	3.1%	6,082,515	(0.9%)
Other Fixed & Sundry	<u>3,690,918</u>	<u>4,216,308</u>	14.2%	<u>4,183,328</u>	(0.8%)
TOTAL	109,985,256	110,570,716	0.5%	112,724,395	1.9%
Less Transfers	<u>2,094,000</u>	<u>2,557,000</u>	22.1%	<u>2,557,000</u>	0.0%
TOTAL					
APPROPRIATION	<u><u>\$107,891,256</u></u>	<u><u>\$108,013,716</u></u>	0.1%	<u><u>\$110,167,395</u></u>	2.0%

*Transfers include capitalized labor and overhead, as well as unallocated contingency.

As always, the O&M Budget supports the high quality of services and products to which FPUA's customers have become accustomed. In addition, it meets regulatory standards (including unfunded mandates) and reflects appropriate adjustments due to the changing economy.

Summary tables and graphs of O&M expenses are located on [pages 63 through 69](#). The details for each department can be found on [pages 70 through 126](#).

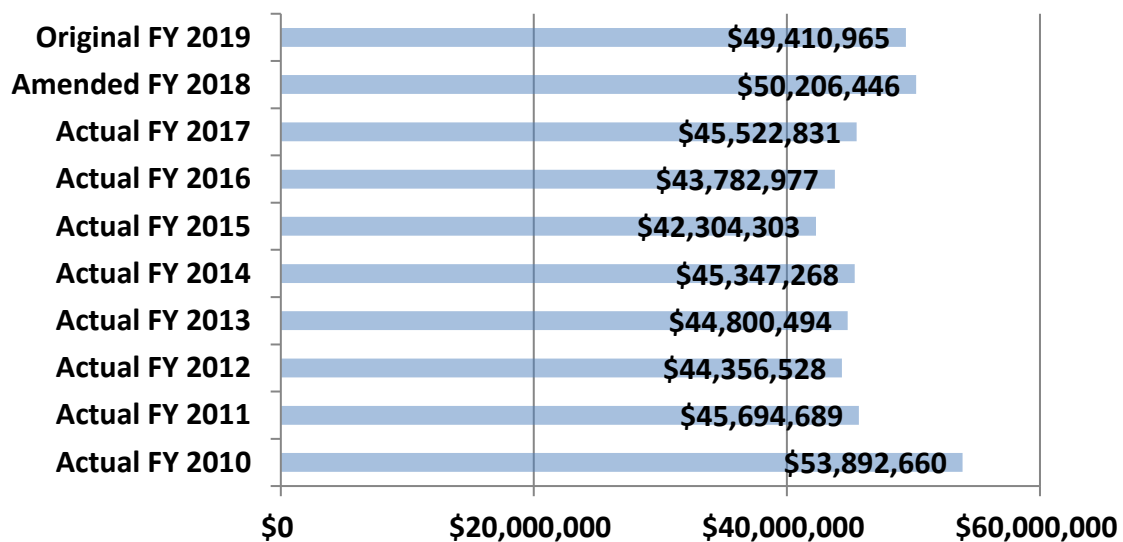
In the Amended FY 2018 O&M Budget, expenses before transfers total \$110,570,716, which is an increase of 0.5% from the Original FY 2018 Budget. This increase is primarily attributable to a \$500,000 increase in Contingency and a \$500,000 increase in Depreciation. The Original FY 2019 O&M Budget expenses total \$112,724,395, which is an increase of 1.9% from the Amended FY 2018 Budget, and an increase of 2.5% when compared to the Original FY 2018 Budget, is

attributable to the projected increase in Personnel Services and Benefits, in addition to the increases in Contingency and Depreciation.

Explanations for some of the major increases/decreases between the Original FY 2018 Budget and the Amended FY 2018 Budget and the Original FY 2019 Budget are discussed in greater detail below:

- **3360 – Purchases for Resale:** The chart below illustrates the changes in the cost of purchased power and natural gas FPUA has experienced in the past ten years. FPUA's power supplier, Florida Municipal Power Agency (FMPA), passes through its costs to the member cities of the All-Requirements Project (ARP). The cost of purchased power and natural gas is recovered through the power cost adjustment (PCA) and the purchased gas adjustment (PGA). Estimated FY 2019 purchases for resale have decreased when compared to the Amended FY 2018 Budget due to decreases in the price of power purchased from FMPA. FPUA's projected cost of power purchased from FMPA is expected to decrease gradually through September 2019.

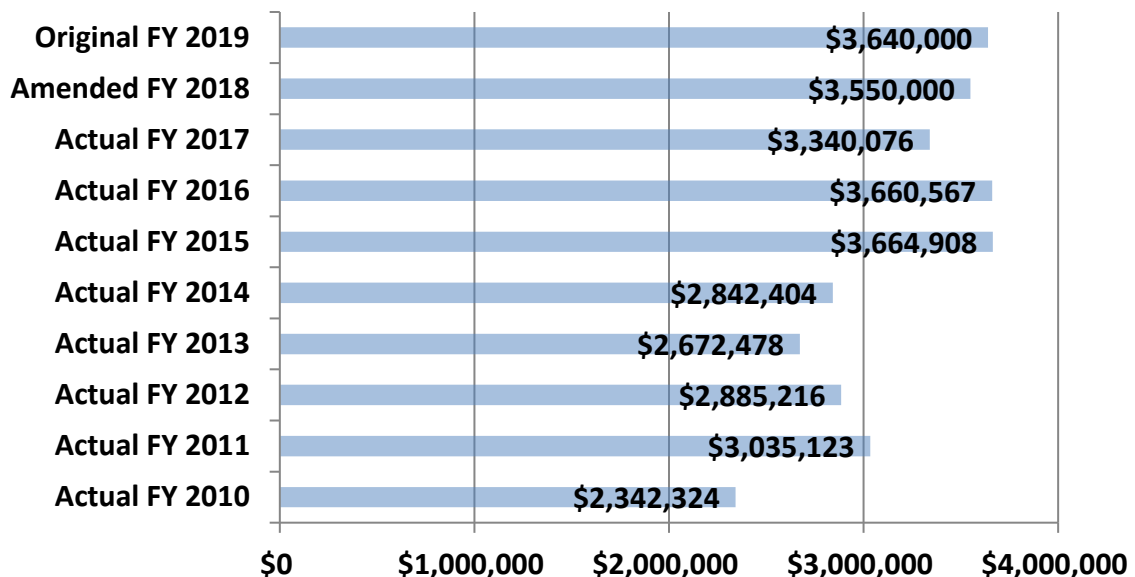
Purchases for Resale



- **1010 – Salaries and Wages:** The personnel head count has increased for FY 2019 due to projected growth. The Amended FY 2018 budget has decreased 2.8% from the Original FY 2018 budget due to employee turnover and vacancies. The FY 2019 budget for salaries and wages has increased 8.1% as compared to the Original FY 2018 budget. Wage increases, in the amount of \$609,009 (4% effective October 1, 2018) have been included in the FY 2019 Original Budget, but will only be paid if approved separately by the FPUA Board.

- **1020 – Overtime:** Because of increased project load and insufficient personnel, employees have been asked to work additional hours.
- **4050 – Retirement:** The actuarially-required employer contribution to the City of Fort Pierce Retirement and Benefit System will increase from 17.92% in FY 2018 to 18.11% in FY 2019.
- **4070 – Employees’ Insurance:** FPUA is self-insured for employees’ health and dental coverage. In FY 2017, this had a favorable effect; however, FY 2018 and FY 2019 reflect higher expected claims experience, based on year-to-date trends and industry averages.

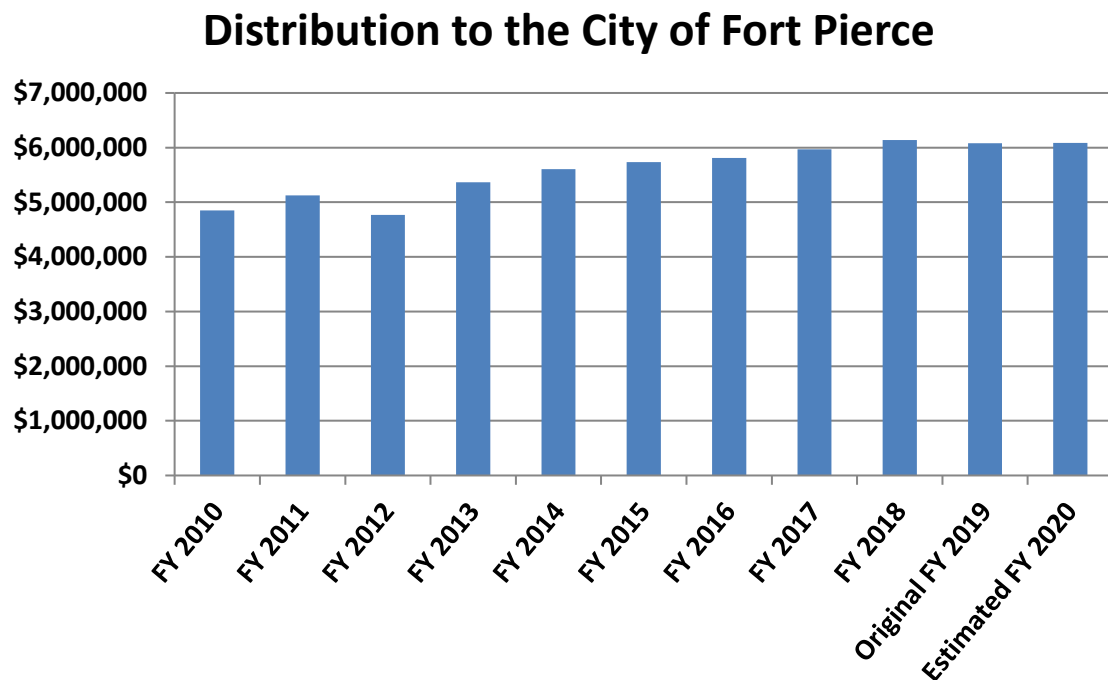
Employees' Insurance



- **4110 – Net OPEB Expense:** The healthcare benefit FPUA makes available to its retirees is referred to as an Other Post-Employment Benefit (OPEB). Although retirees pay 100% of the estimated cost of the benefit, the cost of healthcare for a retiree is assumed to be more than for an average active employee. As a result, there is an “implied subsidy” which is a cost to FPUA. This cost reflects the liability for benefits expected to be paid on behalf of current active employees when they retire in the future. In accordance with Governmental Accounting Standards Board Statement No. 45 (GASB 45), this cost is

required to be accrued each year. An actuarial study must be performed bi-annually. This is a non-cash expense, and the liability is not being funded.

- **9000 – Distribution to the City of Fort Pierce:** As provided for by the Charter of the City of Fort Pierce, Florida, a percentage of the FPUA’s utility systems revenue is distributed to the City’s General Fund on an annual basis. The distribution calculation is based on the preceding fiscal year’s audited financial statements. The distribution for FY 2018, payable in April 2019, is estimated to be \$6,082,515, down \$56,268 or 0.9% from the FY 2017 distribution paid in April 2018. The distribution for FY 2019, payable in April 2020, is estimated to be \$6,085,872, up \$3,357 or 0.06% from the distribution for FY 2018.



- **2250 – Community Relations:** Funding in the amount of \$100,000 per year has been included in the FY 2018 and increased to \$125,000 in the FY 2019 budgets for the Weatherization and Educational Outreach Program to serve qualified low-income homeowners who are FPUA customers.
- **4700 – Utility Bad Debt Expense:** FPUA’s deposit procedures have been enhanced to restore adequate deposits and reduce bad debt from under-deposited accounts. FPUA did experience a spike in write-offs related to Hurricane Irma as customers left the area without paying their bills.

- **5721 – Interest – Bonds:** Due to the level design of FPUA’s debt service structure, the decrease in this line is offset by an increase in principal payments made each October 1.
- **9010 – Contingency:** FPUA has increased from \$500,000 in the FY 2018 Original Budget to \$1,000,000 in the Amended FY 2018 and the FY 2019 Original Budget to cover unanticipated or extraordinary expenses. Expenses against these amounts may only be made with the approval of the Board.
- **9030 – Depreciation:** Depreciation, which is an allocation of the cost of capital assets over their estimated useful lives, is expected to increase in the coming years as Capital Projects are closed and the assets begin to depreciate.

DEBT SERVICE

A summary of each system’s cost of borrowed money is in the Debt Service section of this Budget. The debt service narrative and schedules are located on [pages 46 through 48](#). These schedules reflect the anticipated principal and interest payments due in future periods.

DEBT SERVICE COVERAGE RATIO

The Debt Service Coverage Ratio is listed on [page 43](#) and is estimated at 3.15 times for FY 2018, compared to the 2.93 times in the Original FY 2018 Budget, and 2.81 times for FY 2019. Based on these projections, FPUA is expected to maintain its debt service coverage well above the minimum requirement of 1.25 times.

CAPITAL BUDGET

The FY 2019 Capital Budget totals \$27,366,622, including contingency funding of \$500,000. The FY 2019 Capital Budget includes funding for improvements to aging infrastructure in order to maintain the quality and reliability of its services. Projects which will improve FPUA’s reliability, efficiency or safety account for 40% of the FY 2019 Capital Budget. FPUA’s coordination of efforts with the City of Fort Pierce, St. Lucie County and Florida Department of Transportation roadway plans will benefit all entities with the efficient completion of these projects. Government and regulatory-required projects account for 30% of the total budget.

At the end of each fiscal year, funding for some capital projects remains unspent due to unexpected delays. In an effort to reduce the need for budget transfers to complete these projects, for which the funding has already been approved, staff is requesting authorization to carry over budgeted funds for partially completed projects which remain from FY 2018 and spend those funds in FY 2019 without additional Board approval. At the end of each fiscal year, a report on those capital projects requiring carryover funds, including the amounts spent, amounts to be carried over, and percent complete, will be provided to the Board as an information item.

The proposed FY 2019 Capital Budget consists of the following major projects which account for 49% of the total:

<u>PROJECT DESCRIPTION</u>	<u>SYSTEM</u>	<u>FY 2019 AMOUNT</u>
Advanced Metering Infrastructure	E	\$2,985,900
IWRF Emergency Standby Generator	WW	2,220,000
16-Inch Force Main - Orange Ave	WW	1,623,750
Kings Hwy - Okeechobee Rd to Orange Ave	W,WW	1,180,000
City Roadway Projects	W,WW	1,025,000
Water Mains Miscellaneous R&R	W	1,000,000
Digiorgio Road Wastewater Improvements	WW	900,000
Governmental & Other Required	E,G,W,WW	861,000
Avenue M	W,WW	800,000
Savannah Repump Rehab	W	735,000

The portion of the FY 2019 Capital Budget that will be funded by rates is \$17,067,612, or 62% of the total budget. Contributions from outside sources are expected to fund 27% of the FY 2019 Capital Budget. The Advanced Metering Infrastructure (AMI) project is expected to span a six-year timeframe, and is estimated to cost \$12 million. The AMI project and a few other system expansion projects are expected to be debt funded, and account for 9% of the FY 2019 Capital Budget.

The remaining 2% of the Capital Budget is identified as contingency. Contingency funds will only be used as a result of unforeseen events. All requests for use of contingency funds will be submitted to the FPUA Board for approval. In the event that contingencies are drawn upon, they will be funded through cash reserves and/or contributions from outside sources.

Forty percent of the Capital Budget is expected to improve the reliability, efficiency, and safety of FPUA's utility systems. The multiplicity of requirements by regulatory and governmental agencies demands a considerable amount of capital. Of the funds budgeted for FY 2019, 30% will be committed by FPUA to remain in compliance with the requirements and standards set by regulatory agencies or required by state or local government. Nineteen percent of the Capital Budget is attributable to new growth. Replacement of aging operating systems, overall system improvements and the replacement of worn out equipment account for 10% of the FY 2019 Capital Budget. With an aging infrastructure, these renewals and replacements are critically necessary.

Over the last 10 to 15 years, FPUA has incurred considerable renewal and replacement expenses in an effort to prevent unplanned system outages. It is difficult to quantify the savings that are a direct result of renewal and replacement expenses; however, staff is convinced that short and long term decreases in operations and maintenance costs do result from these improvements. As well, it is less costly to perform preventative maintenance than to make emergency repairs. The Electric system has replaced conductors, static lines, and transformers. The Supervisory Control and Data Acquisition (SCADA) system is continually being upgraded to allow personnel to monitor and control utility operations remotely. Electronic relays have been installed in the substations, and an Integrated Voice Response (IVR) system has been implemented to facilitate automated outgoing calls, incoming calls, and bill payment options. The Water and Wastewater systems have completed water well refurbishments and replacements, water treatment plant improvements and expansions, wastewater treatment plant improvements, and wastewater system inflow and infiltration remediation. A continuing program is in place to replace cathodic protection in the Natural Gas system and add it where it is needed. All four utility systems are continually making system improvements associated with street refurbishment. Unfortunately, the resources necessary to accomplish all of these system improvements are limited.

Capital projects and fixed asset purchases are discussed in additional detail in the Capital section of the Budget, beginning on [page 127](#).

ESTIMATE OF FUNDS AVAILABLE FOR CAPITAL AND OTHER

The amount of current-year cash available for capital expenses and other, based on budgeted revenues and expenses, is estimated to be \$10,535,454 in FY 2018 and \$9,125,049 in FY 2019. ([See table on page 41](#)). If these estimates are correct, and the amount available falls short of the cash required to fully fund FPUA's capital program, staff will use cash reserves and/or reduce capital spending.

DISTINGUISHED BUDGET PRESENTATION AWARD

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to Fort Pierce Utilities Authority, Florida, 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. FPUA has received this award for the past 22 consecutive years.

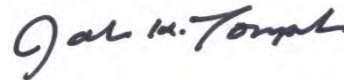
This award is valid for a period of one year only. FPUA believes the current Budget continues to conform to program requirements, and is submitting it to GFOA to determine its eligibility for another award.

SUMMARY

Higher projected natural gas prices drive the increases in projected revenue and expenses over prior year actuals. Projected revenues and expenses show only small increases when compared to prior year budgeted amounts. The estimated debt service coverage and days cash-on-hand ratios remain well above those required by FPUA bond covenants. This Annual Budget and Resolution will be presented at the July 3, 2018 FPUA Board meeting.

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

Respectfully submitted,



John K. Tompeck, P.E.
Director of Utilities



Nina B. Penick, CPA
Director of Financial Services



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Fort Pierce Utilities Authority
Florida**

For the Fiscal Year Beginning

October 1, 2017

Christopher P. Morrill

Executive Director

BUDGET POLICY

- ❖ In accordance with the City of Fort Pierce Charter, Article XII, Section 176 (12), FPUA shall annually prepare and adopt a budget for the ensuing year and furnish a copy to the City Commission at least forty-five (45) days prior to the beginning of the next fiscal year (October 1). If a four-fifths (4/5) vote of the City Commission does not disapprove of any line item expenses in the budget, or any amendments thereto, within thirty (30) days of the date of submission to the City Commission, the budget or any amendments thereto shall be deemed approved as submitted. The City Commission may not increase any amounts in the proposed budget or amendments thereto, but may reduce by a four-fifths (4/5) vote of the city commission any line item in the budget or amendments thereto. The City Commission may by majority vote waive the thirty-day period for disapproval and approve the budget, or any amendment thereto. Any expenses disapproved shall not be authorized. No amendments to the FPUA budget shall be authorized unless submitted to the City Commission.
- ❖ The budget includes proposed capital and operations and maintenance expenses and the means by which they are to be financed. The budget is presented on the accrual basis; accordingly, revenues and expenses are budgeted for the specific periods of time and are recorded as incurred, along with acquired assets, without regard to the date of receipts or payment of cash, which is consistent with generally accepted accounting principles (GAAP).
- ❖ Once approved, the Annual Budget becomes the basis for capital and operations and maintenance expenses during the ensuing fiscal year. Expenses may not exceed the adopted budget.
- ❖ Formal budgetary integration is employed as a management control device during the year. 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. Cumulative budget transfers are limited to the spending authority levels of Department Heads, Directors and the Director of Utilities. All cumulative budget transfers that exceed \$25,000 must be approved by the FPUA Board.
- ❖ After the close of the fiscal year, the budget is amended to reflect changes in available revenues and transfers of appropriations between departments and utility systems. Unexpended balances of appropriations lapse at year end.

BUDGET PREPARATION PROCESS



COMPILATION AND REVIEW

Each department completes Operations and Maintenance (O&M) Budget worksheets which are provided by Finance, including comparative prior year(s) data. Departments are also provided with templates and historical trends to complete worksheets for the Capital Improvement Plan (CIP). These budget worksheets are the basis for the O&M Budget and CIP. Department Heads review and revise the worksheets as necessary, and Directors give final approval.

Once all budget worksheets are completed by the departments, they are then compiled and summary schedules are prepared to provide an overview of the departmental budgets. A draft of each budget document is sent to the Budget Review Committee (BRC) prior to the budget meetings. The BRC, consisting of the Director of Utilities, Director of Financial Services, Controller, and the Assistant Controller and Utility Accountant with the corresponding responsibility for either Capital or O&M Budget, meets to discuss the budgets with the respective Department Heads and Directors, and to make revisions as needed. The Department Heads and Directors must also describe their Core Services, Accomplishments, and Performance Measures. A Budget Workshop is held for the benefit of the FPUA Board and City Commissioners and is open to the public. At the Workshop, budgets are presented for review and discussion.

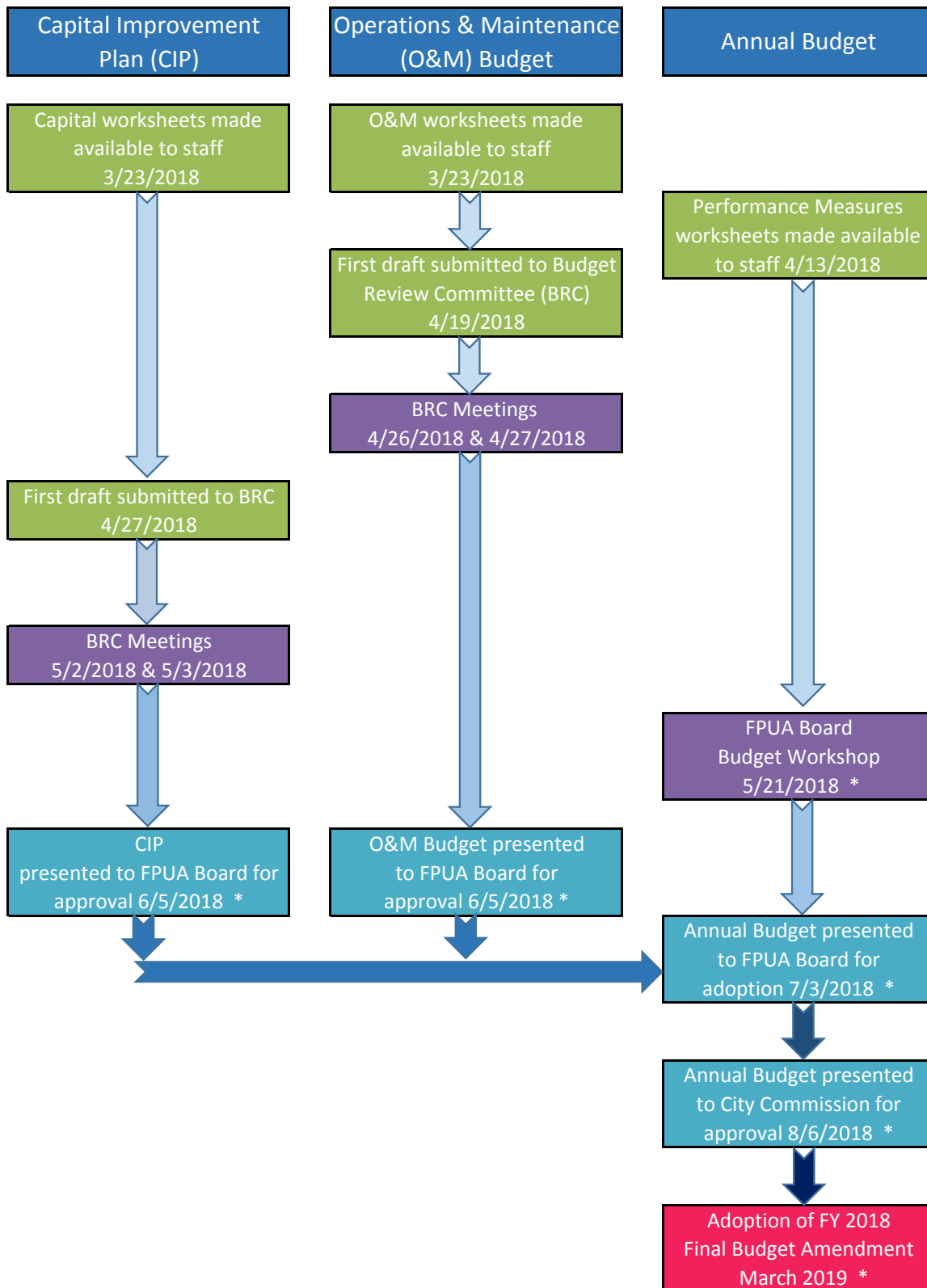
The Director of Financial Services submits the completed O&M Budget and CIP to the Director of Utilities, which is then submitted to the FPUA Board for approval. The public is invited to this meeting and individuals are given the opportunity to address their questions and concerns.

APPROVAL

The FPUA Board reviews and approves each of the two prefatory budgets - the O&M Budget, which includes Revenue and Personnel, and the CIP. The final Annual Budget document is a compilation of these two budget documents summarized, and highlighted with comparisons and trends. It is sent to the Director of Utilities for review before being submitted to the FPUA Board for adoption by Resolution. The final step in the budget approval process is to present the Annual Budget to the City Commission for their approval.

The budget and amendments thereto, have been approved according to the above procedures.

BUDGET PREPARATION FLOWCHART



* Public are invited to these meetings.

SIGNIFICANT FINANCIAL POLICIES

The accounting policies of FPUA conform to generally accepted accounting principles (GAAP) as applicable to local governmental units. FPUA complies with the standards of the Governmental Accounting Standards Board (GASB) as they become effective. Private-sector standards of accounting and financial reporting issued prior to December 1, 1989 are followed to the extent that those standards do not conflict with or contradict GASB standards. The following is a summary of the more significant policies unique to FPUA:

REPORTING ENTITY

The voters of the City of Fort Pierce, Florida authorized the organization of Fort Pierce Utilities Authority (FPUA) at a special election held May 30, 1972. FPUA commenced operations as of June 30, 1972, and is responsible for management and operation of the combined Electric, Water, Wastewater and Natural Gas Systems, as well as the Treasure Coast Energy Center, the Manatee Observation and Education Center (MOEC) and FPUAnet® Communications. The City Charter, Article XII, defines the powers, duties and responsibilities of FPUA. The members of FPUA's governing board are selected or removed from office by the Fort Pierce City Commission. FPUA's budget is subject to approval of the City Commission, as are rates for service.

The accounts of the various utility systems of FPUA are included as a discretely presented component unit within the financial statements of the City of Fort Pierce, Florida. FPUA has no component units.

BASIS OF PRESENTATION – FUND ACCOUNTING

The accounts of FPUA are an enterprise fund, which is organized on the basis of systems (Electric, Water, Wastewater, Natural Gas, Manatee Observation & Education Center, FPUAnet® Communications, Treasure Coast Energy Center and Shared Services), 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. This document presents a balanced budget; i.e., expenses do not exceed revenues or amounts carried over from prior fiscal years.

BASIS OF ACCOUNTING AND BUDGETING

The budget and the financial statements are prepared on the accrual basis; accordingly, budgeted revenues are recognized when earned, and budgeted expenses are recognized when incurred, regardless of the timing of related cash flows.

BOND COVENANT COMPLIANCE

FPUA is in compliance with the covenants set forth in Resolution No. UA 85-29, as amended, which includes:

- The Debt Service Coverage Ratio must exceed 1.25 times.
- A minimum Days Cash on Hand Ratio of at least 45 must be maintained as of September 30 and March 31 of each year.

CASH HANDLING POLICY

1. All cash, checks, money orders, and cashier's checks (revenues) will be recorded on the date received and forwarded to the bank for deposit.
2. All checks, money orders, etc. will be endorsed with the FPUA endorsement stamp upon receipt.
3. Daily cash reports must be presented to the Department of Finance.
4. Cash drawers will be counted and balanced daily.
5. Bank account activity is reviewed daily for otherwise unaccounted-for items.

INVESTMENT POLICYPurpose:

Resolution No. U.A. 2002-3, February 5, 2002, sets the criteria for the operation of the investment portfolio. The primary goal is to establish a conservative set of investment criteria to prudently protect FPUA's principal sums and enable generation of a fair rate of return on investments.

Responsibility:

The Director of Financial Services is responsible for the implementation of the investment policy, which has been approved by the FPUA Board. An Investment/Financial Committee, which includes FPUA Directors and one FPUA Board member, was established in 2009 to provide guidance to the Director of Financial Services.

Types of Investments Allowed and Limitations:

1. The Local Government Surplus Funds Trust Fund.
2. Negotiable direct obligations of the United States Government, or obligations, the principal and interest of which are unconditionally guaranteed by the United States Government.
3. Obligations of the federal farm credit banks, the Federal Home Loan Mortgage Corporation, including Federal Home Mortgage Corporation participation certificates, or the Federal Home Loan Bank or its district banks, or obligations guaranteed by the Government National Mortgage Association.
4. Obligations of the Federal National Mortgage Association, including Federal National Mortgage Association participation certificates and mortgage pass-through certificates guaranteed by the Federal National Mortgage Association.
5. Repurchase Agreements of the types of investments listed in Sections 2, 3, and 4 above to the following extent and limitations:
 - a. The investment securities must be wireable.
 - b. The investment securities must be for no longer than ten years.
 - c. The market value of the securities plus accrued interest must exceed FPUA's repurchase principal plus interest due at time of repurchase by 2%.
 - d. FPUA will have the funds to purchase the securities wired to a designated Federal Reserve Bank through a designated third party national bank.

- e. The securities to be purchased will also be wired to the designated Federal Reserve Bank, and the actual transfer of funds for securities will not take place until both funds and securities are in the possession of the designated Federal Reserve Bank.
 - f. The designated Federal Reserve Bank will hold the securities. The Federal Reserve Bank will issue a safekeeping receipt to the designated national bank to the credit of FPUA.
 - g. The terms of the Repurchase Agreement will be spelled out on the confirmation received from the dealer or broker as follows:
 - 1) Date of purchase.
 - 2) Rate of interest to be paid on the repurchase principal.
 - 3) Complete description of securities purchased.
 - 4) Date these securities are to be repurchased from FPUA.
 - h. Section 5 restrictions do not apply to overnight repurchase agreements acquired through St. Lucie County, Florida, commercial banks that are public qualified depositories pursuant to Chapter 280, Florida Statutes.
6. Interest-bearing time deposits or savings accounts in banks organized under the laws of this state, in national banks organized under the laws of the United States and doing business and situated in this state, in thrift institutions which are under state supervision, or in federal thrift institutions located in this state and organized under federal law and federal supervision, provided that any such deposits are secured by collateral as may be prescribed by law.
 7. Deposits and certificates of deposit in out-of-state banks, savings and loan associations, or other regulated financial institutions insured by FDIC.
 8. Full faith and credit direct general obligations of any state, or unlimited tax direct obligations of any political subdivision thereof, to the payment of which the full faith and credit of such political subdivision is pledged, provided that at the time of purchase such obligations are rated in either of the two highest rating categories by a nationally recognized bond rating agency.

Risk Management:

1. Reduce losing purchasing power of interest and principal to be received in the future by keeping investments short-term.
2. Minimize the risk of unreturned principal and interest through short-term and conservative investments.

Investment Techniques:

It is recognized that the future level of interest rates is almost impossible to predict. When interest rates are at higher levels, funds may be shifted to longer maturities to lock into higher yields; when interest rates are at lower levels, funds will be placed in short-term maturities to avoid being locked in to low rates of return. All investments are purchased through an informal bidding award process.

PROCUREMENT POLICY**UP TO \$1,500**

Departments are authorized to spend up to \$1,500, with proper approvals. Purchases over \$1,500 require a purchase order.

\$1,501 TO \$10,000

For purchases over \$1,500, but no more than \$10,000, departments must submit an electronic purchase requisition with comparative quotes for approval in accordance with the spending authority granted by the respective Director or Department Head. The requisition is ultimately forwarded to the Department of Finance, where the purchase order is created and distributed.

\$10,001 TO \$25,000

The Director of Utilities can authorize purchases up to \$25,000. Purchases over \$10,000 must be formally bid, unless a specific exemption applies. Departments must submit an electronic purchase requisition flagged as a Purchase Order Authorization (POA) for such purchases, with bid specifications attached, for approval in accordance with the procedure above. The POA is then submitted to the Purchasing Program Manager for formal bidding or review of exemption documentation. After the bid evaluation and recommendation, the requisition is then forwarded to the Department of Finance, where the purchase order is created and distributed.

OVER \$25,000

The FPUA Board must approve purchase orders over \$25,000. Purchases more than \$25,000 are handled in the same manner as purchases from \$10,001 to \$25,000 except that the FPUA Board must also authorize the purchase.

CAPITAL SPENDING POLICY

Utility plant is stated at cost for items constructed or acquired by purchase and at the estimated fair market value on the date received for items contributed. Depreciation is charged, on a straight-line basis, as an expense against operations over the estimated useful life of the related asset. FPUA capitalizes interest on funds borrowed to finance the construction of infrastructure. Capital expenditures are defined as the purchase or construction of an asset with a useful life of three or more years, with an individual unit cost exceeding \$5,000.

Each year, FPUA Board members, Department Heads and key staff members develop a strategic plan, including vehicle and equipment replacement, taking into consideration both expansion and major rehabilitation. The key items identified are then combined into the 5 year Capital Improvement Plan (CIP) and put through the same rigorous scrutiny as the other budgets to determine which projects/items will be funded in the upcoming fiscal year.

At the time major capital expenditures are initiated, or when capital cannot be funded from rates or other sources, staff seeks FPUA Board approval to obtain alternative financing.

UNIT SALES STATISTICS

	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
ELECTRIC - MWH				
Residential	238,719	235,521	236,960	236,960
General Service	306,760	307,770	309,651	309,651
Street Lights	3,188	3,108	3,127	3,127
Traffic Signals	793	792	797	797
Rental Lights	6,030	6,227	6,265	6,265
<i>TOTAL</i>	<u>555,490</u>	<u>553,418</u>	<u>556,800</u>	<u>556,800</u>
WATER - 1000's of GALLONS				
Residential	847,108	889,831	894,000	894,000
General Service	1,392,773	1,440,426	1,447,500	1,447,500
Sales for Resale	327,819	335,494	337,000	337,000
<i>TOTAL</i>	<u>2,567,700</u>	<u>2,665,751</u>	<u>2,678,500</u>	<u>2,678,500</u>
NATURAL GAS - CCF				
Residential	436,048	427,855	457,195	451,372
General Service	2,024,641	2,114,141	2,122,827	2,230,343
Heat Only	1,038	598	1,088	631
Contract Sales	1,593,130	1,624,410	1,686,890	1,713,694
<i>TOTAL</i>	<u>4,054,857</u>	<u>4,167,004</u>	<u>4,268,000</u>	<u>4,396,040</u>
WASTEWATER - 1000's of GALLONS				
Residential	614,578	641,849	644,500	644,500
General Service	871,500	910,512	914,000	914,000
<i>TOTAL</i>	<u>1,486,078</u>	<u>1,552,361</u>	<u>1,558,500</u>	<u>1,558,500</u>

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

AMENDED BUDGET FY 2018	ELECTRIC	WATER	NATURAL GAS	WASTE-WATER	OTHER	TOTAL
REVENUES	\$ 71,201,984	\$ 17,100,959	\$ 5,092,566	\$ 11,766,002	\$ 2,741,393	\$ 107,902,904
EXPENSES	70,076,028	18,017,183	4,910,320	12,364,343	2,645,842	108,013,716
Change in Net Position	1,125,956	(916,224)	182,246	(598,341)	95,551	(110,812)
ADD BACK:						
Depreciation	4,525,750	4,909,013	327,351	3,665,886	72,000	13,500,000
Debt Accretion	594,775	577,604	36,073	234,476	-	1,442,929
Restricted CIC's spent in excess of received	-	580,000	-	966,000	-	1,546,000
Amortization of deferred charges and bond discounts	11,381	7,342	915	3,699	-	23,337
OPEB accrual	10,328	9,506	2,335	6,709	2,122	31,000
SUBTRACT:						
Principal payments on debt	2,430,743	2,360,569	147,425	958,263	-	5,897,000
Restricted CIC's not spent	-	-	-	-	-	-
Non-Cash Capital Contributions	-	-	-	-	-	-
FUNDS AVAILABLE FOR CAPITAL AND OTHER	\$ 3,837,447	\$ 2,806,672	\$ 401,495	\$ 3,320,166	\$ 169,673	\$ 10,535,454

ORIGINAL BUDGET FY 2019	ELECTRIC	WATER	NATURAL GAS	WASTE-WATER	OTHER	TOTAL
REVENUES	\$ 70,102,261	\$ 16,762,781	\$ 5,294,516	\$ 13,030,142	\$ 3,041,795	\$ 108,231,495
EXPENSES	70,078,139	18,875,410	5,193,765	12,943,892	3,076,189	110,167,395
Change in Net Position	24,122	(2,112,629)	100,751	86,250	(34,394)	(1,935,900)
ADD BACK:						
Depreciation	4,580,750	5,135,213	346,351	3,861,686	76,000	14,000,000
Debt Accretion	524,923	509,769	31,837	206,938	-	1,273,467
Restricted CIC's spent in excess of received	-	515,834	-	1,169,938	-	1,685,772
Amortization of deferred charges and bond discounts	11,076	7,145	890	3,600	-	22,711
OPEB accrual	10,662	9,814	2,412	6,922	2,190	32,000
SUBTRACT:						
Principal payments on debt	2,453,827	2,382,986	148,825	967,362	-	5,953,000
Restricted CIC's not spent	-	-	-	-	-	-
Non-Cash Capital Contributions	-	-	-	-	-	-
FUNDS AVAILABLE FOR CAPITAL AND OTHER	\$ 2,697,706	\$ 1,682,160	\$ 333,416	\$ 4,367,972	\$ 43,796	\$ 9,125,049

ESTIMATED DISTRIBUTION TO THE CITY OF FORT PIERCE

AMENDED FY 2018 REVENUE BUDGET	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
GROSS REVENUE	\$ 71,201,984	\$ 17,100,959	\$ 5,092,566	\$ 11,766,002	\$ 2,741,393	\$ 107,902,904
REVERSE:						
Purchased Power & Gas Adjustments	3,722,000	-	791,000	-	-	4,513,000
Capital Contributions	100,000	538,000	6,000	(1,138,655)	4,000	(490,655)
Grant Revenue	4,723	11,178	-	58,515	10,000	84,416
FMPA O&M Contract Income	-	-	-	-	1,746,611	1,746,611
Gas Piping & Appliance Revenue	-	-	56,500	-	-	56,500
Gas Piping & Appliance Costs	-	-	(30,000)	-	-	(30,000)
Revenue for City Billing	82,761	50,581	9,716	44,142	-	187,200
MOEC Operating Revenue	-	-	-	-	460,582	460,582
ADJUSTED GROSS REVENUE	\$ 67,292,500	\$ 16,501,200	\$ 4,259,350	\$ 12,802,000	\$ 520,200	\$ 101,375,250
DISTRIBUTION TO CITY PAYABLE IN FY 2019	\$ 4,037,550	\$ 990,072	\$ 255,561	\$ 768,120	\$ 31,212	\$ 6,082,515

ORIGINAL FY 2019 REVENUE BUDGET	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
GROSS REVENUE	\$ 70,102,261	\$ 16,762,781	\$ 5,294,516	\$ 13,030,142	\$ 3,041,795	\$ 108,231,495
REVERSE:						
Purchased Power & Gas Adjustments	2,722,000	-	875,000	-	-	3,597,000
Capital Contributions	100,000	310,000	6,000	130,000	15,000	561,000
Grant Revenue	-	-	-	-	10,000	10,000
FMPA O&M Contract Income	-	-	-	-	1,988,716	1,988,716
Gas Piping & Appliance Revenue	-	-	56,500	-	-	56,500
Gas Piping & Appliance Costs	-	-	(30,000)	-	-	(30,000)
Revenue for City Billing	82,761	50,581	9,716	44,142	-	187,200
MOEC Operating Revenue	-	-	-	-	429,879	429,879
ADJUSTED GROSS REVENUE	\$ 67,197,500	\$ 16,402,200	\$ 4,377,300	\$ 12,856,000	\$ 598,200	\$ 101,431,200
DISTRIBUTION TO CITY PAYABLE IN FY 2020	\$ 4,031,850	\$ 984,132	\$ 262,638	\$ 771,360	\$ 35,892	\$ 6,085,872

BUDGETED STATEMENT OF NET POSITION

The first page of the Budgeted Statement of Net Position displays the Total Assets and Deferred Outflows of resources, and the second page displays the Total Liabilities, Deferred Inflows of Resources and Net Position of the statement. Total Assets and Deferred Outflows are equal to Total Liabilities, Deferred Inflows plus Total Net Position, which are projected to be \$293,818,000 as of September 30, 2018 and \$290,095,000 as of September 30, 2019.

This projection assumes that capital expenditures will be \$13,100,000 in FY 2018 and are estimated for FY 2019 to be 40% of the budgeted capital dollars excluding contingencies. The continuing need for system renewals and the reliability of FPUA's infrastructure will force the use of unrestricted cash.

The decline in Total Current Assets for FY 2018 and FY 2019 is affected by a decrease in restricted and unrestricted cash. The anticipated increase in the cost of purchased power will impact changes in Net Position. The increase in purchased power will reduce the existing over-recovery of Purchased Power to a net under-recovery, and is reflected in the change in Deferred Outflows of Resources in the FY 2018 and FY 2019 budgets.

The current ratios on restricted and unrestricted accounts demonstrate FPUA's ability to pay debt, which is a key indicator of solvency. Higher ratios indicate an increased ability to repay debt. The debt to equity ratio of .55 in the FY 2019 Original Budget shows that for every dollar of internal financing, there will be \$0.55 in financed debt. Debt Service coverage ratio is a ratio of Net Available Income to the Net Cash required to cover our Debt Service.

Selected financial ratios are highlighted below:

FINANCIAL RATIOS	ACTUAL 9/30/2017	AMENDED BUDGET 9/30/2018	ORIGINAL BUDGET 9/30/2019
Current Ratio:			
Unrestricted Assets	4.48	3.75	3.80
Restricted Assets	1.37	1.24	1.16
Debt to Equity Ratio	0.56	0.55	0.55
Debt Service Ratio	3.25x	3.15x	2.81x

Net Position is defined as the difference between FPUA's Assets and Liabilities, as displayed on the Budgeted Statement of Net Position. Projected changes in Net Position are as follows:

NET POSITION	Dollars in thousands		
	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
Net Position - Beginning of Year	\$ 184,998	\$ 187,687	\$ 187,576
Change in Net Position	2,689	(111)	(1,936)
Net Position - End of Year	\$ 187,687	\$ 187,576	\$ 185,640

BUDGETED STATEMENT OF NET POSITION
(Dollars in Thousands)

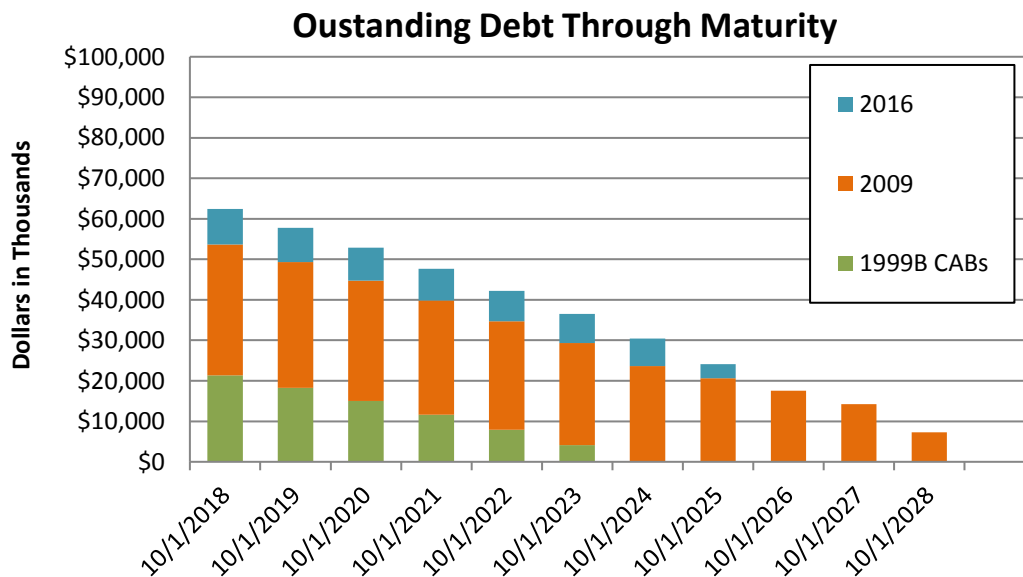
	ACTUAL	ACTUAL	AMENDED	ORIGINAL	CHANGE	
	9/30/16	9/30/17	BUDGET 9/30/18	BUDGET 9/30/19	9/30/18 TO 9/30/19 \$	9/30/18 TO 9/30/19 %
ASSETS AND DEFERRED OUTFLOWS						
ASSETS						
Current Assets:						
Equity in Pooled Cash and Investments	\$ 23,163	\$ 26,661	\$ 19,310	\$ 20,413	\$ 1,103	5.71%
Accounts Receivable, Net of Allowance for Uncollectible Accounts	9,072	8,489	8,746	8,680	(66)	(0.75%)
Unbilled Receivables	5,432	5,626	5,626	5,626	-	0.00%
Due from Other Governments	424	2,085	1,661	1,101	(560)	(33.71%)
Inventories and Other Current Assets	4,546	4,514	4,515	4,515	-	0.00%
Restricted Equity in Pooled Cash and Investments	22,349	13,946	12,293	11,281	(1,012)	(8.23%)
Restricted Cash with Fiscal Agent	1,083	6,353	6,379	6,404	25	0.39%
Total Current Assets	66,069	67,674	58,530	58,020	(510)	(0.87%)
Noncurrent Assets:						
Capital Assets:						
Utility Plant in Service	434,848	446,447	460,910	466,037	5,127	1.11%
Construction Work in Progress	22,547	20,124	18,625	16,372	(2,253)	(12.10%)
Less Accumulated Depreciation	(241,651)	(253,514)	(265,515)	(273,352)	(7,837)	2.95%
Total Capital Assets (net of Accumulated Depreciation)	215,744	213,057	214,020	209,057	(4,963)	(2.32%)
Other Noncurrent Assets:						
FMPA Working Capital Receivable	1,919	1,919	1,919	1,919	-	0.00%
Preliminary Surveys	41	41	41	41	-	0.00%
Investment in Public Gas Partners Pool	537	486	486	486	-	0.00%
Restricted Equity in Pooled Cash and Investments	6,857	6,857	6,857	6,857	-	0.00%
Total Other Noncurrent Assets	9,354	9,303	9,303	9,303	-	0.00%
Total Noncurrent Assets	225,098	222,360	223,323	218,360	(4,963)	(2.22%)
TOTAL ASSETS	291,167	290,034	281,853	276,380	(5,473)	(1.94%)
DEFERRED OUTFLOWS OF RESOURCES						
Deferred Pension Outflow	4,891	7,979	10,182	12,856	2,674	26.26%
Purchased Power and Gas Under-Recovery	-	-	1,668	762	(906)	(54.32%)
Deferred Amount on Debt Refunding	151	132	115	97	(18)	(15.65%)
TOTAL DEFERRED OUTFLOWS OF RESOURCES	5,042	8,111	11,965	13,715	1,750	14.63%
TOTAL ASSETS AND DEFERRED OUTFLOWS	<u>\$ 296,209</u>	<u>\$ 298,145</u>	<u>\$ 293,818</u>	<u>\$ 290,095</u>	<u>\$ (3,723)</u>	<u>(1.27%)</u>

BUDGETED STATEMENT OF NET POSITION
(Dollars in Thousands)

	ACTUAL 9/30/16	ACTUAL 9/30/17	AMENDED BUDGET 9/30/18	ORIGINAL BUDGET 9/30/19	CHANGE 9/30/18 TO 9/30/19	
					\$	%
LIABILITIES, DEFERRED INFLOWS AND NET POSITION						
LIABILITIES						
Current Liabilities:						
Accounts Payable and Accrued Expenses	\$ 7,900	\$ 8,973	\$ 9,000	\$ 9,000	\$ -	0.00%
Due to City of Fort Pierce	913	746	746	746	-	0.00%
Customer Deposits	8,024	8,029	8,240	8,420	180	2.18%
Revenue Bonds Payable - restricted assets	7,367	5,840	5,897	5,953	56	0.95%
Accrued Interest Payable - restricted assets	971	908	881	853	(28)	(3.18)%
Accrued Compensated Absences	24	-	-	-	-	0.00%
Capital Leases Payable	38	11	24	29	5	20.83%
Other Current Liabilities	859	835	854	851	(3)	(0.35)%
Total Current Liabilities	26,096	25,342	25,642	25,852	210	0.82%
Noncurrent Liabilities:						
Revenue Bonds Payable, Net of						
Unamortized Discounts	71,085	66,851	62,403	57,728	(4,675)	(7.49)%
Accrued Compensated Absences	1,778	1,968	1,968	1,968	-	0.00%
Other Post Employment Benefits Obligation	711	742	773	805	32	4.14%
Net Pension Liability	6,655	10,090	12,293	14,968	2,675	21.76%
Due to St Lucie County	131	124	124	124	-	0.00%
Capital Leases Payable	11	-	114	85	(29)	(25.44)%
Total Noncurrent Liabilities	80,371	79,775	77,675	75,678	(1,997)	(2.57)%
TOTAL LIABILITIES	106,467	105,117	103,317	101,530	(1,787)	(1.73)%
DEFERRED INFLOWS OF RESOURCES						
Purchased Power and Gas Over-Recovery	3,516	2,416	-	-	-	0.00%
Deferred Pension Inflow	1,228	2,925	2,925	2,925	-	0.00%
Deferred Amount on Debt Refunding	-	-	-	-	-	0.00%
Total Deferred Inflows of Resources	4,744	5,341	2,925	2,925	-	0.00%
NET POSITION						
Net Investment in Capital Assets	137,377	140,472	146,690	147,180	490	0.33%
Restricted for Capital Improvement Charges	7,070	5,522	4,053	2,861	(1,192)	(29.41)%
Restricted for Debt Service	5,457	5,457	5,457	5,457	-	0.00%
Restricted for Emergencies	900	900	900	900	-	0.00%
Restricted for Renewals and Replacements	500	500	500	500	-	0.00%
Unrestricted	33,694	34,836	29,976	28,742	(1,234)	(4.12)%
Total Net Position	184,998	187,687	187,576	185,640	(1,936)	(1.03)%
TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION	<u>\$ 296,209</u>	<u>\$ 298,145</u>	<u>\$ 293,818</u>	<u>\$ 290,095</u>	<u>\$ (3,723)</u>	<u>(1.27)%</u>

FPUA has three revenue bond series outstanding. All are collateralized by pledge of the net revenues of the combined systems as required by bond covenants. As of June 30, 2018 they consist of:

- \$10,223,000 Utilities Revenue Capital Appreciation Bonds, Series 1999B, yield varying from 5.80% to 5.90%. Future bond maturity dates October 1, 2018 through October 1, 2024 carry principal amounts totaling \$30,360,000 due in those years in annual amounts ranging from \$4,335,000 to \$4,340,000. The accreted value as of June 30, 2018 was \$25,318,259.
- \$34,800,000 Utilities Refunding Revenue Bonds, Series 2009, interest varying from 4.00% to 5.00%. The bonds mature October 1, 2018 through October 1, 2029, with annual principal amounts ranging from \$1,255,000 to \$7,285,000. The outstanding balance as of June 30, 2018 was \$33,590,000.
- \$9,545,000 Utilities Revenue Bond, Series 2016, interest fixed at 2.14%. Future bond maturity dates October 1, 2018 through October 1, 2026 carry annual principal amounts ranging from \$302,000 to \$3,451,000. The outstanding balance as of June 30, 2018 was \$9,078,000.



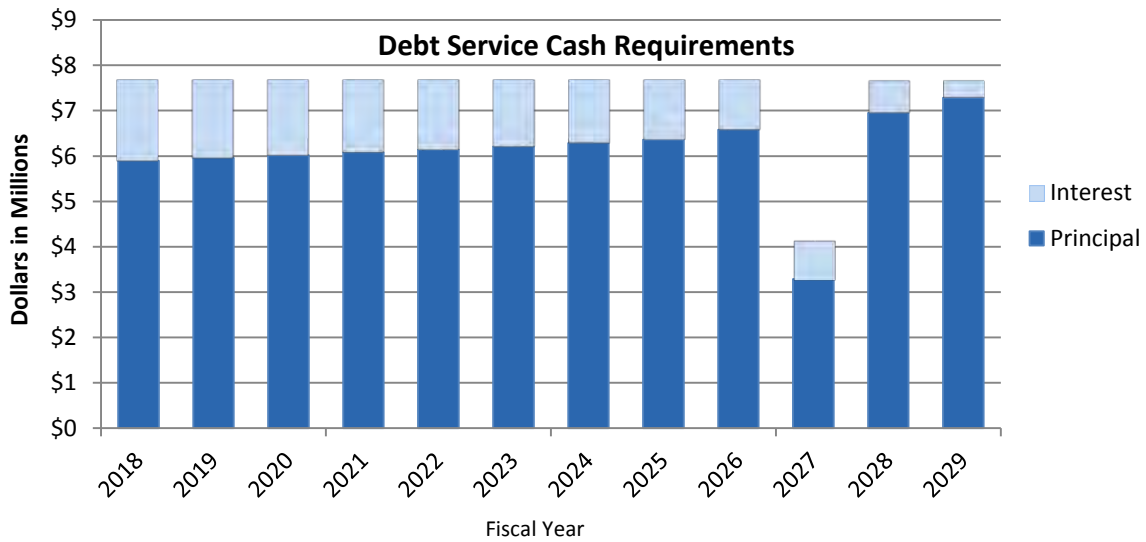
DEBT SERVICE

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. FPUA does not have a legally mandated debt limit. This schedule includes accretion of Capital Appreciation Bonds, which is not included in the calculation of debt service coverage.

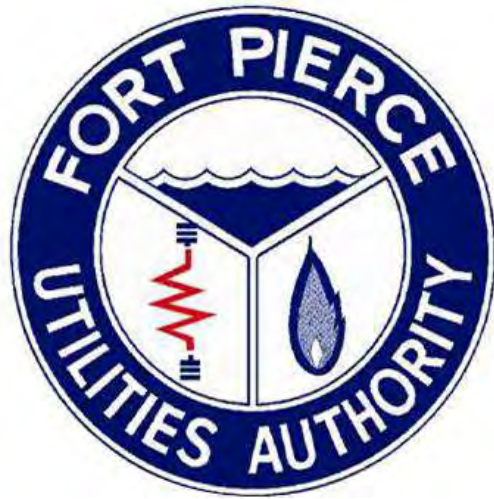
	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>ELECTRIC</u>				
Principal	\$ 3,036,677	\$ 2,407,248	\$ 2,430,743	\$ 2,453,827
Interest	1,485,891	1,408,340	1,321,222	1,228,013
<i>Total</i>	<u>4,522,568</u>	<u>3,815,588</u>	<u>3,751,965</u>	<u>3,681,840</u>
<u>WATER</u>				
Principal	2,949,010	2,337,752	2,360,569	2,382,986
Interest	1,442,994	1,367,682	1,283,079	1,192,561
<i>Total</i>	<u>4,392,004</u>	<u>3,705,434</u>	<u>3,643,648</u>	<u>3,575,547</u>
<u>NATURAL GAS</u>				
Principal	184,175	146,000	147,425	148,825
Interest	90,119	85,416	80,132	74,479
<i>Total</i>	<u>274,294</u>	<u>231,416</u>	<u>227,557</u>	<u>223,304</u>
<u>WASTEWATER</u>				
Principal	1,197,138	949,000	958,263	967,362
Interest	585,777	555,205	520,860	484,115
<i>Total</i>	<u>1,782,915</u>	<u>1,504,205</u>	<u>1,479,123</u>	<u>1,451,477</u>
<i>TOTAL ALL SYSTEMS</i>	<u><u>\$ 10,971,781</u></u>	<u><u>\$ 9,256,643</u></u>	<u><u>\$ 9,102,293</u></u>	<u><u>\$ 8,932,168</u></u>
<u>SUMMARY</u>				
Principal	\$ 7,367,000	\$ 5,840,000	\$ 5,897,000	\$ 5,953,000
Interest	<u>3,604,781</u>	<u>3,416,643</u>	<u>3,205,293</u>	<u>2,979,168</u>
<i>Total</i>	<u><u>\$ 10,971,781</u></u>	<u><u>\$ 9,256,643</u></u>	<u><u>\$ 9,102,293</u></u>	<u><u>\$ 8,932,168</u></u>

DEBT SERVICE CASH REQUIREMENTS BY FISCAL YEAR

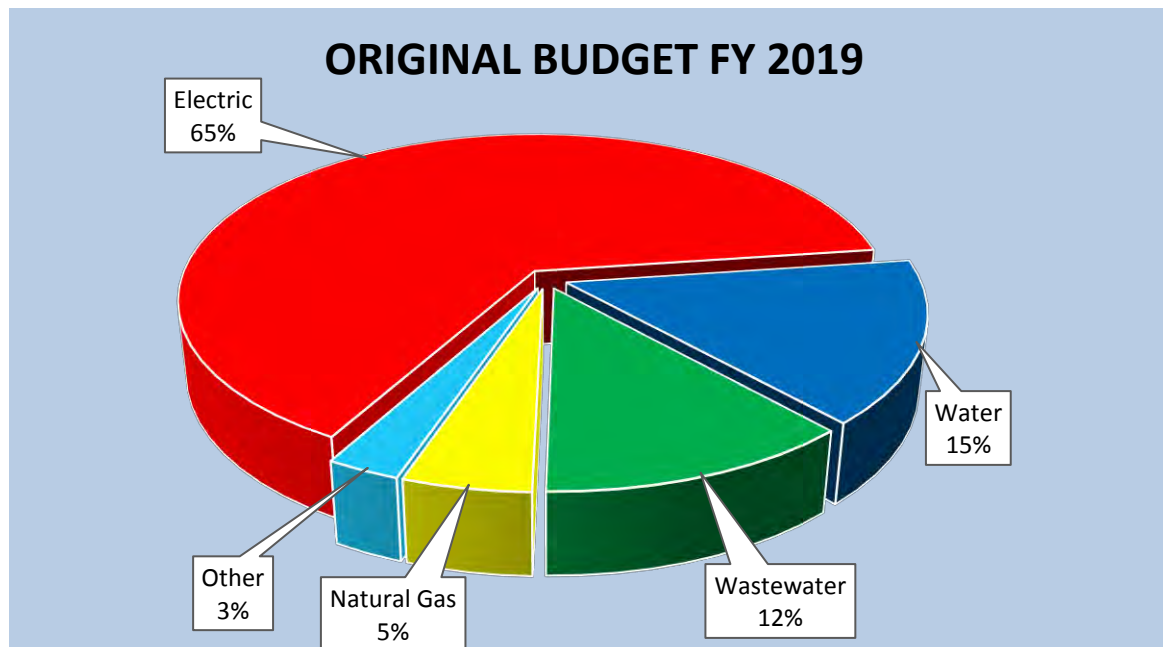
<u>Year Ending September 30</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2018	5,897,000	1,762,364	7,659,364
2019	5,953,000	1,705,701	7,658,701
2020	6,015,000	1,645,073	7,660,073
2021	6,076,000	1,583,932	7,659,932
2022	6,138,000	1,518,842	7,656,842
2023	6,210,000	1,449,348	7,659,348
2024	6,283,000	1,376,729	7,659,729
2025	6,360,000	1,299,571	7,659,571
2026	6,581,000	1,078,096	7,659,096
2027	3,285,000	847,745	4,132,745
2028	6,945,000	694,920	7,639,920
2029	7,285,000	357,395	7,642,395
Totals	<u>\$ 73,028,000</u>	<u>\$ 15,319,716</u>	<u>\$ 88,347,716</u>



REVENUES



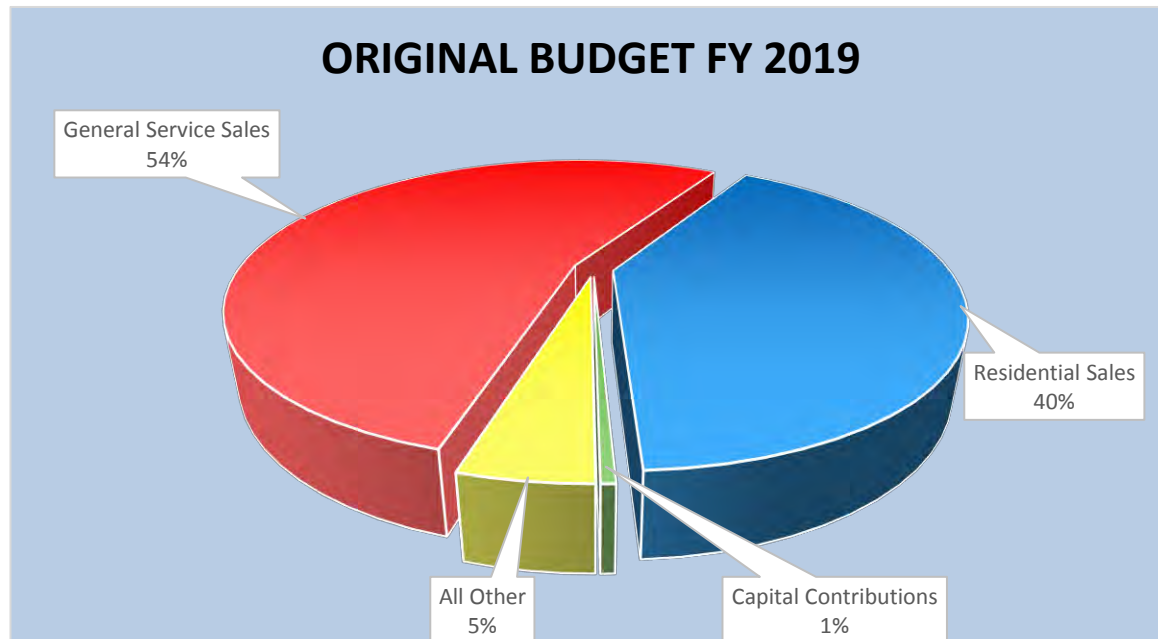
REVENUES BY SYSTEM



	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
Electric	\$ 65,744,236	\$ 67,349,954	\$ 71,201,984	\$ 70,102,261
Water	16,495,717	17,018,627	17,100,959	16,762,781
Wastewater	12,733,216	13,273,510	11,766,002	13,030,142
Natural Gas	4,592,445	4,688,341	5,092,566	5,294,516
Other	2,672,008	2,718,701	2,741,393	3,041,795
Total Revenues	\$ 102,237,622	\$ 105,049,133	\$ 107,902,904	\$ 108,231,495

FPUA staff estimated unit sales and sales revenues for FY 2018 and FY 2019 for the Electric, Water, Wastewater and Natural Gas Systems, as well as revenues for the Treasure Coast Energy Center, Manatee Observation and Education Center, and FPUAnet Communications. Future unit sales and revenues are based upon data prepared by staff including detailed customer billing statistics, financial results from FY 2017 and prior years, and other pertinent records of operations. The projections assume normal weather patterns. To ensure that FPUA continues to meet its goal of maintaining adequate operating reserves, staff continues to compare revenues to spending levels on an ongoing basis.

REVENUES BY SOURCE

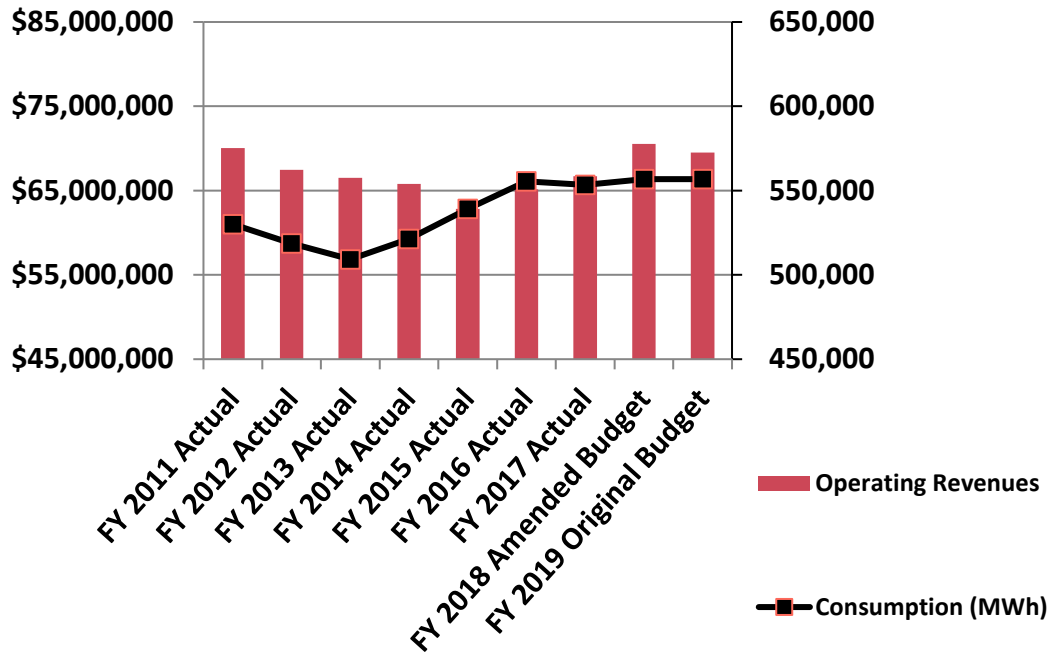


	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
General Service Sales	\$ 54,724,061	\$ 56,635,229	\$ 58,922,500	\$ 58,520,500
Residential Sales	41,432,722	42,393,772	44,515,000	44,126,000
Capital Contributions	1,680,090	(256,277)	(490,655)	561,000
All Other	4,400,749	6,276,409	4,956,059	5,023,995
Total Revenues	\$ 102,237,622	\$ 105,049,133	\$ 107,902,904	\$ 108,231,495

In FY 2019, FPUA expects to generate 94.8% of its revenues through rates charged to customers, the power cost adjustment (PCA), and the purchased gas adjustment (PGA). Of those sales, 57.0% is from general service sales, and 43.0% is from residential sales. The remaining 5.2% of the budget is made up of other operating, non-operating, and contributed revenues. Other operating revenues include service charges such as penalties, interest, and field contact charges (turn-ons and turn-offs), as well as MOEC and FPUAnet revenues, and guaranteed revenue charges. Other non-operating revenues include TCEC, revenue for City billing, and investment income.

ELECTRIC REVENUES

Electric operating revenues and consumption are depicted in the chart below.



Total Original Budget for FY 2019 Electric operating revenues are expected to decrease \$1 million, or 1.4%, from Amended FY 2018 levels. Both the Amended FY 2018 and Original FY 2019 projections are greater, when compared to FY 2017 actual. These increases are primarily attributable to increases in the Power Cost Adjustment (PCA) budgeted for FY 2019.

It is estimated that FPUA will purchase approximately 580,000 MWh and sell approximately 556,800 MWh for FY 2019. These estimates reflect an unaccounted for or, line loss factor, of 4%. The electric power cost is projected to be \$47 million or \$81.03 per MWh purchased for FY 2019. Based upon budgeted unit sales at current rates, electric sales revenues for FY 2019 will be approximately \$68.5 million.

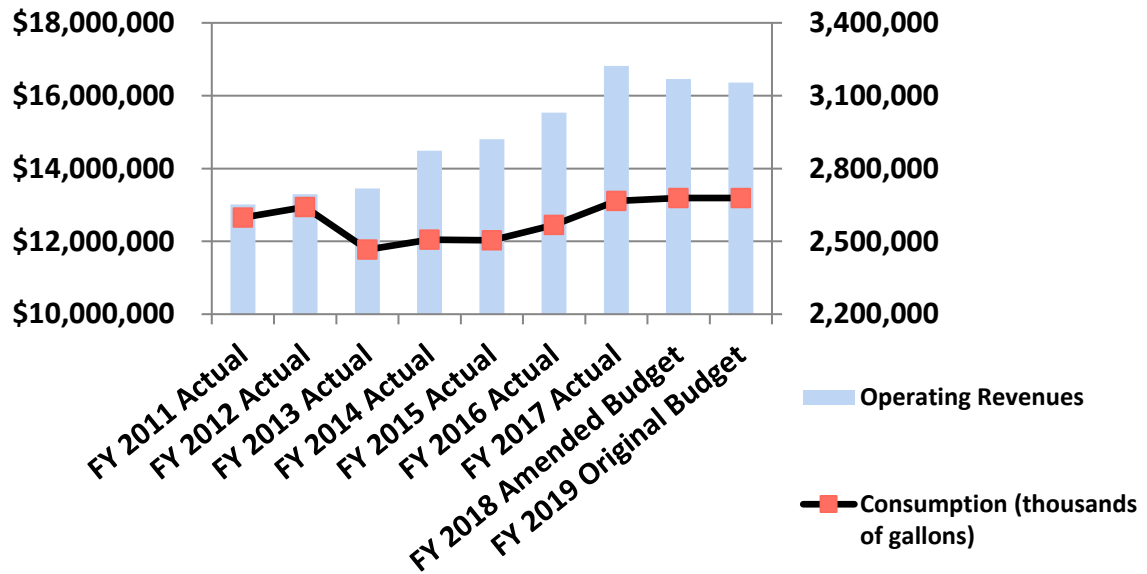
Based upon a review of historical customer statistics and the most recent plans for new development, it is expected that electric customer services billed will remain flat from FY 2018 to FY 2019.

ELECTRIC REVENUES

	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>OPERATING REVENUES</u>				
<u>SALES OF ELECTRICITY:</u>				
RESIDENTIAL SALES:				
Inside City	\$ 23,472,276	\$ 23,248,266	\$ 23,355,000	\$ 23,355,000
Outside City	5,786,344	5,676,094	5,817,000	5,817,000
GENERAL SERVICE:				
Inside City	30,177,880	29,975,136	29,692,500	29,692,500
Outside City	5,229,498	5,160,159	5,275,000	5,275,000
POWER COST ADJUSTMENT:				
Residential	(860,124)	(304,177)	1,693,000	1,238,000
General Service	(1,186,459)	(76,266)	2,029,000	1,484,000
UNBILLED SERVICE REVENUE	(185,400)	275,700	-	-
RENTAL LIGHTS:				
Residential	76,535	76,107	74,000	74,000
General Service	1,093,228	1,126,973	1,105,000	1,105,000
STREETLIGHTS & TRAFFIC SIGNALS	509,778	507,876	497,000	497,000
TOTAL	64,113,556	65,665,868	69,537,500	68,537,500
OTHER OPERATING REVENUES	1,042,514	1,021,593	994,000	994,000
TOTAL OPERATING REVENUES	65,156,070	66,687,461	70,531,500	69,531,500
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	52,543	131,178	203,000	203,000
REVENUE FOR CITY BILLING	83,105	82,985	82,761	82,761
MISCELLANEOUS INCOME	8,276	15,703	270,000	13,000
GAIN (LOSS) ON DISPOSITION OF PROPERTY	11,173	17,376	10,000	172,000
GRANT REVENUE	-	-	4,723	-
TOTAL NON-OPERATING REVENUES	155,097	247,242	570,484	470,761
REVENUES BEFORE CAPITAL CONTRIBUTIONS	65,311,167	66,934,703	71,101,984	70,002,261
CONTRIBUTED CAPITAL - CASH	402,580	415,251	100,000	100,000
REVENUES BEFORE EXTRAORDINARY ITEMS	65,713,747	67,349,954	71,201,984	70,102,261
EXTRAORDINARY INCOME	30,489	-	-	-
TOTAL REVENUES	\$ 65,744,236	\$ 67,349,954	\$ 71,201,984	\$ 70,102,261

WATER REVENUES

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



FY 2019 Water operating revenues are expected to decrease \$99,000, or 0.6%, over Amended FY 2018 levels. The decreases in other operating revenue in FY 2019 is due to the unusual amount of Guaranteed Revenue Charges (GRCs) recovered in FY 2017. This is a result of a few developers electing to reduce their available capacity for water services by applying previously paid Capital Improvement Charges (CICs) toward delinquent GRCs.

Consumption is expected to decrease by 0.5% for FY 2019 as compared to actual FY 2017. However, the Amended FY 2018 is anticipated to be flat to FY 2019. It is estimated that FPUA will sell approximately 2.7 billion gallons of water in FY 2019. Based upon these unit sales at current rates, water sales revenue for FY 2019 will be approximately \$16.2 million.

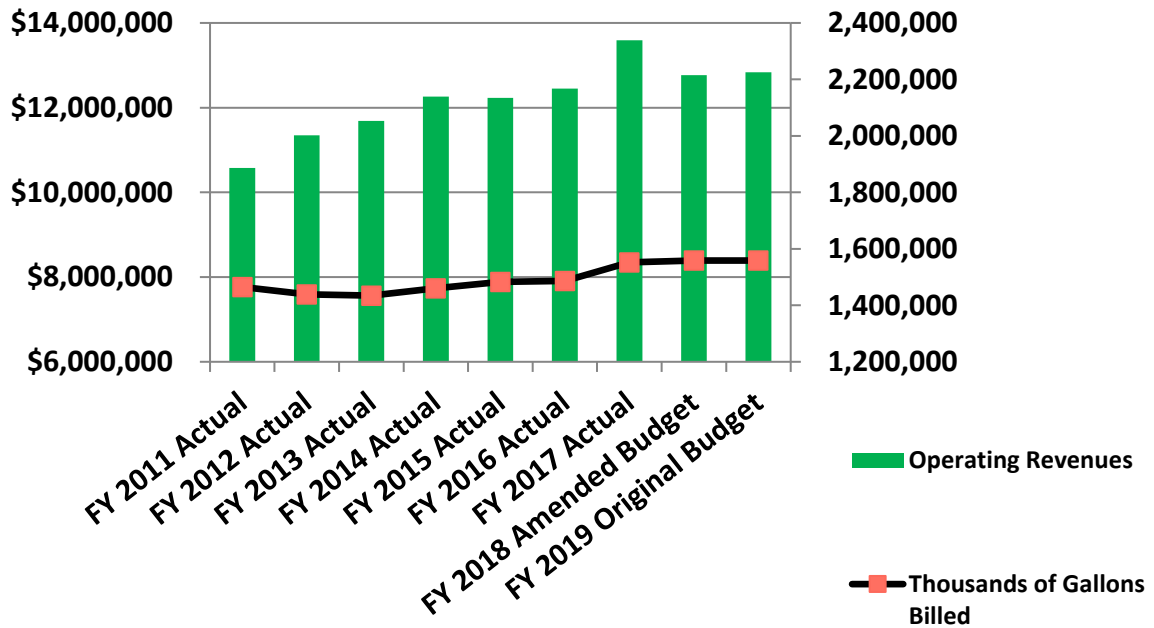
Due to the uncertainty of future development, staff is projecting that the number of water customer services billed will remain flat from FY 2018 to FY 2019.

WATER REVENUES

	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>OPERATING REVENUES</u>				
<i>SALES OF WATER:</i>				
<i>RESIDENTIAL SALES:</i>				
Inside City	\$ 4,686,085	\$ 4,883,274	\$ 4,893,000	\$ 4,893,000
Outside City	1,671,537	1,792,893	1,816,000	1,816,000
<i>GENERAL SERVICE:</i>				
Inside City	5,365,981	5,772,487	5,797,000	5,797,000
Outside City	2,562,057	2,595,443	2,600,000	2,600,000
UNBILLED SERVICE REVENUE	79,800	(24,500)	-	-
SALES FOR RESALE	913,764	952,803	953,000	953,000
UNMETERED FIRE PROTECTION	147,179	152,273	153,000	153,000
TOTAL	15,426,403	16,124,673	16,212,000	16,212,000
<i>OTHER OPERATING REVENUES</i>	<u>110,422</u>	<u>689,502</u>	<u>249,000</u>	<u>150,000</u>
TOTAL OPERATING REVENUES	15,536,825	16,814,175	16,461,000	16,362,000
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	10,644	26,575	38,700	38,700
GRANT REVENUE	-	415,593	11,178	-
REVENUE FOR CITY BILLING	50,079	50,301	50,581	50,581
MISCELLANEOUS INCOME	15,093	12,842	1,500	1,500
TOTAL NON-OPERATING REVENUES	<u>75,816</u>	<u>505,311</u>	<u>101,959</u>	<u>90,781</u>
REVENUES BEFORE CAPITAL CONTRIBUTIONS	15,612,641	17,319,486	16,562,959	16,452,781
<u>CAPITAL CONTRIBUTIONS</u>				
CAPITAL IMPROVEMENT CHARGES	245,297	(497,984)	150,000	150,000
CONTRIBUTED CAPITAL - CASH	553,542	76,789	275,000	75,000
CONTRIBUTED CAPITAL - NONCASH	84,237	120,336	113,000	85,000
TOTAL CAPITAL CONTRIBUTIONS	<u>883,076</u>	<u>(300,859)</u>	<u>538,000</u>	<u>310,000</u>
TOTAL REVENUES	<u><u>\$ 16,495,717</u></u>	<u><u>\$ 17,018,627</u></u>	<u><u>\$ 17,100,959</u></u>	<u><u>\$ 16,762,781</u></u>

WASTEWATER REVENUES

Wastewater operating revenues and gallons billed are depicted in the chart below.



Total FY 2019 Wastewater operating revenues are expected to be approximately 0.5% above Amended FY 2018 levels and 5.6% less than Actual FY 2017. This decrease is due to the unusual amount of Guaranteed Revenue Charges (GRCs) recovered in FY 2017. This is a result of a few developers electing to reduce their available capacity for wastewater services by applying previously paid Capital Improvement Charges (CICs) toward delinquent GRCs.

It is estimated that FPUA will bill approximately 1.6 billion gallons during FY 2019. At current rates, wastewater charges for FY 2019 are estimated to be \$12.7 million.

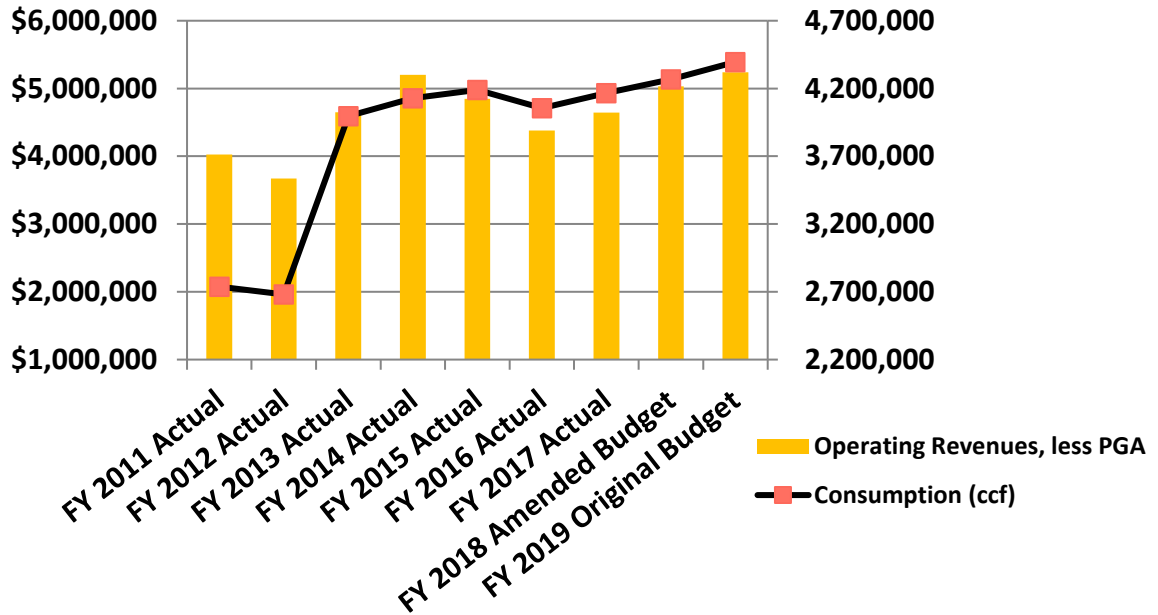
Due to the uncertainty of future development, staff is projecting that the number of wastewater customer services billed will remain flat from FY 2018 to FY 2019.

WASTEWATER REVENUES

	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>OPERATING REVENUES</u>				
<i>WASTEWATER CHARGES:</i>				
<i>RESIDENTIAL:</i>				
Inside City	\$ 4,869,177	\$ 4,952,158	\$ 4,947,000	\$ 4,947,000
Outside City	571,597	581,110	588,000	588,000
<i>GENERAL SERVICE:</i>				
Inside City	5,541,983	5,674,900	5,666,000	5,666,000
Outside City	1,051,564	1,071,928	1,081,000	1,081,000
REVENUE FROM ST. LUCIE COUNTY	261,092	358,040	436,000	436,000
UNBILLED SERVICE REVENUE	11,500	28,100	-	-
TOTAL	12,306,913	12,666,236	12,718,000	12,718,000
<i>OTHER OPERATING REVENUES</i>	<i>140,879</i>	<i>927,870</i>	<i>52,000</i>	<i>114,000</i>
TOTAL OPERATING REVENUES	12,447,792	13,594,106	12,770,000	12,832,000
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	8,973	21,758	31,000	23,000
REVENUE FOR CITY BILLING	44,281	44,179	44,142	44,142
GRANT REVENUE	-	-	58,515	-
MISCELLANEOUS INCOME	788	1,854	1,000	1,000
GAIN (LOSS) ON DISPOSITION OF PROPERTY	64,348	-	-	-
TOTAL NON-OPERATING REVENUES	118,390	67,791	134,657	68,142
REVENUES BEFORE CAPITAL CONTRIBUTIONS	12,566,182	13,661,897	12,904,657	12,900,142
<u>CAPITAL CONTRIBUTIONS</u>				
CAPITAL IMPROVEMENT CHARGES	107,872	(626,326)	(955,000)	100,000
CONTRIBUTED CAPITAL - CASH	8,378	182,454	(202,000)	10,000
CONTRIBUTED CAPITAL - NONCASH	50,784	55,485	18,345	20,000
TOTAL CAPITAL CONTRIBUTIONS	167,034	(388,387)	(1,138,655)	130,000
TOTAL REVENUES	\$ 12,733,216	\$ 13,273,510	\$ 11,766,002	\$ 13,030,142

NATURAL GAS

Natural Gas operating revenues and consumption are depicted in the chart below.



Budgeted operating revenues for Natural Gas in FY 2019 are expected to be 4.2% higher than the Amended FY 2018 levels.

Staff estimates that FPUA will purchase approximately 4,268,000 ccf in FY 2018 and approximately 4,396,040 ccf in FY 2019. At current rates, natural gas sales revenues for FY 2019 will be approximately \$5.2 million.

Based upon a review of historical customer statistics and the most recent plans for new development, it is expected that natural gas customer services billed will remain flat or have a small decrease from FY 2018 to FY 2019. FPUA continues to promote commercial natural gas usage. Therefore, it has been assumed that the natural gas system will continue to lose a small number of residential services billed annually while adding new commercial services billed. This trend is anticipated to continue for the next few years

NATURAL GAS REVENUES

	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>OPERATING REVENUES</u>				
<i>SALES OF NATURAL GAS:</i>				
<i>RESIDENTIAL SALES:</i>				
Inside City	\$ 1,059,860	\$ 1,050,157	\$ 1,105,000	\$ 1,138,000
Outside City	173,124	169,300	173,000	178,000
<i>GENERAL SERVICE:</i>				
Inside City	1,940,246	1,939,146	1,986,000	2,046,000
Outside City	400,735	468,392	480,000	494,000
<i>CONTRACT SALES:</i>				
Commercial	239,694	215,600	221,000	228,000
Industrial	184,621	199,268	204,000	210,000
<i>HEAT ONLY:</i>				
Residential	8,800	7,490	8,000	8,000
General Service	1,901	1,746	2,000	2,000
<i>PURCHASED GAS ADJUSTMENT:</i>				
Residential	(39,655)	(24,760)	46,000	74,000
General Service	350,425	539,325	745,000	801,000
COMPRESSED NATURAL GAS	960	360	-	-
UNBILLED SERVICE REVENUE	(10,800)	6,200	-	-
TOTAL	4,309,911	4,572,224	4,970,000	5,179,000
<i>OTHER OPERATING REVENUES</i>	<u>68,547</u>	<u>72,534</u>	<u>61,000</u>	<u>61,000</u>
TOTAL OPERATING REVENUES	4,378,458	4,644,758	5,031,000	5,240,000
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	3,390	8,463	12,000	12,000
REVENUE FOR CITY BILLING	9,736	9,734	9,716	9,716
GAS PIPING & APPLIANCE SALES	66,524	59,484	56,500	56,500
GAS PIPING & APPLIANCE COSTS	(40,839)	(44,694)	(30,000)	(30,000)
GAIN (LOSS) ON DISPOSITION OF PROPERTY	-	-	7,000	-
MISCELLANEOUS INCOME	11	305	350	300
TOTAL NON-OPERATING REVENUES	<u>38,822</u>	<u>33,292</u>	<u>55,566</u>	<u>48,516</u>
REVENUES BEFORE CAPITAL CONTRIBUTIONS	4,417,280	4,678,050	5,086,566	5,288,516
<u>CONTRIBUTED CAPITAL - CASH</u>	<u>175,165</u>	<u>10,291</u>	<u>6,000</u>	<u>6,000</u>
TOTAL REVENUES	<u><u>\$ 4,592,445</u></u>	<u><u>\$ 4,688,341</u></u>	<u><u>\$ 5,092,566</u></u>	<u><u>\$ 5,294,516</u></u>

MANATEE OBSERVATION & EDUCATION CENTER REVENUES

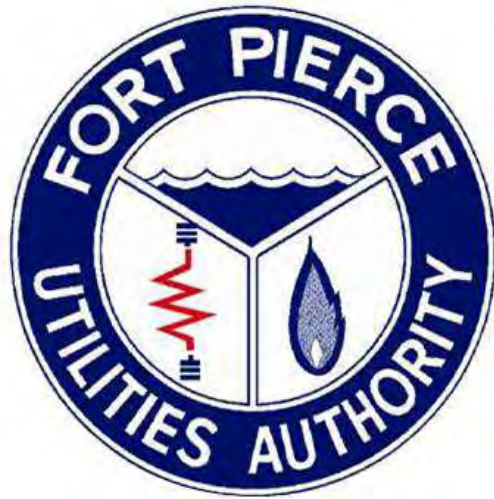
	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>OPERATING REVENUES</u>				
FPUA CONTRIBUTION	\$ 189,683	\$ 238,919	\$ 208,082	\$ 173,879
GIFT SHOP SALES	158,481	136,668	160,000	170,000
BOAT TOURS	18,406	27,178	35,000	30,000
DONATIONS	2,413	7,324	5,000	5,000
ADMISSIONS	17,754	17,565	19,500	19,000
TEACHING INCOME & CAMPS	18,150	15,008	23,000	20,000
MEMBERSHIPS	2,400	205	5,000	5,000
FUND RAISING INCOME	2,583	1,529	5,000	7,000
TOTAL OPERATING REVENUES	409,870	444,396	460,582	429,879
<u>NON-OPERATING REVENUES</u>				
INVESTMENT AND OTHER INCOME	234	584	1,200	1,200
GRANT REVENUE	-	5,000	10,000	10,000
GAIN (LOSS) ON DISPOSITION OF PROPERTY	49,323	2,862	5,500	55,000
TOTAL NON-OPERATING REVENUES	49,557	8,446	16,700	66,200
TOTAL REVENUES	\$ 459,427	\$ 452,842	\$ 477,282	\$ 496,079

FPUAnet COMMUNICATIONS REVENUES

	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>OPERATING REVENUES</u>				
DEDICATED INTERNET ACCESS	\$ 192,733	\$ 151,535	\$ 180,000	\$ 183,000
FIBER BANDWIDTH CONNECTIONS	126,771	125,086	140,000	142,000
COMMON CARRIER TELECOM SERVICES	130,610	132,559	133,000	137,000
GIGABIT INTERNET ACCESS	-	-	-	12,000
DARK FIBER TRANSMISSION	33,076	33,336	34,000	36,000
WIRELESS BROADBAND INTERNET ACCESS	4,862	18,081	21,000	25,500
WIRELESS BANDWIDTH CONNECTIONS	4,244	4,277	5,500	6,500
TOTAL OPERATING REVENUES	492,296	464,874	513,500	542,000
REVENUES BEFORE CAPITAL CONTRIBUTIONS	492,296	464,874	513,500	542,000
<u>CONTRIBUTED CAPITAL - CASH</u>	21,746	7,427	4,000	15,000
TOTAL REVENUES	\$ 514,042	\$ 472,301	\$ 517,500	\$ 557,000

TREASURE COAST ENERGY CENTER REVENUES

	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>NON-OPERATING REVENUES</u>				
FMPA O&M CONTRACT INCOME	\$ 1,698,539	\$ 1,793,558	\$ 1,746,611	\$ 1,988,716
TOTAL NON-OPERATING REVENUES	1,698,539	1,793,558	1,746,611	1,988,716
TOTAL REVENUES	\$ 1,698,539	\$ 1,793,558	\$ 1,746,611	\$ 1,988,716

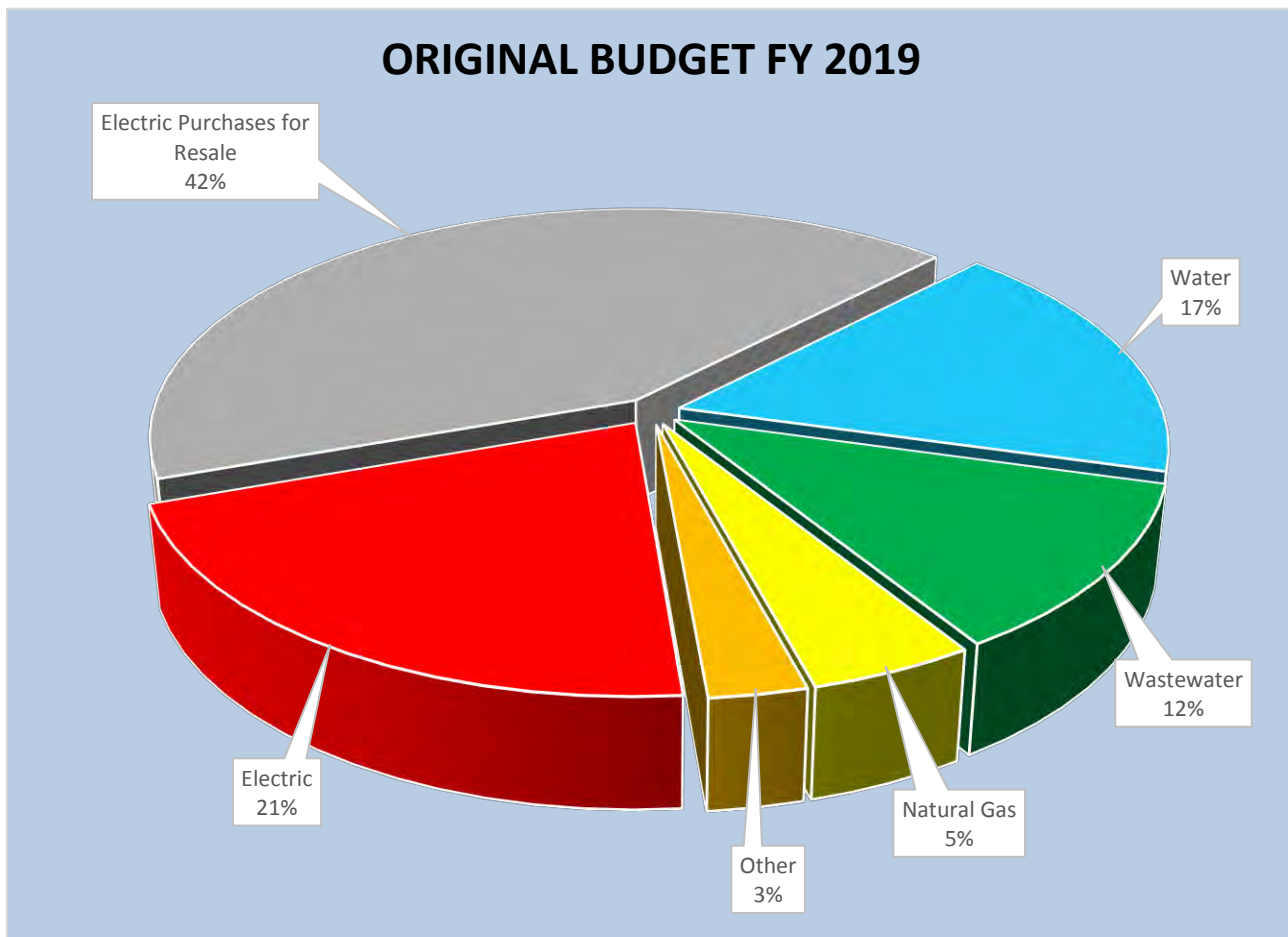


OPERATIONS AND MAINTENANCE

OPERATIONS AND MAINTENANCE EXPENSES BY DEPARTMENT

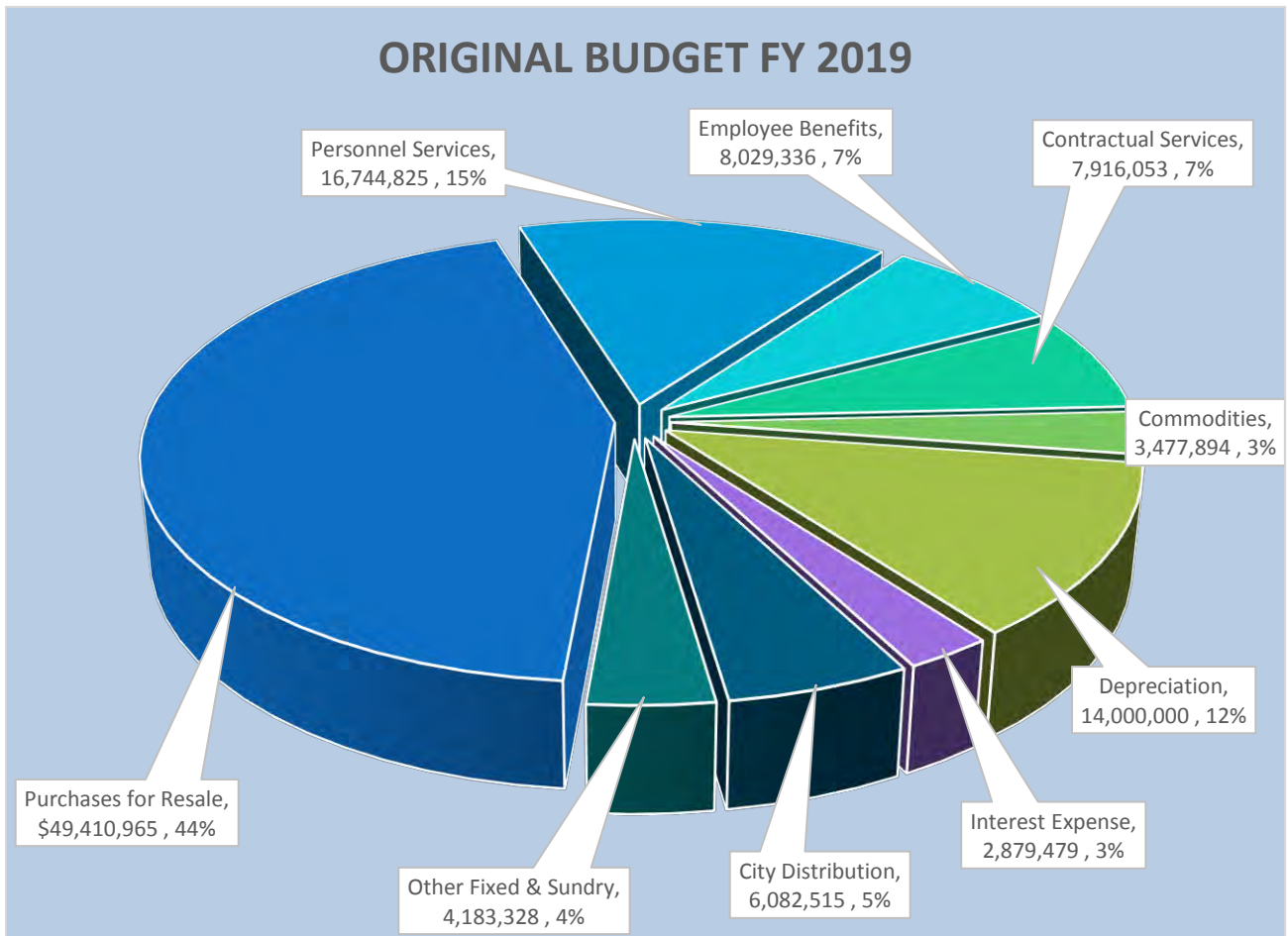
Department Name	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
01 - MOEC	\$ 459,427	\$ 453,229	\$ 477,282	\$ 496,079
02 - Treasure Coast Energy Center	1,698,539	1,793,558	1,746,611	1,988,716
10 - Board	94,378	97,757	111,809	109,225
11 - Director of Utilities	329,120	489,229	363,853	345,465
12 - Attorney	115,304	144,601	146,991	158,126
15 - Human Resources	365,097	383,330	398,944	441,962
18 - Safety	239,849	178,905	197,248	246,274
21 - Finance	1,518,230	1,444,217	1,544,195	1,635,098
22 - Materials Management	640,455	706,055	668,890	678,066
31 - Director of Utility Support Services	175,611	137,774	140,546	246,133
32 - Information Technology Services	2,502,502	2,469,021	2,775,386	2,926,079
35 - Facilities	713,791	753,243	825,802	849,608
41 - Community Relations	133,887	-	185,139	200,491
43 - Customer Service	2,047,382	2,188,837	2,001,487	2,153,934
51 - Director of Electric & Gas Systems	274,499	316,771	290,668	299,900
52 - Power Generation	9,232	1,886	1,900	1,900
53 - Electric Purchases for Resale	42,178,674	43,689,344	48,000,000	47,000,000
54 - Electric Transmission & Distribution	7,831,562	7,776,682	8,257,074	8,659,165
55 - Electric Operations	1,882,848	1,992,339	1,809,556	1,929,601
56 - Electric & Gas Engineering	1,042,847	1,077,817	960,320	1,314,657
61 - Dir of Water/Wastewater Systems	179,681	172,014	179,497	210,790
62 - Water Resources	6,076,838	6,270,250	7,021,613	7,597,679
64 - Water Distribution	4,931,751	5,265,700	5,400,921	5,475,901
66 - Water/Wastewater Engineering	1,053,851	1,112,712	1,059,523	1,255,576
74 - Gas Operations	2,062,810	1,777,684	1,871,122	1,970,154
75 - Gas Purchases for Resale	1,556,167	1,773,162	2,100,000	2,247,450
82 - Water Reclamation	3,612,368	3,640,350	3,659,264	3,822,196
84 - Wastewater Collection	4,739,018	5,128,757	4,800,510	5,060,453
93 - FPUAnet Communications	317,848	355,821	421,949	591,394
99 - Administrative & General	11,966,910	12,368,909	13,152,616	12,812,323
Grand Total	\$ 100,750,476	\$ 103,959,954	\$ 110,570,716	\$ 112,724,395

OPERATIONS & MAINTENANCE EXPENSES BY SYSTEM



	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
Electric	\$ 21,470,593	\$ 22,088,953	\$ 22,076,028	\$ 23,078,139
Electric Purchases for Resale	42,178,674	43,689,344	48,000,000	47,000,000
Water	16,412,303	16,971,224	18,017,183	18,875,410
Wastewater	12,165,530	12,571,909	12,364,343	12,943,892
Natural Gas	4,505,121	4,438,016	4,910,320	5,193,765
Other	2,473,269	2,601,046	2,645,842	3,076,189
TOTAL, net	\$ 99,205,490	\$ 102,360,492	\$ 108,013,716	\$ 110,167,395

OPERATIONS & MAINTENANCE EXPENSES BY CATEGORY



	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
Purchases for Resale	\$ 43,782,977	\$ 45,522,831	\$ 50,206,446	\$ 49,410,965
Personnel Services	14,396,602	14,266,308	15,088,897	16,744,825
Employee Benefits	8,199,874	9,047,205	7,519,784	8,029,336
Contractual Services	6,031,797	6,798,651	7,461,706	7,916,053
Commodities	2,855,968	2,647,495	3,332,562	3,477,894
Depreciation	13,097,597	12,774,414	13,500,000	14,000,000
Interest Expense	3,445,033	3,325,094	3,106,230	2,879,479
City Distribution	5,809,302	5,968,785	6,138,783	6,082,515
Other Fixed & Sundry	3,131,326	3,609,171	4,216,308	4,183,328
TOTAL	\$ 100,750,476	\$ 103,959,954	\$ 110,570,716	\$ 112,724,395

NOTE: Includes capitalized labor and overhead, and unallocated contingency

OPERATIONS AND MAINTENANCE EXPENSES BY OBJECT CODE

Object Code	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>				
1010 Salaries & Wages	\$ 13,632,308	\$ 13,540,823	\$ 14,304,997	\$ 15,911,225
1020 Overtime	764,294	725,485	783,900	833,600
<i>Personnel Services Total</i>	<u>14,396,602</u>	<u>14,266,308</u>	<u>15,088,897</u>	<u>16,744,825</u>
<u>EMPLOYEE BENEFITS</u>				
4050 Retirement	3,178,113	4,183,259	2,507,460	2,863,567
4060 FICA	1,063,422	1,082,848	1,146,292	1,272,648
4070 Employees' Insurance	3,660,567	3,340,076	3,550,000	3,640,000
4090 Vacation Pay Expense	(23,822)	38,747	-	-
4100 Sick Pay Expense	64,397	127,292	-	-
4110 Net OPEB Expense	30,000	31,000	31,000	32,000
4600 Workers' Compensation	222,227	238,467	275,032	211,121
4640 Unemployment Claims	4,970	5,516	10,000	10,000
<i>Employee Benefits Total</i>	<u>8,199,874</u>	<u>9,047,205</u>	<u>7,519,784</u>	<u>8,029,336</u>
<u>CONTRACTUAL SERVICES</u>				
2110 Advertising	58,214	35,218	45,395	62,506
2122 Rentals	44,653	59,426	69,067	73,883
2131 Maintenance of Buildings	96,655	86,488	109,615	110,334
2132 Maintenance of Vehicles	144,954	102,185	157,218	148,295
2133 Maintenance of Equipment	141,774	92,926	170,980	155,770
2139 Maintenance/Service Contracts	2,104,366	2,828,596	3,099,670	3,193,941
2140 Postage	176,440	202,148	218,209	235,161
2151 Printing	64,624	62,952	84,330	86,177
2161 Professional Fees - Audit	39,835	53,100	45,400	46,700
2164 Professional Fees - Consult/Eng	253,048	320,279	184,309	239,000
2165 Temporary Labor	153,009	20,008	40,856	15,000
2166 Professional Fees - Other	237,275	258,205	264,703	312,479
2170 Training	221,876	235,956	316,849	386,953
2171 Travel	7,198	16,460	19,565	17,235
2172 Car Allowance	138,126	133,213	141,401	152,320
2190 Communications	167,900	169,550	171,100	172,800
2200 Utilities	1,801,829	1,914,679	2,060,450	2,216,900
2230 Employee Relations	30,910	41,274	46,670	47,420
2240 Business Relations	12,776	5,545	6,757	6,774
2250 Community Relations	64,819	89,000	126,395	152,500
2260 Memberships - Professional	60,156	61,125	69,480	69,757
2262 Memberships - Civic	1,938	3,553	7,287	8,148
2290 Billing - Housing Authority	9,422	6,765	6,000	6,000
<i>Contractual Services Total</i>	<u>6,031,797</u>	<u>6,798,651</u>	<u>7,461,706</u>	<u>7,916,053</u>
<u>PURCHASES FOR RESALE</u>				
3360 Purchases for Resale	43,782,977	45,522,831	50,206,446	49,410,965
<i>Purchases for Resale Total</i>	<u>43,782,977</u>	<u>45,522,831</u>	<u>50,206,446</u>	<u>49,410,965</u>

OPERATIONS AND MAINTENANCE EXPENSES BY OBJECT CODE

Object Code	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>COMMODITIES</u>				
3311 Office Supplies	74,665	85,047	81,003	87,213
3313 Subscriptions	7,933	6,122	8,968	12,965
3316 Operating Supplies	1,415,577	1,377,429	1,708,647	1,716,421
3320 Chemicals	970,214	780,576	1,038,000	1,168,000
3331 Vehicle Supplies	285,532	310,021	376,376	384,192
3340 Small Tools	102,047	88,300	119,568	109,103
<i>Commodities Total</i>	<u>2,855,968</u>	<u>2,647,495</u>	<u>3,332,562</u>	<u>3,477,894</u>
<u>FIXED & SUNDRY</u>				
4010 Cost of Goods Sold	76,314	64,294	75,000	75,000
4015 Sales Discounts	10,868	8,844	10,000	10,000
4020 Cash (Over) Short	302	(211)	150	150
4080 Employee Suggestions & Awards	10,911	11,981	14,965	15,204
4509 Other Taxes	35,997	36,097	38,104	38,104
4510 Gross Receipts Tax	1,622,331	1,632,499	1,742,000	1,742,000
4520 Licenses & Permits	51,522	166,445	38,928	62,931
4531 Contributions - Civic	204,683	253,919	208,082	173,879
4610 Insurance - Prop/Liability	467,255	586,976	472,779	443,760
4666 Inventory Adjustments	48,724	23,043	4,000	4,000
4700 Utility Bad Debt Expense	284,589	261,696	320,400	320,400
5730 Bank Charges	359,857	316,234	342,000	347,000
9005 Duplicate Charges	(51,259)	(51,768)	(52,000)	(51,000)
<i>Fixed & Sundry Total</i>	<u>3,122,094</u>	<u>3,310,049</u>	<u>3,214,408</u>	<u>3,181,428</u>
<u>INTEREST EXPENSES</u>				
5721 Interest - Bonds	3,604,781	3,416,642	3,205,293	2,979,168
5723 Interest - Deposits	9,839	10,857	12,600	12,600
5725 Capitalized Interest	(180,767)	(126,355)	(135,000)	(135,000)
5729 Interest - Other	103	-	-	-
5731 Amortization of Bond Discounts	11,077	23,950	23,337	22,711
<i>Interest Expenses Total</i>	<u>3,445,033</u>	<u>3,325,094</u>	<u>3,106,230</u>	<u>2,879,479</u>
<u>MISCELLANEOUS</u>				
5710 Storm Expenses	-	297,236	-	-
9000 Distribution to City of Fort Pierce	5,809,302	5,968,785	6,138,783	6,082,515
9010 Contingency	-	-	1,000,000	1,000,000
9030 Depreciation	13,097,597	12,774,414	13,500,000	14,000,000
9050 Extraordinary Expense	9,232	1,886	1,900	1,900
<i>Miscellaneous Total</i>	<u>18,916,131</u>	<u>19,042,321</u>	<u>20,640,683</u>	<u>21,084,415</u>
<i>Grand Total</i>	<u><u>\$ 100,750,476</u></u>	<u><u>\$ 103,959,954</u></u>	<u><u>\$ 110,570,716</u></u>	<u><u>\$ 112,724,395</u></u>

ALLOCATION DISTRIBUTION
AMENDED BUDGET FY 2018

DEPARTMENTS		CAPITAL OR UNALLOC. CONTING.	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
01	MOEC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 477,282	\$ 477,282
02	Treasure Coast Energy	-	-	-	-	-	1,746,611	1,746,611
10	Board	7,000	46,336	28,319	5,440	24,714	-	111,809
11	Director of Utilities	20,000	152,017	92,909	17,846	81,081	-	363,853
12	Attorney	9,000	61,006	37,285	7,162	32,538	-	146,991
15	Human Resources	51,000	124,599	115,343	18,998	89,004	-	398,944
18	Risk Management	16,000	80,130	48,973	9,407	42,738	-	197,248
21	Finance	113,000	632,731	386,709	74,279	337,476	-	1,544,195
22	Materials Management	172,000	203,377	141,216	101,962	50,335	-	668,890
31	Director of Utility Support Services	11,000	46,391	42,944	7,073	33,138	-	140,546
32	Information Technology Services	188,000	926,544	857,718	141,271	661,853	-	2,775,386
35	Facilities	43,000	325,097	226,778	41,332	189,595	-	825,802
41	Community Relations	-	81,849	50,025	9,609	43,656	-	185,139
43	Customer Service	-	884,857	540,802	103,877	471,951	-	2,001,487
49	Administrative and General	404,000	26,985	24,981	4,115	19,277	-	479,358
51	Director of Electric and Gas Systems	8,000	282,668	-	-	-	-	290,668
52	Power Generation	-	1,900	-	-	-	-	1,900
53	Electric Purchases for Resale	-	48,000,000	-	-	-	-	48,000,000
54	Electric Transmission and Distribution	534,000	7,723,074	-	-	-	-	8,257,074
55	Electric Operations	5,000	1,804,556	-	-	-	-	1,809,556
56	Electric and Gas Engineering	11,000	949,320	-	-	-	-	960,320
59	Administrative and General	200,000	7,722,591	-	-	-	-	7,922,591
61	Director of W/WW Systems	-	-	107,698	-	71,799	-	179,497
62	Water Resources	-	-	7,021,613	-	-	-	7,021,613
64	Water Distribution	95,000	-	5,305,921	-	-	-	5,400,921
66	W/WW Engineering	165,000	-	536,714	-	357,809	-	1,059,523
69	Administrative and General	200,000	-	2,451,235	-	-	-	2,651,235
74	Gas Operations	54,000	-	-	1,817,122	-	-	1,871,122
75	Gas Purchases for Resale	-	-	-	2,100,000	-	-	2,100,000
79	Administrative and General	100,000	-	-	450,827	-	-	550,827
82	Water Reclamation	3,000	-	-	-	3,656,264	-	3,659,264
84	Wastewater Collection	48,000	-	-	-	4,752,510	-	4,800,510
89	Administrative and General	100,000	-	-	-	1,448,605	-	1,548,605
93	FPUAnet Communications	-	-	-	-	-	421,949	421,949
TOTALS		\$ 2,557,000	\$ 70,076,028	\$ 18,017,183	\$ 4,910,320	\$ 12,364,343	\$ 2,645,842	\$ 110,570,716

ALLOCATION DISTRIBUTION
ORIGINAL BUDGET FY 2019

	DEPARTMENTS	CAPITAL OR UNALLOC. CONTING.	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
01	MOEC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 496,079	\$ 496,079
02	Treasure Coast Energy Center	-	-	-	-	-	1,988,716	1,988,716
10	Board	7,000	45,194	27,621	5,305	24,105	-	109,225
11	Director of Utilities	20,000	143,887	87,941	16,892	76,745	-	345,465
12	Attorney	9,000	65,928	40,294	7,740	35,164	-	158,126
15	Human Resources	51,000	140,003	129,604	21,347	100,008	-	441,962
18	Risk Management	16,000	101,804	62,220	11,951	54,299	-	246,274
21	Finance	113,000	672,919	411,271	78,997	358,911	-	1,635,098
22	Materials Management	172,000	207,133	143,824	103,845	51,264	-	678,066
31	Director of Utility Support Services	11,000	84,201	77,947	12,838	60,147	-	246,133
32	Information Technology Services	188,000	980,506	907,673	149,499	700,401	-	2,926,079
35	Facilities	43,000	334,985	233,674	42,589	195,360	-	849,608
41	Community Relations	-	88,637	54,173	10,405	47,276	-	200,491
43	Customer Service	-	952,254	581,993	111,789	507,898	-	2,153,934
49	Administrative and General	404,000	22,692	21,007	3,460	16,210	-	467,369
51	Director of Electric and Gas Systems	8,000	291,900	-	-	-	-	299,900
52	Power Generation	-	1,900	-	-	-	-	1,900
53	Electric Purchases for Resale	-	47,000,000	-	-	-	-	47,000,000
54	Electric Transmission and Distribution	534,000	8,125,165	-	-	-	-	8,659,165
55	Electric Operations	5,000	1,924,601	-	-	-	-	1,929,601
56	Electric and Gas Engineering	11,000	1,303,657	-	-	-	-	1,314,657
59	Administrative and General	200,000	7,590,773	-	-	-	-	7,790,773
61	Director of W/WW Systems	-	-	126,474	-	84,316	-	210,790
62	Water Resources	-	-	7,597,679	-	-	-	7,597,679
64	Water Distribution	95,000	-	5,380,901	-	-	-	5,475,901
66	W/WW Engineering	165,000	-	654,346	-	436,230	-	1,255,576
69	Administrative and General	200,000	-	2,336,768	-	-	-	2,536,768
74	Gas Operations	54,000	-	-	1,916,154	-	-	1,970,154
75	Gas Purchases for Resale	-	-	-	2,247,450	-	-	2,247,450
79	Administrative and General	100,000	-	-	453,504	-	-	553,504
82	Water Reclamation	3,000	-	-	-	3,819,196	-	3,822,196
84	Wastewater Collection	48,000	-	-	-	5,012,453	-	5,060,453
89	Administrative and General	100,000	-	-	-	1,363,909	-	1,463,909
93	FPUAnet Communications	-	-	-	-	-	591,394	591,394
	TOTALS	\$ 2,557,000	\$ 70,078,139	\$ 18,875,410	\$ 5,193,765	\$ 12,943,892	\$ 3,076,189	\$ 112,724,395

MANATEE OBSERVATION & EDUCATION CENTER

DEPARTMENTAL CORE SERVICES

- Manage the operations of the Manatee Observation and Education Center (MOEC)
- Promote understanding and responsible actions for the protection of the Treasure Coast's fragile ecosystems and their inhabitants, especially the threatened Florida Manatee
- Provide environmental education to the public through exhibits, wildlife viewing, events, programs, and boat tours
- Provide environmental education to students through classroom programs, outreach programs, and field activities
- Raise funds from grants, individual and corporate donations, sponsorships, memberships, admissions, boat tours, programs, Center fundraisers, and gift shop sales
- Maintain positive working relationship and assist with development and implementation of activities associated with Treasure Coast Manatee Foundation (TCMF)
- Maintain an active volunteer program to enhance MOEC's community presence, offer additional education, and provide a work force to assist in the operation of the MOEC

DEPARTMENTAL ACCOMPLISHMENTS

- 2017 marked our 21st year of environmental education – rated top 10 of things to do in Fort Pierce
- Installed a fully-donated all-native butterfly garden including a sponsored bronze butterfly walkway, in FY 2017 eleven (11) of these butterfly plaques were sold and installed
- Facilitated TCMF designation as 2017 Top-Rated Nonprofit through Greatnonprofits.org
- Partnered with TCMF to host the 10th annual 5K race resulting in highest grossing revenue for the second year in a row surpassing all previous 5K races
- Partnered with a student technology team from St. Andrews Episcopal Academy upper school to develop PowerPoint announcement loops for the Exhibit Hall
- Awarded 2017 TripAdvisor Certificate of Excellence based on consistently great reviews earned
- Awarded \$5,000 reimbursement grant from VisitFlorida for our marketing and website improvements

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lunch-n-learn lecture attendees	300	294	310	301	315	350	375
Educ. program participants (students & campers)	5,500	3,659	4,500	4,205	4,100	4,200	4,500
Annual visitors	40,500	39,257	40,000	41,351	40,500	44,000	46,000
Volunteer hours	13,500	12,199	12,550	10,639	13,000	11,100	11,500
Manatees spotted	*	438	*	308	*	400	*

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Grant revenue	\$5,000	\$0.00	\$15,000	\$5,000	\$15,000	\$10,000	\$10,000
% +/- # of visitors over previous year	1.3%	10.6%	1.3%	5.3%	3.8%	6.4%	4.5%
% +/- operating revenue (less FPUA contribution) over previous year	12.7%	8.0%	14.8%	(6.7)%	11.7%	23.0%	1.4%

*No Goal –Actual count observed during operating hours

DEPT. 01 - MANATEE OBSERVATION & EDUCATION CENTER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 176,049	\$ 166,845	\$ 170,853	\$ 179,223
1020	Overtime	1,186	1,480	700	2,000
	<i>Personnel Services Total</i>	<u>177,235</u>	<u>168,325</u>	<u>171,553</u>	<u>181,223</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	32,672	39,958	30,742	32,819
4060	FICA	12,987	12,726	13,124	13,864
4070	Employees' Insurance	38,106	32,524	35,770	36,677
4090	Vacation Pay Expense	1,212	145	-	-
4100	Sick Pay Expense	(117)	1,179	-	-
4110	Net OPEB Expense	341	354	354	365
4600	Workers' Compensation	463	506	318	308
	<i>Employee Benefits Total</i>	<u>85,664</u>	<u>87,392</u>	<u>80,308</u>	<u>84,033</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	8,825	8,309	9,600	10,100
2131	Maintenance Of Buildings	1,865	3,269	2,300	2,500
2132	Maintenance Of Vehicles	95	-	-	-
2133	Maintenance Of Equipment	369	336	700	700
2139	Maintenance/Service Contracts	21,726	23,189	22,850	23,500
2140	Postage	648	410	850	1,500
2151	Printing	1,250	333	1,700	1,800
2166	Professional Fees - Other	652	-	400	400
2170	Training	129	25	300	500
2172	Car Allowance	3,300	3,575	3,575	3,300
2190	Communications	3,079	3,073	2,700	2,700
2200	Utilities	8,129	8,761	8,900	9,600
2230	Employee/Volunteer Relations	4,112	4,489	4,350	4,550
2260	Memberships - Professional	160	545	545	545
2262	Memberships - Civic	395	-	130	350
	<i>Contractual Services Total</i>	<u>54,734</u>	<u>56,314</u>	<u>58,900</u>	<u>62,045</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,362	2,751	2,300	2,400
3316	Operating Supplies	32,510	44,572	57,500	58,500
3331	Vehicle Supplies	146	153	350	450
	<i>Commodities Total</i>	<u>35,018</u>	<u>47,476</u>	<u>60,150</u>	<u>61,350</u>
<u>FIXED & SUNDRY</u>					
4010	Cost of Goods Sold	76,314	64,294	75,000	75,000
4015	Sales Discount	10,868	8,844	10,000	10,000
4020	Cash (Over) Short	67	188	150	150
4520	Licenses & Permits	29	29	50	50
4610	Property & Liab./Ins. & Uninsur.	3,671	3,576	3,826	3,826
4666	Inventory Adjustments	3,745	2,044	3,000	3,000
5730	Bank Charges	5,647	5,990	7,000	7,000
	<i>Fixed & Sundry Total</i>	<u>100,341</u>	<u>84,965</u>	<u>99,026</u>	<u>99,026</u>
<u>MISCELLANEOUS</u>					
9000	Distribution To City Of Fort Pierce	351	2,973	345	402
9030	Depreciation Expense	6,084	5,784	7,000	8,000
	<i>Miscellaneous Total</i>	<u>6,435</u>	<u>8,757</u>	<u>7,345</u>	<u>8,402</u>
Total		<u>\$ 459,427</u>	<u>\$ 453,229</u>	<u>\$ 477,282</u>	<u>\$ 496,079</u>

TREASURE COAST ENERGY CENTER

DEPARTMENTAL CORE SERVICES

- Operate and maintain, under contract, the Treasure Coast Energy Center (TCEC) which is wholly owned by FMPA's All Requirements Project (ARP); while adhering to all applicable federal, state and local laws concerning the operation and maintenance of electric power generating units

DEPARTMENTAL ACCOMPLISHMENTS

- For ten (10) years, beginning May 31, 2008, the plant has consistently exceeded expectations for reliability, efficiency and environmental responsibility. Its accomplishments include:
 - Having a forced outage factor of just over 1%, with less than 1,000 hours of unplanned repairs in the past 10 years. The national average is more than 2% per year
 - Having nitrogen oxide emissions 93% below the Florida average and 95% lower than the U.S. average. Sulfur dioxide emissions are 99% lower than both the Florida and U.S. averages
 - Contributing to a reduction in wholesale power costs. TCEC, along with low prices for natural gas, have enabled FMPA to decrease the cost of wholesale power by 26% since 2009
- Forced Outage Factor, (FOF), or unplanned unavailability, provides an indication of the percent of time the unit was unavailable for production. One forced outage day can cost \$100,000 - \$150,000 in replacement power costs, by extension, one (1.0) percent FOF can cost \$365,000-\$547,500. The projects implemented to address the root causes of FY 2016 forced outages reduced FOF 2.34% and so avoided between \$854,100 and \$1.28 million of replacement power costs

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Megawatt Hours	*	1,822,334	2,100,000	1,868,739	2,100,000	1,918,440	1,638,094
Period Hours	8,784	8,784	8,760	8,760	8,760	8,760	8,760
Service Hours	*	7,790	8,000	8,094	8,000	8,200	7,400
Forced Outage Hours	≤44	342	≤100	136	≤100	80	80

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal ₁	Actual	Goal ₁	Projected	Goal ₁
Equivalent Availability Factor (EAF)	92.0%	88.8%	92.0%	92.6%	92.0%	93.0%	85.0%
Forced Outage Factor (FOF)	≤0.50%	3.89%	≤0.50%	1.55%	≤0.50%	0.91%	≤0.50%
Capacity Factor	*	69.2%	*	73.5%	*	73.0%	*
Safety Frequency Rate (CY)	≤5.0	0.0	≤5.0	7.45	≤5.0	7.45	≤5.0
Safety DART Rate (CY)	≤50	0	≤50	29.81	≤50	1,415.3	≤50

* Megawatt Hours, Capacity Factor, and Service Hours are system demand controlled metrics.

1 TCEC EAF and FOF Goals are "Stretch Goals", FY2017 System EAF Goal was 85%, System FOF Goal was 2%, FY2018 System EAF Goal is 88%, System FOF Goal is 2%, FY2019 System EAF Goal is not yet developed, System FOF Goal is 2%.

DEPT. 02 - TREASURE COAST ENERGY CENTER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 952,743	\$ 939,698	\$ 1,022,618	\$ 1,183,588
1020	Overtime	203,785	231,712	206,900	260,000
	<i>Personnel Services Total</i>	<u>1,156,528</u>	<u>1,171,410</u>	<u>1,229,518</u>	<u>1,443,588</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	268,746	339,059	208,144	242,746
4060	FICA	83,515	83,850	94,058	110,434
4070	Employees' Insurance	184,526	160,700	162,031	166,139
4090	Vacation Pay Expense	(5,309)	4,235	-	-
4100	Sick Pay Expense	2,890	4,425	-	-
4110	Net OPEB Expense	1,477	1,532	1,532	1,582
4600	Workers' Compensation	11,397	12,580	37,053	11,783
4640	Unemployment Claims	-	-	1,925	-
	<i>Employee Benefits Total</i>	<u>547,242</u>	<u>606,381</u>	<u>504,743</u>	<u>532,684</u>
<u>CONTRACTUAL SERVICES</u>					
2139	Maintenance/Service Contracts	-	3,924	-	-
2172	Car Allowance	10,320	10,320	10,320	10,320
	<i>Contractual Services Total</i>	<u>10,320</u>	<u>14,244</u>	<u>10,320</u>	<u>10,320</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	1,287	1,023	1,530	1,624
	<i>Commodities Total</i>	<u>1,287</u>	<u>1,023</u>	<u>1,530</u>	<u>1,624</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	(16,838)	500	500	500
	<i>Fixed & Sundry Total</i>	<u>(16,838)</u>	<u>500</u>	<u>500</u>	<u>500</u>
Total		<u>\$ 1,698,539</u>	<u>\$ 1,793,558</u>	<u>\$ 1,746,611</u>	<u>\$ 1,988,716</u>

BOARD

DEPARTMENTAL CORE SERVICES

- Adopt resolutions and policies necessary for FPUA's operations
- Review and approve the Annual Budget for FPUA
- Review and approve utility rates
- Approve purchases of goods and services greater than \$25,000
- Hold public meetings to conduct FPUA business
- Provide for an annual independent audit of the finances for FPUA
- Provide direction to staff regarding rate setting strategy that balances good utility business practices with customer affordability
- Provide direction, oversight, and final review for annual budget that accomplishes objectives of rate setting strategy
- Board Member, Michael A. Perri, Jr., serves as Chairman of the Florida Municipal Power Agency's Policy Makers Liaisons Committee

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Board meetings	20	16	20	15	20	20	22
Agenda items reviewed	250	249	200	216	250	249	260
Workshops- Budget, Rates, Employee Benefits, Compensation, and Strategic Planning	2	2	2	3	3	2	2
Training sessions attended	4	2	2	2	2	2	2

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Accept annual independent audit	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Provide direction for rate adjustments or control of rates to balance need of utility with customer affordability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Approval of budget that accomplishes objective of rate setting strategy	Yes	Yes	Yes	Yes	Yes	Yes	Yes

DEPT. 10 - BOARD

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 18,143	\$ 18,005	\$ 18,005	\$ 18,005
	<i>Personnel Services Total</i>	18,143	18,005	18,005	18,005
<u>EMPLOYEE BENEFITS</u>					
4060	FICA	1,760	1,718	1,377	1,377
4070	Employees' Insurance	54,533	50,053	54,574	55,958
4600	Workers' Compensation	273	301	318	311
4610	Property & Liab./Ins. & Uninsur.	120	120	120	120
	<i>Employee Benefits Total</i>	56,686	52,192	56,389	57,766
<u>CONTRACTUAL SERVICES</u>					
2166	Professional Fees - Other	-	4,350	-	-
2170	Training	5,439	3,022	16,000	15,000
2171	Travel	807	6,765	7,500	4,500
2172	Car Allowance	12,000	12,000	12,000	12,000
2240	Business Relations	-	-	520	531
2262	Memberships - Civic	1,303	1,303	1,395	1,423
	<i>Contractual Services Total</i>	19,549	27,440	37,415	33,454
<u>COMMODITIES</u>					
3311	Office Supplies	-	120	-	-
	<i>Commodities Total</i>	-	120	-	-
	Total	\$ 94,378	\$ 97,757	\$ 111,809	\$ 109,225

DIRECTOR OF UTILITIES

DEPARTMENTAL CORE SERVICES

- Serve as Chief Executive Officer of FPUA
- Direct and coordinate activities of all FPUA employees
- Supervise the following direct reports: Director of Utility Support Services, Director of Financial Services, Director of Water/Wastewater Systems, Director of Electric & Gas Systems, Human Resources Manager, and Executive Assistant
- Establish general procedure to ensure all policies and resolutions passed by the Board are enforced and duly administered with controlled resources in an effort to enhance service delivery
- Direct the budget and rate processes
- Inform the FPUA Board of legislative matters, capital improvements, budget items, policies, and services offered to customers
- Maintain open lines of communication with City Commission and City staff regarding utility issues

DEPARTMENTAL ACCOMPLISHMENTS

- Continued five-year rate planning effort to assure rate sufficiency of all utilities by making rate adjustments
- Provided impetus and oversight for a more focused effort on employee professional development
- Served on the Florida Municipal Power Agency (FMPA) Board of Directors
- Conducted Strategic Planning Session
- Provided FPUA support for Charter Review Commission

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Director/direct report meetings	40	29	40	31	35	42	45
Exempt staff meetings	3	2	5	1	2	3	4
Meetings with Mayor, Commissioners, or City Commission Meetings	10	38	20	30	30	20	20
Meetings with City staff	12	16	20	4	10	10	15
FMPA meetings	11	20	11	13	15	11	12
Chamber of Commerce and Fort Pierce Area Council meetings	11	23	11	18	30	8	10
Utility planning meetings with St. Lucie County, City of Port St. Lucie, and Economic Development Council	15	20	20	16	15	21	25

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Accept annual independent audit	Yes	Yes	Yes	Yes	Yes	Yes	Yes

DEPT. 11 - DIRECTOR OF UTILITIES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 204,445	\$ 248,633	\$ 237,669	\$ 219,800
	<i>Personnel Services Total</i>	<u>204,445</u>	<u>248,633</u>	<u>237,669</u>	<u>219,800</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	53,291	67,751	42,590	39,806
4060	FICA	15,432	16,856	18,182	16,815
4070	Employees' Insurance	32,753	31,145	26,912	27,595
4080	Employee Suggestions & Awards	-	-	1,000	1,000
4090	Vacation Pay Expense	2,827	17,242	-	-
4100	Sick Pay Expense	2,736	67,497	-	-
4110	Net OPEB Expense	227	236	236	243
4600	Workers' Compensation	284	312	377	369
	<i>Employee Benefits Total</i>	<u>107,550</u>	<u>201,039</u>	<u>89,297</u>	<u>85,828</u>
<u>CONTRACTUAL SERVICES</u>					
2139	Maintenance/Service Contracts	1,219	1,199	1,200	1,311
2140	Postage	33	75	-	-
2151	Printing	-	20	-	200
2164	Profess. Fees - Consulting/Eng.	-	11,368	2,500	2,500
2170	Training	2,091	2,528	5,826	4,000
2171	Travel	1,879	3,902	2,800	5,000
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	648	776	800	800
2230	Employee Relations	83	9,059	9,100	9,100
2240	Business Relations	546	583	2,000	2,000
2250	Community Relations	21	26	50	-
2260	Memberships - Professional	-	199	1,000	1,114
2262	Memberships - Civic	-	-	1,000	1,500
	<i>Contractual Services Total</i>	<u>11,680</u>	<u>34,895</u>	<u>31,436</u>	<u>32,685</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,066	1,502	1,500	2,653
3313	Subscriptions	56	-	100	148
3316	Operating Supplies	75	-	-	-
	<i>Commodities Total</i>	<u>2,197</u>	<u>1,502</u>	<u>1,600</u>	<u>2,801</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	-	-	500
4610	Property & Liab./Ins. & Uninsur.	1,829	1,745	1,851	1,851
	<i>Fixed & Sundry Total</i>	<u>1,829</u>	<u>1,745</u>	<u>1,851</u>	<u>2,351</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,419	1,415	2,000	2,000
	<i>Miscellaneous Total</i>	<u>1,419</u>	<u>1,415</u>	<u>2,000</u>	<u>2,000</u>
Total		<u>\$ 329,120</u>	<u>\$ 489,229</u>	<u>\$ 363,853</u>	<u>\$ 345,465</u>

ATTORNEY

DEPARTMENTAL CORE SERVICES

- Provide legal services and assistance to FPUA's Board and staff
- Serve as a representative of FPUA before all levels of court
- Review, approve, and make available all contracts, agreements, and documents executed on behalf of FPUA
- Review and approve resolutions submitted for Board action

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Board Meetings	20	16	20	15	20	20	20
Special topic meetings	10	11	10	6	10	15	10
Workshops	2	2	3	3	3	3	3
Attorney meetings	12	16	20	15	20	20	20
Resolutions reviewed	12	8	10	8	10	11	10
Contracts/agreements	200	109	150	130	150	140	140

DEPT. 12 - ATTORNEY

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 98,014	\$ 100,248	\$ 104,715	\$ 108,904
	<i>Personnel Services Total</i>	<u>98,014</u>	<u>100,248</u>	<u>104,715</u>	<u>108,904</u>
<u>EMPLOYEE BENEFITS</u>					
4070	Employees' Insurance	15,694	14,529	15,851	16,253
4600	Workers' Compensation	100	109	107	104
	<i>Employee Benefits Total</i>	<u>15,794</u>	<u>14,638</u>	<u>15,958</u>	<u>16,357</u>
<u>CONTRACTUAL SERVICES</u>					
2166	Professional Fees - Other	1,496	29,691	26,010	30,000
2170	Training	-	-	100	2,653
2171	Travel	-	-	208	212
	<i>Contractual Services Total</i>	<u>1,496</u>	<u>29,691</u>	<u>26,318</u>	<u>32,865</u>
<u>COMMODITIES</u>					
3311	Office Supplies	-	24	-	-
	<i>Commodities Total</i>	<u>-</u>	<u>24</u>	<u>-</u>	<u>-</u>
	Total	<u>\$ 115,304</u>	<u>\$ 144,601</u>	<u>\$ 146,991</u>	<u>\$ 158,126</u>

HUMAN RESOURCES

DEPARTMENTAL CORE SERVICES

- Provide equal employment opportunities and encourage diversity
- Provide quality support services to departmental leadership toward the achievement of organizational goals and objectives
- Recruit “right fit” talent and select the highest quality employees
- Ensure fair and equitable compensation structure
- Provide benefit plans attractive to job applicants that meet employee needs
- Enhance employee relations through effective communication and fair and consistent application of work rules
- Provide employee and management development through ongoing educational programs

DEPARTMENTAL ACCOMPLISHMENTS

- Completed compensation study resulting in implementation of new pay grade structure
- Timely processed 1095-C forms to IRS in compliance with Affordable Care Act (ACA) mandates
- Market analysis and change of vendor for group benefits to maximize cost effectiveness
- Secured new vendor for drug and alcohol testing to ensure full compliance with FDOT and PHMSA regulations, with added convenience for employees and minimizing unproductive time
- Continued active involvement in community outreach to educate City youth on career opportunities in the utility industry
- Participated in several job fairs to attract quality staff and maintain a visible presence in the community

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Job applications processed	2,500	2,164	2,000	1,841	2,000	2,100	2,000
Personnel action forms processed	250	216	250	196	250	250	250
Positions advertised/posted	50	126	95	50	95	52	50
Employees enrolled in Education Assistance Program	10	9	9	10	12	12	14

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Vacancy Rate	5.0%	7.0%	4.0%	3.9%	5.0%	5.8%	5.0%
Turnover Rate*	*	12.4	*	10.6%	5.0%	4.0%	5.0%
% of new hires successfully completing probationary period	95%	100%	99%	99.3%	99%	99%	99%
% of employees completing Intro to FPUA within first year of service	100%	100%	100%	100%	100%	100%	100%
% of employees participating in the wellness program	55%	47%	56%	61%	55%	60%	60%

*Not previously tracked

DEPT. 15 - HUMAN RESOURCES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 177,995	\$ 179,143	\$ 188,327	\$ 202,132
1020	Overtime	163	39	100	100
	<i>Personnel Services Total</i>	<u>178,158</u>	<u>179,182</u>	<u>188,427</u>	<u>202,232</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	45,441	57,131	33,766	36,624
4060	FICA	12,904	12,967	14,415	15,471
4070	Employees' Insurance	46,482	42,998	47,127	48,322
4080	Employee Suggestions & Awards	10,911	9,931	11,965	12,204
4090	Vacation Pay Expense	(1,705)	2,465	-	-
4100	Sick Pay Expense	9,777	5,471	-	-
4110	Net OPEB Expense	341	354	354	365
4600	Workers' Compensation	163	180	191	187
	<i>Employee Benefits Total</i>	<u>124,314</u>	<u>131,497</u>	<u>107,818</u>	<u>113,173</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	3,968	3,094	4,000	4,000
2139	Maintenance/Service Contracts	822	1,361	1,400	1,400
2140	Postage	24	32	200	216
2151	Printing	21	-	100	108
2164	Profess. Fees - Consulting/Eng.	3,052	18,869	20,000	20,000
2166	Professional Fees - Other	31,191	24,821	40,000	45,000
2170	Training	7,655	11,304	20,000	40,000
2171	Travel	10	24	106	108
2172	Car Allowance	3,300	3,300	3,300	3,300
2190	Communications	875	1,016	900	900
2230	Employee Relations	1,184	942	650	400
2260	Memberships - Professional	433	807	1,000	1,082
	<i>Contractual Services Total</i>	<u>52,535</u>	<u>65,570</u>	<u>91,656</u>	<u>116,514</u>
<u>COMMODITIES</u>					
3311	Office Supplies	3,731	1,975	5,000	4,000
3313	Subscriptions	2,862	1,773	2,000	2,000
	<i>Commodities Total</i>	<u>6,593</u>	<u>3,748</u>	<u>7,000</u>	<u>6,000</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	2,078	1,918	2,043	2,043
	<i>Fixed & Sundry Total</i>	<u>2,078</u>	<u>1,918</u>	<u>2,043</u>	<u>2,043</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,419	1,415	2,000	2,000
	<i>Miscellaneous Total</i>	<u>1,419</u>	<u>1,415</u>	<u>2,000</u>	<u>2,000</u>
	Total	<u>\$ 365,097</u>	<u>\$ 383,330</u>	<u>\$ 398,944</u>	<u>\$ 441,962</u>

SAFETY

DEPARTMENTAL CORE SERVICES

- Provide quality OSHA-based safety training to employees to ensure understanding of hazards and effective mitigations
- Develop and maintain a Safety Management System composed of the following:
 - Management: Leadership and Employee Involvement
 - Worksite Analysis
 - Hazard Prevention and Control
 - Safety and Health Training
 - Safety Policies and Procedures

DEPARTMENTAL ACCOMPLISHMENTS

- In addition to online OSHA training, provided specialized hands-on training to field crews such as Competent Person Excavation and Trenching, Forklift, and Respirator training
- Assisted in procuring and deploying Electric Transmission and Distribution safety training which is specific to tasks performed by linemen
- Ensured that 180 FPUA employees were able to renew their American Heart Association certifications
- Ensured FDOT Maintenance of Traffic classes were provided as needed by all field crews

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Incident Reports (CY)	< 40	38	<35	43	<33	<31	<28
Claims – W/C	< 13	12	<12	13	<11	<11	<10
Building Safety Inspections	29	55	50	41	52	52	55

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Workers' Comp experience modification factor	.97	.97	1.00	.88	.95	1.00	.95
Vehicle Accident Rate**	*	.11	.09	.14	.05	.09	.08
FPUA Frequency Rate	≤ 5.0	4.11	≤ 5.0	5.38	≤ 5.0	5.0	≤4.5
FPUA DART Rate	≤ 50	88.74	≤ 50	170.84	≤ 50	235	≤45

*Not measured in prior years

**Vehicle Accident Rate = Number of accidents/total number of vehicles (includes *not at fault*)

DEPT. 18 - SAFETY

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 139,154	\$ 76,525	\$ 86,024	\$ 89,735
	<i>Personnel Services Total</i>	<u>139,154</u>	<u>76,525</u>	<u>86,024</u>	<u>89,735</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	18,275	21,250	15,416	16,251
4060	FICA	9,988	5,718	6,581	6,865
4070	Employees' Insurance	44,155	21,158	19,677	20,176
4080	Employee Suggestions & Awards	-	2,050	2,000	2,000
4090	Vacation Pay Expense	(12,865)	1,937	-	-
4100	Sick Pay Expense	(2,543)	-	-	-
4110	Net OPEB Expense	227	118	118	122
4600	Workers' Compensation	394	433	314	307
	<i>Employee Benefits Total</i>	<u>57,631</u>	<u>52,664</u>	<u>44,106</u>	<u>45,721</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	35	-	100	100
2139	Maintenance/Service Contracts	650	16,413	11,000	63,000
2140	Postage	7	89	210	210
2151	Printing	-	986	50	50
2164	Profess. Fees - Consulting/Eng.	8,573	-	-	-
2166	Professional Fees - Other	11,520	2,959	2,000	3,000
2170	Training	8,463	9,736	12,100	17,500
2172	Car Allowance	752	-	-	-
2190	Communications	770	809	1,000	1,000
2230	Employee Relations	2,406	796	2,000	2,000
2260	Memberships - Professional	270	140	150	150
	<i>Contractual Services Total</i>	<u>33,446</u>	<u>31,928</u>	<u>28,610</u>	<u>87,010</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,977	2,547	1,500	1,500
3313	Subscriptions	34	178	1,450	4,350
3316	Operating Supplies	3,958	9,830	28,000	10,000
3331	Vehicle Supplies	1,179	579	1,100	1,500
	<i>Commodities Total</i>	<u>7,148</u>	<u>13,134</u>	<u>32,050</u>	<u>17,350</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	2,470	1,602	1,458	1,458
	<i>Fixed & Sundry Total</i>	<u>2,470</u>	<u>1,602</u>	<u>1,458</u>	<u>1,458</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	-	3,052	5,000	5,000
	<i>Miscellaneous Total</i>	<u>-</u>	<u>3,052</u>	<u>5,000</u>	<u>5,000</u>
	Total	<u>\$ 239,849</u>	<u>\$ 178,905</u>	<u>\$ 197,248</u>	<u>\$ 246,274</u>

FINANCE

DEPARTMENTAL CORE SERVICES

- Plan, organize and direct the financial, accounting, and rate matters throughout FPUA
- Preparation of financial statements, statistical reports, budget documents and coordination of financial forecasts, rate studies, debt issuance and investment decisions
- Maintain FPUA's accounting records in accordance with generally accepted accounting principles
- Provide for the fair and equitable treatment of all persons involved in public purchasing by FPUA, to maximize the purchasing value of FPUA funds, and to provide safeguards for maintaining a procurement system of quality and integrity
- Identify and monitor risk exposure and minimize consequences through effective practices, procedures, and controls

DEPARTMENTAL ACCOMPLISHMENTS

- Achieved GFOA's Distinguished Budget Presentation Award for the Annual Budget
- Attained GFOA's Certificate of Achievement for Excellence in Financial Reporting for the Comprehensive Annual Financial Report
- GFOA certification obtained by FPUA's Controller

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Active vendors	3,000	2,633	2,500	2,634	2,650	2,700	2,700
Checks issued/paid	2,800	2,822	2,750	2,673	2,780	2,730	2,730
EFT debits/paid	2,500	2,525	2,750	2,368	2,500	2,370	2,370
Purchase orders issued	1,300	1,298	1,300	1,281	1,325	1,340	1,340
Formal bids completed	20	14	20	17	17	22	22
POA's completed	225	201	225	238	230	250	250

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of Annual Budget award overall criteria judged to be:							
Proficient	75%	83%	70%	51%	50%	33%	50%
Outstanding	25%	17%	30%	49%	50%	67%	50%
Proficient grading from Special Review Committee on CAFR	100%	100%	100%	100%	100%	100%	100%
Bond Ratings:							
Fitch	A+	A+	A+	A+	A+	A+	A+
Standard & Poors	A	A	A	A	A	A	A
Debt Service Ratio	2.45x	2.51x	3.07x	3.25x	2.93x	3.15x	2.81x

DEPT. 21 - FINANCE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 604,542	\$ 601,701	\$ 692,563	\$ 759,252
1020	Overtime	373	1,883	1,300	800
	<i>Retirement</i>	<u>604,915</u>	<u>603,584</u>	<u>693,863</u>	<u>760,052</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	152,575	191,479	124,340	137,645
4060	FICA	43,788	44,330	53,081	58,144
4070	Employees' Insurance	172,484	150,225	167,679	171,930
4090	Vacation Pay Expense	(4,259)	13,932	-	-
4100	Sick Pay Expense	(71)	(265)	-	-
4110	Net OPEB Expense	1,477	1,532	1,532	1,582
4600	Workers' Compensation	714	781	828	810
4640	Unemployment Claims	-	-	6,413	10,000
	<i>Employee Benefits Total</i>	<u>366,708</u>	<u>402,014</u>	<u>353,873</u>	<u>380,111</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	8,805	11,375	4,000	4,000
2139	Maintenance/Service Contracts	686	862	1,100	1,100
2140	Postage	47	130	200	200
2151	Printing	21	21	100	100
2161	Professional Fees - Audit	39,835	53,100	45,400	46,700
2164	Profess. Fees - Consulting/Eng.	48,442	2,945	31,000	31,000
2165	Temporary Labor	7,432	9,757	24,000	12,450
2166	Professional Fees - Other	49,072	20,000	20,000	23,000
2170	Training	13,653	7,144	12,000	12,734
2171	Travel	45	92	100	100
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	1,866	1,679	1,400	1,400
2230	Employee Relations	490	-	500	500
2260	Memberships - Professional	615	2,155	1,500	1,592
	<i>Contractual Services Total</i>	<u>176,169</u>	<u>114,420</u>	<u>146,460</u>	<u>140,036</u>
<u>COMMODITIES</u>					
3311	Office Supplies	6,833	6,485	6,500	6,500
3313	Subscriptions	290	312	320	320
	<i>Commodities Total</i>	<u>7,123</u>	<u>6,797</u>	<u>6,820</u>	<u>6,820</u>
<u>FIXED & SUNDRY</u>					
4020	Cash (Over) Short	55	(615)	-	-
4520	Licenses & Permits	105	-	100	-
4610	Property & Liab./Ins. & Uninsur.	8,656	7,773	8,079	8,079
5730	Bank Charges	354,210	310,244	335,000	340,000
	<i>Fixed & Sundry Total</i>	<u>363,026</u>	<u>317,402</u>	<u>343,179</u>	<u>348,079</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	289	-	-	-
	<i>Miscellaneous Total</i>	<u>289</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total		<u>\$ 1,518,230</u>	<u>\$ 1,444,217</u>	<u>\$ 1,544,195</u>	<u>\$ 1,635,098</u>

MATERIALS MANAGEMENT

DEPARTMENTAL CORE SERVICES

- Maintain and control a computerized inventory system, consisting of electric, water, wastewater, natural gas, fiber, janitorial, medical and office supplies
- Sell obsolete material at the FPUA surplus equipment vehicle auction
- Dispose of hazardous material according to local, state, and federal laws
- Recycle all metals that are removed from the Electric and Natural Gas systems
- Assist Facilities in the maintenance of FPUA Facilities
- Centralized Fleet Services, practice a cradle to grave approach for procurement, maintenance, repairs, and disposition

DEPARTMENTAL ACCOMPLISHMENTS

- Adjusted inventory to meet current needs
- Continue cross-training Facilities Specialist II in warehouse procedures in case of an event that requires additional manpower in the warehouse
- Centralized Fleet Services achieved 100 % participation rate for 2017
- Recycled over 98,406 lbs. of metal

Performance Measures:

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Vehicle safety inspections	*	142	152	155	157	155	150
Stock items issued	10,000	10,133	10,000	11,418	10,000	9,594	9,500
Stock purchase orders	750	763	700	734	700	806	750
Stock items returned	100	68	100	605	50	320	100

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of vehicles in Centralized Fleet Services	100%	90%	100%	100%	100%	100%	100%
Inventory Shrinkage	*	1.1%	*	8 %	.6%	7%	7%
Dept. Safety Frequency Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dept. Safety DART Rate	0	0	0	1,417.87	0	0	0

*Not measured in prior years

DEPT. 22 - MATERIALS MANAGEMENT

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 283,536	\$ 320,560	\$ 336,290	\$ 350,923
1020	Overtime	4,229	3,925	4,700	4,700
	<i>Personnel Services Total</i>	<u>287,765</u>	<u>324,485</u>	<u>340,990</u>	<u>355,623</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	66,275	96,178	61,105	64,403
4060	FICA	19,080	22,243	26,086	27,205
4070	Employees' Insurance	76,928	81,301	88,237	90,474
4090	Vacation Pay Expense	2,229	4,470	-	-
4100	Sick Pay Expense	(1,971)	6,502	-	-
4110	Net OPEB Expense	682	707	707	730
4600	Workers' Compensation	5,458	4,355	4,700	4,594
	<i>Employee Benefits Total</i>	<u>168,681</u>	<u>215,756</u>	<u>180,835</u>	<u>187,406</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	717	418	2,450	2,450
2132	Maintenance Of Vehicles	10,850	7,850	2,520	4,371
2133	Maintenance Of Equipment	2,303	2,219	3,000	2,185
2139	Maintenance/Service Contracts	3,150	4,883	14,100	3,278
2140	Postage	9	-	227	21
2151	Printing	1,323	116	500	500
2170	Training	1,029	5,956	5,000	2,693
2171	Travel	-	-	246	250
2190	Communications	2,961	3,572	3,600	3,600
2200	Utilities	24,918	24,500	27,900	30,000
2230	Employee Relations	142	111	70	70
2260	Memberships - Professional	-	30	260	265
	<i>Contractual Services Total</i>	<u>47,402</u>	<u>49,655</u>	<u>59,873</u>	<u>49,683</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,764	3,143	2,000	1,121
3316	Operating Supplies	11,537	7,994	8,000	8,000
3331	Vehicle Supplies	12,796	29,762	18,000	18,000
3340	Small Tools	11,605	1,035	3,081	2,122
	<i>Commodities Total</i>	<u>38,702</u>	<u>41,934</u>	<u>31,081</u>	<u>29,243</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	50	313	400	400
4610	Property & Liab./Ins. & Uninsur.	30,114	28,335	30,711	30,711
4666	Inventory Adjustments	44,979	20,999	1,000	1,000
	<i>Fixed & Sundry Total</i>	<u>75,143</u>	<u>49,647</u>	<u>32,111</u>	<u>32,111</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	22,762	24,578	24,000	24,000
	<i>Miscellaneous Total</i>	<u>22,762</u>	<u>24,578</u>	<u>24,000</u>	<u>24,000</u>
	Total	<u>\$ 640,455</u>	<u>\$ 706,055</u>	<u>\$ 668,890</u>	<u>\$ 678,066</u>

DIRECTOR OF UTILITY SUPPORT SERVICES

DEPARTMENTAL CORE SERVICES

- Provide planning and direction for the following departments:
 - ◆ Manatee Observation and Education Center – Department 01
 - ◆ Safety – Department 18
 - ◆ Materials Management – Department 22
 - ◆ Information Technology Services – Department 32
 - ◆ Facilities – Department 35
 - ◆ Community Relations – Department 41
 - ◆ Customer Service – Department 43
 - ◆ FPUAnet® Communications – Department 93

Sustainability and Facilities Management

- While the heart of any green building project is minimizing the impact that the built environment has on the natural environment, green buildings also offer **healthy, productive workspaces that cost less to operate and maintain than conventional buildings**



MANATEE
OBSERVATION
AND EDUCATION CENTER

Explore.
Educate.
Inspire.

DEPT. 31 - DIRECTOR OF UTILITY SUPPORT SERVICES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 109,084	\$ 105,786	\$ 95,862	\$ 179,314
	<i>Personnel Services Total</i>	<u>109,084</u>	<u>105,786</u>	<u>95,862</u>	<u>179,314</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	8,273	8,052	7,333	13,718
4060	FICA	20,409	13,377	7,938	8,139
4070	Employees' Insurance	(74)	(15,165)	-	-
4090	Vacation Pay Expense	2,197	(13,348)	-	-
4100	Sick Pay Expense	114	118	118	122
4110	Net OPEB Expense	-	-	-	400
4600	Workers' Compensation	-	1,650	1,650	-
	<i>Employee Benefits Total</i>	<u>30,919</u>	<u>(5,316)</u>	<u>17,039</u>	<u>22,379</u>
<u>CONTRACTUAL SERVICES</u>					
2170	Training	524	20	1,500	3,000
2171	Travel	-	-	1,040	1,040
2172	Car Allowance	5,160	3,870	5,160	5,160
2190	Communications	648	776	700	700
2230	Employee Relations	-	-	50	50
2240	Business Relations	190	199	600	600
2260	Memberships - Professional	203	72	300	300
	<i>Contractual Services Total</i>	<u>6,725</u>	<u>4,937</u>	<u>9,350</u>	<u>10,850</u>
<u>COMMODITIES</u>					
3311	Office Supplies	-	-	100	100
3316	Operating Supplies	27,894	31,408	17,178	32,474
	<i>Commodities Total</i>	<u>27,894</u>	<u>31,408</u>	<u>17,278</u>	<u>32,574</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	55	60	63	62
4610	Property & Liab./Ins. & Uninsur.	934	899	954	954
	<i>Fixed & Sundry Total</i>	<u>989</u>	<u>959</u>	<u>1,017</u>	<u>1,016</u>
Total		<u>\$ 175,611</u>	<u>\$ 137,774</u>	<u>\$ 140,546</u>	<u>\$ 246,133</u>

INFORMATION TECHNOLOGY SERVICES

DEPARTMENTAL CORE SERVICES

- Information Technology Services, Administration: Provide general administrative support to the other groups of ITS; provide financial management, administration of the telecommunications, IT operating account, and company-wide computer replacement, which includes centralized purchasing of all computer and communication-related equipment and software
- Information Technology Services, Network: Provide hardware/software support and user training; technological support and consultation for all departments throughout FPUA; maintain client/server environment; develop and maintain FPUA and FPUAnet communication infrastructure; develop and maintain telecommunication infrastructure, which includes voice over internet protocol (VoIP) phones, radios, cell phones, and mobile wireless fidelity (Mi-Fi)
- Information Technology Services, Systems: Provide maintenance and support of FPUA's Core Business System (CBS); development, maintenance, support, and training of applications; development and maintenance of web services; and operate a centralized help desk for all technology support requests
- Records Management: Respond to and assists with public records requests; and coordinate, train, and oversee that records are in compliance with the Florida Records Management Association (FRMA) and Sunshine Laws

DEPARTMENTAL ACCOMPLISHMENTS

- Replacement of Core Switch at Energy Service Center to increase reliability
- Installed Cloud POS that encrypts credit card information at the point of swipe eliminating vulnerabilities and user input error

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Workstations supported	433	349	355	310	355	315	315
VoIP phones supported	290	283	285	300	285	315	320
Cell phones supported	97	98	101	99	101	103	105
Radios supported	236	216	239	203	220	205	221
Servers supported	92	90	90	92	96	95	95
Non-project work orders completed	3,000	3,622	4,000	3,538	4,000	3,498	3,800
Public records request	45	37	30	56	30	45	50
Records disposition volume							
Electronic Records	*	10.86 GB	.05 GB	27.05 GB	10 GB	30 GB	30 GB
Paper Records	300 cf	383.5 cf	100 cf	561.5 cf	100 cf	300 cf	200 cf

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Annual customer survey ¹	95%	N/A	97%	N/A	97%	N/A	97%
System Availability:							
AVL	100%	100%	100%	100%	100%	100%	100%
Camera	99.9%	100%	99.0%	100%	99.0%	99.0%	99.9%
CBS Applications ²	99.9%	99.9%	99.9%	100%	99.9%	99.9%	99.9%
Internet ³	99.9%	100%	99.9%	100%	99.9%	99.9%	99.9%
Network ³	99.5%	99.9%	99.7%	99.7%	99.7%	99.7%	99.7%
Telephones ³	99.9%	100%	99.9%	99.9%	99.9%	99.9%	99.9%
Radio ⁴	99.9%	100%	99.9%	100%	99.9%	99.9%	99.9%
VPN ³	100%	100%	100%	100%	100%	100%	100%

*Not measured that year. 1. Surveys were not performed. 2. Supported by virtualization across multiple servers. 3. Supported by redundant paths, equipments, and uninterruptible power supply(UPS). 4. Supported by redundant equipment, UPS, and generator.

DEPT. 32 - INFORMATION TECHNOLOGY SERVICES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 824,303	\$ 826,985	\$ 933,807	\$ 1,035,875
1020	Overtime	3,302	4,517	6,000	6,000
	<i>Personnel Services Total</i>	<u>827,605</u>	<u>831,502</u>	<u>939,807</u>	<u>1,041,875</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	201,836	255,525	159,561	179,910
4060	FICA	62,033	62,589	71,895	79,703
4070	Employees' Insurance	220,821	215,083	227,279	233,040
4090	Vacation Pay Expense	3,165	3,056	-	-
4100	Sick Pay Expense	(9,188)	1,524	-	-
4110	Net OPEB Expense	1,932	2,004	2,004	2,068
4600	Workers' Compensation	14,773	1,649	1,044	1,058
4640	Unemployment Claims	-	3,025	-	-
	<i>Employee Benefits Total</i>	<u>495,372</u>	<u>544,455</u>	<u>461,783</u>	<u>495,779</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	20,154	-	-	-
2132	Maintenance Of Vehicles	3,627	2,923	3,680	3,680
2133	Maintenance Of Equipment	4,714	-	3,000	3,000
2139	Maintenance/Service Contracts	533,361	498,368	600,000	613,419
2140	Postage	113	45	500	500
2151	Printing	143	167	150	100
2166	Professional Fees - Other	14,166	10,032	-	10,000
2170	Training	30,727	36,679	38,000	48,875
2171	Travel	785	559	750	750
2172	Car Allowance	9,616	8,635	9,348	9,900
2190	Communications	12,517	15,110	13,200	13,300
2230	Employee Relations	892	700	900	900
2260	Memberships - Professional	535	443	450	450
	<i>Contractual Services Total</i>	<u>631,350</u>	<u>573,661</u>	<u>669,978</u>	<u>704,874</u>
<u>COMMODITIES</u>					
3311	Office Supplies	4,458	4,475	2,300	2,300
3313	Subscriptions	3,138	3,105	3,500	4,000
3316	Operating Supplies	259,393	280,005	464,555	443,788
3331	Vehicle Supplies	417	1,361	1,400	1,400
3340	Small Tools	286	337	750	750
	<i>Commodities Total</i>	<u>267,692</u>	<u>289,283</u>	<u>472,505</u>	<u>452,238</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	1,545	-	-	-
4610	Property & Liab./Ins. & Uninsur.	12,194	10,716	11,313	11,313
	<i>Fixed & Sundry Total</i>	<u>13,739</u>	<u>10,716</u>	<u>11,313</u>	<u>11,313</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	266,744	219,404	220,000	220,000
	<i>Miscellaneous Total</i>	<u>266,744</u>	<u>219,404</u>	<u>220,000</u>	<u>220,000</u>
Total		<u>\$ 2,502,502</u>	<u>\$ 2,469,021</u>	<u>\$ 2,775,386</u>	<u>\$ 2,926,079</u>

FACILITIES

DEPARTMENTAL CORE SERVICES

- Provide for the design and maintenance of FPUA's facilities in a cost effective manner
- Monitor exposures of all facilities and other physical properties owned by FPUA
- Record, monitor, and manage contracts, service agreements, and warranties associated with all facilities
- Provide for handling of FPUA mail and correspondence

DEPARTMENTAL ACCOMPLISHMENTS

- Continued with Energy Conservation Measures as an intricate part of space reconfiguration
- Installed L.E.D. lighting at 206 S. Sixth Street
- Replaced obsolete HVAC Systems at multiple sights with efficient units
- Installed security lights at 206 S. Sixth Street and 500 Boston Avenue

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Facilities work requests	250	531	250	453	225	400	300
Customer work requests	225	384	200	323	175	300	250
Homes participating in the weatherization program (WEOP)	15	20	25	19	30	31	30
Obsolete HVAC systems replaced	4	4	4	5	4	5	4

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Cycle time (days to complete work requests)	6.00	8.84	4.50	11.80	4.50	4.50	4.00
Average age of active work orders (days)	5.5	9.9	4.0	6.0	3.5	7.0	4.0
Facilities Operating GSF Index	19.0%	21.0%	17.5%	15.8 %	17.5%	15%	14%
Facilities Operating GUE Index	29%	28%	24%	20%	22%	19%	18%

DEPT. 35 - FACILITIES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 222,289	\$ 244,489	\$ 224,653	\$ 234,250
1020	Overtime	3,560	5,611	6,100	6,100
	<i>Personnel Services Total</i>	<u>225,849</u>	<u>250,100</u>	<u>230,753</u>	<u>240,350</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	52,199	70,827	41,351	43,527
4060	FICA	20,380	22,262	17,653	18,387
4070	Employees' Insurance	51,828	50,300	52,739	54,076
4090	Vacation Pay Expense	2,061	(4,093)	-	-
4100	Sick Pay Expense	2,708	4,586	-	-
4110	Net OPEB Expense	568	589	589	608
4600	Workers' Compensation	3,562	3,931	3,773	3,689
	<i>Employee Benefits Total</i>	<u>133,306</u>	<u>148,402</u>	<u>116,105</u>	<u>120,287</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	3,026	8,914	3,000	2,653
2131	Maintenance Of Buildings	51,205	28,495	54,024	55,645
2132	Maintenance Of Vehicles	1,881	642	2,100	2,000
2133	Maintenance Of Equipment	249	-	-	-
2139	Maintenance/Service Contracts	105,167	106,427	160,000	132,000
2140	Postage	7,826	2,962	10,000	13,796
2151	Printing	-	100	114	117
2164	Profess. Fees - Consulting/Eng.	200	-	-	-
2166	Professional Fees - Other	-	800	-	15,000
2170	Training	2,407	3,682	6,000	2,874
2171	Travel	142	1,482	1,150	212
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	3,768	4,566	4,000	4,000
2200	Utilities	80,154	83,649	83,800	90,100
2230	Employee Relations	103	333	100	100
2250	Community Relations	35,771	52,821	100,000	125,000
2260	Memberships - Professional	567	446	458	467
	<i>Contractual Services Total</i>	<u>297,626</u>	<u>300,479</u>	<u>429,906</u>	<u>449,124</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,516	2,263	2,393	2,441
3316	Operating Supplies	24,732	23,644	15,000	5,306
3331	Vehicle Supplies	3,679	3,190	5,000	5,000
3340	Small Tools	1,050	616	1,561	1,592
	<i>Commodities Total</i>	<u>31,977</u>	<u>29,713</u>	<u>23,954</u>	<u>14,339</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	150	150	-	424
4610	Property & Liab./Ins. & Uninsur.	4,044	3,617	4,084	4,084
	<i>Fixed & Sundry Total</i>	<u>4,194</u>	<u>3,767</u>	<u>4,084</u>	<u>4,508</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	20,839	20,782	21,000	21,000
	<i>Miscellaneous Total</i>	<u>20,839</u>	<u>20,782</u>	<u>21,000</u>	<u>21,000</u>
	Total	<u>\$ 713,791</u>	<u>\$ 753,243</u>	<u>\$ 825,802</u>	<u>\$ 849,608</u>

COMMUNITY RELATIONS

DEPARTMENTAL CORE SERVICES

- Serves as the focal point for activities related to maintaining and improving community and employee relations
- Develops and implements programs and services that benefit the community
- Primary liaison with media personnel
- Advises the Director of Utilities and Directors on potentially controversial matters and with the assistance of the Director of Utilities and Directors, interprets FPUA's position on such matters
- Actively participates in the community to promote a positive image for FPUA
- Performs specialized/technical work using desktop publishing software to effectively carry out public relations and internal communication duties

DEPARTMENTAL ACCOMPLISHMENTS

- Increased community outreach efforts to promote utility conservation
- Enhanced communication with employees and customers
- Participated in community beautification initiatives including Utility Box paintings
- Increased community board memberships and sponsorships
- Participated in Restoring the Village initiative

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Press releases	22	20	*	*	*	25	30
Customer newsletters	4	0	*	*	*	1	2
Ad placements	32	32	*	*	32	36	40
Community Outreach	25	35	25	35	35	36	36
Social media postings	60	60	*	*	75	180	220
FPUA sponsored events	5	3	*	*	3	5	6

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of employee participation in volunteer incentive program	14%	15%	11%	11%	12%	13%	15%
Lbs. food donated through employee food drives	1,575	1,244	1,300	1,017	1,300	2,100	2,500
% of employees contributing to United Way through payroll deduction	30%	31%	30%	32%	33%	31%	32%

*Community Relations combined with another department-no information available

DEPT. 41 - COMMUNITY RELATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
	<u>PERSONNEL SERVICES</u>				
1010	Salaries & Wages	\$ 28,299	\$ -	\$ 65,280	\$ 69,489
	<i>Personnel Services Total</i>	<u>28,299</u>	<u>-</u>	<u>65,280</u>	<u>69,489</u>
	<u>EMPLOYEE BENEFITS</u>				
4050	Retirement	4,295	-	11,698	12,584
4060	FICA	2,082	-	4,994	5,316
4070	Employees' Insurance	6,582	-	15,439	15,831
4110	Net OPEB Expense	205	-	118	122
4600	Workers' Compensation	55	-	63	62
	<i>Employee Benefits Total</i>	<u>13,219</u>	<u>-</u>	<u>32,312</u>	<u>33,915</u>
	<u>CONTRACTUAL SERVICES</u>				
2110	Advertising	12,858	-	16,120	21,120
2151	Printing	13,891	-	17,400	17,700
2166	Professional Fees - Other	-	-	1,000	2,000
2170	Training	1,538	-	1,500	1,500
2172	Car Allowance	1,540	-	3,025	3,300
2190	Communications	10,389	-	1,000	1,000
2230	Employee Relations	15,401	-	14,800	15,000
2240	Business Relations	1,422	-	2,000	2,000
2250	Community Relations	29,027	-	25,000	27,500
2260	Memberships - Professional	-	-	300	265
2262	Memberships - Civic	-	-	1,943	1,943
	<i>Contractual Services Total</i>	<u>86,066</u>	<u>-</u>	<u>84,088</u>	<u>93,328</u>
	<u>COMMODITIES</u>				
3311	Office Supplies	3,700	-	1,800	2,000
3313	Subscriptions	399	-	-	-
3316	Operating Supplies	1,573	-	1,100	1,200
	<i>Commodities Total</i>	<u>5,672</u>	<u>-</u>	<u>2,900</u>	<u>3,200</u>
	<u>FIXED & SUNDRY</u>				
4610	Property & Liab./Ins. & Uninsur.	631	-	559	559
	<i>Fixed & Sundry Total</i>	<u>631</u>	<u>-</u>	<u>559</u>	<u>559</u>
	Total	<u>\$ 133,887</u>	<u>\$ -</u>	<u>\$ 185,139</u>	<u>\$ 200,491</u>

CUSTOMER SERVICE

DEPARTMENTAL CORE SERVICES

- Serve as primary contact of internal and external FPUA customers
- Manage the monthly billing, service orders, call center, front line, cashiering processes, including off-site payment centers, and monitor workflow between departments and our customers to improve customer service

DEPARTMENTAL ACCOMPLISHMENTS

- Increased online payments on www.fpu.com and IVR payments by 127%
- Increased E-Billing by 100%
- Increased AutoPay accounts by 30%
- Decreased Lobby and Drive Thru traffic by 5%
- Text to Pay transactions almost tripled over the last year
- Worked with ITS to implement Cloud POS which allows FPUA to accept Deposits and transferred accounts that have not yet been billed through Invoice Cloud

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. bills generated monthly	33,000	33,031	32,000	33,143	30,000	33,500	33,800
E-Billing	1,405	1,647	2,000	3,204	2,300	3,858	4,000
Auto Pay	5,182	4,582	5,000	5,961	5,300	6,200	7,000
Budget Billing	143	146	150	151	160	180	200
Text to Pay	150	374	390	1,042	400	1,704	2,000
On-Line Payment	66,000	68,376	100,000	182,346	175,000	200,000	210,000
IVR	10,000	19,404	21,000	29,374	23,000	29,500	30,000
Lobby Walk in	55,030	54,726	52,000	52,860	49,913	51,046	53,000
Call center calls	85,000	84,091	84,000	59,321	81,000	61,000	62,500
Drive Thru	37,000	42,087	37,000	41,274	39,430	41,600	41,000
Full service Kiosks	1	0	1	1	1	2	2
Commercial customer visits	270	270	280	280	285	285	300
Rebates processed	130	145	150	113	155	200	250

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Billing errors caught after bill was mailed vs all bills	.06%	0.15%	0.50%	0.16%	0.50%	0.35%	0.50%
Billing errors caught before bill was mailed vs all bills	95.0%	99.22%	95.0%	99.47%	95.0%	99.50%	95.0%

DEPT. 43 - CUSTOMER SERVICE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 965,782	\$ 982,089	\$ 939,562	\$ 1,038,464
1020	Overtime	3,187	6,519	11,200	11,200
	<i>Personnel Services Total</i>	<u>968,969</u>	<u>988,608</u>	<u>950,762</u>	<u>1,049,664</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	214,055	278,634	149,785	172,245
4060	FICA	71,328	73,690	72,733	80,299
4070	Employees' Insurance	389,946	351,792	324,363	332,586
4090	Vacation Pay Expense	1,209	(3,348)	-	-
4100	Sick Pay Expense	5,448	(6,900)	-	-
4110	Net OPEB Expense	2,750	3,065	2,947	3,042
4600	Workers' Compensation	1,479	9,653	1,654	1,618
4640	Unemployment Claims	2,385	-	12	-
	<i>Employee Benefits Total</i>	<u>688,600</u>	<u>706,586</u>	<u>551,494</u>	<u>589,790</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	-	9,150	-	-
2122	Rentals	1,386	1,386	1,600	1,600
2132	Maintenance Of Vehicles	-	100	-	-
2133	Maintenance Of Equipment	541	490	2,000	3,000
2139	Maintenance/Service Contracts	21,934	22,766	25,000	25,000
2140	Postage	165,215	195,250	200,000	210,000
2151	Printing	38,759	48,613	50,000	50,000
2164	Profess. Fees - Consulting/Eng.	2,000	-	-	-
2165	Temporary Labor	-	812	14,306	-
2166	Professional Fees - Other	71,205	70,165	80,000	85,000
2170	Training	11,211	13,383	7,000	20,000
2171	Travel	24	65	200	200
2172	Car Allowance	7,773	9,900	8,525	9,900
2190	Communications	2,726	12,405	11,700	11,800
2230	Employee Relations	-	10,144	1,800	2,000
2240	Business Relations	111	661	-	-
2250	Community Relations	-	29,179	1,300	-
2260	Memberships - Professional	355	-	1,000	1,000
2262	Memberships - Civic	-	775	700	800
2290	Billing Housing Authority	9,422	6,765	6,000	6,000
	<i>Contractual Services Total</i>	<u>332,662</u>	<u>432,009</u>	<u>411,131</u>	<u>426,300</u>
<u>COMMODITIES</u>					
3311	Office Supplies	9,577	13,316	18,000	18,000
3313	Subscriptions	15	159	120	200
3316	Operating Supplies	5,428	7,124	9,000	9,000
3331	Vehicle Supplies	-	60	-	-
	<i>Commodities Total</i>	<u>15,020</u>	<u>20,659</u>	<u>27,120</u>	<u>27,200</u>
<u>FIXED & SUNDRY</u>					
4020	Cash (Over) Short	180	216	-	-
4610	Property & Liab./Ins. & Uninsur.	13,333	12,430	11,980	11,980
	<i>Fixed & Sundry Total</i>	<u>13,513</u>	<u>12,646</u>	<u>11,980</u>	<u>11,980</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	28,618	28,329	49,000	49,000
	<i>Miscellaneous Total</i>	<u>28,618</u>	<u>28,329</u>	<u>49,000</u>	<u>49,000</u>
Total		<u>\$ 2,047,382</u>	<u>\$ 2,188,837</u>	<u>\$ 2,001,487</u>	<u>\$ 2,153,934</u>

DIRECTOR OF ELECTRIC & GAS SYSTEMS

DEPARTMENTAL CORE SERVICES

- Provide planning and direction for the following departments:
 - ◆ Treasure Coast Energy Center – Department 02
 - ◆ Power Generation – Department 52
 - ◆ Electric Purchases for Resale – Department 53
 - ◆ Electric Transmission & Distribution – Department 54
 - ◆ Electric Operations – Department 55
 - ◆ Electric & Gas Engineering – Department 56
 - ◆ Gas Operations – Department 74
 - ◆ Gas Purchases for Resale – Department 75

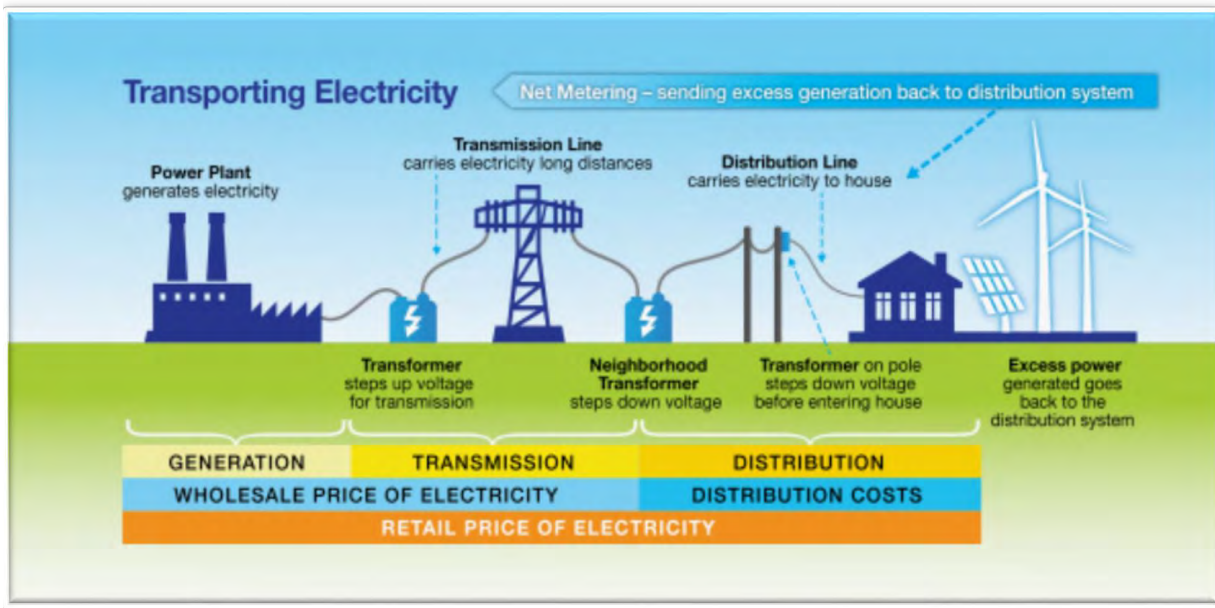
	<p>CONSERVE ENERGY PROTECT THE ENVIRONMENT</p>
<p>Think. Act. Save.</p>	<p>Switch off electrical appliance after use and avoid unnecessary use of electricity</p>
	<p>✓ Best Practice</p>
<p>Just like family Your natural gas appliances worked hard all winter. This spring, show them how much you care. Take advantage of our rebates to keep them happy and healthy.</p> <p>Have your water heater serviced. Upgrade to high-efficiency models.</p> <p>Learn more at www.FPUA.com</p> 	

DEPT. 51 - DIRECTOR OF ELECTRIC & GAS SYSTEMS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 148,231	\$ 152,423	\$ 143,746	\$ 149,928
	<i>Personnel Services Total</i>	<u>148,231</u>	<u>152,423</u>	<u>143,746</u>	<u>149,928</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	34,304	47,083	25,759	27,152
4060	FICA	9,831	10,305	10,997	11,469
4070	Employees' Insurance	20,343	18,815	20,549	21,069
4090	Vacation Pay Expense	1,876	2,155	-	-
4100	Sick Pay Expense	-	18,401	-	-
4110	Net OPEB Expense	114	118	118	122
4600	Workers' Compensation	230	252	313	307
	<i>Employee Benefits Total</i>	<u>66,698</u>	<u>97,129</u>	<u>57,736</u>	<u>60,119</u>
<u>CONTRACTUAL SERVICES</u>					
2164	Profess. Fees - Consulting/Eng.	8,849	6,265	30,000	30,000
2170	Training	4,188	3,581	5,500	6,000
2171	Travel	455	640	950	950
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	1,050	1,031	1,100	1,100
2230	Employee Relations	219	6,618	3,500	3,500
2240	Business Relations	30	-	100	100
2250	Community Relations	-	224	45	-
2260	Memberships - Professional	38,098	39,474	40,000	40,000
2262	Memberships - Civic	240	1,475	850	850
	<i>Contractual Services Total</i>	<u>58,289</u>	<u>64,468</u>	<u>87,205</u>	<u>87,660</u>
<u>COMMODITIES</u>					
3311	Office Supplies	-	1,603	600	600
3313	Subscriptions	100	-	300	300
	<i>Commodities Total</i>	<u>100</u>	<u>1,603</u>	<u>900</u>	<u>900</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	-	-	212
4610	Property & Liab./Ins. & Uninsur.	1,181	1,148	1,081	1,081
	<i>Fixed & Sundry Total</i>	<u>1,181</u>	<u>1,148</u>	<u>1,081</u>	<u>1,293</u>
Total		<u>\$ 274,499</u>	<u>\$ 316,771</u>	<u>\$ 290,668</u>	<u>\$ 299,900</u>

DEPT. 52 - POWER GENERATION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
	<u>MISCELLANEOUS</u>				
9050	Extraordinary Expense	\$ 9,232	\$ 1,886	\$ 1,900	\$ 1,900
	<i>Miscellaneous Total</i>	9,232	1,886	1,900	1,900
Total		<u>\$ 9,232</u>	<u>\$ 1,886</u>	<u>\$ 1,900</u>	<u>\$ 1,900</u>



DEPT. 53 - ELECTRIC PURCHASES FOR RESALE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
	<u>PURCHASES FOR RESALE</u>				
3360	Purchases For Resale	\$ 42,178,674	\$ 43,689,344	\$ 48,000,000	\$ 47,000,000
	<i>Miscellaneous Total</i>	42,178,674	43,689,344	48,000,000	47,000,000
	Total	<u>\$ 42,178,674</u>	<u>\$ 43,689,344</u>	<u>\$ 48,000,000</u>	<u>\$ 47,000,000</u>



ELECTRIC TRANSMISSION & DISTRIBUTION

DEPARTMENTAL CORE SERVICES

- Responsible for the construction, and maintenance of the transmission and distribution electrical system, including substations, in order to provide safe, cost-effective and reliable service
- Collaborate with Electric Engineering department to identify needed system extensions and upgrades
- Work closely with Electric Operations to resolve power outages and other electrical problems

DEPARTMENTAL ACCOMPLISHMENTS

- Restored Power after Hurricane Irma within a week
- Inspected one-third of our transmission lines
- Implemented new safety procedures
- Implemented new procedures for storm restorations
- Awarded FMEA's Restoring the Community Award for Hurricane Irma Restoration

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Miles of T & D lines maintained	440	430	428	400	428	430	440

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of energy loss	≤ 5.0%	4.62%	≤ 5.0%	2.71%	≤ 5.0%	≤3.0%	≤5.0%
System Average Interruption Duration (SAIDI)	<30.0	50.4	<50.0	57.8	<50.0	56	<50
Customer Average Interruption Duration (CAIDI)	<60.0	79.6	<60.0	51.8	<60.0	52	<50
System Average Interruption Frequency (SAIFI)	< 0.50	.63	<0.50	1.12*	<0.60	.63	<.50
Momentary Average Interruption event Frequency Index (MAIFI)	< 7.0	6.99	<7.0	7.19	<6.5	<6.2	<7.0
L-Bar	< 70.0	76.6	<70.0	81.1	<70.0	74	<70
Safety Frequency Rate	≤ 5.0	8.39	≤ 5.0	13.09	≤ 5.0	8.0	8.0
Safety DART Rate	≤ 50	197.25	≤ 50	239.36	≤ 50	175.0	175.0

*Higher due to Hurricane Irma

DEPT. 54 - ELECTRIC TRANSMISSION & DISTRIBUTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,590,226	\$ 1,498,603	\$ 1,731,792	\$ 1,945,532
1020	Overtime	153,328	138,124	171,000	171,000
	<i>Personnel Services Total</i>	<u>1,743,554</u>	<u>1,636,727</u>	<u>1,902,792</u>	<u>2,116,532</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	366,707	515,484	337,051	383,304
4060	FICA	128,298	132,687	145,564	161,915
4070	Employees' Insurance	301,942	268,937	315,339	323,334
4090	Vacation Pay Expense	2,461	(10,200)	-	-
4100	Sick Pay Expense	22,626	23,974	-	-
4110	Net OPEB Expense	2,614	2,711	2,711	2,798
4600	Workers' Compensation	46,294	38,276	59,395	44,159
	<i>Employee Benefits Total</i>	<u>870,942</u>	<u>971,869</u>	<u>860,060</u>	<u>915,510</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	-	4,723	15,000	20,000
2132	Maintenance Of Vehicles	29,040	16,516	31,218	21,855
2133	Maintenance Of Equipment	5,898	22,121	18,000	20,000
2139	Maintenance/Service Contracts	434,615	398,402	619,675	663,913
2140	Postage	418	561	500	600
2151	Printing	1,177	20	555	566
2164	Profess. Fees - Consulting/Eng.	-	-	1,200	-
2166	Professional Fees - Other	3,614	16,976	20,000	20,000
2170	Training	28,776	50,993	41,687	48,000
2171	Travel	286	-	1,072	1,000
2190	Communications	8,769	8,866	8,000	8,100
2200	Utilities	84,644	101,600	101,100	108,700
2230	Employee Relations	970	2,252	3,500	3,500
2260	Memberships - Professional	135	-	500	500
	<i>Contractual Services Total</i>	<u>598,342</u>	<u>623,030</u>	<u>862,007</u>	<u>916,734</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,204	2,266	2,458	2,508
3313	Subscriptions	53	200	318	325
3316	Operating Supplies	227,290	202,893	257,700	285,000
3331	Vehicle Supplies	50,011	45,635	80,000	80,000
3340	Small Tools	18,246	19,385	20,000	25,500
	<i>Commodities Total</i>	<u>296,804</u>	<u>270,379</u>	<u>360,476</u>	<u>393,333</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	83	-	317
4610	Property & Liab./Ins. & Uninsur.	128,966	175,918	114,739	114,739
9005	Duplicate Charges	(51,259)	(51,768)	(52,000)	(51,000)
	<i>Fixed & Sundry Total</i>	<u>77,707</u>	<u>124,233</u>	<u>62,739</u>	<u>64,056</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	4,244,213	4,150,444	4,209,000	4,253,000
	<i>Miscellaneous Total</i>	<u>4,244,213</u>	<u>4,150,444</u>	<u>4,209,000</u>	<u>4,253,000</u>
	Total	<u>\$ 7,831,562</u>	<u>\$ 7,776,682</u>	<u>\$ 8,257,074</u>	<u>\$ 8,659,165</u>

ELECTRIC OPERATIONS

DEPARTMENTAL CORE SERVICES

- Collaborate with Electric Engineering department to identify needed system extensions and upgrades
- Responsible for all aspects of electric revenue metering activities in the field, including connects and disconnects, meter reads and ensuring the accuracy of FPUA meters through continuous testing
- Responsible for reading electric, gas, and water meters and investigating the theft of service reports in a timely manner
- Responsible for the 24/7 System Operation and Service Restoration of the Transmission and Distribution electrical service to FPUA customers
- Responsible for compliance with state (FRCC) and federal (NERC) regulatory rules and standards for operating FPUA's electrical system
- Installation of Automated Meter Infrastructure (AMI) system-wide for Electric, Gas, and Water departments over the next five years as outline in strategic planning

DEPARTMENTAL ACCOMPLISHMENTS

- Fully Implemented, tested and deployed Responder Outage Management System (OMS). Have reduced the number of truck rolls based on OMS system analyses
- Successfully worked with GIS Manager on the implementation and testing of the new Customer Services Operations Dashboard in order to supply more accurate and timely customer outage information enhancing the FPUA customer experience
- Used Responder (OMS) to enhance customer restoration times system-wide. OMS allowed greater feedback to FPUA customers as the system was able to model all outages in real time and provide (ETR) estimated time of restoration to customers
- Ensured compliance with state (FRCC) and federal (NERC) reliability and regulatory rules and standards for operating FPUA's electrical system
- Successfully used Outage Management System during Hurricane Irma and demonstrated how effective the system worked under real-time storm restoration
- Faster service restoration through real-time system modeling and analysis of customer accounts
-

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. # of services billed	28,200	28,299	28,300	28,287	28,450	28,500	29,000
Trouble calls processed through Dispatch	*	2,227	<3,500	3,166	<3,500	3,200	<3,500
Meters read	*	669,236	>661,200	609,580	>665,000	655,000	>665,000
Avg. # of discos/recon per mth	*	463	>430	498	>450	500	>450

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of energy loss	≤ 5.0%	4.62%	≤ 5.0%	2.71	≤ 5.0%	≤ 3.0%	≤ 5.0%
SAIDI	<30.0	50.4	<50.0	57.8	< 50	56	< 50
CAIDI	<60.0	79.6	<60.0	51.8	<60	52	< 50
SAIFI	< 0.50	.63	<0.50	1.12 **	< .60	.63	< 0.50
MAIFI**	< 7.0	6.99	<7.0	7.19	<7.0	<6.2	<7.0
L-Bar	< 70.0	76.6	<70.0	81.1	<70	74	<70
O&M cost/services billed±	≤\$35.00	\$27.27	\$28.68	\$27.56	\$31.04	\$25.17	≤\$26.47

*Not measured in prior years

** Higher due to Hurricane Irma

±O&M costs per services billed are calculated using both Electric T & D and Electric Operations

DEPT. 55 - ELECTRIC OPERATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 936,389	\$ 930,593	\$ 921,368	\$ 1,006,011
1020	Overtime	90,921	83,022	82,000	82,000
	<i>Personnel Services Total</i>	<u>1,027,310</u>	<u>1,013,615</u>	<u>1,003,368</u>	<u>1,088,011</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	243,311	356,464	151,837	168,620
4060	FICA	91,072	94,429	76,758	83,233
4070	Employees' Insurance	315,145	304,013	319,663	327,767
4090	Vacation Pay Expense	1,254	2,719	-	-
4100	Sick Pay Expense	3,386	32,532	-	-
4110	Net OPEB Expense	2,726	2,829	2,829	2,920
4600	Workers' Compensation	27,881	18,483	20,567	20,003
4640	Unemployment Claims	1,533	-	-	-
	<i>Employee Benefits Total</i>	<u>686,308</u>	<u>811,469</u>	<u>571,654</u>	<u>602,543</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	-	2,074	5,000	5,000
2132	Maintenance Of Vehicles	10,323	3,261	5,500	5,000
2133	Maintenance Of Equipment	4,247	2,123	3,000	4,700
2139	Maintenance/Service Contracts	393	512	1,000	1,000
2140	Postage	15	4	100	108
2151	Printing	866	436	900	500
2170	Training	15,889	34,561	34,000	34,000
2172	Car Allowance	8,460	8,460	8,708	8,460
2190	Communications	9,636	10,101	10,300	10,400
2230	Employee Relations	889	929	600	600
2240	Business Relations	122	21	100	100
2260	Memberships - Professional	50	50	150	150
	<i>Contractual Services Total</i>	<u>50,890</u>	<u>62,532</u>	<u>69,358</u>	<u>70,018</u>
<u>COMMODITIES</u>					
3311	Office Supplies	7,307	2,790	2,000	2,000
3316	Operating Supplies	41,527	32,460	45,000	45,000
3331	Vehicle Supplies	35,953	39,146	40,000	40,000
3340	Small Tools	1,176	1,185	2,000	2,000
	<i>Commodities Total</i>	<u>85,963</u>	<u>75,581</u>	<u>89,000</u>	<u>89,000</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	625	968	1,000	853
4610	Property & Liab./Ins. & Uninsur.	17,114	15,699	16,176	16,176
	<i>Fixed & Sundry Total</i>	<u>17,739</u>	<u>16,667</u>	<u>17,176</u>	<u>17,029</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	14,638	12,475	59,000	63,000
	<i>Miscellaneous Total</i>	<u>14,638</u>	<u>12,475</u>	<u>59,000</u>	<u>63,000</u>
	Total	<u>\$ 1,882,848</u>	<u>\$ 1,992,339</u>	<u>\$ 1,809,556</u>	<u>\$ 1,929,601</u>

ELECTRIC & GAS ENGINEERING

DEPARTMENTAL CORE SERVICES

- Responsible for planning, engineering, permitting, and construction management associated with expansions, repairs and upgrades of the electric and gas systems
- Responsible for strategic plan to forecast future growth and/or changes to systems as technology, laws and regulations are enforced
- Work with customers and developers to encourage viable growth, both commercial and residential, within FPUA service area
- Complete all phases of the Geographical Information Systems (GIS) in order to achieve full functionality

DEPARTMENTAL ACCOMPLISHMENTS

- Analysis of Circuit Performance
- Completion of OMS Switching Order Implementation
- Completion of Selection of LED Rental Light Offerings
- Awarded the 2018 RP3 Award (APPA's Reliable Public Power Provider Award)

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Designs completed	138	116	150	133	140	138	160
Construction projects managed	123	96	120	119	120	184	120

DEPT. 56 - ELECTRIC & GAS ENGINEERING

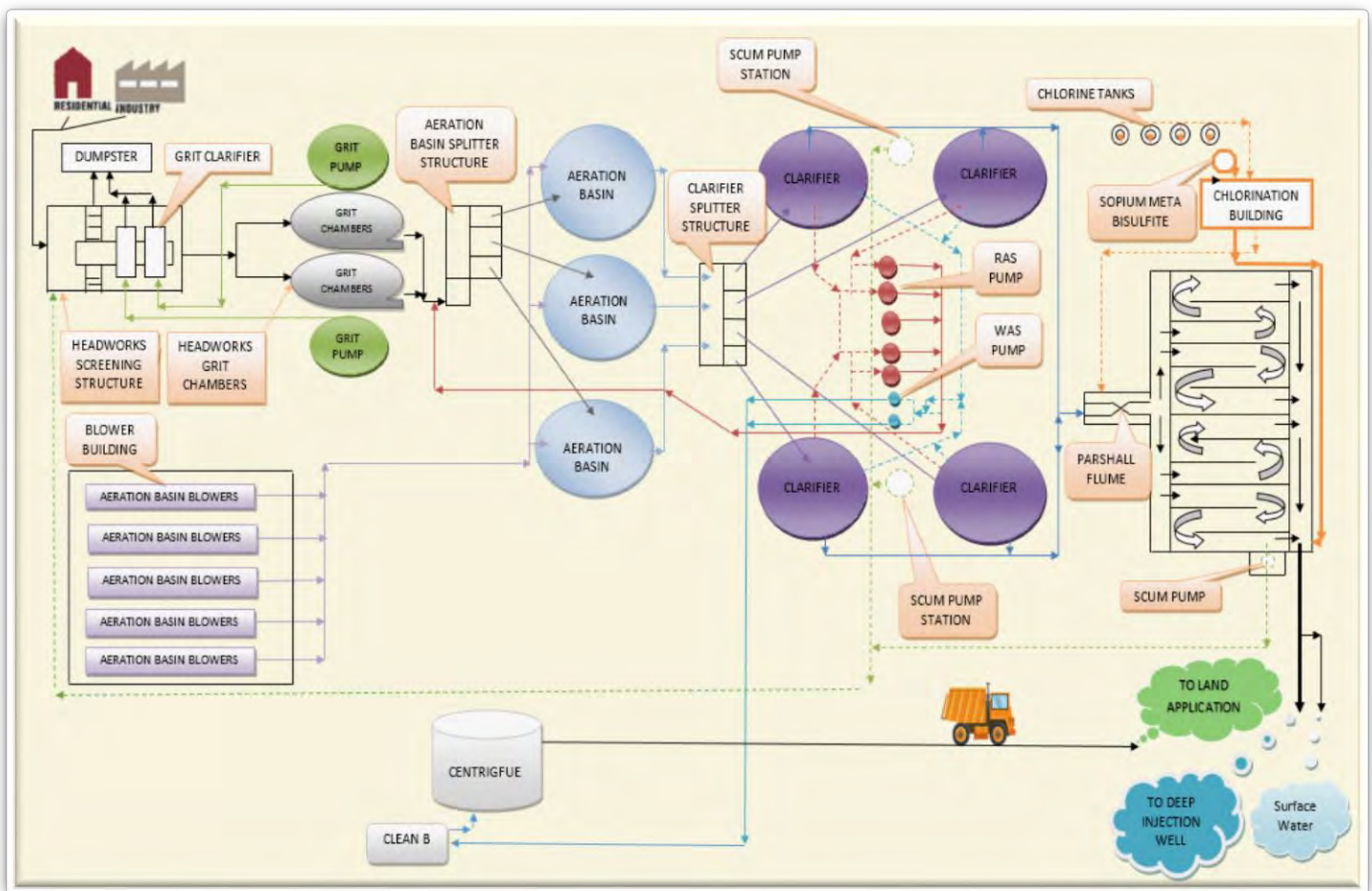
OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 582,443	\$ 590,614	\$ 574,308	\$ 832,051
	<i>Personnel Services Total</i>	<u>582,443</u>	<u>590,614</u>	<u>574,308</u>	<u>832,051</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	150,157	194,456	100,211	141,548
4060	FICA	44,315	46,514	43,935	63,652
4070	Employees' Insurance	145,584	128,058	132,173	135,524
4090	Vacation Pay Expense	2,307	3,999	-	-
4100	Sick Pay Expense	4,573	(17,897)	-	-
4110	Net OPEB Expense	1,023	1,061	1,061	1,095
4600	Workers' Compensation	2,339	3,963	3,413	3,337
	<i>Employee Benefits Total</i>	<u>350,298</u>	<u>360,154</u>	<u>280,793</u>	<u>345,156</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	530	-	1,000	1,000
2139	Maintenance/Service Contracts	377	484	500	500
2140	Postage	69	-	50	50
2151	Printing	-	20	100	100
2164	Profess. Fees - Consulting/Eng.	29,213	54,079	25,000	30,000
2170	Training	29,405	11,242	25,000	39,400
2171	Travel	-	-	600	-
2172	Car Allowance	13,620	13,620	13,000	13,000
2190	Communications	5,012	4,952	4,800	4,800
2230	Employee Relations	98	1,148	600	600
2240	Business Relations	230	139	100	-
2260	Memberships - Professional	1,701	1,251	1,200	1,200
	<i>Contractual Services Total</i>	<u>80,255</u>	<u>86,935</u>	<u>71,950</u>	<u>90,650</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,626	9,320	5,000	10,000
3313	Subscriptions	419	-	100	531
3316	Operating Supplies	1,372	9,294	4,500	5,000
3331	Vehicle Supplies	3,832	881	4,000	4,000
	<i>Commodities Total</i>	<u>8,249</u>	<u>19,495</u>	<u>13,600</u>	<u>19,531</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	198	-	600
4610	Property & Liab./Ins. & Uninsur.	7,348	7,054	6,669	6,669
	<i>Fixed & Sundry Total</i>	<u>7,348</u>	<u>7,252</u>	<u>6,669</u>	<u>7,269</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	14,254	13,367	13,000	20,000
	<i>Miscellaneous Total</i>	<u>14,254</u>	<u>13,367</u>	<u>13,000</u>	<u>20,000</u>
	Total	<u>\$ 1,042,847</u>	<u>\$ 1,077,817</u>	<u>\$ 960,320</u>	<u>\$ 1,314,657</u>

DIRECTOR OF WATER/WASTEWATER SYSTEMS

DEPARTMENTAL CORE SERVICES

- Provides planning and direction for the following departments:
 - ◆ Water Resources – Department 62
 - ◆ Water Distribution – Department 64
 - ◆ Water/Wastewater Engineering – Department 66
 - ◆ Water Reclamation – Department 82
 - ◆ Wastewater Collection – Department 84

Illustration of Water Reclamation Process



DEPT. 61 - DIRECTOR OF WATER/WASTEWATER SYSTEMS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 109,518	\$ 92,442	\$ 118,477	\$ 123,689
	<i>Personnel Services Total</i>	<u>109,518</u>	<u>92,442</u>	<u>118,477</u>	<u>123,689</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	5,418	36,619	21,231	22,400
4060	FICA	9,260	8,792	9,063	9,462
4070	Employees' Insurance	15,784	15,654	15,904	16,307
4090	Vacation Pay Expense	5,706	(1,970)	-	-
4100	Sick Pay Expense	23,734	(18,330)	-	-
4110	Net OPEB Expense	114	118	118	122
4600	Workers' Compensation	55	60	63	62
	<i>Employee Benefits Total</i>	<u>60,071</u>	<u>40,943</u>	<u>46,379</u>	<u>48,353</u>
<u>CONTRACTUAL SERVICES</u>					
2133	Maintenance Of Equipment	376	-	-	-
2151	Printing	-	20	-	-
2164	Profess. Fees - Consulting/Eng.	1,000	29,585	2,500	26,000
2166	Professional Fees - Other	-	170	-	-
2170	Training	-	-	2,000	2,500
2171	Travel	-	527	500	531
2172	Car Allowance	4,515	5,160	5,160	5,160
2190	Communications	692	620	800	800
2240	Business Relations	-	29	-	-
2260	Memberships - Professional	1,846	1,018	1,500	1,500
	<i>Contractual Services Total</i>	<u>8,429</u>	<u>37,129</u>	<u>12,460</u>	<u>36,491</u>
<u>COMMODITIES</u>					
3311	Office Supplies	343	443	1,000	1,061
3313	Subscriptions	299	58	250	265
	<i>Commodities Total</i>	<u>642</u>	<u>501</u>	<u>1,250</u>	<u>1,326</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	1,021	999	931	931
	<i>Fixed & Sundry Total</i>	<u>1,021</u>	<u>999</u>	<u>931</u>	<u>931</u>
Total		<u>\$ 179,681</u>	<u>\$ 172,014</u>	<u>\$ 179,497</u>	<u>\$ 210,790</u>

WATER RESOURCES

DEPARTMENTAL CORE SERVICES

- Ensure that the quality of finished water production from the combined flow of the Water Treatment Plant (WTP) meets all Federal and State drinking water requirements while maintaining cost effective operations
- Operations and maintenance of FPUA well fields, the WTP and remote Repump/Storage facilities
- Ensure adequate system pressure and water storage for Fire Protection
- Oversight of the EPA's mandated Bacteriological Monitoring Program for FPUA's water distribution system

DEPARTMENTAL ACCOMPLISHMENTS

- Completed Lime Plant Programmable Logic Controllers Conversion from PLC-5 to Control Logix, increasing the reliability of the Lime Softening SCADA System
- Completed installation of Unit 1 Lime Softening Tank access hatch, increasing the opportunity for a safe egress of the tank in an emergency
- Continued optimizing the water treatment equipment, reducing chemical usage an additional 3%.

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Monthly samples collected for testing	60	60	60	60	60	60	60
Surficial wells maintained	32	28	32	29	30	31	30
Floridan wells maintained	11	11	11	11	11	11	11

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Days meeting quality standards	366	365	365	365	365	365	365
% of Surficial wells in service	100%	88%	100%	91%	100%	97%	100%
% of Floridan wells in service	100%	100%	100%	100%	100%	100%	100%
Safety Frequency Rate	0.0	0.0	0.0	3.9	0.0	0.0	0.0
Safety DART Rate	0	0	0	17.86	0	0	0

DEPT. 62 - WATER RESOURCES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,109,707	\$ 1,136,004	\$ 1,214,842	\$ 1,308,410
1020	Overtime	97,003	109,355	114,200	110,000
	<i>Personnel Services Total</i>	<u>1,206,710</u>	<u>1,245,359</u>	<u>1,329,042</u>	<u>1,418,410</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	272,874	326,038	214,827	238,557
4060	FICA	89,635	94,978	101,672	108,508
4070	Employees' Insurance	285,955	274,657	294,308	301,770
4090	Vacation Pay Expense	(9,792)	6,305	-	-
4100	Sick Pay Expense	15,298	29,567	-	-
4110	Net OPEB Expense	2,727	2,829	2,829	2,920
4600	Workers' Compensation	22,834	24,711	24,318	23,646
	<i>Employee Benefits Total</i>	<u>679,531</u>	<u>759,085</u>	<u>637,954</u>	<u>675,401</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	3,525	1,241	3,641	3,714
2131	Maintenance Of Buildings	-	594	-	-
2132	Maintenance Of Vehicles	11,144	16,076	15,000	13,000
2133	Maintenance Of Equipment	39,819	20,195	50,000	50,000
2139	Maintenance/Service Contracts	211,328	224,705	276,834	334,109
2140	Postage	303	126	424	430
2151	Printing	2,781	2,907	2,872	2,929
2164	Profess. Fees - Consulting/Eng.	9,263	76,600	40,000	40,000
2166	Professional Fees - Other	11,909	17,752	22,973	23,433
2170	Training	8,071	9,987	15,000	15,000
2171	Travel	158	-	-	-
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	13,520	11,616	9,400	9,500
2200	Utilities	827,061	926,999	991,600	1,066,900
2230	Employee Relations	414	973	800	800
2240	Business Relations	-	-	100	-
2260	Memberships - Professional	448	434	800	800
2262	Memberships - Civic	-	-	645	645
	<i>Contractual Services Total</i>	<u>1,144,904</u>	<u>1,315,365</u>	<u>1,435,249</u>	<u>1,566,420</u>
<u>COMMODITIES</u>					
3311	Office Supplies	3,866	5,893	5,410	5,500
3313	Subscriptions	258	272	325	331
3316	Operating Supplies	303,148	288,648	310,000	310,000
3320	Chemicals	703,079	690,896	910,000	1,040,000
3331	Vehicle Supplies	23,255	25,967	30,000	34,000
3340	Small Tools	4,671	3,715	10,000	5,306
3360	Purchases For Resale	277	2,387	3,446	3,515
	<i>Commodities Total</i>	<u>1,038,554</u>	<u>1,017,778</u>	<u>1,269,181</u>	<u>1,398,652</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	3,498	4,517	350	9,959
4610	Property & Liab./Ins. & Uninsur.	114,540	103,564	112,837	112,837
	<i>Fixed & Sundry Total</i>	<u>118,038</u>	<u>108,081</u>	<u>113,187</u>	<u>122,796</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,889,101	1,824,582	2,237,000	2,416,000
	<i>Miscellaneous Total</i>	<u>1,889,101</u>	<u>1,824,582</u>	<u>2,237,000</u>	<u>2,416,000</u>
	Total	<u>\$ 6,076,838</u>	<u>\$ 6,270,250</u>	<u>\$ 7,021,613</u>	<u>\$ 7,597,679</u>

WATER DISTRIBUTION

DEPARTMENTAL CORE SERVICES

- Provide reliable, high-quality water for drinking, irrigation, and fire protection
- Accurately locate all of FPUA's underground utilities and the City of Fort Pierce Traffic Control Loop System
- Install, maintain, test, repair or replace water meters for residential and commercial applications, as well as cross-connection devices
- Upgrade water meters and backflow preventers

DEPARTMENTAL ACCOMPLISHMENTS

- Trained eleven employees for their DEP Level 3 or 1 certification/re-certification
- Replaced three large meters to ensure accurate reporting on water consumption

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of backflows prevention devices tested	100%	91%	100%	100%	100%	100%	100%
% of distribution control valves inspected	10.0%	1.6%	10.0%	2.8%	10.0%	8.4%	10.0%
% of hydrants inspected	50.0%	22.8%	50.0%	10.3%	50.0%	20.5%	50%
% of meters changed out 20 years or older	10.0%	6.3%	10.0%	5.6%	10.0%	5.1%	10%
Avg. # of monthly service calls	500	587	500	619	500	547	500
Avg. # of services billed	20,100	20,079	20,500	20,221	20,500	20,350	20,500

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of water loss	< 10.0%	3.85%	< 5.0%	3.79%	< 5.0%	7.71%	<5%
# of water quality trouble calls	<50	81	<50	88	<50	80	<50

DEPT. 64 - WATER DISTRIBUTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,180,393	\$ 1,194,508	\$ 1,258,165	\$ 1,292,772
1020	Overtime	42,010	42,797	71,400	71,400
	<i>Personnel Services Total</i>	<u>1,222,403</u>	<u>1,237,305</u>	<u>1,329,565</u>	<u>1,364,172</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	285,240	373,184	210,348	228,418
4060	FICA	93,166	95,516	101,712	104,359
4070	Employees' Insurance	387,469	365,550	397,742	407,826
4090	Vacation Pay Expense	(572)	415	-	-
4100	Sick Pay Expense	(6,710)	(1,774)	-	-
4110	Net OPEB Expense	3,182	3,298	3,298	3,407
4600	Workers' Compensation	25,053	42,318	28,928	30,226
4640	Unemployment Claims	1,052	841	-	-
	<i>Employee Benefits Total</i>	<u>787,880</u>	<u>879,348</u>	<u>742,028</u>	<u>774,236</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	-	-	123	125
2122	Rentals	427	350	1,126	1,148
2132	Maintenance Of Vehicles	18,160	23,252	30,000	30,000
2133	Maintenance Of Equipment	10,246	4,204	14,806	15,250
2139	Maintenance/Service Contracts	109,515	233,218	275,000	275,000
2140	Postage	28	50	48	49
2151	Printing	446	40	1,624	1,657
2166	Professional Fees - Other	3,576	10,467	7,884	8,042
2170	Training	17,854	12,445	16,936	17,274
2171	Travel	-	333	243	248
2190	Communications	13,075	13,840	14,600	14,700
2200	Utilities	22,400	23,492	24,400	26,300
2230	Employee Relations	866	1,216	500	500
2260	Memberships - Professional	398	404	507	517
	<i>Contractual Services Total</i>	<u>196,991</u>	<u>323,311</u>	<u>387,797</u>	<u>390,810</u>
<u>COMMODITIES</u>					
3311	Office Supplies	5,575	9,201	5,631	5,743
3313	Subscriptions	-	-	112	115
3316	Operating Supplies	142,028	161,747	187,272	191,017
3331	Vehicle Supplies	77,222	79,305	97,526	99,477
3340	Small Tools	42,819	32,961	54,640	40,000
	<i>Commodities Total</i>	<u>267,644</u>	<u>283,214</u>	<u>345,181</u>	<u>336,352</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	5,694	5,777	7,500	7,500
4610	Property & Liab./Ins. & Uninsur.	28,488	77,229	51,850	22,831
	<i>Fixed & Sundry Total</i>	<u>34,182</u>	<u>83,006</u>	<u>59,350</u>	<u>30,331</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	2,422,651	2,459,516	2,537,000	2,580,000
	<i>Miscellaneous Total</i>	<u>2,422,651</u>	<u>2,459,516</u>	<u>2,537,000</u>	<u>2,580,000</u>
Total		<u>\$ 4,931,751</u>	<u>\$ 5,265,700</u>	<u>\$ 5,400,921</u>	<u>\$ 5,475,901</u>

WATER/WASTEWATER ENGINEERING

DEPARTMENTAL CORE SERVICES

- Responsible for planning, engineering, permitting, and construction management associated with expansions, repairs and upgrades of the Water Reclamation Facility, Water Treatment Plant, Water Distribution System, and Wastewater Collection System
- Prepare strategic plan to forecast future growth and/or changes to systems as technology, laws and regulations are modified
- Work with customers and developers to encourage viable growth, both commercial and residential, within the FPUA service area
- Coordinate work with other government and utility agencies to ensure cost effective designs and construction
- Ensure water supply/treatment capacities and wastewater collection/treatment capacities are adequate to support future growth
- Provide engineering support to other water and wastewater departments
- Continue to improve accuracy of information in GIS and internal website

DEPARTMENTAL ACCOMPLISHMENTS

- Managed the design and provided construction management of the Water Treatment Plant 36-inch Master Meter Replacement, Bulk Chemical Tanks and Containment, Gravity Thickener Mechanism Rehabilitation and Wastewater Treatment Plant Clarifiers #1 - 4 Rehabilitation. These projects increased our water and wastewater treatment capabilities and reliability
- Designed and provided construction management of the South Hutchinson Island 12-inch water main project that added 384 new water customers
- Designed and provided construction management of the Sunrise Water Main Replacement and Sewer Lateral Replacement project to replace deteriorated water and wastewater infrastructure and reduce inflow and infiltration in the gravity sewer system
- Designed and provided construction management of the Fra Mar MSBU water main project to provide water to seventy individual customers
- Designed, permitted, bid and managed the construction of the Lift Station #23 Relocation project

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Designs completed	20	29	24	18	24	16	20
Site plans/permits reviewed	135	126	150	125	100	140	125
Projects managed	48	53	48	65	60	80	80
Entities added to GIS	750	786	800	852	800	518	800
Water main replaced (ft)	8,000	2,891	8,000	8,537	8,000	3,000	8,000
Sewer VCP Main replaced (ft)	8,000	317	8,000	2,465	2,500	1,000	2,500
% of infrastructure verified	75.0%	79.2%	76.0%	79.5%	81.0%	79.7%	79.9%

DEPT. 66 - WATER/WASTEWATER ENGINEERING

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 637,660	\$ 638,185	\$ 626,209	\$ 766,512
1020	Overtime	-	428	1,600	1,600
	<i>Personnel Services Total</i>	<u>637,660</u>	<u>638,613</u>	<u>627,809</u>	<u>768,112</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	156,161	193,791	112,503	139,105
4060	FICA	46,547	46,175	48,027	58,761
4070	Employees' Insurance	145,603	136,883	148,394	152,156
4090	Vacation Pay Expense	(6,579)	6,672	-	-
4100	Sick Pay Expense	(11,550)	8,484	-	-
4110	Net OPEB Expense	1,250	1,297	1,297	1,338
4600	Workers' Compensation	7,210	5,125	4,642	4,538
	<i>Employee Benefits Total</i>	<u>338,642</u>	<u>398,427</u>	<u>314,863</u>	<u>355,898</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	277	73	1,600	3,289
2133	Maintenance Of Equipment	-	-	1,000	1,000
2139	Maintenance/Service Contracts	496	291	12,050	900
2140	Postage	18	30	100	281
2151	Printing	41	41	65	50
2166	Professional Fees - Other	27	478	563	574
2170	Training	11,175	6,254	17,700	18,200
2171	Travel	-	10	108	110
2172	Car Allowance	15,050	12,513	14,190	20,640
2190	Communications	4,770	4,585	4,500	4,500
2200	Utilities	23,801	25,012	25,700	27,700
2230	Employee Relations	514	436	750	800
2240	Business Relations	57	-	-	-
2260	Memberships - Professional	1,328	731	1,300	1,800
2262	Memberships - Civic	-	-	624	637
	<i>Contractual Services Total</i>	<u>57,554</u>	<u>50,454</u>	<u>80,250</u>	<u>80,481</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,840	3,313	3,000	5,412
3316	Operating Supplies	2,152	2,094	2,100	4,653
3331	Vehicle Supplies	5,796	6,955	11,000	12,365
3340	Small Tools	-	25	286	292
	<i>Commodities Total</i>	<u>10,788</u>	<u>12,387</u>	<u>16,386</u>	<u>22,722</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	14	349	-	1,148
4610	Property & Liab./Ins. & Uninsur.	9,193	8,159	8,215	8,215
	<i>Fixed & Sundry Total</i>	<u>9,207</u>	<u>8,508</u>	<u>8,215</u>	<u>9,363</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	-	4,323	12,000	19,000
	<i>Miscellaneous Total</i>	<u>-</u>	<u>4,323</u>	<u>12,000</u>	<u>19,000</u>
Total		<u>\$ 1,053,851</u>	<u>\$ 1,112,712</u>	<u>\$ 1,059,523</u>	<u>\$ 1,255,576</u>

GAS OPERATIONS

DEPARTMENTAL CORE SERVICES

- Provide quality and efficient service, in a safe manner; requiring a highly trained and educated workforce in the natural gas industry
- Preserve the integrity of the gas system through implementation of the Distribution Integrity Management Plan, which was developed in FY 2011 under the requirements of 49 CFR 192, subpart P

DEPARTMENTAL ACCOMPLISHMENTS

- Provided free estimates for installation of customer-owned natural gas piping and appliances
- Continued same day or next day response for all service calls
- Continued staff qualification for Operator Qualification Certification program, including administrator training, and provided additional technical training when available
- Improved regulatory compliance with fewer PSC audit findings in 2017

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Services call handled	2,000	1,558	1,700	1453	2,000	1,300	2,000
Meter installs/renewals	200	137	150	148	170	115	200
Throughput for system (Dths)	486,000	436,000	460,000	425,000	460,000	435,000	460,000
Avg. # of services billed	4,300	4,166	4,300	4,128	4,300	4,150	4,300
Replace/remove ex-tube installations	>15	32	>15	5	>15	10	>15
"Cut and Cap" service lines (10-year rule)	70	15	>30	51	>30	35	<30

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lines hit by 3 rd party contractors	< 10	8	<10	11	<10	8	<10
PSC audit findings	< 5	6	<5	0	<5	0	<5
Safety Frequency Rate	0.0	0.0	0.0	13.08	0.0	0.0	0
Safety DART Rate	0	0	0	1,149.32	0	2,400	0

DEPT. 74 - GAS OPERATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 853,381	\$ 785,779	\$ 822,181	\$ 875,701
1020	Overtime	73,065	16,627	15,800	15,800
	<i>Personnel Services Total</i>	<u>926,446</u>	<u>802,406</u>	<u>837,981</u>	<u>891,501</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	172,292	206,761	133,811	146,860
4060	FICA	60,123	54,033	64,106	68,200
4070	Employees' Insurance	224,496	187,304	205,732	210,947
4090	Vacation Pay Expense	(10,831)	(9,220)	-	-
4100	Sick Pay Expense	(4,041)	(35,396)	-	-
4110	Net OPEB Expense	1,705	1,768	1,768	1,825
4600	Workers' Compensation	19,220	15,762	47,088	21,338
	<i>Employee Benefits Total</i>	<u>462,964</u>	<u>421,012</u>	<u>452,505</u>	<u>449,170</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	1,039	337	8,412	20,000
2122	Rentals	81	1,777	1,104	1,172
2132	Maintenance Of Vehicles	8,641	8,627	10,000	10,000
2133	Maintenance Of Equipment	7,024	7,683	7,381	7,602
2139	Maintenance/Service Contracts	12,327	31,063	36,000	15,000
2140	Postage	1,057	2,377	4,000	4,000
2151	Printing	3,264	8,847	6,800	6,500
2164	Profess. Fees - Consulting/Eng.	-	-	5,000	5,000
2165	Temporary Labor	145,577	9,439	-	-
2166	Professional Fees - Other	2,001	3,757	2,000	1,757
2170	Training	8,765	5,060	15,000	15,000
2171	Travel	1,333	1,130	1,592	1,624
2172	Car Allowance	5,160	4,300	4,730	5,160
2190	Communications	11,187	10,408	10,300	10,400
2200	Utilities	12,255	12,916	13,500	14,500
2230	Employee Relations	780	297	350	500
2240	Business Relations	-	-	265	271
2260	Memberships - Professional	12,783	12,679	15,000	15,000
	<i>Contractual Services Total</i>	<u>233,274</u>	<u>120,697</u>	<u>141,434</u>	<u>133,486</u>
<u>COMMODITIES</u>					
3311	Office Supplies	3,093	2,746	3,121	3,184
3316	Operating Supplies	118,932	88,527	92,800	116,733
3331	Vehicle Supplies	4,485	30,907	25,000	25,000
3340	Small Tools	14,714	21,953	18,000	22,291
	<i>Commodities Total</i>	<u>141,224</u>	<u>144,133</u>	<u>138,921</u>	<u>167,208</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	13,543	12,658	1,000	10,508
4610	Property & Liab./Ins. & Uninsur.	13,586	18,986	11,281	11,281
	<i>Fixed & Sundry Total</i>	<u>27,129</u>	<u>31,644</u>	<u>12,281</u>	<u>21,789</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	271,773	257,792	288,000	307,000
	<i>Miscellaneous Total</i>	<u>271,773</u>	<u>257,792</u>	<u>288,000</u>	<u>307,000</u>
Total		<u>\$ 2,062,810</u>	<u>\$ 1,777,684</u>	<u>\$ 1,871,122</u>	<u>\$ 1,970,154</u>

NATURAL GAS PURCHASES FOR RESALE

DEPARTMENTAL FUNCTIONS

- Make forward purchases (hedges) at favorable prices and maintain a Gas Rate Stabilization Fund to minimize price fluctuations in the Purchased Gas Adjustment



Fort Pierce Utilities Authority

North Gate Station

DEPT. 75 - NATURAL GAS PURCHASES FOR RESALE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
	<i><u>PURCHASES FOR RESALE</u></i>				
3360	Purchases For Resale	\$ 1,556,167	\$ 1,773,162	\$ 2,100,000	\$ 2,247,450
	<i>Purchases For Resale Total</i>	<u>1,556,167</u>	<u>1,773,162</u>	<u>2,100,000</u>	<u>2,247,450</u>
	Total	<u>\$ 1,556,167</u>	<u>\$ 1,773,162</u>	<u>\$ 2,100,000</u>	<u>\$ 2,247,450</u>

WATER RECLAMATION

DEPARTMENTAL CORE SERVICES

- Operate and maintain the Island Water Reclamation Facility and Domestic Deep Injection Well
- Operate and maintain the Mainland Water Reclamation Facility Site and Industrial Deep Injection Wells
- Manage Industrial Pretreatment Program which meets all regulatory requirements
- Manage Fats, Oils and Grease Trap Program which ensures all regulatory requirements are met
- Responsible for operation of the Domestic and Industrial Waste Underground Injection Control Permitting Program
- Responsible for operation of the domestic waste NPDES permit
- Ensure proper treatment and disposal of the City of Fort Pierce wastewater

DEPARTMENTAL ACCOMPLISHMENTS

- Continued educational programs to inform commercial customers of new regulations
- Ensured that 100% of operations personnel met the requirements for recertification
- Performed scheduled preventative maintenance working towards an 80% scheduled maintenance vs. 20% emergency repair ratio

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Samples collected	1,500	2,239	3,100	2,224	3,100	2,250	2,500
Permitted industrial users	10	9	10	9	10	9	10
% of grease traps inspected bi-annually	100%	100%	100%	100%	100%	100%	100%
Injection well users	2	2	2	2	2	2	2
Plant valve maintenance (monthly)	12	12	12	12	12	12	12

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Days meeting quality standards	366	365	365	365	365	365	365
% of employees with state required certification	100%	100%	100%	100%	100%	100%	100%
Plant Capacity (MGPD)	10	6.25	10	5.92	10	5.0	10
Safety Frequency Rate	0.0	6.55	0.0	0.0	0.0	0.0	0.0
Safety DART Rate	0	130.96	0	0	0	0	0

DEPT. 82 - WATER RECLAMATION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 662,958	\$ 672,306	\$ 760,666	\$ 755,994
1020	Overtime	17,462	18,034	41,900	41,900
	<i>Personnel Services Total</i>	<u>680,420</u>	<u>690,340</u>	<u>802,566</u>	<u>797,894</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	182,755	242,518	127,725	134,962
4060	FICA	58,770	63,405	61,396	61,039
4070	Employees' Insurance	188,391	178,130	194,758	199,695
4090	Vacation Pay Expense	7,217	8,669	-	-
4100	Sick Pay Expense	10,229	3,218	-	-
4110	Net OPEB Expense	1,818	1,886	1,886	1,947
4600	Workers' Compensation	13,849	38,014	18,181	22,786
	<i>Employee Benefits Total</i>	<u>463,029</u>	<u>535,840</u>	<u>403,946</u>	<u>420,429</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	-	-	1,040	1,061
2122	Rentals	12,300	11,950	12,000	12,000
2131	Maintenance Of Buildings	-	-	2,000	2,000
2132	Maintenance Of Vehicles	7,296	2,511	6,500	6,000
2133	Maintenance Of Equipment	9,880	2,210	27,000	13,000
2139	Maintenance/Service Contracts	344,926	334,116	400,000	413,000
2140	Postage	171	7	300	300
2151	Printing	62	20	100	100
2164	Profess. Fees - Consulting/Eng.	135,358	113,755	6,000	30,000
2165	Temporary Labor	-	-	2,550	2,550
2166	Professional Fees - Other	27,307	28,916	35,000	35,000
2170	Training	3,008	2,914	7,750	7,750
2171	Travel	1,154	870	-	-
2172	Car Allowance	8,460	8,460	5,880	5,880
2190	Communications	8,087	7,654	7,600	7,600
2200	Utilities	474,573	494,723	541,500	582,600
2230	Employee Relations	428	505	850	850
2240	Business Relations	451	368	572	572
2260	Memberships - Professional	120	120	1,000	500
	<i>Contractual Services Total</i>	<u>1,033,581</u>	<u>1,009,099</u>	<u>1,057,642</u>	<u>1,120,763</u>
<u>COMMODITIES</u>					
3311	Office Supplies	4,442	4,505	4,590	4,590
3316	Operating Supplies	72,497	69,371	75,000	75,000
3320	Chemicals	86,238	68,094	100,000	100,000
3331	Vehicle Supplies	10,584	14,479	10,000	10,000
3340	Small Tools	1,690	2,255	3,250	3,250
	<i>Commodities Total</i>	<u>175,451</u>	<u>158,704</u>	<u>192,840</u>	<u>192,840</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	362	114,761	1,000	1,000
4610	Property & Liab./Ins. & Uninsur.	39,290	37,732	39,270	39,270
	<i>Fixed & Sundry Total</i>	<u>39,652</u>	<u>152,493</u>	<u>40,270</u>	<u>40,270</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,220,235	1,093,874	1,162,000	1,250,000
	<i>Miscellaneous Total</i>	<u>1,220,235</u>	<u>1,093,874</u>	<u>1,162,000</u>	<u>1,250,000</u>
	Total	<u>\$ 3,612,368</u>	<u>\$ 3,640,350</u>	<u>\$ 3,659,264</u>	<u>\$ 3,822,196</u>

WASTEWATER COLLECTION

DEPARTMENTAL CORE SERVICES

- Preserve the integrity of the collection system through planned and executed preventative maintenance programs: including repairing and/or replacing deteriorated and damaged gravity lines and laterals in accordance with the current Strategic Plan
- Operate and perform preventative maintenance on lift stations to ensure they are performing efficiently
- Provide customers with reliable, high-quality service through a systematic application of an inspection and preventive maintenance program designed to prevent problems from occurring while extending the life of the system
- Ensure good working relationships with regulatory agencies and City of Fort Pierce departments

DEPARTMENTAL ACCOMPLISHMENTS

- Completed rehabilitation of six lift stations utilizing FPUA crews
- Continued cross training of employees between wastewater collection and lift station

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lift stations	117	117	118	117	118	118	119
Lift station preventative maintenance performed	350	322	350	325	350	300	350
Avg. preventative maintenance performed annually on each lift station	3.0	2.5	3.0	2.5	3.0	2.5	300
Lift station rehabilitations (in-house)	6	6	6	7	6	6	6
Manholes serviced	60	42	60	45	60	40	60
% of manholes inspected annually	30%	5%	50%	42%	50%	35%	50%
Miles of main lines	100	97	100	97	100	97	100

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Cost for 1,000 gallons billed	\$2.87	\$2.39	\$2.32	\$2.60	\$2.35	\$2.31	\$2.48
Safety Frequency Rate	0.0	6.18	0.0	0.0	0.0	0.0	0.0
Safety DART Rate	0	24.70	0	0	0	0	0

DEPT. 84 - WASTEWATER COLLECTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 904,248	\$ 906,376	\$ 904,123	\$ 1,003,463
1020	Overtime	70,720	61,412	49,000	49,000
	<i>Personnel Services Total</i>	<u>974,968</u>	<u>967,788</u>	<u>953,123</u>	<u>1,052,463</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	163,152	224,579	158,371	188,609
4060	FICA	61,575	60,105	72,914	80,513
4070	Employees' Insurance	238,490	207,328	218,497	224,036
4090	Vacation Pay Expense	(5,358)	1,867	-	-
4100	Sick Pay Expense	(5,014)	11,858	-	-
4110	Net OPEB Expense	2,159	2,240	2,240	2,312
4600	Workers' Compensation	17,982	16,533	15,684	15,332
	<i>Employee Benefits Total</i>	<u>472,986</u>	<u>524,510</u>	<u>467,706</u>	<u>510,802</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	23,191	24,782	24,146	24,146
2132	Maintenance Of Vehicles	43,055	20,354	48,000	48,000
2133	Maintenance Of Equipment	56,108	31,345	40,000	34,207
2139	Maintenance/Service Contracts	35,212	651,127	340,000	340,000
2151	Printing	-	225	200	200
2166	Professional Fees - Other	2,940	12,230	1,873	1,873
2170	Training	8,591	4,065	7,500	7,500
2172	Car Allowance	-	-	5,880	5,880
2190	Communications	9,414	9,073	8,400	8,500
2200	Utilities	243,846	212,979	242,000	260,400
2230	Employee Relations	809	239	600	800
2260	Memberships - Professional	124	-	260	260
	<i>Contractual Services Total</i>	<u>423,290</u>	<u>966,419</u>	<u>718,859</u>	<u>731,766</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,592	2,804	3,200	2,800
3316	Operating Supplies	157,012	137,562	133,000	133,000
3320	Chemicals	180,897	21,586	28,000	28,000
3331	Vehicle Supplies	56,177	31,641	53,000	53,000
3340	Small Tools	5,790	4,833	6,000	6,000
	<i>Commodities Total</i>	<u>402,468</u>	<u>198,426</u>	<u>223,200</u>	<u>222,800</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	6,620	6,838	6,928	6,928
4610	Property & Liab./Ins. & Uninsur.	41,432	65,713	30,694	30,694
	<i>Fixed & Sundry Total</i>	<u>48,052</u>	<u>72,551</u>	<u>37,622</u>	<u>37,622</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	2,417,254	2,399,063	2,400,000	2,505,000
	<i>Miscellaneous Total</i>	<u>2,417,254</u>	<u>2,399,063</u>	<u>2,400,000</u>	<u>2,505,000</u>
Total		<u>\$ 4,739,018</u>	<u>\$ 5,128,757</u>	<u>\$ 4,800,510</u>	<u>\$ 5,060,453</u>

FPUAnet® COMMUNICATIONS

DEPARTMENTAL FUNCTIONS

- Provide high quality, state-of-the-art communication services at reasonable prices
- Market and sell current FPUAnet products and innovations
- Expand markets and backfill existing service laterals
- Launch new product types, as appropriate

DEPARTMENTAL ACCOMPLISHMENTS

- Concluded the Turnpike failover loop, which allows for additional redundancy
- Expanded warm marketing campaign to continue to develop the network customer base
- Due to the increase in demand we have expanded our network upgrade to 500Mbps and plan on expanding to 1Gbps within 2018

PERFORMANCE MEASURES

Workload Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. # of services billed	81	76	83	79	100	87	100
Net new services provisioned	(1)	(3)	2	3	26	6	15
Increase in customer services	5%	(1%)	5%	2%	35%	9%	20%
Personal visits with customer	50	78	75	145	180	175	200
Increase in personal visits	62%	111%	50%	49%	38%	20%	20%
New product types launched	0	0	2	1	3	0	1

Effectiveness Measurement:	FY 2016		FY 2017		FY 2018		FY 2019
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Service Reliability	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%
Increase in operating revenue	33%	13%	15%	(-5.6%)	21%	10.5%	5.6%
Safety Frequency Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Safety DART Rate	0	0	0	0	0	885	0

DEPT. 93 - FPUAnet® COMMUNICATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 112,776	\$ 132,283	\$ 112,892	\$ 182,208
	<i>Personnel Services Total</i>	<u>112,776</u>	<u>132,283</u>	<u>112,892</u>	<u>182,208</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	8,188	17,082	18,110	32,998
4060	FICA	7,280	8,908	8,636	13,939
4070	Employees' Insurance	36,118	39,562	41,325	42,373
4090	Vacation Pay Expense	(2)	2,460	-	-
4100	Sick Pay Expense	-	1,984	-	-
4110	Net OPEB Expense	227	236	236	243
4600	Workers' Compensation	110	120	1,637	125
	<i>Employee Benefits Total</i>	<u>51,921</u>	<u>70,352</u>	<u>69,944</u>	<u>89,678</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	2,565	2,953	2,100	2,100
2139	Maintenance/Service Contracts	8,003	10,470	8,000	8,000
2140	Postage	439	-	500	2,900
2151	Printing	579	20	1,000	2,900
2164	Profess. Fees - Consulting/Eng.	6,098	223	15,000	21,000
2166	Professional Fees - Other	99	2,068	1,000	4,400
2170	Training	1,288	1,375	3,450	5,000
2171	Travel	120	61	400	400
2172	Car Allowance	3,300	3,300	2,800	5,160
2190	Communications	1,412	1,919	1,700	1,700
2200	Utilities	48	48	50	100
2230	Employee Relations	110	87	300	300
2240	Business Relations	341	744	1,000	1,200
	<i>Contractual Services Total</i>	<u>24,402</u>	<u>23,268</u>	<u>37,300</u>	<u>55,160</u>
<u>COMMODITIES</u>					
3311	Office Supplies	590	1,490	1,400	600
3313	Subscriptions	10	65	73	80
3316	Operating Supplies	3,802	1,659	1,990	2,000
3360	Purchases For Resale	47,859	57,938	103,000	160,000
	<i>Commodities Total</i>	<u>52,261</u>	<u>61,152</u>	<u>106,463</u>	<u>162,680</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	1,000	600	600	1,000
4610	Property & Liab./Ins. & Uninsur.	1,860	1,544	1,558	1,558
4700	Utility Bad Debt Expense	257	232	300	300
	<i>Fixed & Sundry Total</i>	<u>3,117</u>	<u>2,376</u>	<u>2,458</u>	<u>2,858</u>
<u>MISCELLANEOUS</u>					
9000	Distribution To City Of Fort Pierce	-	-	27,892	30,810
9030	Depreciation Expense	73,371	66,390	65,000	68,000
	<i>Miscellaneous Total</i>	<u>73,371</u>	<u>66,390</u>	<u>92,892</u>	<u>98,810</u>
Total		<u>\$ 317,848</u>	<u>\$ 355,821</u>	<u>\$ 421,949</u>	<u>\$ 591,394</u>

DEPT. 99 - ADMINISTRATIVE & GENERAL - ALL DEPARTMENTS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2016	ACTUAL FY 2017	AMENDED BUDGET FY 2018	ORIGINAL BUDGET FY 2019
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ -	\$ 1,811.00	\$ -	\$ -
2131	Maintenance Of Buildings	43,585	54,130	51,291	50,189
2133	Maintenance Of Equipment	-	-	1,093	1,126
2139	Maintenance/Service Contracts	258,459	264,816	293,961	278,511
2250	Community Relations	-	6,750	-	-
2164	Profess. Fees - Consulting/Eng.	1,000	6,590	6,109	3,500
2166	Professional Fees - Other	6,500	2,573	4,000	4,000
2190	Communications	41,029	41,103	48,600	49,500
2240	Business Relations	9,466	3,000	-	-
	<i>Contractual Services Total</i>	<u>360,039</u>	<u>380,773</u>	<u>405,054</u>	<u>386,826</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	5,324	8,982	14,500	11,500
	<i>Commodities Total</i>	<u>5,324</u>	<u>8,982</u>	<u>14,500</u>	<u>11,500</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	35,997	36,097	38,104	38,104
4510	Gross Receipts Tax	1,622,331	1,632,499	1,742,000	1,742,000
4520	Licenses & Permits	18,287	19,204	20,000	21,132
4531	Contributions - Civic	204,683	253,919	208,082	173,879
4700	Utility Bad Debt Expense	284,332	261,464	320,100	320,100
	<i>Fixed & Sundry Total</i>	<u>2,165,630</u>	<u>2,203,183</u>	<u>2,328,286</u>	<u>2,295,215</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	3,604,782	3,416,642	3,205,293	2,979,168
5723	Interest - Deposits	9,839	10,857	12,600	12,600
5725	Capitalized Interest	(180,767)	(126,355)	(135,000)	(135,000)
5729	Interest - Other	103	-	-	-
5731	Amortization-Bond Discount	11,077	23,950	23,337	22,711
	<i>Interest Expenses Total</i>	<u>3,445,034</u>	<u>3,325,094</u>	<u>3,106,230</u>	<u>2,879,479</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	-	297,236	-	-
9000	Distribution To City Of Fort Pierce	5,808,951	5,965,812	6,110,546	6,051,303
9010	Contingency	-	-	1,000,000	1,000,000
9030	Depreciation Expense	181,932	187,829	188,000	188,000
	<i>Miscellaneous Total</i>	<u>5,990,883</u>	<u>6,450,877</u>	<u>7,298,546</u>	<u>7,239,303</u>
	Total	<u>\$ 11,966,910</u>	<u>\$ 12,368,909</u>	<u>\$ 13,152,616</u>	<u>\$ 12,812,323</u>

CAPITAL

CAPITAL

CAPITAL IMPROVEMENT PLAN FY 2019 – FY 2023 CAPITAL BUDGET FY 2019

Overview

Capital infrastructure costs account for a large portion of FPUA's total costs. It is important for utilities to create, maintain and follow a plan to invest in their capital assets; whether to rehabilitate, replace or install new assets. The performance and continued use of these capital assets is essential to the health, safety, economic development and quality of life.

Capital Improvement Plans (CIP) are utilized to identify present and future needs requiring capital infrastructure. FPUA's CIP is a planning tool which identifies FPUA's anticipated future capital needs for the upcoming five-year period. Funds for projects planned in later years have not been specifically named due to the uncertainty of dollar amounts and timeframes.

FPUA identifies capital projects as those which:

- Cost \$5,000 or more; and
- Have an expected useful life of three or more years

FPUA uses four classifications in the CIP to identify capital expenditures:

- Fixed Assets
- Vehicle
- Blanket Project
- Standard Project

The first year of FPUA's CIP is the Capital Budget for FY 2019. Future capital projects are placed in out years and move up until they are included in the current year's capital budget. Projects may be passed over as priorities change, especially to fund projects for public safety, government mandates or to meet an emergency need.

CIP Process and Timeline

The CIP process for Fiscal Years 2019 – 2023 began in March 2018. Capital project templates with historical trends were provided to departments by Finance. Completed templates were returned to Finance by mid-April in order to prepare the proposed five-year CIP and provide it to the Budget Review Committee (BRC) by the end of April. The BRC met May 2 – May 3 to evaluate and discuss each capital project presented. On May 21, 2018, FPUA held a public budget workshop, attended by members of FPUA's Board and City Commissioners from the City of Fort Pierce, to discuss both the upcoming O&M and Capital Budget, as well as the CIP for Fiscal Years 2019 – 2023. FPUA's CIP through FY 2023 and FY 2019 Capital Budget was approved by the Board on June 5, 2018.

Project Evaluation Criteria

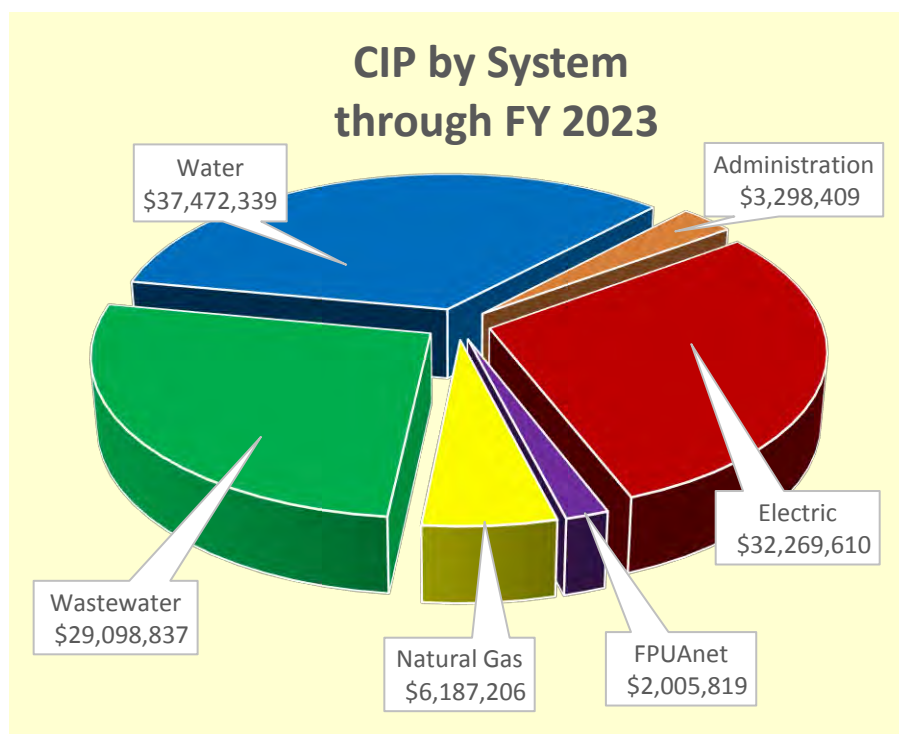
The capital projects included in the CIP are assessed and evaluated by established criteria. The criteria guide the departments and the BRC in their selection of the projects to be funded. The evaluation criteria areas are as follows:

- Health and/or safety to public, FPUA employees
- Quality of service
- Comparative effectiveness
- Annual impact on O&M costs
- Environmental/public image
- Effects on service area

Only capital projects and fixed assets that have budgeted amounts for the upcoming fiscal year will be subject to the evaluation criteria.

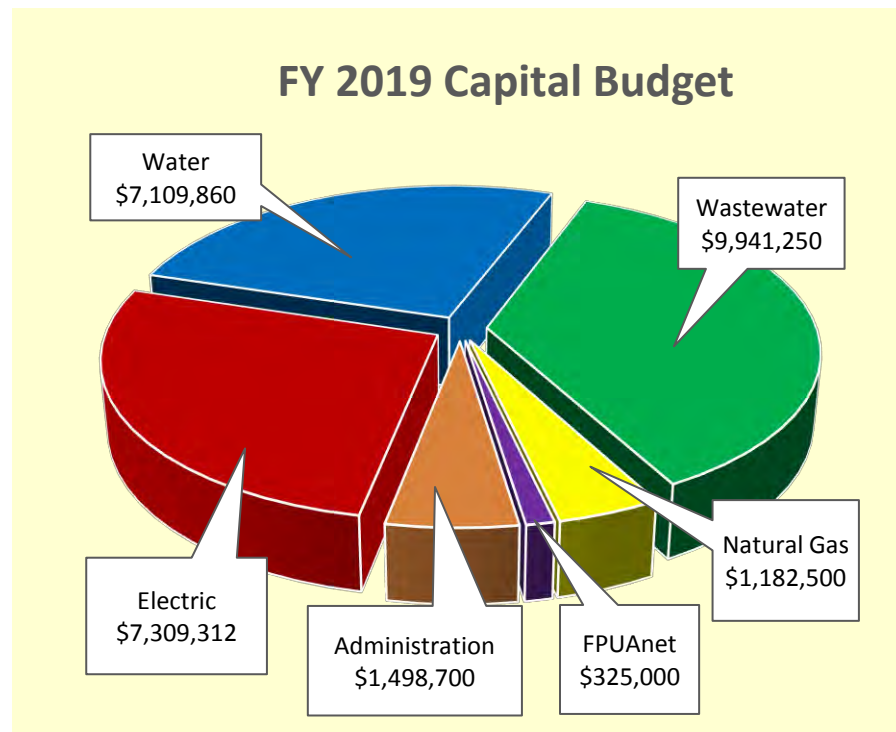
Capital Improvement Program by System

The CIP for FPUA totals \$110,332,221 through fiscal year 2023, which includes previously approved funding of \$16,930,963, and funding of projects for five fiscal years, FY 2019 through FY 2023, in the amount of \$93,401,258. The graph below shows the CIP through FY 2023 by system.



FY 2019 Capital Budget by System

The FY 2019 Capital Budget in the amount of \$27,366,622, includes contingency funding in the amount of \$500,000. The graph below shows the Capital Budget FY 2019 by system.

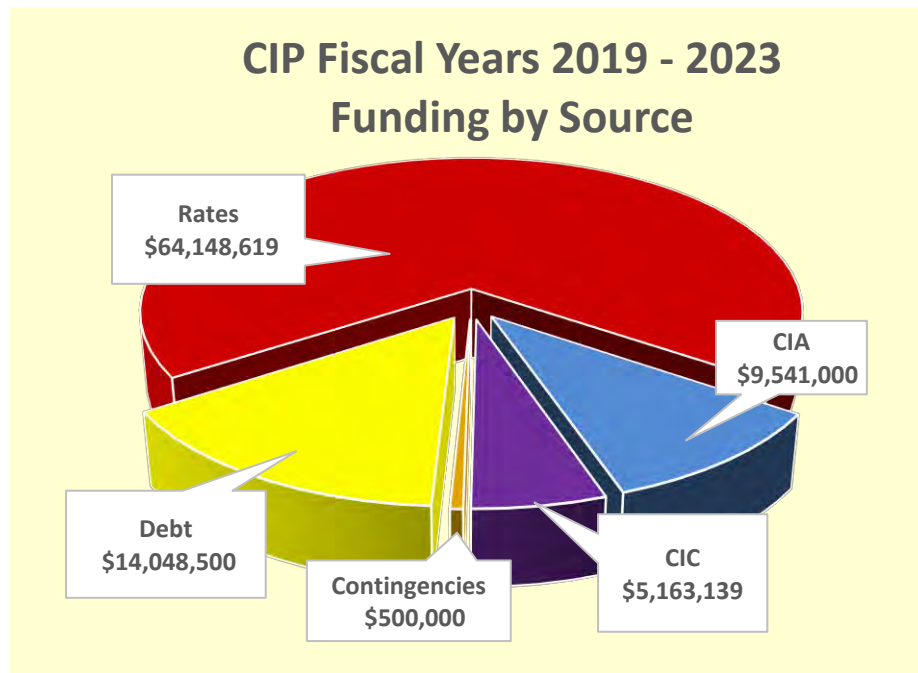


CIP Funding Sources

The five-year CIP was developed to ensure that the proposed plan is achievable with expected available resources. The CIP is designed to be a flexible tool, and will be used to ensure that adequate funding is available for these projects, while maintaining adequate cash reserves. The following are the projected funding sources for CIP projects:

- Rates
- Contributions-in-Aid (CIA)
- Capital Improvement Charges (CIC)
- Debt
- Contingency

Revenue from utility rates is projected to fund 69% of the FY 2019 – FY 2023 CIP. It is expected that FPUA's rates will not be adequate to fully fund the budget. FPUA plans to increase Water and Wastewater rates 3% and Natural Gas rates by 1.76%, effective October 1, 2018. Contributions from outside sources (CIA and CIC) are expected to fund 16% of the FY 2019 - FY 2023 CIP, and FPUA will issue debt to fund the remaining 15%. The graph below shows the projected funding sources by dollar amount for the FY 2019 – FY 2023 CIP of \$93,401,258.

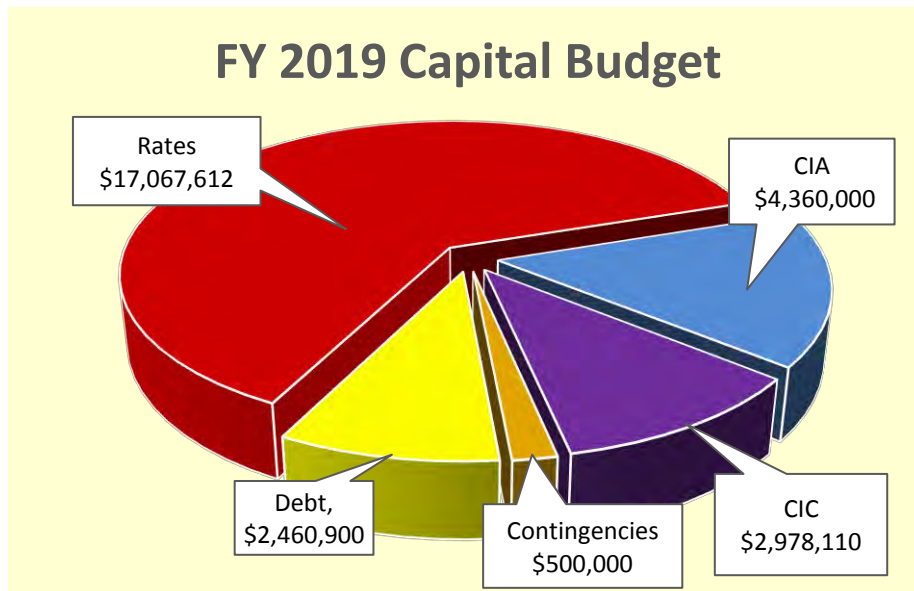


The chart below depicts the projected funding sources by dollar amount for each fiscal year in the FY 2019 – FY 2023 CIP.

Funding Source	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Rates	\$17,067,612	\$12,579,468	\$11,989,353	\$11,352,017	\$11,160,169
CIA	4,360,000	1,578,000	1,199,000	1,201,000	1,203,000
CIC	2,978,110	926,474	415,451	419,495	423,609
Contingencies	500,000	-	-	-	-
Debt	2,460,900	2,971,900	2,871,900	2,871,900	2,871,900
Grand Total	\$27,366,622	\$18,055,842	\$16,475,704	\$15,844,412	\$15,658,678

Capital Budget Funding Sources

The FY 2019 Capital Budget in the amount of \$27,366,622, is 62% funded by revenue from utility rates. Contributions from outside sources are expected to fund 27% and FPUA will issue debt to fund 9%. The remaining 2% is identified as contingency which will only be used as a result of unforeseen events and will be submitted to the FPUA Board for approval. The graph below shows the projected funding sources by dollar amount for the FY 2019 Capital Budget.



Requirements for CIP

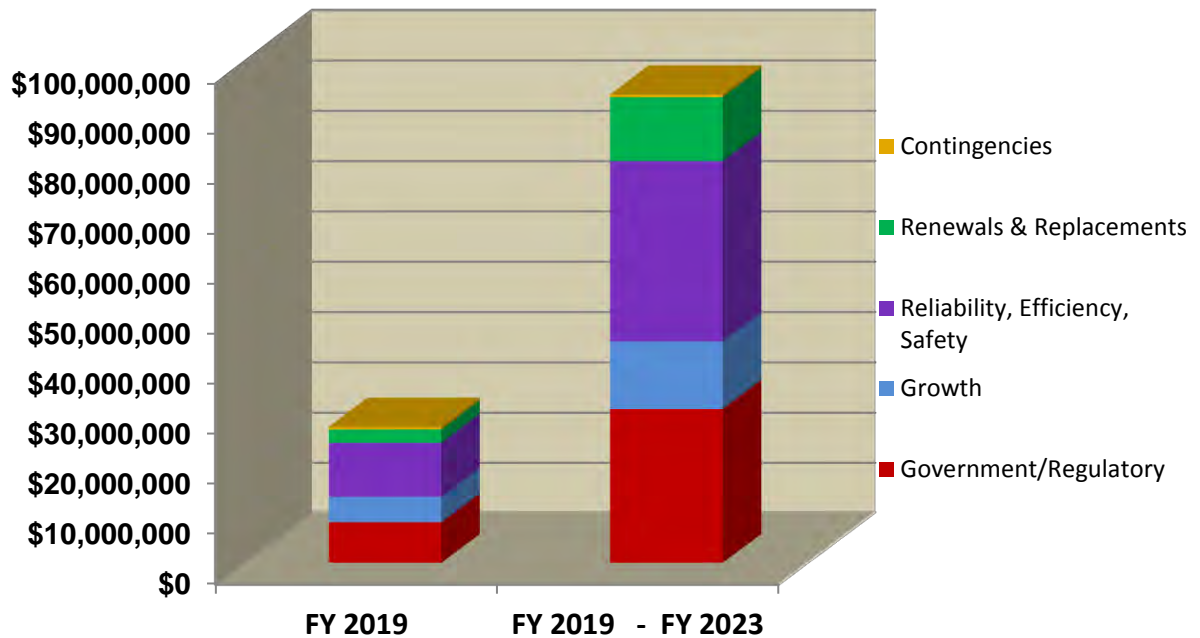
FPUA’s CIP and Capital Budget include funding for projects mandated by other government or regulatory agencies, or required for system growth, reliability, efficiency, safety and renewals & replacements.

Projects mandated by federal, state, and local government and regulatory agencies represent 30% of the Capital Budget for FY 2019 and 33% of the FY 2019 – FY 2023 CIP. The projected costs in the FY 2019 Capital Budget are as follows:

City of Fort Pierce	\$1,896,000
Florida Department of Environmental Protection	1,776,000
St. Lucie County	1,509,000
Florida Department of Transportation	1,481,250
Florida Public Service Commission	1,166,931
National Electric Safety Code	171,000
Department of Homeland Security and/or North American Electric Reliability Corporation	105,000
SLC Fire District	<u>87,360</u>
Total Government and Regulatory-Required Projects	<u>\$8,192,541</u>

Requirements for CIP

The graph and chart below displays the projected amounts by requirement for the FY 2019 Capital Budget and FY 2019- FY 2023 CIP.



Required by	FY 2019	% of FY 2019 Budget	FY 2019 - FY 2023	% of CIP
Government/Regulatory	\$8,192,541	30%	\$30,920,893	33%
Growth	5,125,750	19%	13,435,018	14%
Reliability, Efficiency, Safety	10,876,600	40%	35,822,497	38%
Renewals & Replacements	2,671,731	10%	12,722,850	14%
Contingencies	500,000	1%	500,000	1%
Grand Total	\$27,366,622	100%	\$93,401,258	100%

Vehicle Replacement Program

Centralized Fleet Services (CFS) provides vehicle services and oversight of FPUA's fleet. The CFS Fleet Management Administrator meets with FPUA's various departments to determine vehicle replacement needs based on age, mileage, maintenance cost and use. Specialized vehicles such as material handlers, backhoes/loaders and Vac Cons will be purchased by the requesting departments. The table below shows the proposed vehicle purchases included in the FY 2019 Capital Budget.

Description	Qty	FY 2019
55 Foot Material Handler	1	\$295,000
Small Pickup Truck MIR's	1	30,910
1/2 Ton 4X4 Pickup Truck V6	1	48,000
Electric Total		373,910
Small Boom Truck	1	80,000
1/2 Ton 4X4 4 Door Pickup Truck	1	50,000
1/2 Ton 4X4 Pickup Truck*	1	23,500
Water Total		153,500
Medium Size SUV	1	50,000
Gas Total		50,000
Golf Cart	1	10,000
1/2 Ton 4X4 Pickup Truck*	1	23,500
1/2 Ton Pickup Truck	1	40,000
Service Truck and Equipment	2	88,000
Wastewater Total		161,500
Vehicles – FY 2019 Capital Budget		\$738,910

*1/2 Ton 4X4 Pickup Truck for Water and Wastewater is a shared vehicle

FY 2019 Capital Budget Highlights

FPUA classifies capital projects into two categories, blanket or standard. Blanket projects are on-going projects that will maintain and extend the life of FPUA's infrastructure such as water main replacements, utility pole replacements and gas line replacements. Emergency replacements also fall into this category. These are usually projects that are completed within a short period of time and are not specific to an area of our service territory.

Standard projects are non-recurring projects that are specific to a certain area of FPUA's service territory and costs are anticipated to exceed \$25,000. These are named projects, such as Orange Ave 16 inch Force Main Improvement which specifically targets the Orange Avenue area of our service territory.

The following major capital and blanket projects are proposed in the FY 2019 Capital Budget:

- Beginning in Fiscal Year 2019, FPUA will be transitioning from AMR meters to Advanced Metering Infrastructure (AMI). AMI provides an essential link between the utility grid, consumers and their loads, generation and storage resources. Implementing AMI is a goal for the key result area, Building the Utility/Building the City, identified in the current Strategic Management Plan. Some of the benefits of AMI are:
 - Eliminates the need to dispatch trucks or personnel for connecting/disconnecting of meters. Ability to disconnect power, on demand, from the office.
 - Quickly identify outage areas and get an accurate prediction of equipment causing problem. No longer dependent on phone calls. Shorter outages, lower cost to mitigate.
 - Provide customers with real-time data allowing informed, data driven decisions about energy usage.
 - The cost of transitioning to AMI will be spread over several years. The benefits of transitioning to AMI will greatly exceed the cost of the transition over the life of the meters.
- In FY 2018 FPUA began work on an Emergency Standby Generator at the Island Water Reclamation Facility (IWRF) to reduce the possibility of an unexpected effluent discharge into the Indian River Lagoon. The generator is sized to power the entire facility and will start autonomously in the event of a power outage. It will be installed inside of the existing blower building and the blower building will be storm hardened to ensure the reliable operation during a storm event. This project will be completed before the 2019 hurricane season.

- The Water and Wastewater Systems Master Plan calls for a 16-inch force main on Orange Avenue from Jenkins Road to North 39th Street. The ultimate purpose of this force main is to convey wastewater from Lift Station A to the 24-inch force main on Jenkins Road and then on to the Mainland Water Reclamation Facility. In the interim, this pipeline will replace the restrictive 8-inch force main that currently exists on Orange Avenue, providing additional wastewater capacity to accommodate the resurgence of the commercial and residential developments in the western portion of our service territory.
- The Water and Wastewater Systems Master Plan calls for a 12-inch water main on Kings Highway from Okeechobee Road to Orange Avenue. The new water main will improve hydraulic capacity of the northwest portion of FPUA's service territory. Completion of the installation will result in a reduction in the need for flushing on the dead end main.
- The Digiorgio Road Sanitary project consists of the design, bid and construction of a regional lift station, associated force main, and gravity sewer collection system to provide wastewater services to new and existing FPUA customers. The project will expand FPUA's wastewater services to reach an industrial area consisting of 37 parcels, 22 of which are currently occupied by existing businesses and water customers. The addition of sanitary sewer connectivity to these existing businesses, as well as the vacant parcels, can provide a boost in economic development as well as an increase in revenue for FPUA. This project can have a significant impact in the economic growth of targeted industries in the City of Fort Pierce and St. Lucie County, by providing over 178 acres with access to sanitary sewer for a safer and cleaner environment, and the opportunity for expansion, growth and new development.
- The Avenue M Project is a multi-year project that was identified by the City as the highest priority for FY 2018. Phase I includes replacement of water main, manholes, sanitary and water service lines from 13th Street to 21st Street. Future work includes utility improvements from 21st Street to 25th Street, and roadway resurfacing from 13th Street to 25th Street. This project will benefit the community by increasing water and wastewater service reliability with the replacement of aging infrastructure, and by improving roadway safety with the resurfacing of the entire roadway.
- The Savannah Repump Rehabilitation project consists of replacing the mechanical and electrical equipment that has reached the end of its useful life. An upgraded Programmable Logic Controller, Variable Frequency Drives, and an Emergency Power Automatic Transfer Switch are to be added for consistent pressure control and electric power redundancy. This project also includes the rerouting and addition of the influent and effluent piping to the facility, adding automated valves to improve water quality, and provide a redundant source of water pressure for the water distribution system.

- A number of blanket projects have been proposed that are intended to fund renewals and replacements to a continuously aging system. These projects, provided for in the Electric, Water, Natural Gas and Wastewater Systems, cannot be specifically identified at this time. As significant projects develop, they will be created with this funding. If projects are expected to cost more than \$25,000, they will be presented to the FPUA Board for approval. The replacement of transformers, mains, services, pumps and valves, and the removal of old deteriorated equipment and failing water and wastewater system components, will continue as necessary to maintain the integrity of the systems. Much of the renewals and replacements are done as a requirement of various federal, state, and local agencies.

Impact on Operating Budget

Capital projects may or may not have an ongoing financial impact on FPUA's operating budget. For the FY 2019 Capital Budget, the annual impact on O&M costs is one of the criteria that is used to assess and evaluate capital projects and fixed assets. Known and quantifiable operating impacts can be classified into one or more of the following results:

- Increased Revenue
- Increased Expenses
- Additional Cost Savings

Purchasing replacement vehicles will result in cost savings per vehicle because of the anticipated reduction in maintenance costs. The proposed vehicle purchases for FY 2019 is expected to reduce vehicle maintenance costs by \$30,000. The reduction in vehicle maintenance will be offset, in part, by other aging vehicles requiring maintenance, and increases in depreciation expense.

Fixed asset purchases such as security systems, hardware and software will impact the operating budget minimally (less than \$25,000 each asset) for the costs of annual licenses, updates and maintenance.

Since blanket projects are on-going projects that will maintain and extend the life of FPUA's infrastructure, the operating impact is typically rated as additional cost savings. These projects are completed in coordination within departments of FPUA when feasible or mandated by outside agencies. It is estimated that the cost savings could range from 50% - 300% of the total project by not waiting until emergency conditions prevail.

The major capital projects listed below, excluding blanket projects, account for 38% of the FY 2019 Capital Budget. The table summarizes the projected annual impact on FPUA's operating budget:

Project Description	System(s)	FY 2019 Budget	Impact on O&M
Advanced Metering Infrastructure	E	\$ 2,985,900	No quantifiable impact
IWRF Emergency Standby Generator	WW	2,220,000	Cost savings up to \$25,000
16-Inch Force Main Orange Ave	WW	1,623,750	No change in FY 2019. Increase in revenue after project completion.
Kings Hwy-Okee Rd to Orange Ave	W,WW	1,180,000	Cost savings up to \$25,000
Digiorgio Road Wastewater Improvements	WW	900,000	No change in FY 2019. Increase in revenue after project completion.
Ave M - 25th to 13th	W,WW	800,000	Cost savings up to \$25,000
Savannah Repump Rehab	W	735,000	Cost savings up to \$25,000

Carryover Funds

At the end of each fiscal year, funding for some capital projects remains unspent due to unexpected delays. The Board approved the carryover of budgeted funds for partially completed projects which remain from FY 2018 and to be spent in FY 2019. At the end of each fiscal year, a report on those capital projects requiring carryover funds, including the amounts spent, amounts to be carried over, and percent complete, is provided to the Board as an information item.

Summary

The projects presented in the FY 2019 – FY 2023 CIP are essential to FPUA's efforts to provide our customers with the highest quality of products and services. The CIP has been prepared with strategic planning priorities in mind, along with FPUA's commitment to meet the needs of our customers and community. The summary of the capital budget requests can be found on pages 138 through 143. For more comprehensive and detailed information, including project descriptions, budgeted costs, impacts to operating budget, and anticipated completion dates on each capital expenditure in FPUA's CIP, please visit www.fpu.com.

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception through 9/30/2017	Spent through 5/22/2018	Remaining FY 2018 Budget	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2019-23	PROJECT TOTAL
22		Materials Management													
22	FA-1	1/2 Ton Pickup Truck	FA	Rates	Vehicles	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ -	\$ 45,000	\$ 45,000	\$ 45,000
		TOTAL				-	-	-	-	45,000	-	-	45,000	45,000	45,000
32		Information Technology Services													
		Panatrack Hardware & Software	FA	Rates	439918003	-	-	25,577	-	-	-	-	-	-	25,577
32	FA-1	Dept. Hardware & Software	FA	Rates	439919001	-	-	105,000	165,260	115,000	100,000	100,000	100,000	580,260	685,260
32	FA-2	Servers	FA	Rates	439919002	-	40,048	9,952	30,000	70,000	30,000	50,000	30,000	210,000	260,000
32	FA-3	Great Plains/Cogsdale	FA	Rates	439919003	-	-	-	53,440	-	10,000	-	10,000	73,440	73,440
32	FA-4	Telephony	FA	Rates		-	16,784	-	-	65,000	-	-	-	65,000	81,784
32	FA-5	Medium Size SUV	FA	Rates	Vehicles	-	-	-	-	-	50,000	-	-	50,000	50,000
32	1	Security System	BLKT	Rates	402	-	-	60,500	85,000	50,000	50,000	50,000	50,000	285,000	345,500
32	2	Network&Comm Infrastructure Ex	BLKT	Rates	403	31,848	-	-	125,000	45,000	125,000	35,000	50,000	380,000	411,848
		TOTAL				31,848	56,832	201,029	458,700	345,000	365,000	235,000	240,000	1,643,700	1,933,409
35		Facilities													
35	FA-1	HVAC Replace - 500 Boston Ave	FA	Rates	439019004	-	-	-	40,000	-	-	-	-	40,000	40,000
35	FA-2	Savannah Repump Roof Replace	FA	Rates	639019003	-	-	-	30,000	-	-	-	-	30,000	30,000
35	FA-3	ESC Security Gates	FA	Rates	439019005	-	-	-	30,000	-	-	-	-	30,000	30,000
35	FA-4	HVAC Systems	FA	Rates	439019006	-	-	-	20,000	20,000	20,000	20,000	20,000	100,000	100,000
35	FA-5	Ice machines	FA	Rates	439819007	-	-	-	20,000	20,000	20,000	20,000	20,000	100,000	100,000
35	FA-6	Chiller at ESC	FA	Rates		-	-	-	-	-	-	-	120,000	120,000	120,000
35	1	ESC Mezzanine Buildout	STD	Rates	445	-	-	-	400,000	-	-	-	-	400,000	400,000
		TOTAL				-	-	-	540,000	40,000	40,000	40,000	160,000	820,000	820,000
54		Electric Transmission & Distribution													
54	FA-1	55 foot Material Handler	FA	Rates	Vehicles	-	-	-	295,000	-	300,000	-	300,000	895,000	895,000
54	FA-2	(2) 48 Foot material Handlers	FA	Rates	Vehicles	-	-	-	-	320,000	-	-	-	320,000	320,000
54	FA-3	110 ft Material Handler	FA	Rates	Vehicles	-	-	-	-	-	-	400,000	-	400,000	400,000
54	FA-4	CT Analyzer	FA	Rates	539919002	-	-	-	36,000	-	-	-	-	36,000	36,000
54	FA-5	SF6 Purity analyzer	FA	Rates	539919003	-	-	-	15,000	-	-	-	-	15,000	15,000
54	FA-6	1/4 Ton Dump Truck	FA	Rates	Vehicles	-	-	-	-	50,000	-	-	-	50,000	50,000
54	1	Retirement from Plant	BLKT	Rates	501	41,501	15,031	140,869	140,000	140,000	150,000	150,000	155,500	735,500	932,901
54	2	Transformer Replacement	BLKT	Rates	504	66,365	1,032	90,737	91,000	91,000	91,000	91,000	91,000	455,000	613,134
54	3	Distribution Pole Replacement	BLKT	Rates	505	164,119	71,553	198,128	269,681	277,777	277,777	277,777	286,111	1,389,123	1,822,923
54	4	Transmission Pole Replacement	BLKT	Rates	507	10,149	-	27,418	20,000	20,000	20,000	20,000	20,000	100,000	137,567
54	5	Substation Improvements R&R	BLKT	Rates	511	16,432	-	54,025	55,620	57,288	59,000	60,849	62,675	295,432	365,889
54	6	Trans & Dist Improvements	BLKT	Rates	515	458,348	205,829	237,216	479,201	493,849	508,357	523,607	523,607	2,528,621	3,430,014
		TOTAL				756,914	293,445	748,393	1,401,502	1,449,914	1,406,134	1,523,233	1,438,893	7,219,676	9,018,428
55		Electric Operations													
55	FA-1	Small Pickup Truck MIR's	FA	Rates	Vehicles	-	-	43,886	30,910	32,456	34,078	35,782	37,571	170,797	214,683
55	FA-2	System Ops. Console Upgrade	FA	Rates	539219002	-	-	-	30,000	-	-	-	-	30,000	30,000
55	1	Advanced Metering Infrastructure	STD	Debt	523	-	-	80,000	985,900	985,900	985,900	985,900	985,900	4,929,500	5,009,500
55	1	Advanced Metering Infrastructure	STD	CIA	523	-	-	-	2,000,000	-	-	-	-	2,000,000	2,000,000
		TOTAL				-	-	123,886	3,046,810	1,018,356	1,019,978	1,021,682	1,023,471	7,130,297	7,254,183

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception through 9/30/2017	Spent through 5/22/2018	Remaining FY 2018 Budget	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2019-23	PROJECT TOTAL
56-E Electric & Gas Engineering - Electric															
56-E	FA-1	1/2 Ton 4x4 Pickup Truck V6	FA	Rates	Vehicles	-	-	43,886	48,000	-	-	-	-	48,000	91,886
56-E	1	15KV Oil Circuit Breaker	BLKT	Rates	502	10,063	(1,891)	3,508	20,000	-	-	-	-	20,000	31,680
56-E	2	Auto Reclureli Reliab Imprvmnts	BLKT	Rates	503	-	-	10,000	80,000	80,000	80,000	80,000	80,000	400,000	410,000
56-E	3	New Construction - Line Ext	BLKT	Rates	506	-	-	1,200	10,000	10,000	10,000	10,000	10,000	50,000	51,200
56-E	4	Storm Surge & Hardening - NESC	BLKT	Rates	508	36	(1,129)	68,629	80,000	80,000	80,000	80,000	80,000	400,000	467,536
56-E	5	69KV Breaker Replacement	BLKT	Rates	509	-	-	15,000	100,000	100,000	100,000	100,000	100,000	500,000	515,000
56-E	6	Electric Sys VAR Control Expan	BLKT	Rates	510	-	-	2,414	10,000	10,000	10,000	10,000	10,000	50,000	52,414
56-E	7	Governmental & Other Required	BLKT	Rates	512	55,961	45,211	31,745	180,000	174,000	164,000	150,000	150,000	818,000	950,917
56-E	7	Governmental & Other Required	BLKT	CIA	512	12,465	10,894	7,650	300,000	300,000	300,000	300,000	300,000	1,500,000	1,531,009
56-E	8	New Construction-Residential	BLKT	Rates	516	23,224	21,163	56,337	77,500	77,500	77,500	77,500	77,500	387,500	488,224
56-E	9	Replacement of OH & UG Lines	BLKT	Rates	517	36,841	4,129	49,871	34,000	34,000	34,000	34,000	34,000	170,000	260,841
56-E	10	New Construction-Commercial	BLKT	Rates	518	65,269	47,169	17,780	283,250	291,748	300,500	309,515	318,800	1,503,813	1,634,031
56-E	10	New Construction-Commercial	BLKT	CIA	518	83,752	60,526	22,815	200,000	200,000	200,000	200,000	200,000	1,000,000	1,167,093
56-E	11	New Construction-Rental Lights	BLKT	Rates	519	31,488	20,062	29,938	50,000	50,000	50,000	50,000	50,000	250,000	331,488
56-E	12	Overhead/Underground Serv Conv	BLKT	Rates	520	49,091	27,945	54,555	70,000	70,000	70,000	70,000	70,000	350,000	481,591
56-E	12	Overhead/Underground Serv Conv	BLKT	CIA	520	5,950	3,387	6,613	20,000	20,000	20,000	20,000	20,000	100,000	115,950
56-E	13	Electric Regulatory Compliance	BLKT	Rates	521	16,257	12,379	7,621	20,000	20,000	20,000	20,000	20,000	100,000	136,257
56-E	14	LED - Rental Light Repl	BLKT	Rates	522	-	-	-	432,000	432,000	432,000	432,000	432,000	2,160,000	2,160,000
56-E	15	Kings Hwy-Okee Rd to Angle Rd	STD	Rates	526	913	-	9,250	21,250	10,000	-	-	-	31,250	41,413
56-E	16	Substation Regulators	STD	Rates	534	-	109,966	83,034	280,000	280,000	280,000	280,000	-	1,120,000	1,313,000
56-E		Lawnwood Hospital Upgrade	STD	Rates	542	-	14,905	110,076	-	-	-	-	-	-	124,981
56-E		Lawnwood Hospital Upgrade	STD	CIA	542	-	34,961	258,199	-	-	-	-	-	-	293,160
56-E	17	US Hwy 1 - Midway to Edwards	STD	Rates	558	-	39,602	165,800	10,000	-	-	-	-	10,000	215,402
56-E	18	Totten/Hartman Improvements	STD	Rates	559	926	1,692	3,308	10,000	10,000	-	-	-	20,000	25,926
56-E	19	St Lucie Village - Convert to UG	STD	Rates	560	-	-	-	180,000	100,000	-	-	-	280,000	280,000
56-E	20	Tall Pines - OH to UG	STD	Rates	561	-	-	-	5,000	-	-	-	-	5,000	5,000
56-E	21	Harbor Branch Reliability Impro	STD	Rates	576	-	-	50,000	140,000	160,000	145,000	-	-	445,000	495,000
56-E	22	Substation Transformer Replace	STD	Rates	594	-	-	26,000	50,000	500,000	500,000	500,000	500,000	2,050,000	2,076,000
56-E	23	Fisherman's Wharf - Rdwy Proj	STD	Rates	595	-	-	-	150,000	100,000	-	-	-	250,000	250,000
TOTAL						392,236	450,971	1,135,229	2,861,000	3,109,248	2,873,000	2,723,015	2,452,300	14,018,563	15,996,999
62 Water Resources															
62	FA-1	Submersible Well Pumps	FA	Rates	632519001	-	-	5,500	15,000	15,000	15,000	15,000	15,000	75,000	80,500
62	FA-2	Submersible Electric Motors	FA	Rates	632519002	-	-	2,500	12,000	12,000	12,000	12,000	12,000	60,000	62,500
62	FA-3	Telemetry/Cont/Secur/Instr	FA	Rates	633219004	-	-	-	25,000	25,000	25,000	25,000	25,000	125,000	125,000
62	FA-4	Spare RO Transfer Pump	FA	Rates	-	-	-	-	-	40,000	-	-	-	40,000	40,000
62	FA-5	1/2 Ton 4x4 Pickup Truck	FA	Rates	Vehicles	-	-	46,080	-	-	-	50,000	50,000	100,000	146,080
62	1	Raw Water Mains R&R	BLKT	Rates	618	-	-	-	10,000	10,000	10,000	10,000	10,000	50,000	50,000
62	2	Lime CW Transfer Pumps	STD	Rates	627	-	-	-	190,000	-	-	-	-	190,000	190,000
62	3	Stripping Tower Xfer Pumps	STD	Rates	634	-	-	-	170,000	175,000	180,000	-	-	525,000	525,000
62	4	Savannah Repump Rehab	STD	Rates	644	-	-	242,000	735,000	-	-	-	-	735,000	977,000
62	5	South Hutchinson Island GST	STD	Rates	647	-	-	-	140,000	-	-	-	-	140,000	140,000
62	6	Dryer Building Reutilization	STD	Rates	680	-	-	100,000	100,000	-	-	-	-	100,000	200,000
62	7	HSP #2 Replacement	STD	Rates	-	-	-	-	-	160,000	-	-	-	160,000	160,000
62	8	1.5 MG Ground Storage Tank	STD	Rates	-	-	-	-	-	150,000	-	-	-	150,000	150,000
62	9	Lime Soft Unit #1 Reconfig	STD	Rates	-	-	-	-	-	350,000	-	-	-	350,000	350,000
62	10	Lawnwood Well Field MCC	STD	Rates	-	-	-	-	-	-	500,000	-	-	500,000	500,000

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2019-23	PROJECT TOTAL
						through 9/30/2017	through 5/22/2018	FY 2018 Budget							
62	11	WTP Control Room Rehab	STD	Rates		-	-	-	-	-	-	100,000	-	100,000	100,000
62	12	Dryer Building MCC	STD	Rates		-	-	-	-	-	-	300,000	-	300,000	300,000
62	13	3 MG Ground Storage Tank	STD	Rates		-	-	-	-	-	-	-	200,000	200,000	200,000
62	14	WTP Fencing	STD	Rates		-	-	-	-	-	-	-	100,000	100,000	100,000
62	15	Recovery Ponds	STD	Rates		-	-	-	-	-	-	-	200,000	200,000	200,000
TOTAL						-	-	396,080	1,397,000	937,000	742,000	512,000	612,000	4,200,000	4,596,080
64	Water Distribution														
64	FA-1	Small Boom Truck	FA	Rates	Vehicles	-	-	-	80,000	-	-	-	-	80,000	80,000
64	FA-2	1/2 Ton 4x4 4Dr Pickup Truck	FA	Rates	Vehicles	-	-	-	50,000	-	-	-	-	50,000	50,000
64	FA-3	The Plug Hug	FA	Rates	639619007	-	-	-	16,000	-	-	-	-	16,000	16,000
64	FA-4	Various vehicles for FY 2020-2023	FA	Rates	Vehicles	-	-	-	-	142,000	297,000	209,000	367,000	1,015,000	1,015,000
64	FA-5	Various FA for FY 2020-2023	FA	Rates		-	-	-	-	21,000	111,000	111,000	132,000	132,000	132,000
64	1	Meter/Backflow Preventers	BLKT	CIA	603	64,649	86,852	98,148	185,000	185,000	185,000	185,000	185,000	925,000	1,174,649
64	2	Fire Hydrant Replacements	BLKT	Rates	606	66,761	59,468	4,978	75,000	77,250	79,568	81,955	84,413	398,186	529,393
64	3	Meter Changeouts	BLKT	Rates	612	196,477	129,952	80,048	210,000	-	-	-	-	210,000	616,477
64	4	Main/Serv/Valve Replacement	BLKT	Rates	615	509,070	134,520	390,251	525,000	540,750	556,973	573,682	590,892	2,787,297	3,821,138
64	5	Advanced Metering Infrastructure	STD	Debt	623	-	-	-	-	850,400	850,400	850,400	850,400	3,401,600	3,401,600
TOTAL						836,957	410,792	573,425	1,141,000	1,795,400	1,989,941	2,011,037	2,077,705	9,015,083	10,836,257
66-W	Water Engineering														
66-W	FA-1	1/2 Ton 4x4 Pickup Truck	FA	Rates	Vehicles	-	-	47,600	23,500	-	-	-	-	23,500	71,100
66-W	1	Surficial Well Replacement	BLKT	Rates	602	-	-	-	-	282,750	286,000	289,250	292,500	1,150,500	1,150,500
66-W	1	Surficial Well Replacement	BLKT	CIC	602	-	-	-	-	152,250	154,000	155,750	157,500	619,500	619,500
66-W	2	Fire Hydrant New Installations	BLKT	CIC	607	6,009	605	11,395	12,360	12,731	13,113	13,506	13,911	65,621	83,630
66-W	3	City Roadway Projects	BLKT	Rates	608	-	-	-	350,000	300,000	300,000	300,000	300,000	1,550,000	1,550,000
66-W	4	Miscellaneous MSBU	BLKT	CIA	609	-	-	-	-	280,000	280,000	280,000	280,000	1,120,000	1,120,000
66-W	4	Miscellaneous MSBU	BLKT	CIC	609	-	-	-	-	70,000	70,000	70,000	70,000	280,000	280,000
66-W	5	New Construction-Mains	BLKT	CIC	610	-	-	31,186	25,000	25,000	25,000	25,000	25,000	125,000	156,186
66-W	6	New Construction-Custmr Funded	BLKT	CIA	611	-	-	42,516	25,000	25,000	25,000	25,000	25,000	125,000	167,516
66-W	7	SLC Roadway Projects	BLKT	Rates	613	-	-	-	130,000	100,000	100,000	100,000	100,000	530,000	530,000
66-W	8	Customer Base Expansion Projects	BLKT	Debt	614	-	-	-	525,000	525,000	525,000	525,000	525,000	2,625,000	2,625,000
66-W	9	Water Main Looping	BLKT	CIC	616	-	-	-	110,000	110,000	110,000	110,000	110,000	550,000	550,000
66-W	10	Water Mains Misc R&R	BLKT	Rates	617	301	650	12,350	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	5,013,301
66-W	11	Governmental & Other Required	BLKT	Rates	620	9,722	-	35,000	110,000	110,000	110,000	110,000	110,000	550,000	594,722
66-W	12	Subaqueous Mains Stabilization	STD	Rates	639	-	-	-	-	160,000	160,000	160,000	160,000	640,000	640,000
66-W	13	Ave M - 25th to 13th	STD	Rates	642	2,065	6,966	295,034	400,000	-	-	-	-	400,000	704,065
66-W		Avenue B WM Repl-N 8th-N 7th	STD	Rates	646	-	-	2,500	-	-	-	-	-	-	2,500
66-W		Avenue A - N 8th to N 7th	STD	Rates	650	203	619	4,381	-	-	-	-	-	-	5,203
66-W		WM Loop East of Selvitz	STD	CIC	652	544	-	13,000	-	-	-	-	-	-	13,544
66-W		East Ohio Ave WM Replacement	STD	Rates	656	51,325	5,306	3,577	-	-	-	-	-	-	60,208
66-W	14	US Hwy 1 - Midway to Edwards	STD	Rates	658	10,665	78,338	283,661	20,000	-	-	-	-	20,000	392,664
66-W	15	Mura MSBU	STD	CIA	659	-	-	-	440,000	-	-	-	-	440,000	440,000
66-W	15	Mura MSBU	STD	CIC	659	-	-	-	80,000	-	-	-	-	80,000	80,000
66-W	16	Iroquois MSBU	STD	CIA	673	-	-	-	354,000	-	-	-	-	354,000	354,000
66-W	16	Iroquois MSBU	STD	CIC	673	-	-	-	57,000	-	-	-	-	57,000	57,000
66-W		Savannah PS WM Addition	STD	Rates	682	-	-	50,000	-	-	-	-	-	-	50,000
66-W	17	Midway Road - US 1 to 25th St.	STD	Rates	684	24,090	440,898	162,283	40,000	-	-	-	-	40,000	667,271
66-W	18	Floridan Well Field Generator	STD	Rates	685	-	-	-	50,000	500,000	-	-	-	550,000	550,000
66-W	19	Midway Road - Elm Ave to 25th	STD	CIC	686	34,152	366,619	593,347	40,000	-	-	-	-	40,000	1,034,118
66-W		2nd St-Seaway to Taylor Creek	STD	Rates	687	541,077	8,139	247,860	-	-	-	-	-	-	797,076

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2019-23	PROJECT TOTAL
						through 9/30/2017	through 5/22/2018	FY 2018 Budget							
66-W	20	Kings Hwy-Okee Rd to Orange Av	STD	CIA	690	864	3,162	161,872	50,000	200,000	-	-	-	250,000	415,898
66-W	20	Kings Hwy-Okee Rd to Orange Av	STD	CIC	690	-	-	-	700,000	200,000	-	-	-	900,000	900,000
66-W	21	Fisherman's Wharf - Rdwy Proj	STD	Rates	695	-	4,384	15,616	30,000	-	-	-	-	30,000	50,000
66-W	22	RO Upgrades/Electric Upgrades	STD	CIC		-	-	-	-	315,000	-	-	-	315,000	315,000
TOTAL						681,017	915,686	2,013,178	4,571,860	4,367,731	3,158,113	3,163,506	3,168,911	18,430,121	22,040,002
56-G Electric & Gas Engineering - Gas															
56-G	1	Gas System Expansion	BLKT	Debt	714	-	-	-	200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000
56-G	2	Kings Hwy-Okee Rd to Angle Rd	STD	Rates	726	-	-	63,500	170,000	33,000	-	-	-	203,000	266,500
56-G	3	SCADA Monitoring	STD	Rates	734	5,758	54,748	93,632	50,000	-	-	-	-	50,000	204,138
56-G	4	Waste Pro Loop	STD	Rates	746	-	-	-	50,000	-	-	-	-	50,000	50,000
56-G		US Hwy 1 - Midway to Edwards	STD	Rates	758	17,587	121,651	38,349	-	-	-	-	-	-	177,587
56-G	5	13th St - Virginia to Ave Q	STD	Rates	780	23,993	-	10,000	10,000	-	-	-	-	10,000	43,993
56-G	6	Midway Road - US 1 to 25th St.	STD	Rates	784	39,449	3,215	8,285	10,000	-	-	-	-	10,000	60,949
56-G		2nd St-Seaway to Taylor Creek	STD	Rates	787	164,345	1,182	6,318	-	-	-	-	-	-	171,845
56-G		Paradise Park	STD	Rates	791	40,088	-	6,500	-	-	-	-	-	-	46,588
56-G	7	Fisherman's Wharf - Rdwy Proj	STD	Rates	795	-	-	-	23,000	65,000	-	-	-	88,000	88,000
56-G	8	IRSC Loop	STD	Rates		-	-	-	-	55,000	-	-	-	55,000	55,000
TOTAL						291,220	180,796	226,584	513,000	353,000	200,000	200,000	200,000	1,466,000	2,164,600
74 Gas Operations															
74		3/4 Ton Pickup Truck	FA	Rates	Vehicles	-	-	50,000	-	-	-	-	-	-	50,000
74		2018 Ford Econoline E-350 CNG	FA	Rates	Vehicles	-	-	55,000	-	-	-	-	-	-	55,000
74	FA-1	Medium Size SUV	FA	Rates	Vehicles	-	-	-	50,000	50,000	55,000	65,000	65,000	285,000	285,000
74	FA-2	CNG Filling Station	FA	Rates	737719003	-	-	205,000	50,000	-	-	-	-	50,000	255,000
74	1	Gas System Renewals	BLKT	Rates	704	3,955	666	16,334	37,500	33,000	18,500	19,000	19,500	127,500	148,455
74	2	Gas System New Revenue	BLKT	Rates	705	34,860	24,864	15,196	82,000	85,000	88,000	91,000	94,000	440,000	514,920
74	2	Gas System New Revenue	BLKT	CIA	705	34,694	24,864	15,196	25,000	25,000	25,000	25,000	25,000	125,000	199,754
74	3	Meter & Regulator Changeouts	BLKT	Rates	706	52,497	28,525	80,475	119,000	75,100	80,100	85,100	90,100	449,400	610,897
74	4	Excess Flow Valves (EFV's)	BLKT	CIA	707	-	-	50,000	10,000	10,000	10,000	10,000	10,000	50,000	100,000
74	5	Valve Installation/Replacements	BLKT	Rates	708	-	-	-	25,000	25,000	25,000	25,000	25,000	125,000	125,000
74	6	Customer Funded Projects	BLKT	CIA	710	1,508	-	43,534	50,000	50,000	50,000	50,000	50,000	250,000	295,042
74	7	Governmental & Other Required	BLKT	Rates	720	1,152	184	1,666	196,000	137,000	130,000	133,000	136,000	732,000	735,002
74	7	Governmental & Other Required	BLKT	CIA	720	31,136	4,966	45,034	25,000	25,000	25,000	25,000	25,000	125,000	206,136
74	8	Advanced Metering Infrastructure	STD	Debt	723	-	-	-	-	110,600	110,600	110,600	110,600	442,400	442,400
TOTAL						159,802	84,069	577,435	669,500	625,700	617,200	638,700	650,200	3,201,300	4,022,606
66-WW Wastewater Engineering															
66-WW	FA-1	1/2 Ton 4x4 Pickup Truck	FA	Rates	Vehicles	-	-	-	23,500	-	-	-	-	23,500	23,500
66-WW	1	City Roadway Projects	BLKT	Rates	808	-	-	-	675,000	225,000	225,000	225,000	225,000	1,575,000	1,575,000
66-WW	2	New Construction-Mains	BLKT	CIC	810	-	545	35,455	40,000	41,493	43,338	45,239	47,198	217,268	253,268
66-WW	3	New Construction-Custmr Funded	BLKT	CIA	811	-	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	300,000
66-WW	4	St Lucie County Roadway Proj	BLKT	Rates	813	-	-	-	150,000	100,000	100,000	100,000	100,000	550,000	550,000
66-WW	5	Customer Base Expansion Projects	BLKT	Debt	814	-	-	-	200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000
66-WW	6	Wastewater Main Misc. R&R	BLKT	Rates	817	855	6	119,994	296,000	670,000	900,000	900,000	900,000	3,666,000	3,786,855
66-WW	7	Sewer Lining Projects	BLKT	Rates	818	-	-	-	125,000	125,000	125,000	125,000	125,000	625,000	625,000
66-WW	8	Developer Contributions	BLKT	CIA	819	-	-	-	250,000	-	-	-	-	250,000	250,000
66-WW	9	Governmental & Other Required	BLKT	Rates	820	4,485	-	50,000	50,000	200,000	200,000	200,000	200,000	850,000	904,485
66-WW	10	IWRF Diffuser Reconstruction	STD	Rates	832	-	-	-	300,000	-	-	-	-	300,000	300,000
66-WW	11	LS E Pump/Electric Upgrades	STD	Rates	834	78,846	1,514	698,486	700,000	-	-	-	-	700,000	1,478,846
66-WW	12	16-Inch Force Main Orange Ave.	STD	CIC	835	-	-	76,250	1,623,750	-	-	-	-	1,623,750	1,700,000

CAPITAL IMPROVEMENT PLAN SUMMARY

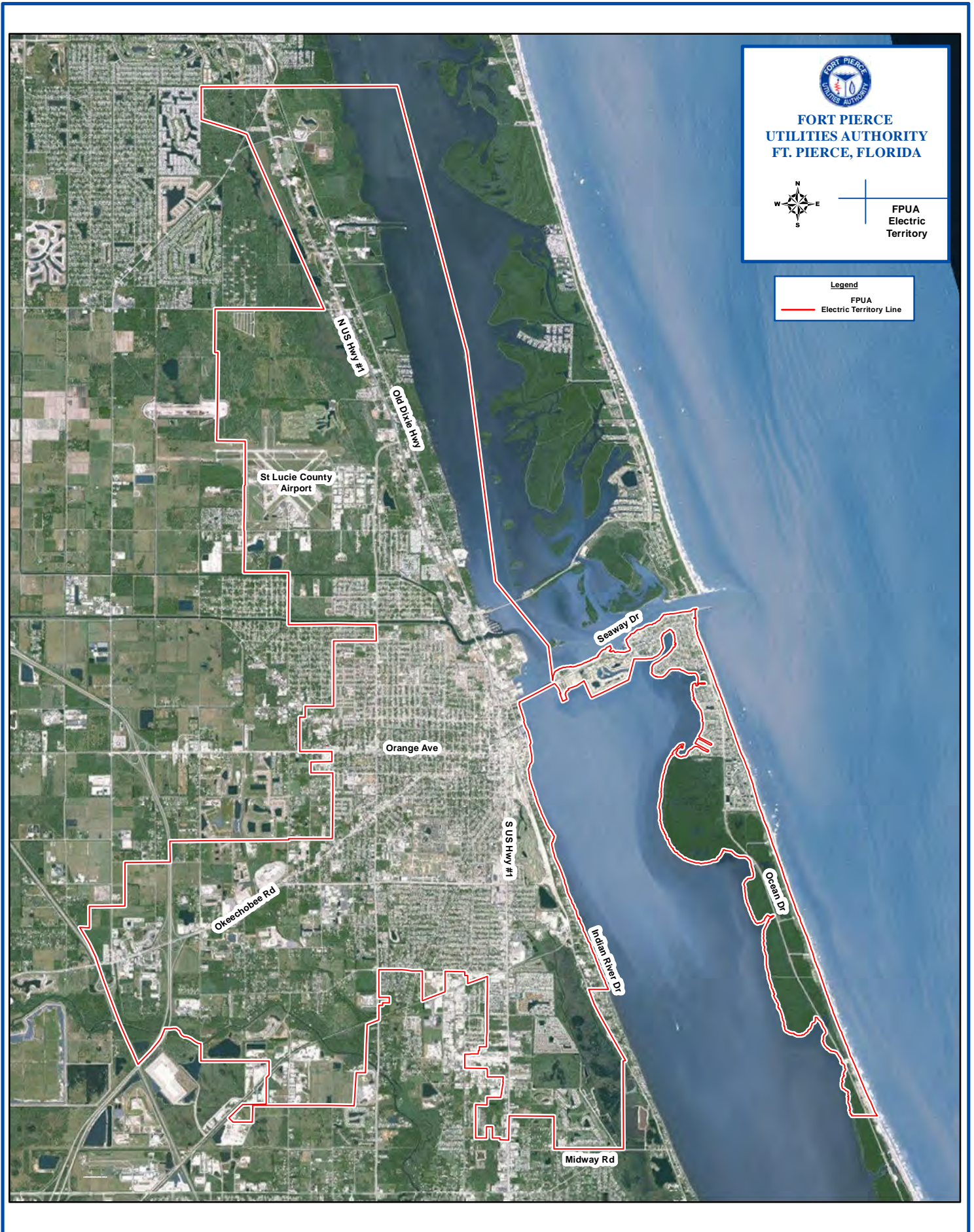
DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2019-23	PROJECT TOTAL
						through 9/30/2017	through 5/22/2018	FY 2018 Budget							
66-WW	13	IWRF Emergency Standby Gen	STD	Rates	838	-	35,250	959,750	2,220,000	-	-	-	-	2,220,000	3,215,000
66-WW	14	Subaqueous Mains Stabilization	STD	Rates	839	-	-	125,000	-	160,000	160,000	160,000	160,000	640,000	765,000
66-WW	15	Digiorgio Road Sanitary	STD	CIA	840	-	-	24,000	350,000	100,000	-	-	-	450,000	474,000
66-WW	15	Digiorgio Road Sanitary	STD	Debt	840	-	-	-	550,000	100,000	-	-	-	650,000	650,000
66-WW	16	Ave M - 25th to 13th	STD	Rates	842	1,146	5,827	274,173	400,000	-	-	-	-	400,000	681,146
66-WW	17	US Hwy 1 - Midway to Edwards	STD	Rates	858	1,393	91,453	12,154	20,000	-	-	-	-	20,000	125,000
66-WW	18	Midway Road - US 1 to 25th St.	STD	Rates	884	286	28,571	6,429	10,000	-	-	-	-	10,000	45,286
66-WW	19	Midway Road - Elm Ave to 25th	STD	Rates	886	4,830	3,570	51,430	10,000	-	-	-	-	10,000	69,830
66-WW		2nd St-Seaway to Taylor Creek	STD	Rates	887	270,359	-	118,078	-	-	-	-	-	-	388,437
66-WW	20	Kings Hwy-Okee Rd to Orange Av	STD	Rates	890	168	1,690	36,205	140,000	194,000	-	-	-	334,000	372,063
66-WW	20	Kings Hwy-Okee Rd to Orange Av	STD	CIA	890	-	-	-	-	81,000	-	-	-	81,000	81,000
66-WW	20	Kings Hwy-Okee Rd to Orange Av	STD	CIC	890	98	986	21,119	290,000	-	-	-	-	290,000	312,203
66-WW	21	Fisherman's Wharf - Rdwy Proj	STD	Rates	895	1,139	2,014	2,986	95,000	-	-	-	-	95,000	101,139
TOTAL						363,605	171,426	2,661,509	8,568,250	2,246,493	2,003,338	2,005,239	2,007,198	16,830,518	20,027,058
82	Water Reclamation														
82	FA-1	Golf Cart	FA	Rates	Vehicles	-	-	7,800	10,000	10,000	-	-	-	20,000	27,800
82	FA-2	IWRF DIW Pump Replacement	FA	Rates		-	-	-	-	-	-	80,000	-	80,000	80,000
82	FA-3	1/2 Ton Pickup Truck	FA	Rates	Vehicles	-	-	-	40,000	80,000	-	-	-	120,000	120,000
82	FA-4	Chemical Pump Skids	FA	Rates	837219003	-	-	-	20,000	-	-	-	-	20,000	20,000
82	FA-5	Gate Actuators	FA	Rates		-	-	-	-	70,000	-	-	-	70,000	70,000
82	FA-6	IWRF Deep Well Valves	FA	Rates		-	-	-	-	-	-	100,000	-	100,000	100,000
82	1	Telemetry & Controls	BLKT	Rates	803	-	-	2,200	10,000	10,000	10,000	10,000	10,000	50,000	52,200
82	2	Structural Replacements	BLKT	Rates	804	-	-	25,000	25,000	25,000	25,000	25,000	25,000	125,000	150,000
82		Surge Tank Control Replacement	STD	Rates	822	-	-	30,000	-	-	-	-	-	-	30,000
82	3	Bar Screen Replacement	STD	Rates		-	-	-	-	-	135,000	-	-	135,000	135,000
82	4	W-2 System Upgrade	STD	Rates	827	-	-	-	60,000	-	-	-	-	60,000	60,000
82	5	DAF Renovation	STD	Rates		-	-	-	-	-	-	-	75,000	75,000	75,000
TOTAL						-	-	65,000	165,000	195,000	170,000	215,000	110,000	855,000	920,000
84	Wastewater Collection														
84	FA-1	Lift Station Pump Replacement	FA	Rates	836119001	-	18,274	26,726	30,000	30,000	30,000	30,000	30,000	150,000	195,000
84	FA-2	Service Truck & Equip	FA	Rates	Vehicles	-	-	88,025	88,000	100,000	350,000	100,000	44,000	682,000	770,025
84	FA-3	L.S. "A" Pump Replacement	FA	Rates		-	-	-	-	-	100,000	-	-	100,000	100,000
84	FA-4	Dry Prime By-pass Pump	FA	Rates	836519006	-	-	-	30,000	-	-	-	-	30,000	30,000
84	1	Telemetry & Controls	BLKT	Rates	801	8,005	-	-	50,000	50,000	50,000	50,000	50,000	250,000	258,005
84	2	Lift Station Improvements	BLKT	Rates	802	-	-	1,000	100,000	100,000	100,000	100,000	100,000	500,000	501,000
84	3	Mains and Laterals R&R	BLKT	Rates	805	282,963	317,524	57,476	375,000	375,000	375,000	375,000	375,000	1,875,000	2,532,963
84	4	Lift Station Control Panels	BLKT	Rates	806	4,350	14,602	11,773	50,000	50,000	50,000	50,000	50,000	250,000	280,725
84	5	Wastewater Main Lining	BLKT	Rates	815	407,685	62,574	387,426	375,000	375,000	375,000	375,000	375,000	1,875,000	2,732,685
84	6	Manhole Rehabilitation	BLKT	Rates	816	101,376	50,829	49,171	110,000	110,000	110,000	110,000	110,000	550,000	751,376
TOTAL						804,379	463,803	621,597	1,208,000	1,190,000	1,540,000	1,190,000	1,134,000	6,262,000	8,151,779
93	FPUAnet Communications														
93	1	FPUAnet Communication Services	BLKT	Rates	914	46,647	6,290	82,710	114,000	126,000	137,000	150,000	166,000	693,000	828,647
93	1	FPUAnet Communication Services	BLKT	CIA	914	6,290	848	11,152	11,000	12,000	14,000	16,000	18,000	71,000	89,290
93	2	FPUAnet Wireless Communication	BLKT	Rates	916	13,331	2,471	29,529	27,000	27,000	27,000	27,000	27,000	135,000	180,331
93	2	FPUAnet Wireless Communication	BLKT	CIA	916	1,666	309	3,691	3,000	3,000	3,000	3,000	3,000	15,000	20,666
93	3	FPUAnet Regional Connections	BLKT	Rates	917	822	-	33,480	18,000	18,000	18,000	18,000	18,000	90,000	124,302
93	3	FPUAnet Regional Connections	BLKT	CIA	917	63	-	2,520	2,000	2,000	2,000	2,000	2,000	10,000	12,583

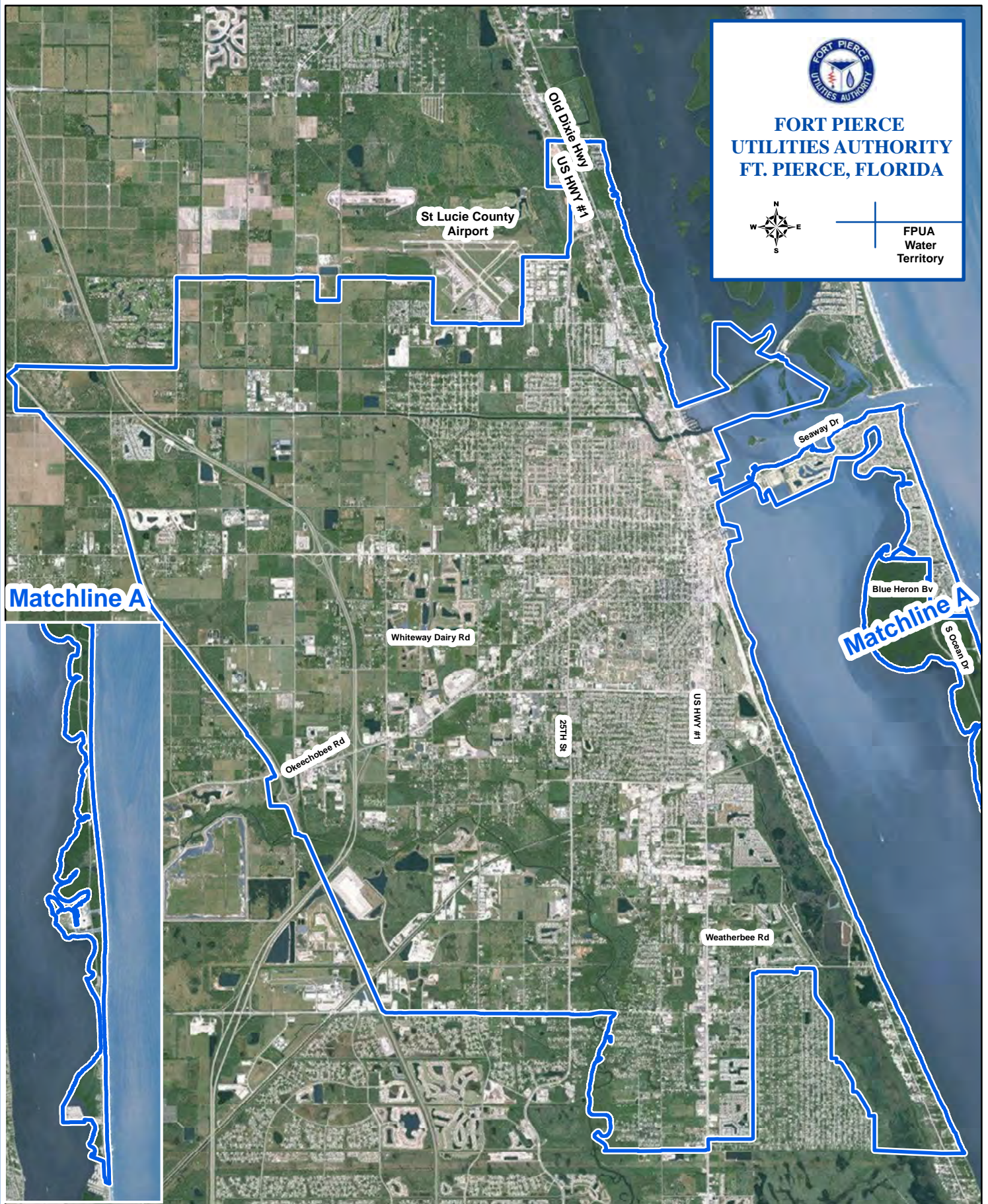
CAPITAL IMPROVEMENT PLAN SUMMARY

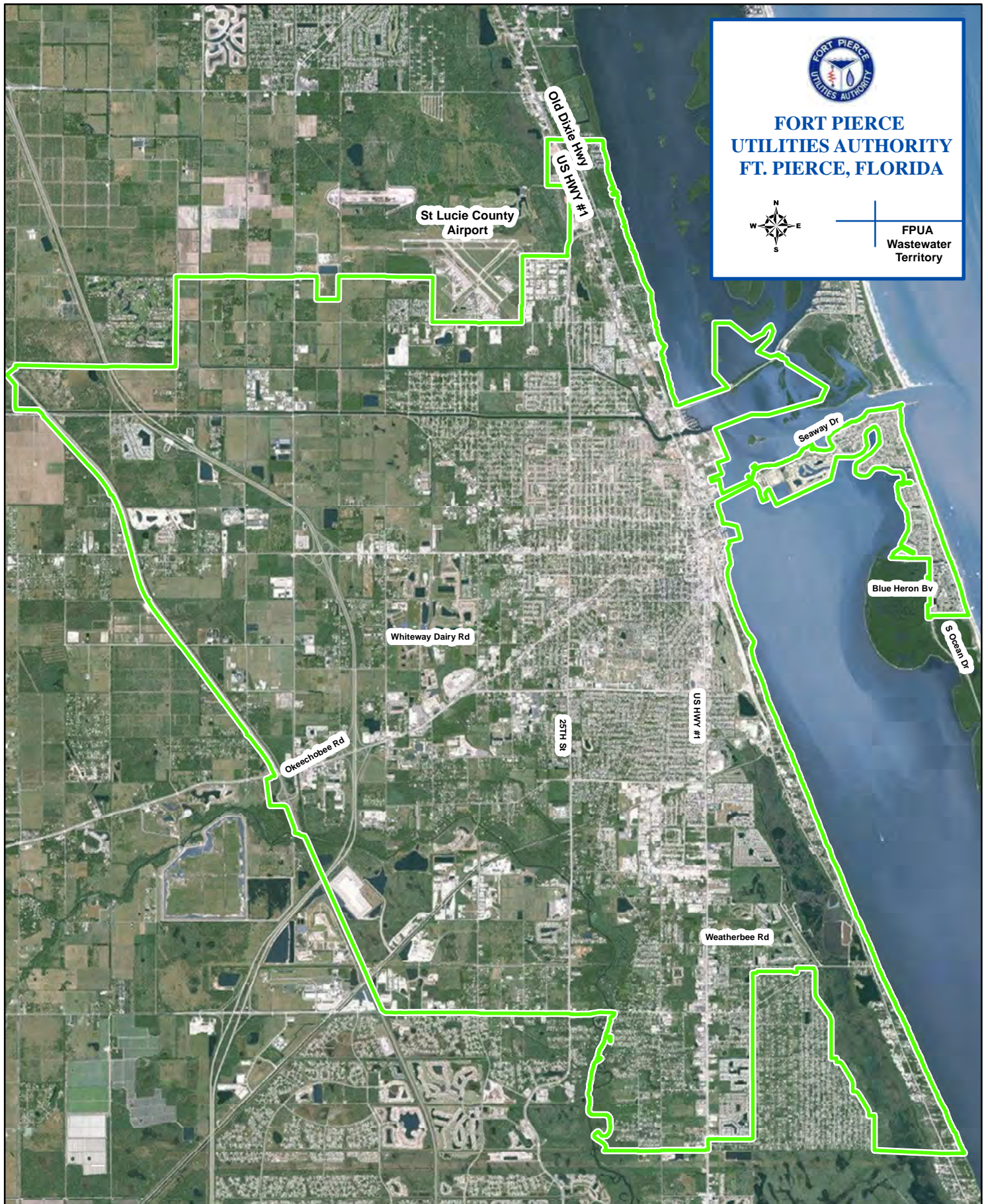
DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception through 9/30/2017	Spent through 5/22/2018	Remaining FY 2018 Budget	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2019-23	PROJECT TOTAL
93	4	FPUAnet GPON Services	BLKT	Rates	920	-	-	-	140,000	140,000	140,000	140,000	140,000	700,000	700,000
93	4	FPUAnet GPON Services	BLKT	CIA	920	-	-	-	10,000	10,000	10,000	10,000	10,000	50,000	50,000
TOTAL						68,819	9,918	163,082	325,000	338,000	351,000	366,000	384,000	1,764,000	2,005,819
21	Finance														
21	1	Contingencies		Contingencies		-	-	-	500,000	-	-	-	-	500,000	500,000
TOTAL						-	-	-	500,000	-	-	-	-	500,000	500,000
GRAND TOTAL						\$ 4,386,798	\$ 3,037,739	\$ 9,506,426	\$ 27,366,622	\$ 18,055,842	\$ 16,475,704	\$ 15,844,412	\$ 15,658,678	\$ 93,401,258	\$ 110,332,221
		ADMINISTRATION				\$ 31,848	\$ 56,832	\$ 201,029	\$ 998,700	\$ 430,000	\$ 405,000	\$ 275,000	\$ 400,000	\$ 2,508,700	\$ 2,798,409
		ELECTRIC				1,149,150	744,417	2,007,507	7,309,312	5,577,518	5,299,112	5,267,930	4,914,664	28,368,536	32,269,610
		WATER				1,517,974	1,326,478	2,982,683	7,109,860	7,100,131	5,890,054	5,686,543	5,858,616	31,645,204	37,472,339
		NATURAL GAS				451,022	264,865	804,019	1,182,500	978,700	817,200	838,700	850,200	4,667,300	6,187,206
		WASTEWATER				1,167,984	635,229	3,348,106	9,941,250	3,631,493	3,713,338	3,410,239	3,251,198	23,947,518	29,098,837
		FPUAnet COMMUNICATIONS				68,819	9,918	163,082	325,000	338,000	351,000	366,000	384,000	1,764,000	2,005,819
		CONTINGENCIES				-	-	-	500,000	-	-	-	-	500,000	500,000
TOTAL						\$ 4,386,798	\$ 3,037,739	\$ 9,506,426	\$ 27,366,622	\$ 18,055,842	\$ 16,475,704	\$ 15,844,412	\$ 15,658,678	\$ 93,401,258	\$ 110,332,221

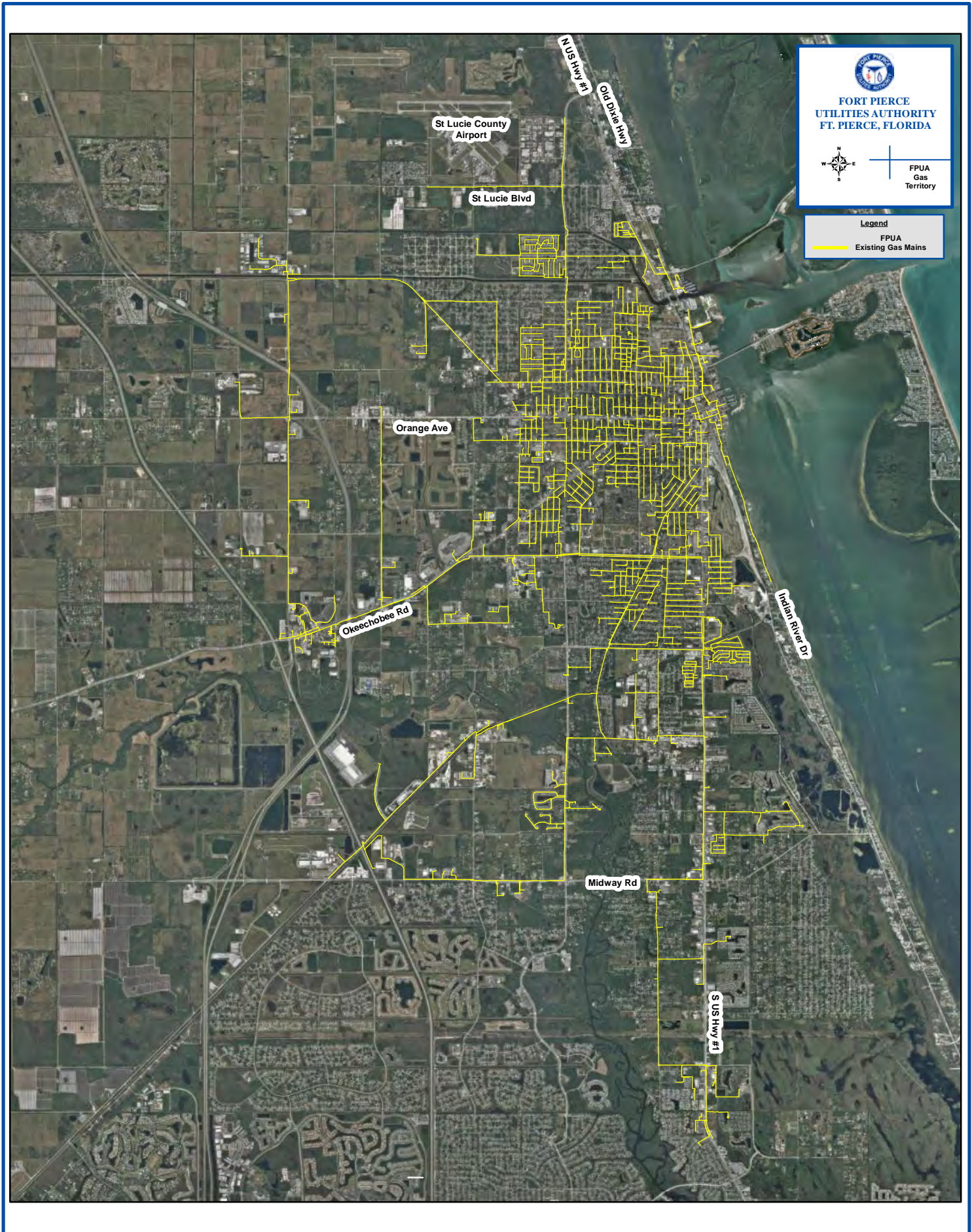


APPENDIX











REVENUE DEFINITIONS

OPERATING REVENUES

Sales Revenues

Residential Inside City – Includes the net billing for electricity, water, or natural gas supplied to or wastewater collected from customers for residential or domestic purposes, inside the city limits.

44010	Electric
46110	Water
47110	Wastewater
48000	Natural Gas

Residential Outside City – Includes the net billing for electricity, water, or natural gas supplied to or wastewater collected from customers for residential or domestic purposes, outside the city limits.

44020	Electric
46120	Water
47120	Wastewater
48020	Natural Gas

General Service Inside City – Includes the net billing for electricity, water, or natural gas supplied to or wastewater collected from customers for commercial or industrial purposes, inside the city limits.

44250	Electric
44251	Electric Economic Development Rate
46140	Water
47150	Wastewater
48100	Natural Gas
48150	Gas Contract Sales
48170	Gas Contract Sales Industrial

General Service Outside City – Includes the net billing for electricity, water, or natural gas supplied to or wastewater collected from customers for commercial and industrial purposes, outside the city limits.

44260	Electric
44261	Electric Economic Development Rate
46150	Water
47160	Wastewater
48120	Natural Gas

REVENUE DEFINITIONS

48190 **Miscellaneous Sales of Compressed Natural Gas (CNG)** - Includes sales for filling gas cylinders with CNG for customers.

Rental Lights – Includes net billing for FPUA owned and maintained outdoor lighting.

44300	Residential Inside City
44320	Residential Outside City
44350	General Service Inside City
44360	General Service Outside City

44400 **Streetlights, Traffic Signals, & Sirens** – Net billing for electricity supplied and services rendered for the purposes of lighting streets, highways, parks and other public places, or for traffic or other signal system service, for municipalities or other divisions or agencies of state or federal governments.

Outside City Surcharge – An additional charge for electric, water, or wastewater service provided outside the city limits of the City of Fort Pierce, collected in accordance with FPUA resolutions and Florida Statutes; applies only to areas of unincorporated St Lucie County.

44610	Residential
44650	General Service

Heat Only – Includes the net billings for natural gas supplied to customers, specifically designed for heating purposes.

48030	Residential Inside City
48040	Residential Outside City
48130	General Service Inside City

Unbilled Service Revenue – Represents an estimate of amounts consumed but not yet billed at the end of the fiscal year. This amount may be a credit or a debit, depending on whether the amount increased or decreased since the prior September 30.

44890	Residential
44900	General Service

PCA/PGA Billed – Power Cost Adjustment and/or Purchased Gas Adjustment billed to the customer.

44910	Residential
44915	General Service
44917	Gas Contracts

REVENUE DEFINITIONS

PCA/PGA Adjustment – The amount of Power Cost Adjustment and/or Purchased Gas Adjustment under- or over-recovered from the customer each month.

44920 Residential
44925 General Service

45400 **Rent from Electric Property** – Rents received for the use by others of land, buildings, and other property owned by the utility. Rental charged to telecommunications companies for use of FPUA-owned utility poles.

46300 **Unmetered Fire Protection** – Monthly charge for water service to private hydrants, sprinkler systems, hose cabinets, standpipes or any other device used exclusively for fire protection.

46600 **Sales for Resale** – Bulk water sales to St. Lucie County.

47230 **Revenue from Public Authorities** – Revenue received from St. Lucie County for wastewater collection services provided in bulk.

Other Operating Revenues

45000 **Penalty Charges** – Additional charges imposed because of the failure of customers to pay their utility bill on or before a specified date.

48800 **Miscellaneous Service Revenues** – Includes revenues from all miscellaneous services and charges billed to customers which are not specifically provided for in other accounts.

Field Contact – A charge to defray the cost of disconnecting and reconnecting utility service previously discontinued or ordered discontinued for cause or because of nonpayment of amounts due.

48801 Electric
48804 Natural Gas
48807 Water
48812 Sewer with Water

48810 **Customer Care Service Plan** – Maintenance plan for natural gas appliances.

48833 **Gas Repairs & Maintenance** – A charge for gas maintenance, repair, and installation work performed by FPUA on a Customer's premises.

REVENUE DEFINITIONS

Re-activation of Service Charges – A charge for the subsequent re-establishment of utility service to the premises where such service was previously disconnected without cause.

48834 Electric

48835 Gas

48838 **Tampering Charges** – Includes any fees applied to utility service accounts where cut/missing seal(s), meter tampering, theft of service, or unauthorized use has occurred.

Connection Charges – A customer service charge for the establishment of utility service to the premises where such service did not previously exist.

48839 Electric

48840 Water

48841 Wastewater

48846 Natural Gas

48842 **Returned Check Charges** – Revenues received from customers in an effort to recover any expenses associated with banking fees for insufficient funds, closed accounts, or other fees incurred as a result of a dishonored payment instrument.

48844 **Late Payment Charges** – A charge to defray the cost of dispatching field personnel to disconnect service for nonpayment of amounts due. The Late Payment Charge shall be applied to each account when the past due amount plus the Penalty Charge is not paid before FPUA prepares the bill for the month following the delinquent bill month. This charge is in addition to the Penalty Charge.

48845 **Write-Off Fees** – A charge to defray the cost of the collection of recovered bad debts.

48868 **Certified Letter Fees** – A charge applied to those customers who have advised the Authority in writing of the necessity for Life Sustaining Medical Equipment, and whose delinquent account requires certified letter notification of the disconnection of services.

49500 **Other Operating Revenue** – Includes all other operating revenue not specifically provided for in other accounts.

49510 **Site Plan Review Fees** – A charge applied to those private developers submitting project designs and permit applications to FPUA for review and approval in connection with the establishment of new utility service or expansion of existing services.

49520 **Guaranteed Revenue Charges** – Includes charges on any person desiring to receive a commitment to reserve water and/or wastewater capacity for future development from FPUA.

REVENUE DEFINITIONS

- 49525 **Accrued Guaranteed Revenue Charges** – Includes accrued charges on each new water and/or wastewater service connection for the re-payment of the proportionate carrying costs of water supply, wastewater treatment, and water and wastewater transmission facilities constructed or acquired in excess of those needed to serve current customers and that are held in reserve for future use by future customers.
- 49530 **Lien Fees** – A charge to cover the cost of processing the Capital Charge Installment Payment Agreement for new water/wastewater services and to cover the cost of recording the associated Release of Lien upon payment in full.
- 49563 **Strong Waste Fees** – Fees charged for wastewater discharged to the FPUA Wastewater System, which contain substances in excess of the standard strength for wastewater. This Excess Strength Surcharge is intended to defray the additional cost of receiving, transporting, and treatment of those substances.
- 49565 **Industrial WW Discharge Permits** – Fees charged for Industrial Pretreatment Permits, required if wastewater flows from the facility involve industrial processes.
- 49570 **Lift Station Maintenance Revenue** – Includes revenue received for the operation and maintenance of privately owned lift stations.

Manatee Observation & Education Center Revenues

- 41700 **Admissions** – Includes all children, adult and senior fees paid by visitors to the Manatee Observation and Education Center.
- 41730 **FPUA Contribution** – Monthly contribution made to the Manatee Observation and Education Center in an amount equal to the Manager's compensation package, in accordance with the Memorandum of Understanding between the City of Fort Pierce, Fort Pierce Main Street, Inc. and FPUA.
- 41740 **Donations - Other** – All other donations received by the Manatee Observation and Education Center that are not otherwise specifically classified.
- 41750 **Grant Revenue** – Grant revenue received from non utility operations; specific to MOEC.
- 41760 **Membership Income** – Includes all revenue associated with varied levels of annual membership fees offered to the public.
- 41770 **Fund Raising Income** – Represents all funds received as a direct result of the Manatee Observation and Education Center's fundraising activities.
- 41780 **Teaching Income & Camps** – Includes summer camps, weekend events, educational classes and other camps.

REVENUE DEFINITIONS

41785 **Boat Tour Income** – Comprised of all funds collected in exchange for various boat tours of the Indian River Lagoon.

41790 **Sales Gift Shop** – Includes all sales from the Manatee Observation and Education Center gift shop; both on site and through Internet purchases.

41791 **Shipping & Handling Internet** – Funds received by the Manatee Observation and Education Center designed to offset the expense of shipping items directly to customers.

FPUAnet Communications Revenues

44840 **Dedicated Internet Access** – Highly reliable fiber-optic-based Internet access with guaranteed bandwidth.

44860 **Wireless Broadband Internet Access** – Internet access through wireless connections.

44870 **Wireless Bandwidth Connections** – Data connections between sites through wireless connections.

48866 **Dark Fiber Transmission** – Point-to-point direct fiber optic links, without electronics.

48869 **Fiber Bandwidth Connections** – Data connections between sites through fiber optic connections.

48872 **Common Carrier Telecom Services** – Communication services made available to any local school, library, health care or other institution supported under the Universal Service Administrative Company (USAC) within reach of current infrastructure.

NON – OPERATING REVENUES

41570 **Gas Piping Revenue** – Amounts charged for privately owned natural gas piping installed by FPUA.

41580 **Appliance Sales** – Natural gas appliances sold to customers and installed by FPUA for private operation and maintenance.

41670 **Gas Piping Labor and Materials** – Costs associated with the installation of privately owned natural gas piping.

41680 **Cost of Appliances Sold** – Cost of water heaters and other appliances sold to customers.

41720 **FMPA TCEC O&M Contract Revenue** – Reimbursement of costs associated with staffing the Treasure Coast Energy Center, received from Florida Municipal Power Agency. It is assumed that all TCEC costs will be reimbursed, and that this system operates at no net cost to FPUA.

REVENUE DEFINITIONS

- 41910 **Interest Income** – Interest earned on interest-bearing assets.
- 41950 **Net Change in Future Value of Investments** – The amount of the difference between the book value of an investment and its net realizable value.
- 42100 **Miscellaneous Non-Operating Income** – All non-operating revenues not specifically provided for in other accounts.
- 42110 **Gain on Property Disposition** – Gain on the sale, conveyance, exchange, or transfer of utility or other property to another.
- 42120 **Loss on Property Disposition** – Loss on the sale, conveyance, exchange or transfer of utility or other property to another.
- 42148 **Revenue for City Billing** – Monthly charge for sanitation billing services provided to the City of Fort Pierce.
- 49540 **Collection Allowance SLV** – Monthly charge for sanitation billing services provided to St. Lucie Village.
- 42200 **Grant Revenue** – Funds received from external agencies with specific restrictions and limitations on use and disbursement.
- 43400 **Extraordinary Income** – Gains of unusual nature and infrequent occurrence.

CAPITAL CONTRIBUTIONS

- 43701 **Contributed Capital Cash** – Capital received from developers or other agencies in the form of cash for the purpose of expanding or improving the utility operations.
- 43702 **Capital Improvement Charges** – Revenue designed to recover the capital costs associated with providing utility service(s) to new development(s).
- 43750 **Contributed Capital Non-Cash** – Capital received from developers or other agencies in a form other than cash for the purpose of expanding or improving the utility operations.

OBJECT CODE DEFINITIONS

- 1010 **Salaries & Wages** – Charges to this code are entered through the payroll system. Sick and vacation leave conversion, and standby pay are also charged to this code.
- 1020 **Overtime** – Charges to this code are entered through the payroll system.
- 2110 **Advertising** – Costs of all types of advertising (e.g., classified, legal, informational and instructional, or promotional advertising). Media includes newspapers, periodicals, the yellow pages, direct mail, radio, etc. Purposes include employment openings, public hearings, internet services, natural gas services, etc. 2122 **Rentals** – Cost of all rentals (e.g., uniforms, street saws, machines, tools, barricades, right-of-ways, alarm systems, building space, scaffolding, sandblasters, or chain saws).
- 2131 **Maintenance of Buildings** – Cost of repairs and improvements to, or maintenance of structures performed by outside vendors not under contract, (e.g., roof repairs, air conditioning repairs (not window units), door lock repairs, plumbing repairs, or painting). Improvements, maintenance or repairs performed by the Facilities department which become a permanent part of the structure are also coded here.
- 2132 **Maintenance of Vehicles** – Cost of parts, supplies and/or repairs and maintenance of vehicles and forklifts performed by outside vendors, including maintenance under contract.
- 2133 **Maintenance of Equipment** – Cost of repairs and maintenance of equipment by outside vendors not under contract (e.g., pumps, motors, window unit air conditioners, or computer equipment). Also includes cost of fuel polishing and fuel treatment, if not under contract. Costs associated with the repair or maintenance are also charged to this code (e.g., postage, freight, or gasoline if an employee drives a significant distance to drop off or pick up the repaired equipment).
- 2139 **Maintenance/Service Contracts** – Services performed under an approved contract (e.g., repairs and maintenance of copiers, air conditioners, elevators, or fire extinguishers; tree trimming, welding, lawn maintenance, pest control, deep injection well mechanical integrity testing, or computer hardware and software maintenance), including services provided by the City of Fort Pierce, which are not provided for in another object code. Vehicle repairs and maintenance performed under a contract should be coded to object code 2132, Maintenance of Vehicles.
- 2140 **Postage** – Cost of mailing letters, bills, lab samples, and packages via U.S. Mail, Federal Express, UPS, etc. Postage or freight charges to mail parts or equipment for repairs are charged to object code 2133, Maintenance of Equipment.

OBJECT CODE DEFINITIONS

- 2151 **Printing** – Any forms, cards, or booklets printed by outside printers. This includes, but is not limited to, bills, bill inserts, door hangers and preprinted envelopes.
- 2161 **Professional Fees - Audit** – Fees paid to FPUA’s independent CPAs for the annual audit.
- 2164 **Professional Fees - Consulting/Engineering** – Fees paid to consultants and engineers for services which will not result in a capital project (e.g., insurance consultant, rate consultant, or financial advisor).
- 2165 **Temporary Labor** – Temporary services such as Labor Finders, Synerfac Technical Staffing, Manpower, or Accountemps. Training provided by temporary personnel should be coded to object code 2170, Training.
- 2166 **Professional Fees - Other** – Fees paid to attorneys, architects, credit agencies, armored transport services, security guards, offsite payment locations, microfilming and imaging, labs (testing samples), testing of line workers' rubber goods, testing transformers, density tests, leak surveys/tests, Sunshine State One-Call, plumbing services for customer service lines, etc. Also includes amounts paid to outside vendors for information technology related services.
- 2170 **Training** – Costs incurred for seminars, schools, conferences, textbooks and materials which involve training, including travel expenses (e.g., accommodations, meals, gas, mileage, or airfare). Includes training provided by temporary personnel. Memberships for the sole purpose of obtaining training or registration fees at discounted rates, as well as reimbursements to employees for approved educational expenses, are also coded here.
- 2171 **Travel** – Costs incurred for travel to meetings, conferences and trade shows that are not primarily instructional in nature, moving expenses, and interview travel. Includes gasoline purchased for out-of-town travel.
- 2172 **Car Allowance** – Monthly costs for car allowance; charges to this code are entered through the payroll system.
- 2190 **Communications** – Cost of telephone and fax service, Internet service providers, cable and satellite television service, and automatic vehicle locators.
- 2200 **Utilities** – Cost of electric, water, natural gas, wastewater, and garbage services paid to FPUA and other vendors.
- 2230 **Employee Relations** – Costs incurred for the benefit of employees, such as for the Christmas holiday luncheon, employee/volunteer appreciation events, retirement celebrations and gifts, Thanksgiving holiday awards, funeral flowers, and non-uniform FPUA-provided shirts, as approved by the Director of Utilities.

OBJECT CODE DEFINITIONS

- 2240 **Business Relations** – Meals or other expenses related to the conduct of day-to-day business (e.g., lunches with executives discussing FPUA business; tickets for Chamber of Commerce, United Way, or Economic Development Council events or meetings).
- 2250 **Community Relations** – Costs related to general public relations (e.g., educational videos, costs of informational field trips through FPUA facilities including refreshments, or hosting community related meetings).
- 2260 **Memberships - Professional** – Memberships in professional organizations (e.g., FMEA, AGA, AWWA, Midwest Energy Association, Florida Engineering Society, or National Safety Council), as well as costs associated with being commissioned as a notary.
- 2262 **Memberships - Civic** – Memberships in civic organizations (e.g., Chamber of Commerce, Kiwanis, Rotary, or Main Street Fort Pierce).
- 2290 **Billing - Housing Authority** – Rebate paid to the Fort Pierce Housing Authority (FPHA) for making utility payments to FPUA in one monthly check rather than FPUA having to collect payments from each individual FPHA tenant.
- 3311 **Office Supplies** – Items that cost less than \$5,000, purchased for use in the office (e.g., pens, stationery, envelopes, staples, tape, pencils, chairs, file cabinets, toner cartridges, or paper).
- 3313 **Subscriptions** – Magazines, newspapers, periodicals, reference materials, HostGator, etc.
- 3316 **Operating Supplies** – Items purchased for operations or maintenance of FPUA facilities (e.g., the purchase of software licenses, weed killer, safety equipment, radios, radio accessories, vests, signs, drill bits, compression tools parts, or flashlights). Replacement parts for hand tools, and meal allowances are charged to this code. Assets that do not meet the capitalization criteria are also coded here.
- 3320 **Chemicals** – Chemicals purchased for operations at the Water Treatment Plant, lift stations, and the Water Reclamation Facility.
- 3331 **Vehicle Supplies** – Costs of supplies, equipment, gasoline, oil, etc. for vehicles on FPUA business, as well as fuels used for emergency generators. This includes supplies needed for vehicle repairs and maintenance performed by in-house employees. Work performed by outside vendors is charged to object code 2132, Maintenance of Vehicles.

OBJECT CODE DEFINITIONS

- 3340 **Small Tools** – Small tools purchased that cost less than \$5,000, (e.g., hammers, screwdrivers, shovels, wrenches, saws, drills, sanders, or bolt cutters). Power tools are also included here. Tools that cost more than \$5,000 should be charged to capital codes. Replacement parts are charged to object code 3316, Operating Supplies.
- 3360 **Purchases for Resale** – Electricity, natural gas, water, and internet services purchased for resale to FPUA customers.
- 4010 **Cost of Goods Sold** – Cost of merchandise sold at the Manatee Observation & Education Center.
- 4015 **Sales Discounts** – Discounts offered at the Manatee Observation & Education Center.
- 4020 **Cash (Over) Short** – Cash overages and shortages.
- 4050 **Retirement** – The employer’s portion of the contribution made to the City of Fort Pierce Retirement & Benefit System on behalf of FPUA employees.
- 4060 **FICA** – The employer’s portion of Social Security and Medicare paid to the US Treasury Department on behalf of FPUA employees.
- 4070 **Employees' Insurance** – The employer’s cost of the amount paid for employees' health, life, AD & D, vision and dental insurance. Also includes vaccines for employees.
- 4080 **Employee Suggestions & Awards** – Compensation paid to employees for suggestions to improve FPUA operations, service awards, and safety awards.
- 4090 **Vacation Pay Expense** – The increase or decrease in the dollar value of vested vacation time accrued by employees. This adjustment is computed annually, at the end of each fiscal year.
- 4100 **Sick Pay Expense** – The increase or decrease in the dollar value of vested sick leave accrued by employees. This adjustment is computed annually, at the end of each fiscal year.
- 4110 **Net OPEB Expense** – The actuarially determined normal cost of post employment healthcare benefits, plus the portion of the unfunded actuarial accrued liability amortized in the current period.
- 4509 **Other Taxes** – Non-ad valorem assessments on real property paid to St. Lucie County.
- 4510 **Gross Receipts Tax** – A tax on electric and natural gas gross receipts, less allowable exemptions, paid to the State of Florida.

OBJECT CODE DEFINITIONS

- 4520 **Licenses & Permits** – Licenses necessary to operate FPUA facilities (e.g., water/wastewater permits, FPSC regulatory assessment fees, P.E. licenses, industrial certifications, operator certifications, maintenance of traffic certifications, or building permits for customer installations).
- 4531 **Contributions - Civic** – The contribution made toward the Manatee Observation and Education Center’s operations, as well as to other civic organizations.
- 4600 **Workers’ Compensation** – Premiums, deductibles and expenses paid under Workers’ Compensation laws.
- 4610 **Property & Liability Insurance & Claims** – This code is used for premiums paid to insurance companies for property and liability policies, and the surety bond for the Director of Financial Services. Losses not covered by insurance, as well as expenses incurred in the settlement of claims, are charged to this code. Reimbursements from insurance companies or others for losses and expenses charged hereto shall be credited to this account.
- 4640 **Unemployment Claims** – Paid to the State of Florida for direct unemployment claims made by employees who have left FPUA employment.
- 4666 **Inventory Adjustments** – Adjustments to the inventory system for shortages and overages of inventory, based on actual counts. Write-down or write-off of obsolete inventory items are also charged to this code.
- 4700 **Utility Bad Debt Expense** – Write-offs of utility accounts receivable that are over 90 days past due. Payments on these accounts are credited to this code.
- 5710 **Storm Expenses** – Costs associated with preparation immediately before and restoration after hurricanes or other natural disasters.
- 5721 **Interest - Bonds** – Interest expense paid on bonds issued by FPUA.
- 5723 **Interest - Deposits** – Interest expense paid on customer utility security deposits.
- 5725 **Capitalized Interest** – Credit entry to reflect interest cost charged to capital projects.
- 5729 **Interest - Other** – Interest paid on refunds or late fees.
- 5730 **Bank Charges** – Charges by various banks for paying principal and interest on bonds issued by FPUA and bank service charges for maintenance of checking accounts, credit card and electronic check charges.
- 5731 **Amortization of Bond Discounts** – Allocation of bond discount and deferred charges over the lives of bonds issued by FPUA.

OBJECT CODE DEFINITIONS

- 9000 **Distribution to City of Fort Pierce** – Each year, FPUA pays to the City of Fort Pierce an amount equal to 6% of gross revenues, as defined by Article XII, Sec. 178(d) of the City Charter, derived from the operation of the utilities for the preceding fiscal year, unless the City Commission, by majority vote, agrees to accept a lesser percentage.
- 9005 **Duplicate Charges** – Electric bills for the Electric System are credited to this code and are not considered revenues.
- 9010 **Contingency** – Funds set aside for emergencies, which are only used when approved by the FPUA Board.
- 9030 **Depreciation** – Allocation of the cost of capital assets over their estimated useful lives.
- 9050 **Extraordinary Expense** – Expenses that are deemed to be unusual in nature and whose occurrence is deemed to be infrequent.

GLOSSARY, ABBREVIATIONS & ACRONYMS

AADF – Annual Average Daily Flow

Accrual – The method of accounting that recognizes income when earned and expenses when incurred regardless of when cash is received or disbursed.

Accretion – The incremental increase in the value of FPUA’s Capital Appreciation Bonds charged to interest expense over the life of the bonds.

ADSS – All-Dielectric Self-Supporting fiber optic cable, which contains no electrical conductors and is self-supporting for overhead installations.

AGA – American Gas Association

AICPA – American Institute of Certified Public Accountants

AMI – Advanced Metering Infrastructure

Amperes – is the base unit of electric current

Amortization - The incremental decrease in the value of FPUA’s Capital Appreciation Bonds charged to interest expense over the life of the bonds.

AMR – Automatic Meter Reading

APPA – American Public Power Association

Appropriation – Money that has been set aside for a specific use.

ARP – FMPA’s All Requirements Power Supply Project.

Asset – Property that has value.

ASME – American Society of Mechanical Engineers

Audit – A complete and careful examination of FPUA’s books to insure compliance with all accounting and governmental accounting policies.

AVL – Automatic Vehicle Locators

AWWA – American Water Works Association

Balanced Budget – A budget in which projected expenses for a set period are matched by projected revenues for the same period.

BLKT – Blanket Capital Project

Bonded Debt – Debt evidenced by bonds and collateralized by pledge of and first lien on the net revenues of the combined systems carrying varying interest rates and due dates.

BRC – Budget Review Committee

Btu – British thermal unit is the heat required to raise the temperature of one pound of water by one degree Fahrenheit.

GLOSSARY, ABBREVIATIONS & ACRONYMS

Budget – A financial plan, generally for one fiscal year, presenting proposed expenses and an estimate of the necessary sources of funds; the Budget Document, as prepared and presented to the governing body.

Budgetary Control – The control of revenue and expense, and of changes in assets and liabilities, through the use of planning and forecasting methods.

CABs – Capital Appreciation Bonds

CAD – Computer Assisted Drawing

CAFR – Comprehensive Annual Financial Report

CAIDI – Customer Average Interruption Duration Index measures the average repair time experienced by the average customer during an interruption.

Capital Asset – Property having a useful life in excess of one year, with a unit cost of \$5,000 or more which includes additions, replacements or improvements to land, buildings, structures, equipment, and facilities.

Capital Budget – The portion of the budget devoted to proposed additions to capital assets.

CBS – Core Business System

CCF – One hundred cubic feet of natural gas

CDBG – Community Development Block Grant

CEP – Capital Equipment Plan

CIA – Contribution-in-Aid is cash or property contributed to the utility for specific capital projects funded in whole or in part by outside agencies.

CIC – Capital Improvement Charge is capital derived from developers and customers for improvements to their property. This source of funding is spent on capital which provides for growth and expansion.

CIP – Capital Improvement Plan

Contingency – Budgetary reserve set aside which is not earmarked for a specific purpose and may be used for emergencies or unforeseen costs during a budget year.

Capital Contributions – Cash or non-cash contributions of, or toward the purchase or construction of, capital assets. Capital Improvement Charges and Contribution-in-Aid are specific types of cash Capital Contributions.

CPA – Certified Public Accountant

CSR – Customer Service Representative

CY – Calendar Year

DAF – Diffused Air Flotation

GLOSSARY, ABBREVIATIONS & ACRONYMS

DART Rate (Days Away/Restricted or Job Transfer Rate) –The rate represents the number of recordable incidents per 100 full-time employees that resulted in lost or restricted days or job transfer for a calendar year.

Debt Service – The principal repayment and interest expense associated with the retirement of outstanding debt.

Demand – The amount of electricity a customer or class requires from the system at a certain point in time.

DEP – Department of Environmental Protection

Depreciation – The periodic allocation of the cost of a capital asset over its useful life. Depreciation is a non-cash expense.

DHS – Department of Homeland Security

DIP – Ductile Iron Pipe

DIW – Deep Injection Well

DOE – Department of Energy

DOT – Department of Transportation

DROP – Deferred Retirement Option Program

EAF – Equivalent Availability Factor is a measure that indicates the percentage of time an electric power generating unit was available for service during a period.

EDM – Electronic Document Management

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 basis 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 for other purposes.

EOC – Emergency Operations Center located at 15305 W. Midway Road, Fort Pierce is the management hub for hurricane and other emergencies in St. Lucie County.

EPA – Environmental Protection Agency is an agency of the US federal government; created to protect human health and the environment.

ESC – Energy Services Center is an operations facility located at 1701 S. 37th Street, Fort Pierce which also serves as the FPUA Emergency Command Center during a storm or other emergency.

ESRI – Environmental Systems Research Institute

GLOSSARY, ABBREVIATIONS & ACRONYMS

Expense – A use of financial resources to acquire goods or services consumed in a single year’s current operations.

Extraordinary Items – Items distinguished by their unusual nature and by the infrequency of their occurrence.

FA – Fixed Asset

FAC – Florida Administrative Code

FDIC – Federal Deposit Insurance Corporation

FDEP – Florida Department of Environmental Protection

FDOT – Florida Department of Transportation

FEC – Florida East Coast Railroad

FEMA – Federal Emergency Management Agency

FEPCG – Florida Electric Power Coordinating Group

FERC – Federal Energy Regulatory Commission is an independent federal agency within the Department of Energy with regulatory authority over wholesale electric and natural gas and which prescribes a type of accounting for electric and gas utilities.

FGU – Florida Gas Utility

FICPA – Florida Institute of Certified Public Accountants

Floridan Aquifer – A source of water supply used for drinking water located approximately 1,000 feet underground.

Floridan Wells – Deep wells drilled for the specific purpose of accessing the Floridan Aquifer.

FM – Force Main

FMEA – Florida Municipal Electric Agency

FMPA – Florida Municipal Power Agency

FPL – Florida Power & Light Company

FPRA – Fort Pierce Redevelopment Agency

FPSC – Florida Public Service Commission

FPUA – Fort Pierce Utilities Authority

FRCC – Florida Reliability Coordinating Council, Inc.

Frequency (Injury/Illness Incidence Rate) –The rate represents the total number of injuries and illnesses per 100 full-time employees for a calendar year.

Fund – In governmental accounting, a sum of money, and often other assets constituting a separate accounting entity, created and maintained for a particular purpose and having

GLOSSARY, ABBREVIATIONS & ACRONYMS

transactions subject to legal or administrative restrictions. The double-entry accounts are self-balancing, from which a balance sheet and operating statement may be prepared. A separate budget is provided for each fund.

Funds – Cash, securities, or other liquid assets available to be expended for other uses such as operating expenses, debt retirement, capital outlays, etc.

FY – Fiscal Year is the budget year which runs from October 1 through September 30.

FYTD – Fiscal Year-to-date

GAAP – Generally Accepted Accounting Principles which include the standards, conventions, and rules accountants follow in recording and summarizing transactions, and in the preparation of financial statements.

GASB – Governmental Accounting Standards Board

Gbps – Gigabit per second; each gigabit is equal to 1000 megabits or 1,000,000,000 bits.

General Service – Revenue derived from a nonresidential customer.

GFOA – Government Finance Officers Association

GIS – Geographical Information System

GPS – Global Positioning System

GRC – Guaranteed Revenue Charge is a fee imposed on developers in return for system expansion, where the demand for capacity is reserved for their future site expansions.

GSAP – Gas Supply Acquisition Project

GSF – The Gross Square Footage indicator is expressed as a ratio of annual facilities maintenance operating expenses to the gross square feet of the facilities.

GSLD – General Service - Large Demand Electric Service

GUE – The Gross Utility Expense Index is expressed as a ratio of annual facilities maintenance operating expenses to the gross utility expenses.

ICMA – International City/County Management Association

IEEE – Institute of Electrical & Electronic Engineers

IIA – Institute of Internal Auditors

IP – Internet Protocol

IPP – Industrial Pre-treatment Program is a regulatory program established by the Clean Water Act requiring the pretreatment of wastewater from industries to prevent the introduction of pollutants that will pass through the treatment works or cause interference with the operation of FPUA's Water Reclamation Facility.

IRSC – Indian River State College

GLOSSARY, ABBREVIATIONS & ACRONYMS

IVR – Interactive Voice Response

IW – Deep Injection Well is a device that places fluid (water) deep underground into porous rock formations or below the shallow soil layer.

IWRF – Island Water Reclamation Facility

kV – Kilovolt is equal to 1,000 volts.

kVA – Kilovolt Amperes is a basic measure of electrical power. It is equal to 1,000 volt-Amperes which is defined as the apparent power carried by FPUA's electric utility plant to deliver the real power (measure in kilowatts – kW) needed by its customers. In alternating current (AC) circuits, the voltage and current are typically out of phase with each other causing the apparent power to be greater than the real power. This phase difference is commonly known as power factor (pf). kW is equal to kVA multiplied by the power factor [kW=kVA x pf].

kW – Kilowatt is a measure of electric power equal to 1,000 watts.

kWh – Kilowatt Hour is a measure of electric power consumption equal to that expended by one kilowatt of energy flowing for one hour.

L-BAR – L-Bar measures the average length of a single outage or service interruption.

Liability – Debt or other legal obligation arising out of a transaction in the past, which must be paid, renewed, or refunded at some future date.

LS – Lift Station

MAIFI – Momentary Average Interruption Frequency Index event is a measure of the average momentary interruption events per average customer.

MBPS – Megabits per second; each megabit is equal to 1 million bits.

MCC – Motor Control Center

MG – Million gallons

MGD – Million gallons per day

MW – Megawatt is a measure of electric power equal to 1,000,000 watts or 1,000 kilowatts.

MWh – Megawatt hour is a measure of electric power consumption equal to one megawatt of energy flowing for one hour.

MIR – Meter Installer/Remover

Miscellaneous Service Revenue – An amount designed to recover some of the fixed costs of providing service, whether or not any energy or gas is consumed, or water used, such as disconnect, reconnect, or temporary service fees.

MIT – Mechanical Integrity Test

MMBtu – Unit of heat equivalent to 1,000,000 Btu

GLOSSARY, ABBREVIATIONS & ACRONYMS

MOEC – Manatee Observation and Education Center

MSBU – Municipal Service Benefit Unit is a legal financing method wherein the County establishes a special district, by majority consensus of the property owners, to fund a desired improvement which will benefit those property owners. Municipal Services Benefit Unit is a financing method wherein St. Lucie County establishes a special district to allow a group of citizens to fund a desired improvement, such as providing City water, by majority consensus (51% approval) of the property owners contained in the assessment area. This process allows the property owner to finance the amount of the assessment over a period of time, generally 10 to 15 years, depending on the project cost and type of improvements. The assessment appears annually on the property tax bill as a non-ad valorem tax.

MWRF – Mainland Water Reclamation Facility

NARUC – National Association of Regulatory Utility Commissioners; prescribes a type of accounting for water and wastewater utilities.

Net Assets – Net Assets is the net worth of a company and is equal to the total assets minus the total liabilities.

Net Metering – Net metering is a service that permits customers to offset part or all of their electric needs with their own renewable generating systems. Net metering promotes the development of renewable energy by allowing customers to use their own generation on-site, and to sell any excess generation to their electric utility.

NERC – North American Electric Reliability Corporation

NESC – National Electric Safety Code

NG – Natural Gas

NPDES – National Pollutant Discharge Elimination System

Object Code – An account to which an expense is recorded in order to accumulate and categorize those expenses.

O&M Budget – Operations and Maintenance Budget is the budget covering annual revenue and expense.

OH – Overhead

OMS – Outage Management System; a computer system used by operators of electric distribution systems to assist in restoration of power.

OPEB – Other Post-Employment Benefits are benefits other than pension benefits which are provided for separately for employees no longer employed.

Operations and Maintenance Costs – Also known as O&M costs, these are the expenses of the day-to-day operations assigned to the current operating period.

GLOSSARY, ABBREVIATIONS & ACRONYMS

OPGW – Optical Ground Wire performs two overhead functions: 1) grounding lightning strikes, and 2) provides communications through a fiber optic core.

OSHA – Occupational Safety and Health Administration

PCA – Power Cost Adjustment is a portion of the total monthly electric usage charge; adjusts the bill so the bill includes the estimated purchased power costs for the period plus any true-up ± from previous periods.

PCB – Polychlorinated biphenyl

P.E. – Professional Engineer

Personnel Services – Costs related to compensating employees including salaries and wages, and overtime.

PGA – Purchased Gas Adjustment is a portion of the total monthly gas usage charge; adjusts the bill so the bill includes the estimated purchased gas costs for the period plus any true-up ± from the previous periods.

PGP – Public Gas Partners, Inc. is a Georgia not-for-profit corporation whose mission is to acquire reliable and economical long-term gas supplies for participating agencies and large public natural gas or power systems. PGP was formed to secure gas supplies through reserve acquisitions and/or secure prepayments and also may acquire storage assets and other strategic assets.

PHF – Peak-Hour Flow refers to the highest wastewater flow level recorded in a given hour.

PHMSA – Pipeline and Hazardous Materials Safety Administration

PLC – Programmable Logic Controller

PRMG – Public Resource Management Group, located in Maitland, Florida, is a consultant group retained by FPUA to conduct rate studies within the various systems.

PSC – Florida Public Service Commission

POA – Purchase Order Authorization

PVC – Polyvinylchloride

RAS – Return-Activated Sludge

Resolution – A formal decision adopted by the board, after voting, to proceed with an action or course of action, method or procedure.

Restricted Assets – Generally cash and other liquid assets restricted as to use by legal constraints such as bond covenants.

Revenue – Proceeds from the sale of commodities and services, interest earnings, and rents.

Revenue Bonds – Securities for which debt service payments are generated from a specific revenue source.

R&R – Renewal & Replacement

GLOSSARY, ABBREVIATIONS & ACRONYMS

RO – Reverse osmosis

ROW – Right of Way

SAIDI – System Average Interruption Duration Index which measures the average duration of the interruptions for the average customer.

SAIFI – System Average Interruption Frequency Index which measures the average frequency of interruptions for the average customer.

SCADA – Supervisory Control and Data Acquisition System, a computer system used to control and monitor lift stations; electric, gas, and water transmission and distribution; water wells; and wastewater collection.

Severity (Lost Workday Incidence Rate) –The rate represents the number of lost days experienced as compared to the number of incidents experienced per 100 full-time employees in a calendar year.

SFWMD – South Florida Water Management District

SHRM-CP – Society for Human Resource Management Certified Professional

SR – State Road

STD – Standard Capital Project

Specific Authorization – A contract for professional services as defined by the Consultants' Competitive Negotiation Act.

Strategic Management – A type of management to determine mission, vision, values, goals, objectives, roles and responsibilities, timelines, etc.

Surficial Aquifer – A source of water supply used for drinking water located approximately 100 feet underground.

Surficial Wells – Wells drilled to approximately 100 feet deep to access the Surficial Aquifer.

T&D – Transmission and Distribution

Task Order – A contract for professional services based on a unit price contract.

TCEC – Treasure Coast Energy Center

TCMF – Treasure Coast Manatee Foundation

TCERDA – Treasure Coast Education, Research & Development Authority

Therm – Unit of heat equivalent to 100,000 Btu

TR – Transmission Relay

TX – Transformer

UG – Underground

GLOSSARY, ABBREVIATIONS & ACRONYMS

UPC – Unit-Price Contract

UPS – Uninterruptible Power Supply

VAC-CON – Vacuum truck used for sewer cleaning.

VAR – Voice Activated Response

VFD – Variable Frequency Drive

VoIP – Voice-over Internet Protocol

VPN – Virtual Private Network

WAS – Waste-Activated Sludge

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.

WEOP – Weatherization & Educational Outreach Program

WBN – Wireless Broadband Network

WPCF – Water Pollution Control Federation

WRF – Water Reclamation Facility

WTP – Water Treatment Plant

WUP – Water Use Permit

W/WW – Water/Wastewater

YTD – Year-to-date



PERFORMANCE INDICATORS - LAST TEN YEARS

	ORIGINAL BUDGET <u>FY 2019</u>	AMENDED BUDGET <u>FY 2018</u>	ACTUAL <u>FY 2017</u>
SAFETY			
Frequency Rate (calendar year)	4.50	5.00	5.30
DART\Severity Rate (calendar year)*	45	235	171
Workers' Compensation Experience Modification Factor	0.95	1.00	0.97
FINANCIAL			
Debt Service Ratio (12 months ended)	2.81	3.15	3.25
Operating Ratio	0.95	0.92	0.89
Average Residential Billing:			
Electric (1000 kWh)	\$114.84	\$114.84	\$120.84
Water (6,000 gallons)	\$35.18	\$35.18	\$35.18
Natural Gas (13 ccf)	\$31.47	\$31.47	\$31.47
Wastewater (6,000 gallons)	\$48.24	\$48.24	\$48.24
HUMAN RESOURCES			
Overtime Ratio	0.075	0.075	0.073
Sick Leave Ratio	0.068	0.068	0.037
Overtime vs. Annual Overtime Budget	100.00%	100.00%	176.47%
Training Hours vs. Regular Hours Worked	1.94%	1.94%	2.10%
Training Dollars vs. Budgeted Salary Dollars	2.43%	2.21%	1.51%
Annual Turnover Rate	5.00%	4.00%	10.64%
CUSTOMER SERVICE			
Number of connections	14,000	14,000	13,534
Number of disconnections	13,000	13,000	12,795
Number of accounts to collection agency	2,000	2,000	1,353
Amount of accounts written off			
Electric	\$226,200	\$226,200	\$184,794
Water	\$40,600	\$40,600	\$33,140
Natural Gas	\$3,000	\$3,000	\$2,415
Wastewater	\$36,400	\$36,400	\$29,744
Customer Charges	\$13,900	\$13,900	\$11,371
Communications	\$300	\$300	\$232
Number of service orders			
Started	41,000	41,000	41,243
Completed	41,000	41,000	41,014

* Calculations FY 2015 - current are based on DART rate; Previous years are based on Severity rate

PERFORMANCE INDICATORS - LAST TEN YEARS

<u>ACTUAL FY 2016</u>	<u>ACTUAL FY 2015</u>	<u>ACTUAL FY 2014</u>	<u>ACTUAL FY 2013</u>	<u>ACTUAL FY 2012</u>	<u>ACTUAL FY 2011</u>	<u>ACTUAL FY 2010</u>
4.11	5.30	4.10	4.10	4.90	3.60	1.20
89	79	80	48	24	122	61
0.97	0.79	0.87	0.92	1.25	1.11	1.28
2.51	2.55	2.59	2.51	2.41	2.55	2.80
0.90	0.88	0.91	0.91	0.91	0.92	0.91
\$107.84	\$113.84	\$124.84	\$122.84	\$123.84	\$125.84	\$139.84
\$35.18	\$34.18	\$33.19	\$32.00	\$30.03	\$29.32	\$28.62
\$30.82	\$31.47	\$33.42	\$31.65	\$31.09	\$32.21	\$31.54
\$48.24	\$48.24	\$48.24	\$47.46	\$46.33	\$45.19	\$44.06
0.050	0.046	0.046	0.420	0.040	0.036	0.040
0.038	0.038	0.034	0.340	0.034	0.039	0.042
114.22%	120.48%	114.96%	107.47%	100.48%	89.65%	80.00%
2.87%	2.93%	2.53%	2.48%	1.52%	1.62%	2.32%
2.00%	1.92%	1.69%	1.80%	1.23%	1.31%	1.16%
12.40%	8.60%	12.08%	13.25%	6.77%	9.09%	6.34%
14,109	15,663	16,238	16,001	16,360	16,077	17,441
13,316	14,800	15,338	15,206	15,419	15,038	16,300
1,622	1,890	1,852	1,584	1,535	1,888	2,240
\$200,966	\$99,489	\$256,860	\$182,006	\$253,362	\$197,638	\$390,702
\$36,032	\$17,826	\$46,081	\$32,638	\$45,434	\$35,433	\$70,061
\$2,639	\$1,366	\$3,302	\$2,374	\$3,308	\$2,582	\$5,104
\$32,324	\$16,050	\$41,325	\$29,294	\$40,780	\$31,805	\$62,886
\$12,371	\$6,141	\$15,770	\$11,181	\$15,563	\$12,136	\$23,993
\$257	\$42	\$371	\$231	\$321	\$249	\$495
45,028	44,505	49,837	44,205	39,960	42,580	47,328
44,937	44,389	49,740	44,224	39,953	42,794	47,243

PERFORMANCE INDICATORS - LAST TEN YEARS

	ORIGINAL BUDGET <u>FY 2019</u>	AMENDED BUDGET <u>FY 2018</u>	ACTUAL <u>FY 2017</u>
INFORMATION TECHNOLOGY SERVICES			
Number of work orders completed	3,800	3,498	3,538
Number of work stations supported	320	315	310
COMPONENT COSTS			
Water Treatment Plant			
\$ / 1,000 gallons raw water	\$2.21	\$2.13	\$1.99
Water Reclamation Facility			
\$ / 1,000 gallons effluent	\$1.55	\$1.48	\$1.78
Electric T&D			
\$ / mile of T & D lines	\$24,973.50	\$23,742.05	\$21,860.34
\$ / number of services	\$26.47	\$25.17	\$27.56
Water Distribution			
\$ / 1,000 gallons billed	\$2.04	\$2.02	\$1.92
\$ / number of services	\$18.25	\$18.00	\$21.05
Wastewater Collection			
\$ / 1,000 gallons billed	\$2.48	\$2.31	\$2.60
\$ / number of services	\$19.30	\$18.00	\$22.31
Natural Gas Distribution			
\$ / 1,000 ccf billed	\$0.45	\$0.44	\$0.41
\$ / number of services	\$19.70	\$18.71	\$34.36
Lift Stations			
\$ / 1,000 gallons billed	\$0.77	\$0.77	\$0.66
\$ / number of services	\$6.00	\$6.00	\$5.62
Industrial Pre-Treatment			
\$ / Customers	\$841.67	\$935.19	\$919.02
FPUAnet Communications			
\$ / Customers	\$492.83	\$404.17	\$414.79
Administration			
\$ / number of services	\$12.81	\$13.15	\$14.96

PERFORMANCE INDICATORS - LAST TEN YEARS

<u>ACTUAL FY 2016</u>	<u>ACTUAL FY 2015</u>	<u>ACTUAL FY 2014</u>	<u>ACTUAL FY 2013</u>	<u>ACTUAL FY 2012</u>	<u>ACTUAL FY 2011</u>	<u>ACTUAL FY 2010</u>
3,622	3,179	3,296	3,348	4,638	5,420	4,518
349	340	432	344	352	346	400
\$2.02	\$1.88	\$1.94	\$1.90	\$1.80	\$1.79	\$1.92
\$1.46	\$2.46	\$2.70	\$1.93	\$2.07	\$2.45	\$2.56
\$21,636.69	\$20,112.83	\$20,633.15	\$20,516.14	\$23,742.33	\$24,841.57	\$20,585.55
\$27.27	\$26.13	\$27.11	\$27.41	\$31.57	\$30.95	\$25.99
\$1.88	\$1.88	\$1.89	\$1.82	\$1.59	\$1.54	\$2.46
\$20.01	\$19.69	\$20.04	\$19.44	\$18.14	\$17.79	\$27.92
\$2.39	\$2.36	\$2.68	\$3.87	\$2.65	\$2.86	\$2.11
\$19.61	\$19.41	\$21.77	\$31.61	\$21.98	\$24.34	\$18.20
\$0.49	\$0.40	\$0.59	\$0.40	\$0.62	\$0.57	\$0.57
\$39.54	\$33.16	\$47.71	\$31.89	\$32.90	\$33.36	\$32.89
\$0.75	\$0.71	\$0.79	\$0.80	\$0.74	\$0.76	\$0.71
\$6.14	\$5.80	\$6.38	\$6.53	\$6.17	\$5.97	\$6.14
\$927.50	\$985.46	\$903.78	\$698.46	\$793.71	\$1,246.28	\$793.86
\$345.35	\$348.35	\$328.03	\$306.83	\$275.98	\$325.26	\$320.54
\$14.51	\$14.59	\$14.60	\$15.74	\$16.01	\$17.15	\$18.17

**PROPERTY VALUE AND TOTAL TAX ASSESSED VALUE
LAST TEN YEARS**

	REAL PROPERTY	PERSONAL PROPERTY	CENTRALLY ASSESSED PROPERTY	LESS: EXEMPTIONS	TOTAL TAX ASSESSED VALUE
2017	\$ 2,656,205,901	\$ 199,752,821	\$ 10,889,970	\$ 759,747,984	\$ 2,107,100,708
2016	\$ 2,519,792,781	\$ 201,769,117	\$ 9,950,405	\$ 744,102,164	\$ 1,987,410,139
2015	\$ 2,420,424,296	\$ 178,560,253	\$ 8,259,241	\$ 718,951,717	\$ 1,888,292,073
2014	\$ 2,369,027,251	\$ 196,294,919	\$ 7,180,208	\$ 707,506,816	\$ 1,864,995,562
2013	\$ 2,375,689,997	\$ 192,499,439	\$ 7,381,630	\$ 707,571,187	\$ 1,867,999,879
2012	\$ 2,463,908,875	\$ 209,865,288	\$ 7,135,634	\$ 707,684,181	\$ 1,973,225,616
2011	\$ 2,582,341,713	\$ 241,596,029	\$ 6,734,681	\$ 696,878,963	\$ 2,133,793,460
2010	\$ 2,539,072,299	\$ 183,522,400	\$ 11,900,267	\$ 441,744,364	\$ 2,292,750,602
2009	\$ 2,873,362,731	\$ 205,905,211	\$ 18,164,297	\$ 286,847,886	\$ 2,810,584,353
2008	\$ 3,002,624,903	\$ 214,832,817	\$ 14,072,164	\$ 169,294,535	\$ 3,062,235,349

**DISTRIBUTION TO THE CITY OF FORT PIERCE
AND SYSTEM RATE INCREASES (DECREASES)
LAST TEN YEARS**

	DISTRIBUTION PAID TO THE CITY *	RATE INCREASES (DECREASES)			
		ELECTRIC	WATER	NATURAL GAS	WASTEWATER
FY 2018	\$6,082,515	-	-	-	-
FY 2017	\$5,968,785	-	-	-	-
FY 2016	\$5,809,302	-	3.0%	-	-
FY 2015	\$5,735,240	-	3.0%	-	-
FY 2014	\$5,605,157	(0.9%)	3.7%	1.6%	1.6%
FY 2013	\$5,365,879	(3.3%)	6.5%	2.4%	2.4%
FY 2012	\$4,767,268	-	2.5%	2.5%	2.5%
FY 2011	\$5,125,280	(4.2%)	2.5%	2.5%	2.5%
FY 2010	\$4,853,329	-	-	-	-
FY 2009	\$5,045,811	-	5.0%	5.0%	5.0%

* Based on prior fiscal year revenue, as defined by Fort Pierce City Charter, Article XII, Sec. 178 (d)

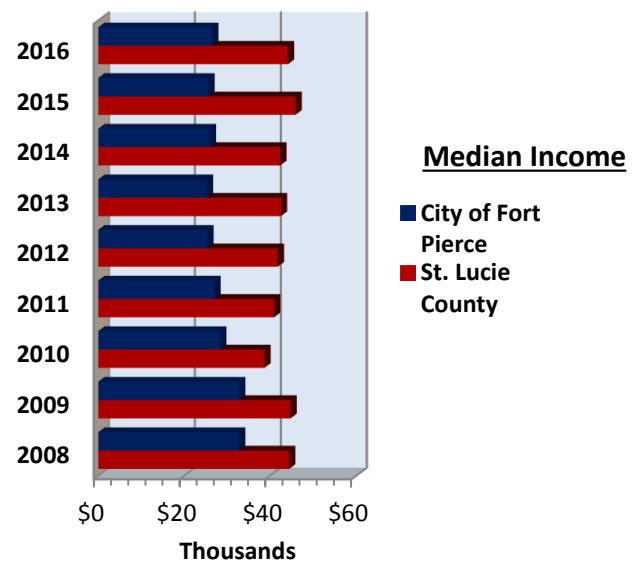
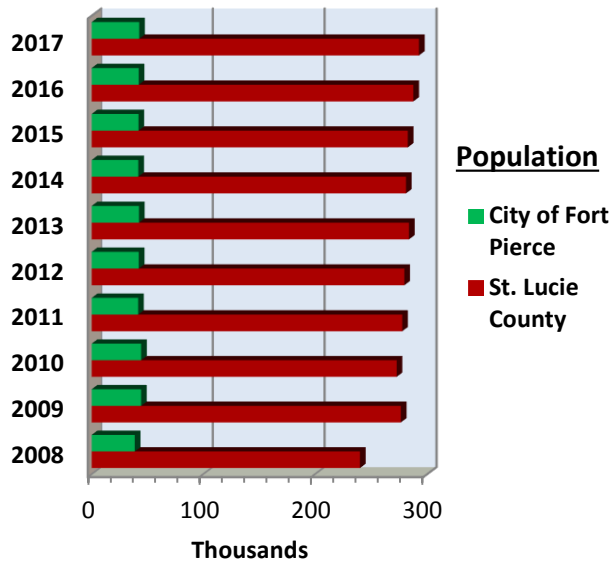
DEMOGRAPHIC STATISTICS - LAST TEN YEARS

	City of Fort Pierce Population¹	City of Fort Pierce Median Income²	St. Lucie County Population¹	St. Lucie County Median Income²
2017	43,409	N/A	297,634	N/A
2016	42,489	\$26,506	292,826	\$44,140
2015	42,119	\$25,635	287,749	\$43,459
2014	41,888	\$25,976	282,821	42,359
2013	41,729	\$25,275	281,151	\$42,504
2012	42,328	\$25,382	283,866	\$41,785
2011	42,169	\$27,023	279,696	\$40,898
2010	41,590	\$28,363	277,789	\$38,671
2009	44,251	\$32,793	272,864	\$44,739
2008	44,227	\$32,776	276,585	\$44,414

¹ Source University of Florida, Bureau of Economic & Business Research.

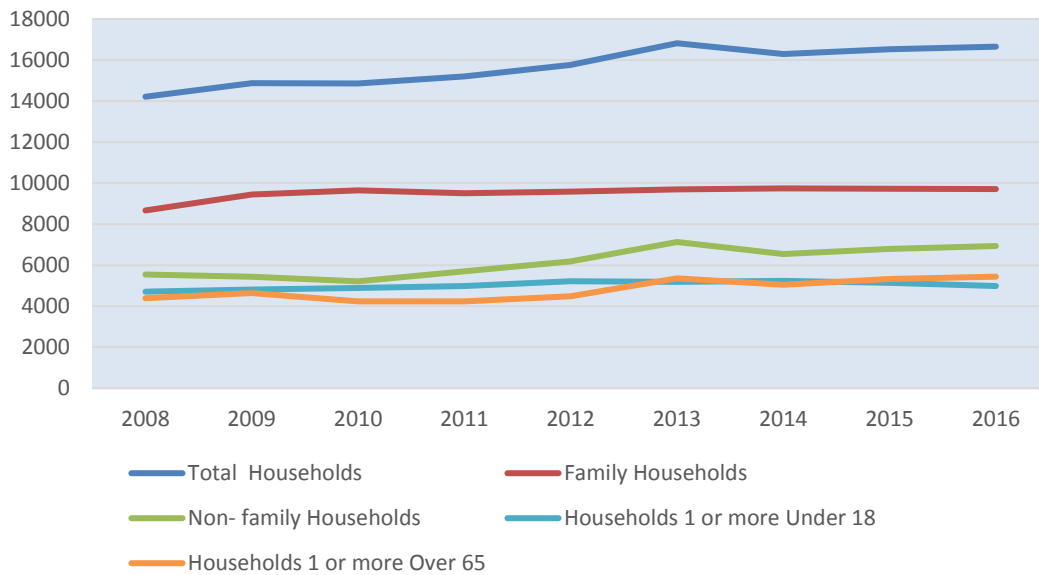
² Source Census Bureau American Community Survey <http://factfinder.census.gov>

N/A Not Available



CITY OF FORT PIERCE HOUSEHOLD STATISTICS - LAST TEN YEARS

	Total Households	Family Households	Non-family Households	Average Household Size	Households 1 or more Under 18	Households 1 or more Over 65
2017	N/A	N/A	N/A	N/A	N/A	N/A
2016	16,649	9,710	6,939	2.6	4,985	5,440
2015	16,522	9,726	6,796	2.58	5144	5,334
2014	16,283	9,743	6,540	2.58	5,235	5,051
2013	16,817	9,688	7,129	2.50	5,181	5,358
2012	15,765	9,583	6,182	2.64	5,215	4,477
2011	15,200	9,504	5,696	2.70	4,987	4,236
2010	14,856	9,643	5,213	2.74	4,895	4,236
2009	14,872	9,443	5,429	2.77	4,810	4,639
2008	14,209	8,666	5,543	2.66	4,710	4,386



American Fact Finder, form DP02, Geographic Fort Pierce City Florida

N/A Not Available

