



Fort Pierce Utilities Authority



*For the Fiscal Year Ending
September 30, 2020*

*Amending Fiscal Year Ending
September 30, 2019*

2019-2020 Annual Budget

Fort Pierce, Florida
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, 2020
Amending the fiscal year ending September 30, 2019

Prepared by
Department of Finance

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Director of Financial Services

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www.fpu.com



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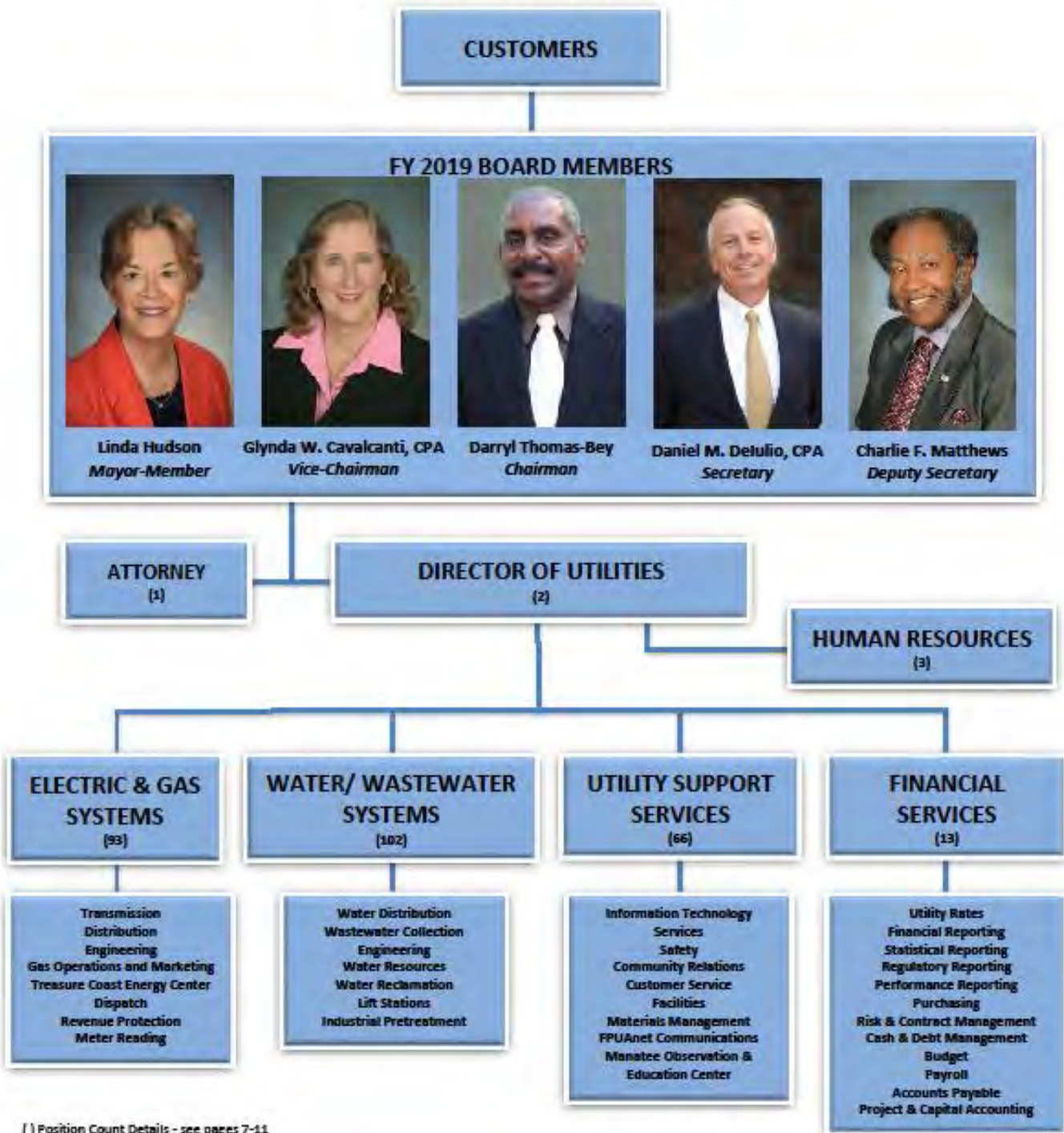
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OVERVIEW

FORT PIERCE UTILITIES AUTHORITY

Organizational Structure



Fort Pierce Utilities Authority

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

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

2-1-1 Treasure Coast	FPUA Sponsored Events
Alzheimer's Community Care	Girl Scouts of Southeast Florida
American Red Cross	Graceway Village
Big Brothers/Big Sisters	Great American Cleanup
Blue Hope Circles	Guy Harvey Youth Foundation
BlueBird Educational Foundation	Habitat for Humanity
Boy Scouts of America	Hibiscus Park Crime Watch & Neighborhood Association
Boys & Girls Club of St. Lucie County	Highwaymen Festival
Christ Family Church	IRL Science Festival
City of Fort Pierce	Keep Fort Pierce Beautiful
Conservation Club	Kids Crossing Playground Build
Conservation Foundation	Kiwanis Clubs
Conservation Kidz	Lawnwood Elementary School
Coral Restoration Foundation	Leadership Saint Lucie
Council On Aging of St. Lucie County	Lincoln Park Main Street
Deaf & Hard of Hearing Services of the Treasure Coast	Living Faith Church
Dogs & Cats Forever	Main Street Fort Pierce
Dr. Martin Luther King, Jr. Commemorative Committee	Manatee Observation & Education Center (MOEC)
Early Learning Coalition	Marine Cleanup Initiative
Eco Divers Foundation	Marine Corps Toys for Tots
Family Meals	Momentum Academy
Florida Engineering Society	Moore's Creek Clean Up
Florida State Christian Academy	Mustard Seed Ministries
Fort Pierce Westwood High School	Nala's New Life Rescue

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:

Northside Bat and Ball Little League	St. Andrews Episcopal Church
One Florida Foundation	St. Lucie County Chamber of Commerce
Operation Christmas Child	St. Lucie County Economic Development Council
Oxbow Eco-Center	St. Lucie County Fair
Oyster Fest	St. Lucie County Friends of Public Health
Pilot Club of Fort Pierce	St. Lucie County Schools
Police Athletic League (PAL)	St. Lucie Education Foundation
Port St. Lucie Police Department	Stuff the Bus
Reef Rangers	Sunrise Tabernacle Church
Renaissance Charter School	Susan G Komen - Strides Against Breast Cancer
Restoring the Village Initiative	The Crossing Community Church
Rotary Club	Treasure Coast Education & Dev Council
Roundtable of St. Lucie County	Treasure Coast Environmental Education Council
Royal Palms of St. Lucie	Treasure Coast Food Bank
S.O.S. Ocean Lovers	Treasure Coast High School
Salvation Army Christmas Angels	Treasure Coast Manatee Foundation
Sandy Shoes Festival	Treasure Coast Renegades Youth Football
Save Our Seas	Treasure Coast Waterway Clean Up
Sea World Youth Summit	Turtle Girl
Sea-Life Habitat Improvement Project	United Against Poverty Center of St. Lucie County
Seventh Day Adventist Church	United Way of St. Lucie County
Shark Whisperer	Wild Over Wildlife
Southeast Regional Little League Baseball	
Sponsor Me, Inc., Indian Hills	
St. Andrews Episcopal Academy	

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 151](#)), encompassing approximately 35 square miles, with an average of 28,265 services billed during the fiscal year ended September 30, 2018. 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). On December 21, 2018, FPUA sold its joint interest in the 138kV line from Emerson Substation to County Line Substation to FPL. FPUA's primary distribution has approximately 265 miles of overhead and 140 miles of underground cable which operates at 13.2kV. FPUA and FPL have a territorial agreement approved by the Florida Public Service Commission.

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 152](#)), encompassing approximately 32 square miles, with an average of 20,356 services billed during the fiscal year ended September 30, 2018. 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 million Gallons (MG) of storage capacity. The water distribution system is composed of 390 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 153](#)), encompassing approximately 30 square miles, with an average of 15,107 services billed during the fiscal year ended September 30, 2018. The wastewater collection system consists of 117 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, peak hour flow (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 154](#)), encompassing approximately 27 square miles, with an average of 4,099 services billed during the fiscal year ended September 30, 2018. The system consists of 171 miles of gas main and 81 miles of service lines. 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 46,537 visitors from all over the world visited the Center during fiscal year 2018, and 382 manatees were sighted. Volunteers provided a substantial donation to the Center with a total of 11,618 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
Water/Wastewater Systems***

Bo Hutchinson, P.E.

***Director of
Financial Services***

Nina B. Penick, CPA

***Director of
Utility Support Services***

Javier Cisneros, P.E.

Human Resources

Lois A. Wolfe, SHRM-CP
Manager

Department	FINAL 9/30/2017	FINAL 9/30/2018	AMENDED BUDGET 9/30/2019	ORIGINAL BUDGET 9/30/2020	CHANGE FROM 9/30/2019 TO 9/30/2020
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 D	3 D	-
TOTAL FTE	11	11	11	11	-

D - Includes DROP participant employees

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 9/30/2017	FINAL 9/30/2018	AMENDED BUDGET 9/30/2019	ORIGINAL BUDGET 9/30/2020	CHANGE FROM 9/30/2019 TO 9/30/2020
02 Treasure Coast Energy Center	13 D	15 D	15 D	15 D	-
51 Director of Electric & Gas Systems	1	1	1	1	-
54 Electric Transmission & Distribution	23 D	23	25	25	-
55 Electric Operations	24 D	23 D	24 D	24 D	-
56 Electric & Gas Engineering	9 P	11 D,P	13 D,P	13 D,P	-
74 Gas Operations	15 D	15 D	15 D	15	-
TOTAL FTE	85	88	93	93	-

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 9/30/2017	FINAL 9/30/2018	AMENDED BUDGET 9/30/2019	ORIGINAL BUDGET 9/30/2020	CHANGE FROM 9/30/2019 TO 9/30/2020
61 Director of Water/Wastewater Systems	1	1	1	1	-
62 Water Resources	24 D	25 D	25 D	25 D	-
64 Water Distribution	28 D	27 D	27 D	27 D	-
66 Water/Wastewater Engineering	11 P	12 P	13 P	13 P	-
82 Water Reclamation	16 D	16 D	15 D	16 D	1
84 Wastewater Collection	19 D	20 D	20	20	-
TOTAL FTE	99	101	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 9/30/2017	FINAL 9/30/2018	AMENDED BUDGET 9/30/2019	ORIGINAL BUDGET 9/30/2020	CHANGE FROM 9/30/2019 TO 9/30/2020
01 Manatee Observation & Education Ctr	3 P	4 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	2	2	2	-
32 Information Technology Services	17 D	17 D	17 D	17	-
35 Facilities	5 D	5	5	5	-
41 Community Relations	-	1	1	1	-
43 Customer Service	26 D	26 D	26 D	26 D	-
93 FPUAnet Communications	3 D	3	3	4	1
TOTAL FTE	62	65	65	66	1

D - Includes DROP participant employees

P - Excludes part-time employees

DIRECTOR OF FINANCIAL SERVICES

Nina B. Penick, CPA

Department	FINAL 9/30/2017	FINAL 9/30/2018	AMENDED BUDGET 9/30/2019	ORIGINAL BUDGET 9/30/2020	CHANGE FROM 9/30/2019 TO 9/30/2020
21 Finance	13	13	13	13	-
TOTAL FTE	13	13	13	13	-

FPUA TOTAL FULL-TIME POSITIONS

Department	FINAL 9/30/2017	FINAL 9/30/2018	AMENDED BUDGET 9/30/2019	ORIGINAL BUDGET 9/30/2020	CHANGE FROM 9/30/2019 TO 9/30/2020
Director of Utilities	11	11	11	11	-
Director of Electric & Gas Systems	85	88	93	93	-
Director of Water/Wastewater Systems	99	101	101	102	1
Director of Utility Support Services	62	65	65	66	1
Director of Financial Services	13	13	13	13	-
TOTAL FTE	270	278	283	285	2

TeamUA - Over 2,700

JAMES D 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
 ALAN F BERTONE
 KARYL R BERTRAM
 LORI BIANCO
 JOHN W BIGGS
 JO-ANN BILYK
 DONALD W BLACK
 CHARLES D BLAIR
 S LANCE BRICK
 DANIEL BROLMANN
 WILLIAM BROOKS
 ROGER C BROWN
 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
 BRIAN L COLLIER
 CHARLES D CONNELL
 BRETT D CORBETT
 TYLER M COX
 BRANDY CRAWFORD
 CRAIG A CRAWFORD
 SHILOH V CRAWFORD
 WILBURN L CRAWFORD
 CLAYTON B CROUCH
 CHRISTOPHER CRUMBLEY
 JONATHAN D CRUMBLEY



JOSEPH E CRUTCHFIELD
 SERGIO R CUEVAS
 JENNIFFER CUEVAS FERMIN
 MICHAEL W CURRID
 THOMAS M DAROZA
 TYRUS R DARVILLE
 ALDONIO DASILVA
 FELICIA S DAVIS
 JOEL DAVIS
 ROBERT P DAVIS
 LUGEY DAWSON
 RAY E DAWSON
 RAE LYNN DE BOER
 DANIEL DEIULIO
 J SEAN DENMAN
 OWEN A DENNIS
 SCOTT DENNIS
 GARY DEPASTINO
 ANDREW J. DIGIACOMO
 SEDDRICK L DIXON
 THOMAS A DRISKELL
 JASON D DROST
 PETER DUNCAN
 WILLIAM A DUPRE
 SCOTT DYKEMA
 JASON A ERWIN
 ROBERT R ESCHMANN
 TRENT A EURY
 STEVEN S FERGUSON
 CHRISTOPHER J FITZMAURICE
 OMAR S FOOTE
 DENISE E FOUNTAIN
 SHARI G FRANCO
 APRIL D FREDERICK
 THOMAS A FRYAR
 NORIEL FUMERO
 JOSEPH M FUORE
 FREDERICK C GADDIS
 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

MICHAEL GOLDSMITH
 SONIA V GOMEZ
 ANTONIO GONZALEZ
 WILLIAM GOODWIN
 CROSBY GORE
 DAVID GREEN
 RONALD L HAGWOOD
 G RICK 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
 JAMES M HOWES
 DEWEY W HUDMAN
 LINDA HUDSON
 TIMOTHY J HUGHES
 BRAYAN HURTADO ESQUIVEL
 BOWDOIN G HUTCHINSON
 MARCUS T JACKSON
 PAUL A JAKUBCZAK
 JORDEN R JENNINGS
 SIDNEY L JERGER
 SIDNEY LEVON JERGER
 ANA M JOHNSON
 CHONTAE L JOHNSON
 CHRISTOPHER JOHNSON
 T RODNEY JOHNSON
 MICHAEL D JONES
 JOSHUA L JORDAN
 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
 J LARRY LAMMERS

Years of Dedicated Service

DOMINIC F LANE
 WILLIAM C LANFAIR
 MICHAEL J LEDOUX
 EDWARD S LEONGOMEZ
 GLEN D LEPESKA
 KAREN S LLANAS
 SCOTT LOVEN
 ALAN LUNA
 DAISY E LUYANDO
 JOSHUA S MACNICHOL
 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
 CHARLIE F MATTHEWS
 KENNETH H MAXWELL
 FLORINDA K MAZZARELLA
 TOMMIE V MCCARTHY
 NANCY L MCCONKEY
 TERRANCE MCMILLON
 KEVIN S MCDONALD
 KEENA L MCINTYRE
 DANIEL MCKINLEY
 GEORGE C MCMILLAN
 J WILLIAM MCMILLIAN
 STONEY X MCPEEK
 ERIC D MEYER
 ROSALINE MICHEL
 BARBARA A MIKA
 GEORGE E MILLER
 JOSHUA J MILLER
 JASON M MITTLER
 KENNETH J MORRIS
 REGINA D MORRIS
 L MIKE MORRISON
 STEVEN MOSELY
 MICHAEL J MULVANEY
 STEVEN MURTO
 RICHARD W MUTTERBACK
 KYLE R MYERS

CHRISTELLE MYRICK
 CHRISTOPHER C NASSO
 MICHAEL A NEILL
 DINO G NESSELRODE
 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
 LAURIE M PEPPE
 RICHARD G PETERSEN
 ROBERT A PIRSON
 RONNIE PREBILSKY
 TONY T PRICE
 DOUGLAS A PUPARD
 CHARLES D PUTNAM
 FRANCISCO RAMOS
 STEPHANIE RAULERSON
 SERITTA S REEVES
 DILLON RESENDIZ
 J KEVIN RHODEN
 TIMOTHY W RICHARDS
 BRANDON R RICHARDSON
 EDWIN RICHBERG
 HEATHER M RICUCCI
 ROBERTO S RIGUAL
 DAVION L ROLLE
 HORACE N ROLLE
 WILLIAM ROLLE
 LINDA L ROSADO
 SAMANTHA ROWLAND
 SCOTT M RUBY
 JAMES R SCHMITT
 SAL A SCIMECA
 HARRY SHERVA
 JOSHUA SHOLANDER

CARMELO SIGNORELLI
 STERLING R SIMMONS
 DWAYNE J SIMPSON
 VALENTIME C SIRMONS
 JULIE Z SIZEMORE
 SHAWN SMITH
 SANDRA L SNELL
 JOEL SPADES
 RYAN J SPENCE
 CHARLES J STANG
 KENNETH F STEPHAN
 ANGELA M STEPHENS
 B KEITH STEPHENS
 KURTIS D STRAND
 CHARLES S SWINDLE
 TONYA L TARDIF
 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
 MASON T URSO
 OSVALDO VALDES
 LOUDWIN VASQUEZ
 ROBERT W VAUGHN
 CHRISTOPHER J VELARDO
 ANDREW J WARE
 KARISSA N WARE
 JABAREY D WARREN
 JUDITH A WIDMAYER
 E JEROME WILLIAMS
 STACEY WILLIAMS
 CAROL A WILSON
 OLIVER C WINT
 ERIC R WINTERSTEIN
 DALTON T WOLFE
 LOIS A WOLFE
 SHARON WOLKOWICZ
 TERRANCE A YEARBY



RESOLUTION NO. U.A. 2019-02

A RESOLUTION ADOPTING A BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2019 AND ENDING SEPTEMBER 30, 2020 AND AMENDING THE BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2018 AND ENDING SEPTEMBER 30, 2019, FOR FORT PIERCE UTILITIES AUTHORITY OF THE CITY OF FORT PIERCE, FLORIDA.

Be it resolved by Fort Pierce Utilities Authority:

SECTION I: That Fort Pierce Utilities Authority of the City of Fort Pierce, Florida, hereby adopts as its FY 2020 budget and amends its FY 2019 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 2020 and FY 2019 made by the Director of Utilities of said Fort Pierce Utilities Authority. Said estimates have been presented to Fort Pierce Utilities Authority in July 2019, 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 2nd day of July, 2019.

ATTEST:

FORT PIERCE UTILITIES AUTHORITY



Secretary

BY: 

Chairman

(FPUA Seal)

APPROVED AS TO FORM & CORRECTNESS:

BY: 

Fort Pierce Utilities Authority Attorney



Fort Pierce Utilities Authority
Director of Finance
500 Boston Avenue (PO Box 3191)
Fort Pierce, FL 34950 (34948)

June 26, 2019

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 17, 2019 and at the June 4, 2019 Board meeting.

Continued revival of the economy, the lessening number of foreclosures, and rising commodity prices 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. Six large residential developers have signed supply agreement amendments, which enables them to resume construction. FPUA remains optimistic about future growth.



Our mission is to provide our customers with economical, reliable and friendly service in a continuous effort to enhance the quality of life in our community.

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These budgets reflect increases in revenues and the cost of purchases for resale over prior year actual amounts, driven by the need to budget for possible yet unexpected increases in natural gas prices.

Budgeted expenses have decreased slightly compared to the FY 2019 Original Budget. 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 2020 revenue budget.

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 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 2020 BUDGET

The Director's Budget for FY 2020 is divided into five major sections:

1. **OVERVIEW** – Contains the Organizational Structure, Utility Systems Description, Budget Resolution for both adopting the FY 2020 Budget and amending the FY 2019 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 2019 and FY 2020, Budgeted Statement of Net Position as of September 30, 2019 and 2020, 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 2019 and FY 2020, projections for operating expenses for each department, and a description of each department's core services, accomplishments, and performance measures.

4. **CAPITAL** – Contains the FY 2020 – 2024 Capital Improvement Plan, as well as charts depicting the impact of the FY 2020 Capital Budget on the current and future operating income; sources of the funding which will be used to pay for improvements, replacements and extensions of facilities, plant, machinery, and vehicles. In addition to a summary of the FY 2020 Capital Budget, the major projects in process and planned are described in more 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 Workshop held in April 2018 was focused on six key result areas. Updates will be discussed at a FPUA/City of Fort Pierce Joint Strategic Planning Workshop scheduled for June 28, 2019.

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 majority of the cost is expected to be financed. FPUA is currently negotiating the terms of the contract documents with the top-ranked proposer. 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. The Performance Incentive Plan was initiated last year to reward superior job performance.

Competitive Rates – FPUA compiled a Capital Improvement Plan this year which, if fully spent, will require increases in Electric, Water, Wastewater and Gas rates. Adjustments will be evaluated based on the timing of expected spending. Electric bills 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 131](#).

RATES

This budget reflects no projected rate increases. FPUA will continue to monitor cash balances and 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 2017</u>	<u>September 2018</u>	<u>September 2019</u>
Electric	1,000 kWh	\$120.84	\$113.84	\$111.84
Water	6,000 gallons	35.18	35.18	36.26
Wastewater	6,000 gallons	48.24	48.24	49.66
Natural Gas	13 ccf	31.47	31.31	30.66

UNIT SALES

Unit sales levels and customer billings for FY 2019 and FY 2020 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, Water and Wastewater systems. Natural Gas contract sales have improved in FY 2019, due to local roadway projects.

Projected unit sales and customer billings are as follows:

	Original Budget FY 2019	Amended Budget FY 2019	Percent Change	Original Budget FY 2020	Percent Change
Electric (MWh)	556,800	552,000	(0.9%)	552,000	0.0%
Water (MG)	2,678,500	2,750,400	2.7%	2,750,400	0.0%
Wastewater (MG)	1,558,500	1,564,400	0.4%	1,564,400	0.0%
Natural Gas (ccf)	4,396,040	4,485,459	2.0%	4,355,300	(2.9%)

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 2020:

	FY 2019	FY 2020	Increase (Decrease)	
			#	%
Electric	28,300	28,300	-	0.0%
Water	20,400	20,400	-	0.0%
Wastewater	15,200	15,200	-	0.0%
Natural Gas	4,100	4,100	-	0.0%

REVENUES

The schedule below summarizes total budgeted revenues by utility system:

	Original Budget FY 2019	Amended Budget FY 2019	Percent Change	Original Budget FY 2020	Percent Change
Electric	\$ 70,102,261	\$ 70,930,228	1.2%	\$ 69,679,831	(1.8%)
Water	16,762,781	18,362,623	9.5%	18,338,623	(0.1%)
Wastewater	13,030,142	15,554,652	19.4%	14,246,652	(8.4%)
Natural Gas	5,294,516	4,930,607	(6.9%)	4,757,607	(3.5%)
MOEC	496,079	507,747	2.4%	580,985	14.4%
FPUAnet	557,000	589,729	5.9%	1,042,297	76.7%
TCEC	1,988,716	1,988,301	(0.0%)	2,161,007	8.7%
TOTAL REVENUES	\$ 108,231,495	\$ 112,863,887	4.3%	\$ 110,807,002	(1.8%)

Staff has estimated sales revenues for FY 2019 and FY 2020 for all of FPUA's utility systems. This forecast does not reflect any future rate adjustments.

A reduction in power cost revenue and expense reflected in the Original FY 2020 Budget is driven by lower budgeted natural gas prices. A decrease is reflected in the power cost adjustment (PCA), virtually flat purchased gas adjustment (PGA), with an overall decrease in 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 \$1,988,301 for FY 2019 and \$2,161,007 for FY 2020.

Investment income, although still at historically low levels due to low interest rates, is beginning to rebound.

The schedule below summarizes total revenues by source:

	Original Budget FY 2019	Amended Budget FY 2019	% of Total	Original Budget FY 2020	% of Total
General Service Sales	\$ 58,520,500	\$ 59,084,223	52.3%	\$ 58,825,223	53.0%
Residential Sales	44,126,000	44,759,677	39.7%	44,275,677	40.0%
Other Operating Revenues	2,290,879	3,924,789	3.5%	3,404,595	3.1%
Non-Operating Revenue	2,733,116	2,876,801	2.5%	2,965,507	2.7%
Capital Contributions:					
Capital Impr. Charges	250,000	1,399,400	1.2%	498,000	0.4%
Capacity Reductions	-	(901,400)	-0.8%	-	0.0%
Contr. Capital - Cash	206,000	807,000	0.7%	838,000	0.8%
Contr. Capital - Non-Cash	105,000	735,000	0.7%	-	0.0%
Extraordinary Income	-	178,397	0.2%	-	0.0%
<i>TOTAL REVENUES</i>	<u>\$ 108,231,495</u>	<u>\$ 112,863,887</u>	<u>100.0%</u>	<u>\$ 110,807,002</u>	<u>100.0%</u>

Other Operating Revenues have increased over originally budgeted amounts in the Water and Wastewater systems in FY 2019 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, 2020 is seven more than the number of full-time positions approved as of September 30, 2018 in the Original FY 2019 Budget. The following is a summary of the changes in the number of full-time employees since the Original FY 2019 Budget was approved:

Full-time positions September 30, 2018	278
Positions Added in FY 2019:	
Line Specialist, Electric Transmission & Distribution	1
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	283
Positions Proposed in Original FY 2020 Budget:	
Senior Plant Operator, Water Reclamation	1
Design Engineer, FPUAnet Communications	<u>1</u>
Full-time positions proposed, September 30, 2020	<u>285</u>

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. The increase in the number of full-time positions is expected to yield improved productivity and the ability to complete projects on schedule.

There are currently 16 employees participating in the deferred retirement option program (DROP), resulting in savings of \$149,507 in FY 2019 and \$94,376 in FY 2020 for employer retirement contributions which are not being made for these employees.

PERSONNEL - NUMBER OF FULL-TIME POSITIONS

DEPARTMENT	FINAL 9/30/2017	FINAL 9/30/2018	AMENDED BUDGET 9/30/2019	ORIGINAL BUDGET 9/30/2020
01 Manatee Observation & Education Center	3 P	4 P	4 P	4 P
02 Treasure Coast Energy Center	13 D	15 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 D	3 D
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	2	2	2
32 Information Technology Services	17 D	17 D	17	17
35 Facilities	5 D	5	5	5
41 Community Relations	-	1	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	25	25
55 Electric Operations	24 D	23 D	24 D	24 D
56 Electric & Gas Engineering	9 P	11 D, P	13 D, P	13 D, P
61 Director of Water/Wastewater Systems	1	1	1	1
62 Water Resources	24 D	25 D	25 D	25 D
64 Water Distribution	28 D	27 D	27 D	27 D
66 Water/Wastewater Engineering	11 P	12 P	13 P	13 P
74 Gas Operations	15 D	15 D	15 D	15 D
82 Water Reclamation	16 D	16 D	15 D	16 D
84 Wastewater Collection	19 D	20 D	20 D	20 D
93 FPUAnet Communications	3 D	3	3	4
TOTAL	270	278	283	285

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 2019</u>	Amended Budget <u>FY 2019</u>	Percent Change	Original Budget <u>FY 2020</u>	Percent Change
Purchases for Resale	\$ 49,410,965	\$ 49,133,000	(0.6%)	\$ 48,063,599	(2.2%)
Personnel Services	16,744,825	16,336,749	(2.4%)	17,558,568	7.5%
Employee Benefits	8,029,336	8,355,930	4.1%	8,741,962	4.6%
Contractual Services	7,916,053	7,614,404	(3.8%)	7,894,122	3.7%
Commodities	3,477,894	3,483,908	0.2%	3,655,407	4.9%
Depreciation	14,000,000	13,000,000	(7.1%)	13,000,000	0.0%
Interest Expense	2,879,479	3,040,879	5.6%	2,799,204	(7.9%)
City Distribution	6,082,515	6,125,454	0.7%	6,268,101	2.3%
Other Fixed & Sundry	4,183,328	4,037,910	(3.5%)	4,186,796	3.7%
<i>TOTAL</i>	112,724,395	111,128,234	(1.4%)	112,167,759	0.9%
Less Transfers	2,557,000	2,103,000	(17.8%)	2,103,000	0.0%
<i>TOTAL</i>					
<i>APPROPRIATION</i>	<u>\$ 110,167,395</u>	<u>\$ 109,025,234</u>	(1.0%)	<u>\$ 110,064,759</u>	1.0%

*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.

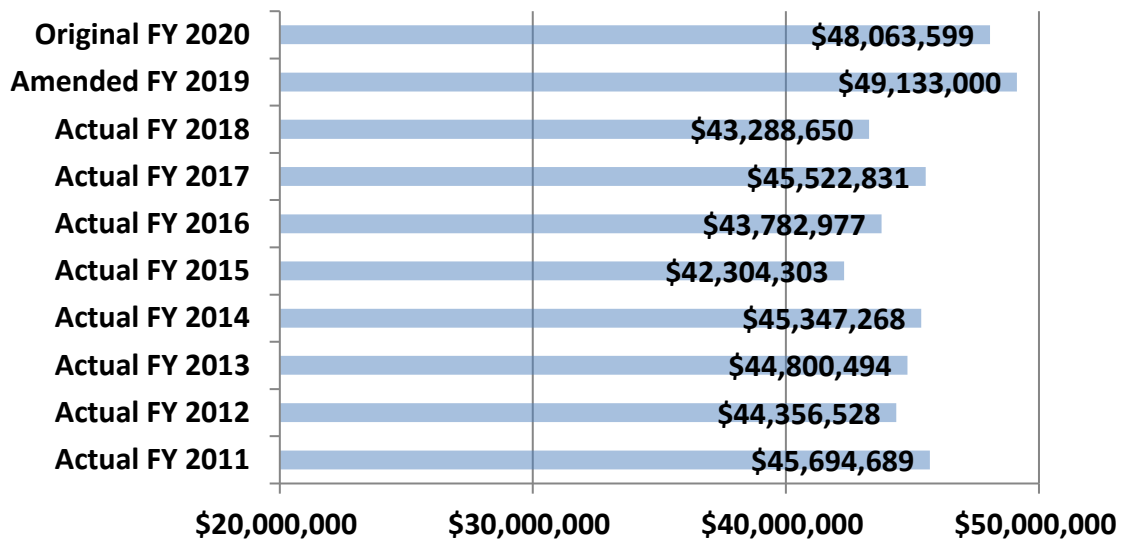
Summary tables and graphs of O&M expenses are located on [pages 63 through 67](#). The details for each department can be found on [pages 70 through 131](#).

In the Amended FY 2019 O&M Budget, expenses before transfers total \$111,128,234, which is a decrease of 1.0% from the Original FY 2019 Budget. This decrease is primarily attributable to a \$1,000,000 decrease in Depreciation. The Original FY 2020 O&M Budget expenses total \$112,167,759 which is an increase of 0.9% from the Amended FY 2019 Budget, and a decrease of 0.5% when compared to the Original FY 2019 Budget, is also attributable to the projected decrease in Depreciation.

Explanations for some of the major increases/decreases between the Original FY 2019 Budget and the Amended FY 2019 Budget and the Original FY 2020 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 2020 purchases for resale have decreased when compared to the Amended FY 2019 Budget due to decreases in the estimated price of power purchased from FMPA.

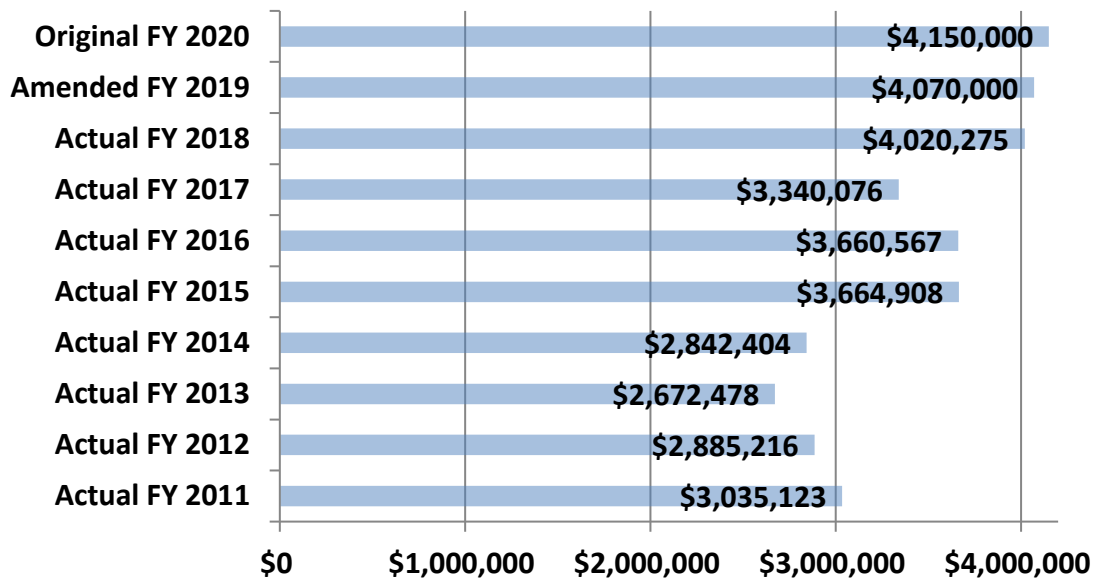
Purchases for Resale



- **1010 – Salaries and Wages:** The personnel head count has increased for FY 2020 due to projected growth. The Amended FY 2019 budget has decreased 2.9% from the Original FY 2019 budget due to employee turnover and vacancies. The FY 2020 budget for salaries and wages has increased 5.0% as compared to the Original FY 2019 budget. Wage increases, in the amount of \$638,530 (general pay increase of 2% plus up to 2% for performance incentives) have been included in the FY 2020 Original Budget, but will only be paid if approved separately by the FPUA Board.
- **1020 – Overtime:** Much of the increase in the FY 2019 Amended Budget compared to the Original, as well as the decrease in the FY 2020 Original Budget compared to the FY 2019 Amended, is due to planned outages at the Treasure Coast Energy Center in FY 2019.

- **4050 – Retirement:** The actuarially-required employer contribution to the City of Fort Pierce Retirement and Benefit System will decrease from 18.11% in FY 2019 to 17.58% in FY 2020.
- **4070 – Employees’ Insurance:** FPUA is self-insured for employees’ health and dental coverage. Since FY 2015, actual costs have increased an average of 3.2% per year, which is far below industry averages. This trend of modest increases is expected to continue for FY 2019 and FY 2020.

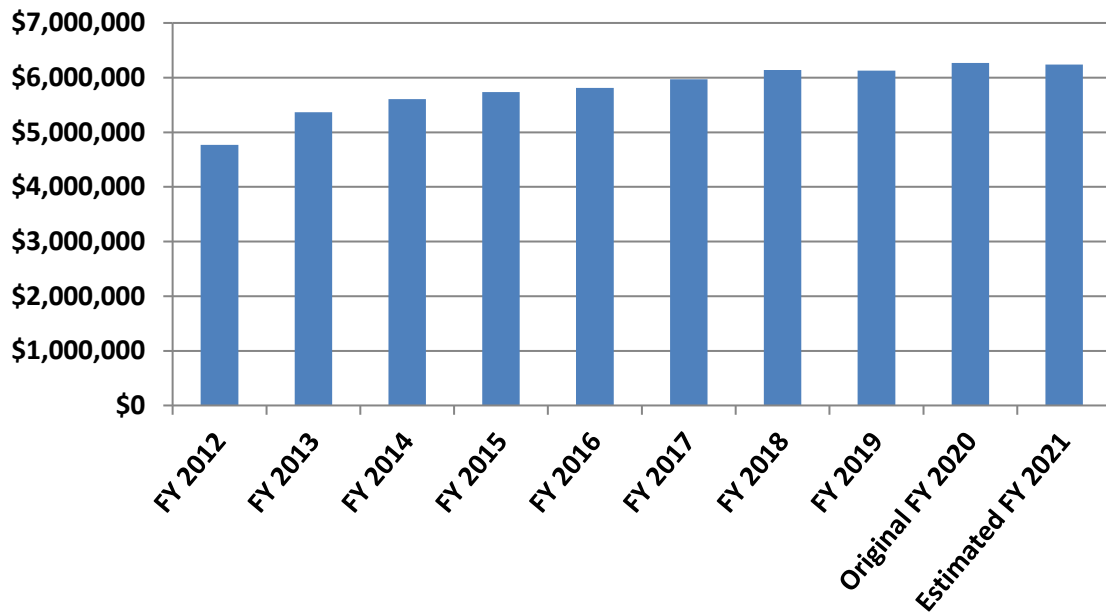
Employees' Insurance



- **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. Due to the implementation of Governmental Accounting Standards Board Statement No. 75 (GASB 75) and prior year accruals, this liability is now decreasing, and is projected to be a credit for the FY 2019 Amended and FY 2020 Original Budgets. An actuarial study is 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 2019, payable in April 2020, is estimated to be \$6,268,101, up \$142,647 or 2.3% from the FY 2018 distribution paid in April 2019. The distribution for FY 2020, payable in April 2021, is estimated to be \$6,238,735, down \$29,366 or 0.5% from the distribution for FY 2019.

Distribution to the City of Fort Pierce



- **2250 – Community Relations:** Funding in the amount of \$100,000 has been included in the FY 2019 Amended Budget and increased to \$125,000 in the FY 2020 Original Budget 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.
- **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’s O&M Contingency amount is now \$1,000,000 in each year, 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 remain flat.

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 3.26 times for FY 2019, and 2.93 times for FY 2020. Based on these projections, FPUA is expected to maintain its debt service coverage well above the minimum requirement of 1.25 times.

CAPITAL IMPROVEMENT PLAN (CIP)

The FY 2020 Capital Budget totals \$22,758,973, including contingency funding of \$500,000. The CIP totals \$122,641,458 for FY 2020 through FY 2024, and 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 35% of the FY 2020 – FY 2024 CIP. 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 35% of the FY 2020 – FY 2024 CIP.

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 has received authorization to carry over budgeted funds for partially completed projects which remain from FY 2019 and spend those funds in FY 2020 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 2020 – FY 2024 CIP consists of the following major projects which account for 42% of the total:

<u>PROJECT DESCRIPTION</u>	<u>SYSTEM</u>	<u>AMOUNT</u>
Advanced Metering Infrastructure	E,G,W	\$9,158,500
Storm Hardening	Admin, E	5,163,809
Water Mains Miscellaneous R&R	W	5,045,861
System Expansion Projects	G,W,WW	5,015,000
Wastewater Main Lining	WW	4,210,376
Governmental & Other Required	E,G,W,WW	4,040,485
Main/Service/Valve Replacements	W	3,609,591
New Construction – Commercial	E	3,346,091
IWRF Emergency Standby Generator	WW	3,214,999
City Roadway Projects	W,WW	3,165,000
Digiorgio Road Wastewater Improvements	WW	2,783,461
Kings Hwy - Okeechobee Rd to Orange Ave	W,WW	2,081,164
Lincoln Park Smart Neighborhood Initiative	FPUAnet	1,200,000

The portion of the FY 2020 Capital Budget that will be funded by rates is \$16,780,120, or 74% of the total. Contributions from outside sources are expected to fund 19% of the FY 2020 Capital Budget. The Advanced Metering Infrastructure (AMI) project is expected to span a six-year timeframe, and is estimated to cost \$9 million. Some of the AMI project and a few other system expansion projects are expected to be debt funded, and account for 5% of the FY 2020 Capital Budget.

The remaining 2% of the FY 2020 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.

The multiplicity of requirements by regulatory and governmental agencies demands a considerable amount of capital. Thirty-five percent of the FY 2020 – FY 2024 CIP 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. Sixteen percent of the CIP is attributable to new growth. Replacement of aging operating systems, overall system improvements and the replacement of worn out equipment account for 13% of the CIP. 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. Capital projects may or may not have an ongoing financial impact on FPUA's operating budget. The projected annual impact is described in more detail on [page 140](#). Decreases in operations and maintenance costs do result from renewals and replacements. 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. The replacement of old, gasoline-powered vehicles with clean, compressed natural gas bi-fuel vehicles is expected to pay off in the long run. 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 133](#).

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 \$11,006,996 in FY 2019 and \$8,698,561 in FY 2020. ([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, 2018. 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 23 consecutive years.

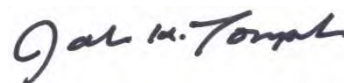
This award is valid for a period of one year only. FPUA believes the current Budget continues to conform to program requirements, and is submitting it to GFOA to determine its eligibility for another award.

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 2, 2019 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, 2018

Christopher P. Morill

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

Each department completes Operations and Maintenance (O&M) Budget worksheets which are provided by Finance, including comparative prior year's data. Previously approved personnel changes are incorporated into existing personnel budgets and the O&M budget worksheets. 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 update the worksheets as necessary, and Directors give final approval.

REVIEW AND REVISE

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 Goals and Objectives, 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.

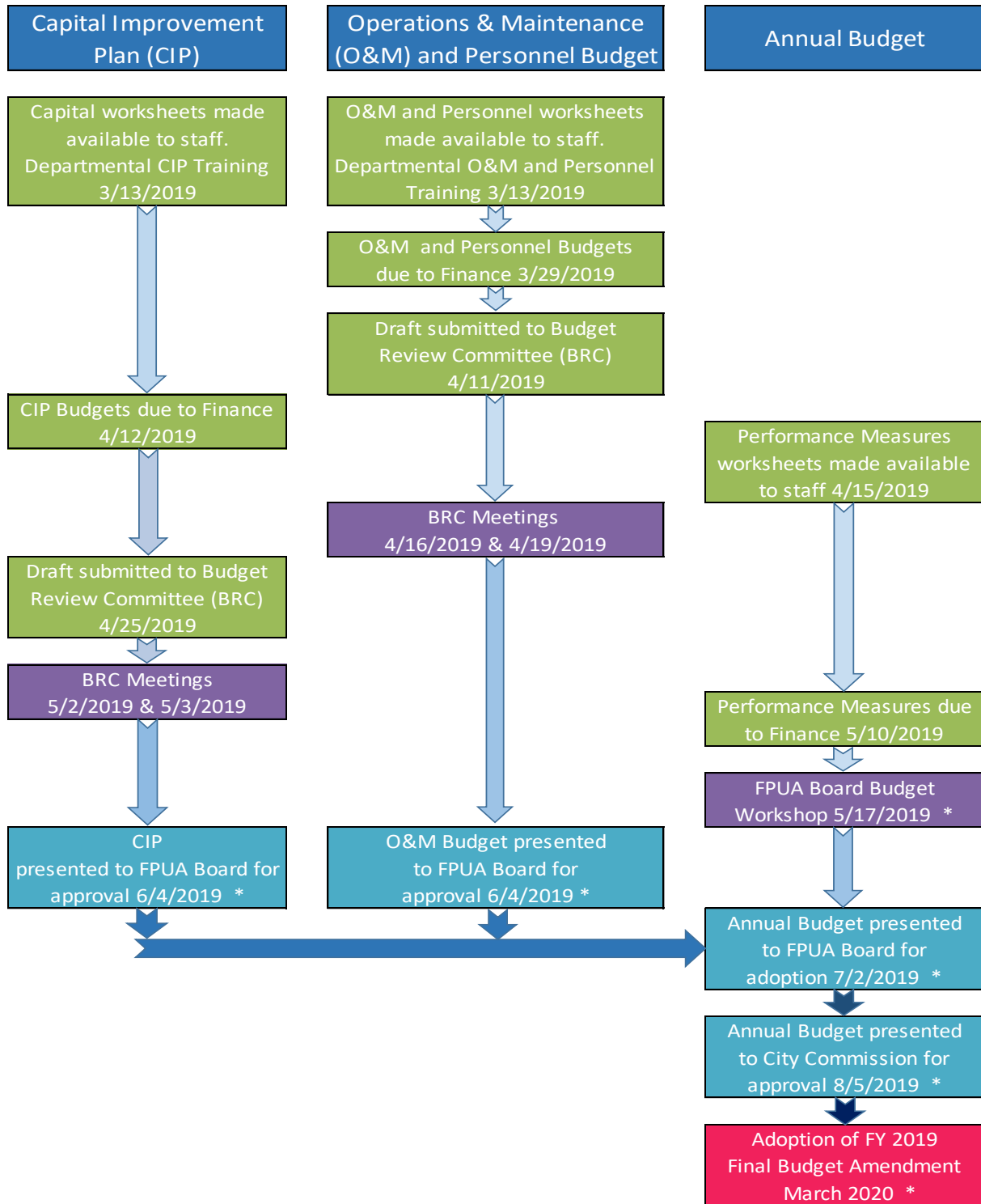
APPROVAL

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.

FINAL BUDGET AMENDMENT

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

Budget Preparation Flowchart



* Members of the 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 on or before November 30, 1989 are followed to the extent that those standards do not conflict with or contradict GASB pronouncements, in accordance with GASB 62. 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 POLICY

Purpose:

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. 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 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
ELECTRIC - MWH				
Residential	235,521	233,074	233,059	233,059
General Service	307,770	304,108	308,939	308,939
Street Lights	3,108	3,112	3,215	3,215
Traffic Signals	792	798	800	800
Rental Lights	6,227	6,227	5,987	5,987
<i>TOTAL</i>	<u>553,418</u>	<u>547,319</u>	<u>552,000</u>	<u>552,000</u>
WATER - 1000's of GALLONS				
Residential	889,831	874,690	901,700	901,700
General Service	1,440,426	1,402,205	1,534,900	1,534,900
Sales for Resale	335,494	314,748	313,800	313,800
<i>TOTAL</i>	<u>2,665,751</u>	<u>2,591,643</u>	<u>2,750,400</u>	<u>2,750,400</u>
NATURAL GAS - CCF				
Residential	427,855	440,858	452,500	431,674
General Service	2,114,141	2,224,479	2,375,624	2,266,291
Heat Only	598	1,016	620	620
Contract Sales	1,624,410	1,635,710	1,656,715	1,656,715
<i>TOTAL</i>	<u>4,167,004</u>	<u>4,302,063</u>	<u>4,485,459</u>	<u>4,355,300</u>
WASTEWATER - 1000's of GALLONS				
Residential	641,849	625,727	640,800	640,800
General Service	910,512	908,627	923,600	923,600
<i>TOTAL</i>	<u>1,552,361</u>	<u>1,534,354</u>	<u>1,564,400</u>	<u>1,564,400</u>

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

AMENDED BUDGET FY 2019	ELECTRIC	WATER	NATURAL GAS	WASTE-WATER	OTHER	TOTAL
REVENUES	\$70,930,228	\$18,362,623	\$4,930,607	\$15,554,652	\$3,085,777	\$112,863,887
EXPENSES	69,843,893	18,599,103	5,027,433	12,428,573	3,126,232	109,025,234
Change in Net Position	1,086,335	(236,480)	(96,826)	3,126,079	(40,455)	3,838,653
ADD BACK:						
Depreciation	4,329,718	4,689,228	333,884	3,570,987	76,183	13,000,000
Debt Accretion	524,923	509,769	31,837	206,938	-	1,273,467
Amortization of deferred charges and bond discounts	11,076	7,145	890	3,600	-	22,711
SUBTRACT:						
Principal payments on debt	2,453,826	2,382,986	148,825	967,363	-	5,953,000
Restricted CIC's not spent	-	310,900	-	851,500	-	1,162,400
OPEB accrual	4,179	3,758	930	2,562	1,006	12,435
FUNDS AVAILABLE FOR CAPITAL AND OTHER	\$ 3,494,047	\$ 2,272,018	\$ 120,030	\$ 5,086,179	\$ 34,722	\$ 11,006,996

ORIGINAL BUDGET FY 2020	ELECTRIC	WATER	NATURAL GAS	WASTE-WATER	OTHER	TOTAL
REVENUES	\$69,679,831	\$18,338,623	\$4,757,607	\$14,246,652	\$3,784,289	\$110,807,002
EXPENSES	69,636,494	19,037,157	5,078,959	12,665,866	3,646,283	110,064,759
Change in Net Position	43,337	(698,534)	(321,352)	1,580,786	138,006	742,243
ADD BACK:						
Depreciation	4,452,193	4,600,083	355,727	3,515,011	76,986	13,000,000
Debt Accretion	450,558	437,551	27,326	177,622	-	1,093,057
Restricted CIC's spent in excess of received	-	158,574	-	-	-	158,574
Amortization of deferred charges and bond discounts	10,766	6,945	865	3,499	-	22,075
SUBTRACT:						
Principal payments on debt	2,479,382	2,407,805	150,375	977,438	-	6,015,000
Restricted CIC's not spent	-	-	-	289,953	-	289,953
OPEB accrual	4,151	3,728	924	2,587	1,045	12,435
FUNDS AVAILABLE FOR CAPITAL AND OTHER	\$ 2,473,321	\$ 2,093,086	\$ (88,733)	\$ 4,006,940	\$ 213,947	\$ 8,698,561

ESTIMATED DISTRIBUTION TO THE CITY OF FORT PIERCE

AMENDED FY 2019 REVENUE BUDGET	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
GROSS REVENUE	\$ 70,930,228	\$ 18,362,623	\$ 4,930,607	\$ 15,554,652	\$ 3,085,777	\$ 112,863,887
REVERSE:						
Purchased Power & Gas Adjustments	3,103,900	-	333,000	-	-	3,436,900
Capital Contributions	177,000	860,000	35,000	868,000	100,000	2,040,000
Grant Revenue	-	-	-	-	10,000	10,000
FMPA O&M Contract Income	-	-	-	-	1,988,301	1,988,301
Gas Piping & Appliance Revenue	-	-	189,000	-	-	189,000
Gas Piping & Appliance Costs	-	-	(77,000)	-	-	(77,000)
Revenue for City Billing	77,931	56,123	11,307	41,652	187	187,200
Extraordinary Income	178,397	-	-	-	-	178,397
MOEC Operating Revenue	-	-	-	-	442,747	442,747
ADJUSTED GROSS REVENUE	\$ 67,393,000	\$ 17,446,500	\$ 4,439,300	\$ 14,645,000	\$ 544,542	\$ 104,468,342
DISTRIBUTION TO CITY PAYABLE IN FY 2020	\$ 4,043,580	\$ 1,046,790	\$ 266,358	\$ 878,700	\$ 32,673	\$ 6,268,101

ORIGINAL FY 2020 REVENUE BUDGET	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
GROSS REVENUE	\$ 69,679,831	\$ 18,338,623	\$ 4,757,607	\$ 14,246,652	\$ 3,784,289	\$ 110,807,002
REVERSE:						
Purchased Power & Gas Adjustments	2,103,900	-	352,000	-	-	2,455,900
Capital Contributions	177,000	286,000	25,000	348,000	500,000	1,336,000
Grant Revenue	-	-	-	-	10,000	10,000
FMPA O&M Contract Income	-	-	-	-	2,161,007	2,161,007
Gas Piping & Appliance Revenue	-	-	189,000	-	-	189,000
Gas Piping & Appliance Costs	-	-	(77,000)	-	-	(77,000)
Revenue for City Billing	77,931	56,123	11,307	41,652	187	187,200
MOEC Operating Revenue	-	-	-	-	565,985	565,985
ADJUSTED GROSS REVENUE	\$ 67,321,000	\$ 17,996,500	\$ 4,257,300	\$ 13,857,000	\$ 547,110	\$ 103,978,910
DISTRIBUTION TO CITY PAYABLE IN FY 2021	\$ 4,039,260	\$ 1,079,790	\$ 255,438	\$ 831,420	\$ 32,827	\$ 6,238,735

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 \$193,672,000 as of September 30, 2019 and \$194,414,000 as of September 30, 2020.

This projection assumes that capital expenditures will be \$12,600,000 in FY 2019 and are estimated for FY 2020 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 2019 and FY 2020 is affected by a decrease in unrestricted cash. The anticipated increase in the cost of purchased power will impact changes in Net Position. Any increases in purchased power will reduce the existing over-recovery of Purchased Power and is reflected in the change in Deferred Inflows of Resources in the FY 2019 and FY 2020 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 0.47 in the FY 2020 Original Budget shows that for every dollar of internal financing, there will be \$0.47 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 9/30/2018	AMENDED BUDGET 9/30/2019	ORIGINAL BUDGET 9/30/2020
Current Ratio:			
Unrestricted Assets	4.72	4.69	4.68
Restricted Assets	1.28	1.20	1.21
Debt to Equity Ratio	0.52	0.49	0.47
Debt Service Ratio	3.12x	3.26x	2.93x

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 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
Net Position - Beginning of Year	\$ 187,687	\$ 189,834	\$ 193,672
Change in Net Position	2,147	3,838	742
Net Position - End of Year	\$ 189,834	\$ 193,672	\$ 194,414

BUDGETED STATEMENT OF NET POSITION

(Dollars in Thousands)

	ACTUAL 9/30/17	ACTUAL 9/30/18	AMENDED BUDGET 9/30/19	ORIGINAL BUDGET 9/30/20	CHANGE 9/30/19 TO 9/30/20	
					\$	%
ASSETS AND DEFERRED OUTFLOWS						
ASSETS						
Current Assets:						
Equity in Pooled Cash and Investments	\$ 26,661	\$ 28,616	\$ 26,891	\$ 25,583	\$ (1,308)	(4.86%)
Accounts Receivable, Net of Allowance for Uncollectible Accounts	8,489	7,820	8,412	8,303	(109)	(1.29%)
Unbilled Receivables	5,626	6,306	6,306	6,306	-	0.00%
Due from Other Governments	2,085	1,962	1,589	1,549	(40)	(2.52%)
Inventories and Other Current Assets	4,514	4,723	4,724	4,724	-	0.00%
Restricted Equity in Pooled Cash and Investments	13,946	12,831	12,114	12,445	331	2.73%
Restricted Cash with Fiscal Agent	6,353	6,379	6,404	6,432	28	0.44%
Total Current Assets	<u>67,674</u>	<u>68,637</u>	<u>66,439</u>	<u>65,341</u>	<u>(1,097)</u>	<u>(1.65%)</u>
Noncurrent Assets:						
Capital Assets:						
Utility Plant in Service	446,447	455,645	457,595	469,095	11,500	2.51%
Construction Work in Progress	20,124	18,052	19,952	15,857	(4,095)	(20.52%)
Less Accumulated Depreciation	(253,514)	(259,869)	(264,119)	(275,619)	(11,500)	4.35%
Total Capital Assets (net of Accumulated Depreciation)	<u>213,057</u>	<u>213,828</u>	<u>213,428</u>	<u>209,333</u>	<u>(4,095)</u>	<u>(1.92%)</u>
Other Noncurrent Assets:						
FMPA Working Capital Receivable	1,919	1,919	1,919	1,919	-	0.00%
Preliminary Surveys	41	68	68	68	-	0.00%
Investment in Public Gas Partners Pool	486	428	428	428	-	0.00%
Restricted Equity in Pooled Cash and Investments	6,857	6,857	6,857	6,857	-	0.00%
Total Other Noncurrent Assets	<u>9,303</u>	<u>9,272</u>	<u>9,272</u>	<u>9,272</u>	<u>-</u>	<u>0.00%</u>
Total Noncurrent Assets	<u>222,360</u>	<u>223,100</u>	<u>222,700</u>	<u>218,604</u>	<u>(4,095)</u>	<u>(1.84%)</u>
TOTAL ASSETS	<u>290,034</u>	<u>291,737</u>	<u>289,138</u>	<u>283,946</u>	<u>(5,192)</u>	<u>(1.80%)</u>
DEFERRED OUTFLOWS OF RESOURCES						
Deferred Pension Outflow	7,979	4,772	5,777	7,590	1,812	31.37%
Deferred Amount on Debt Refunding	132	115	97	81	(17)	(17.27%)
TOTAL DEFERRED OUTFLOWS OF RESOURCES	<u>8,111</u>	<u>4,887</u>	<u>5,875</u>	<u>7,670</u>	<u>1,796</u>	<u>30.57%</u>
TOTAL ASSETS AND DEFERRED OUTFLOWS	<u>\$ 298,145</u>	<u>\$ 296,624</u>	<u>\$ 295,013</u>	<u>\$ 291,616</u>	<u>\$ (3,397)</u>	<u>(1.15%)</u>

BUDGETED STATEMENT OF NET POSITION
(Dollars in Thousands)

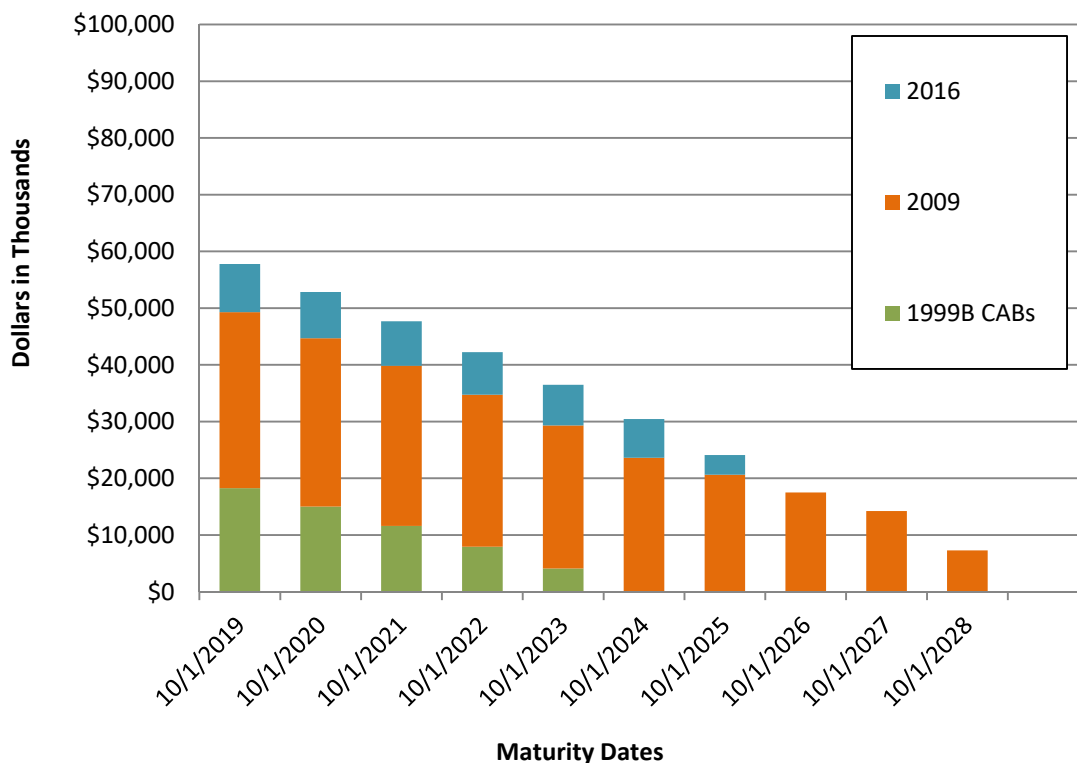
	ACTUAL 9/30/17	ACTUAL 9/30/18	AMENDED BUDGET 9/30/19	ORIGINAL BUDGET 9/30/20	CHANGE 9/30/19 TO 9/30/20	
					\$	%
LIABILITIES, DEFERRED INFLOWS AND NET POSITION						
LIABILITIES						
Current Liabilities:						
Accounts Payable and Accrued Expenses	\$ 8,973	\$ 8,977	\$ 8,727	\$ 8,427	\$ (300)	(3.44%)
Due to City of Fort Pierce	746	802	801	801	-	0.00%
Customer Deposits	8,029	8,280	8,600	8,800	200	2.33%
Revenue Bonds Payable - restricted assets	5,840	5,897	5,953	6,015	62	1.04%
Accrued Interest Payable - restricted assets	908	881	853	823	(30)	(3.49%)
Capital Leases Payable	11	24	29	34	5	18.47%
Other Current Liabilities	835	658	657	657	-	0.00%
Total Current Liabilities	<u>25,342</u>	<u>25,519</u>	<u>25,620</u>	<u>25,557</u>	<u>(62)</u>	<u>(0.24%)</u>
Noncurrent Liabilities:						
Revenue Bonds Payable, Net of						
Unamortized Discounts	66,851	62,402	57,728	52,812	(4,916)	(8.52%)
Accrued Compensated Absences	1,968	2,015	2,015	2,015	-	0.00%
Other Post Employment Benefits Obligation	742	856	844	831	(13)	(1.52%)
Net Pension Liability	10,090	7,408	8,412	10,225	1,813	21.55%
Due to St Lucie County	124	77	-	-	-	0.00%
Capital Leases Payable	-	114	85	51	(34)	(39.86%)
Total Noncurrent Liabilities	<u>79,775</u>	<u>72,872</u>	<u>69,084</u>	<u>65,934</u>	<u>(3,150)</u>	<u>(4.56%)</u>
TOTAL LIABILITIES	105,117	98,391	94,705	91,491	(3,213)	(3.39%)
DEFERRED INFLOWS OF RESOURCES						
Purchased Power and Gas Over-Recovery	2,416	4,482	2,719	1,794	(925)	(34.02%)
Deferred Pension Inflow	2,925	3,874	3,874	3,874	-	0.00%
Deferred OPEB Inflow	-	43	44	44	-	0.00%
Total Deferred Inflows of Resources	<u>5,341</u>	<u>8,399</u>	<u>6,636</u>	<u>5,711</u>	<u>(925)</u>	<u>(13.94%)</u>
NET POSITION						
Net Investment in Capital Assets	140,472	145,492	156,745	160,153	3,408	2.17%
Restricted for Capital Improvement Charges	5,522	4,152	3,514	3,645	131	3.73%
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	34,836	33,333	26,556	23,760	(2,797)	(10.53%)
Total Net Position	<u>187,687</u>	<u>189,834</u>	<u>193,672</u>	<u>194,414</u>	<u>742</u>	<u>0.38%</u>
TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION	<u>\$ 298,145</u>	<u>\$ 296,624</u>	<u>\$ 295,013</u>	<u>\$ 291,616</u>	<u>\$ (3,396)</u>	<u>(1.15%)</u>

OUTSTANDING DEBT

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, 2019 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, 2019 through October 1, 2024 carry principal amounts totaling \$26,020,000 due in those years in annual amounts ranging from \$4,335,000 to \$4,340,000. The accreted value as of June 30, 2019 was \$22,294,091.
- \$34,800,000 Utilities Refunding Revenue Bonds, Series 2009, interest varying from 4.00% to 5.00%. The bonds mature October 1, 2019 through October 1, 2029, with annual principal amounts ranging from \$1,310,000 to \$7,285,000. The outstanding balance as of June 30, 2019 was \$32,335,000.
- \$9,545,000 Utilities Revenue Bond, Series 2016, interest fixed at 2.14%. Future bond maturity dates October 1, 2019 through October 1, 2026 carry annual principal amounts ranging from \$308,000 to \$3,451,000. The outstanding balance as of June 30, 2019 was \$8,776,000.

Outstanding Debt Through Maturity



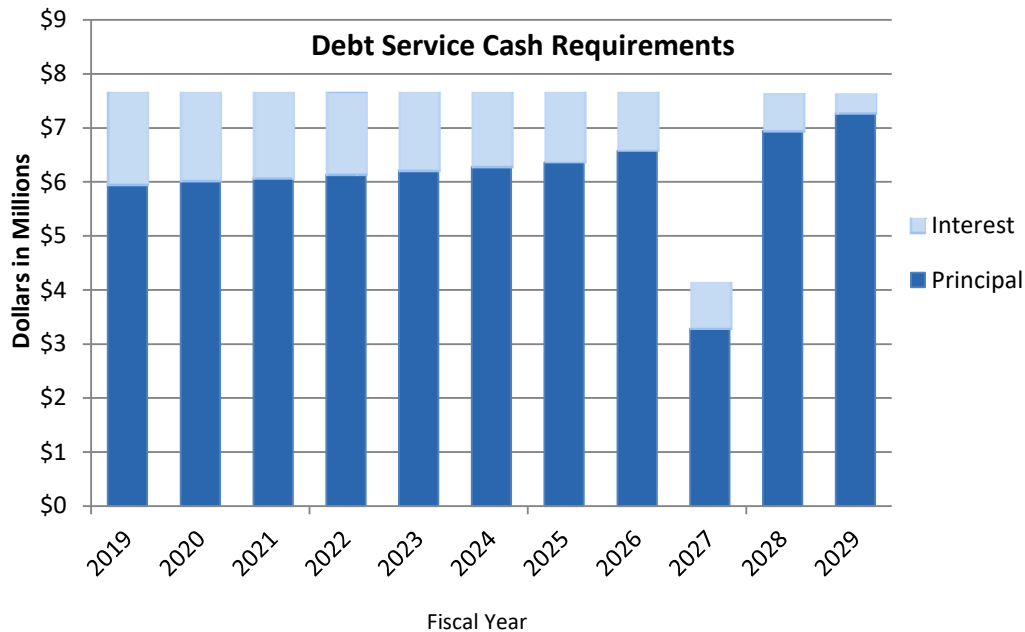
DEBT SERVICE

Following is a summary of each system's cost of borrowed money, including principal repayments and interest expense associated with the retirement of outstanding bonded debt. 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 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>ELECTRIC</u>				
Principal	\$ 2,407,248	\$ 2,430,743	\$ 2,453,827	\$ 2,479,383
Interest	1,408,340	1,321,222	1,228,013	1,128,657
<i>Total</i>	3,815,588	3,751,965	3,681,840	3,608,040
<u>WATER</u>				
Principal	2,337,752	2,360,569	2,382,986	2,407,805
Interest	1,367,682	1,283,079	1,192,561	1,096,073
<i>Total</i>	3,705,434	3,643,648	3,575,547	3,503,878
<u>NATURAL GAS</u>				
Principal	146,000	147,425	148,825	150,375
Interest	85,416	80,132	74,479	68,453
<i>Total</i>	231,416	227,557	223,304	218,828
<u>WASTEWATER</u>				
Principal	949,000	958,263	967,362	977,438
Interest	555,205	520,860	484,115	444,946
<i>Total</i>	1,504,205	1,479,123	1,451,477	1,422,384
<i>TOTAL ALL SYSTEMS</i>	<u>\$ 9,256,643</u>	<u>\$ 9,102,293</u>	<u>\$ 8,932,168</u>	<u>\$ 8,753,129</u>
<u>SUMMARY</u>				
Principal	\$ 5,840,000	\$ 5,897,000	\$ 5,953,000	\$ 6,015,000
Interest	3,416,643	3,205,293	2,979,168	2,738,129
<i>Total</i>	<u>\$ 9,256,643</u>	<u>\$ 9,102,293</u>	<u>\$ 8,932,168</u>	<u>\$ 8,753,129</u>

DEBT SERVICE CASH REQUIREMENTS BY FISCAL YEAR

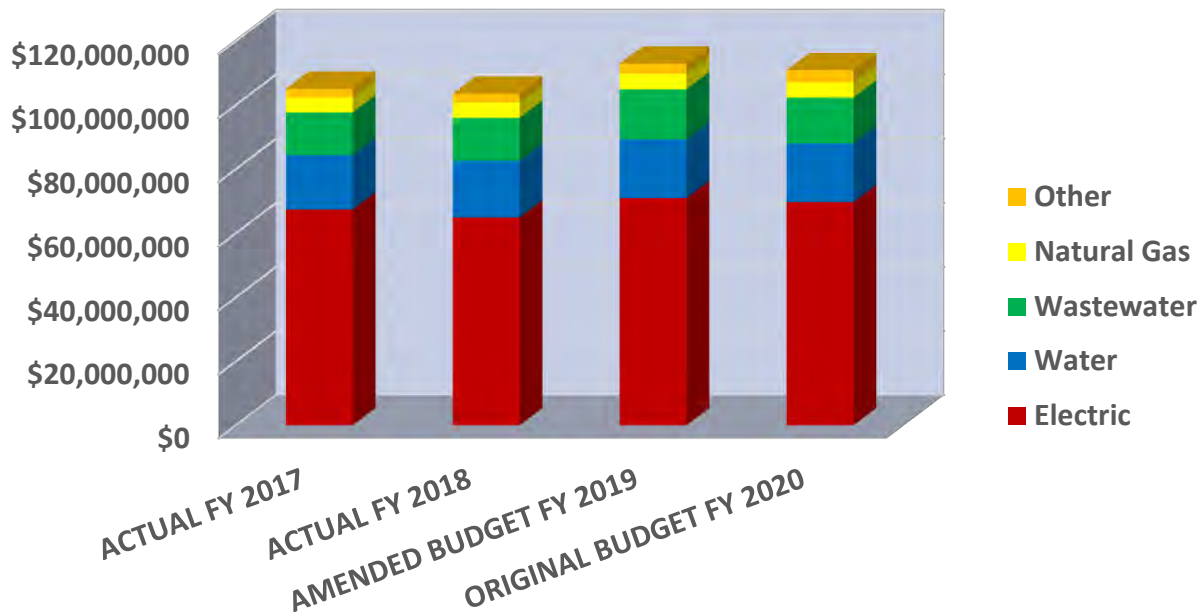
<u>Year Ending</u> <u>September 30</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2019	\$ 5,953,000	\$ 1,705,701	\$ 7,658,701
2020	6,015,000	1,645,073	7,660,073
2021	6,076,000	1,583,932	7,659,932
2022	6,138,000	1,518,842	7,656,842
2023	6,210,000	1,449,348	7,659,348
2024	6,283,000	1,376,729	7,659,729
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>\$ 67,131,000</u>	<u>\$ 13,557,352</u>	<u>\$ 80,688,352</u>



REVENUES



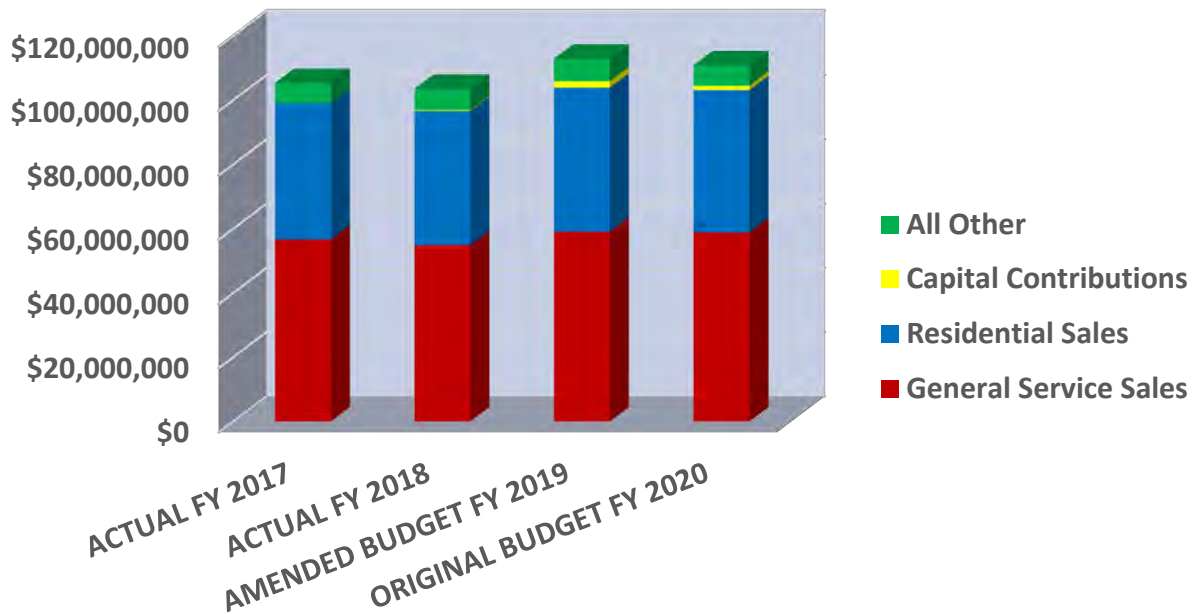
REVENUES BY SYSTEM



	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
Electric	\$ 67,349,954	\$ 64,884,346	\$ 70,930,228	\$ 69,679,831
Water	17,018,627	17,692,411	18,362,623	18,338,623
Wastewater	13,273,510	13,357,912	15,554,652	14,246,652
Natural Gas	4,688,341	4,790,379	4,930,607	4,757,607
Other	2,718,701	2,765,525	3,085,777	3,784,289
Total Revenues	\$ 105,049,133	\$ 103,490,573	\$ 112,863,887	\$ 110,807,002

FPUA staff estimated unit sales and sales revenues for FY 2019 and FY 2020 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 2018 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

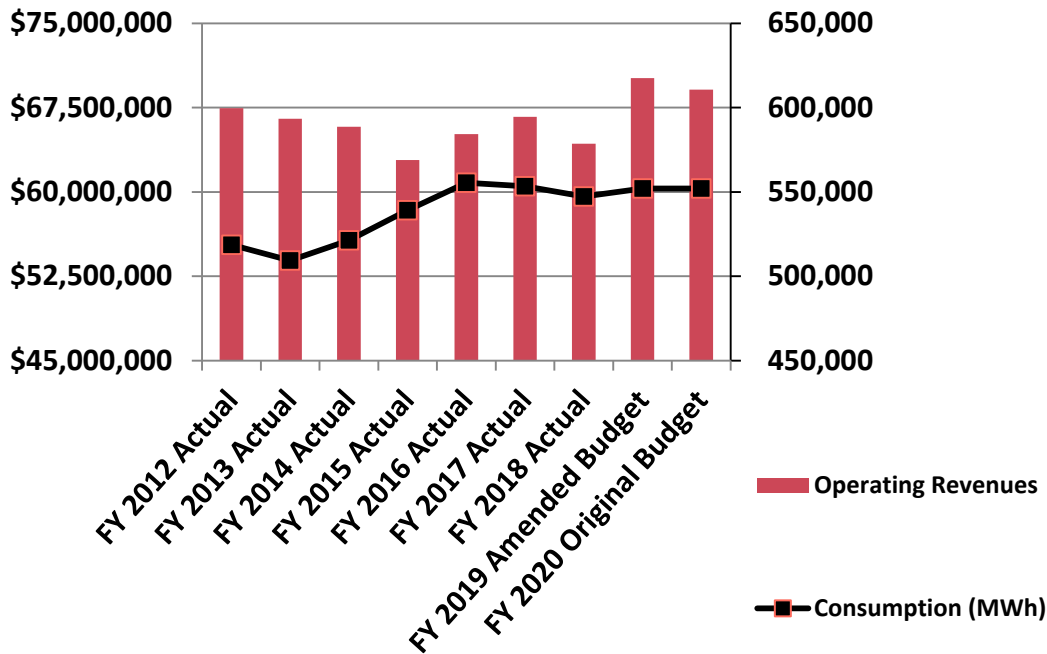


	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
General Service Sales	\$ 56,635,229	\$ 54,873,845	\$ 59,084,223	\$ 58,825,223
Residential Sales	42,393,772	41,730,690	44,759,677	44,275,677
Capital Contributions	(256,277)	291,443	2,040,000	1,336,000
All Other	6,276,409	6,594,595	6,979,987	6,370,102
Total Revenues	\$ 105,049,133	\$ 103,490,573	\$ 112,863,887	\$ 110,807,002

In FY 2020, FPUA expects to generate 93.0% 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 7.0% 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.



The Original Budget for FY 2020 Electric operating revenues is expected to decrease \$1 million, or 1.5%, from the Amended Budget for FY 2019. Both the Amended FY 2019 and Original FY 2020 projections are greater, when compared to FY 2018 actual. These increases are primarily attributable to increases in the Power Cost Adjustment (PCA) budgeted for FY 2020.

It is estimated that FPUA will purchase approximately 575,000 MWh and sell approximately 552,000 MWh for FY 2020. These estimates reflect an unaccounted for or, line loss factor, of 4%. The electric power cost is projected to be \$46 million or \$80.00 per MWh purchased for FY 2020. Based upon budgeted unit sales at current rates, electric sales revenues for FY 2020 will be approximately \$68.1 million.

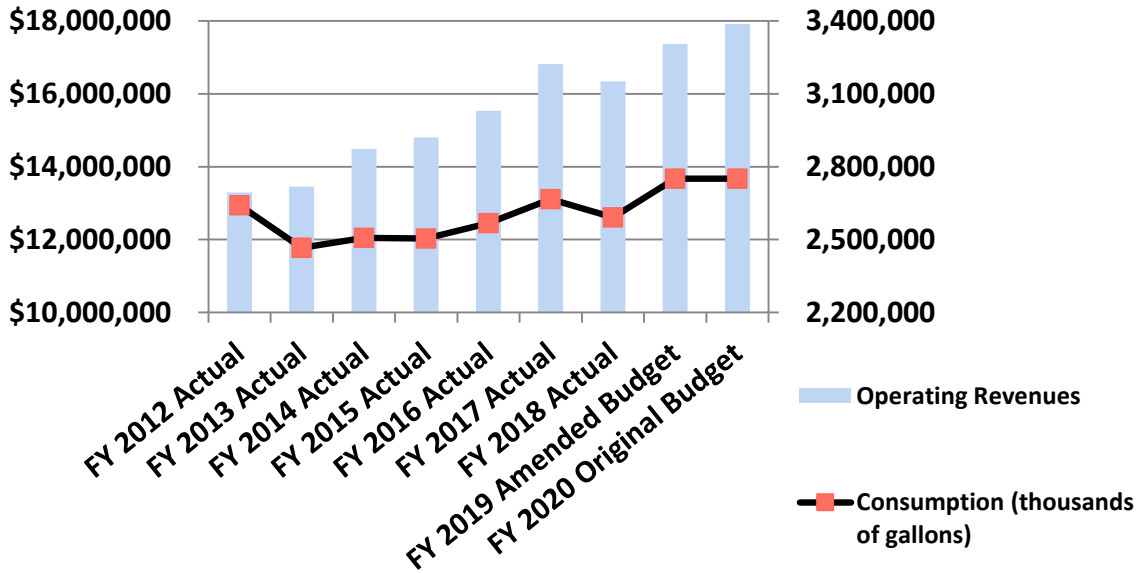
Based upon a review of historical customer statistics and the most recent plans for new development, it is expected that electric customer services billed will remain flat from FY 2019 to FY 2020.

ELECTRIC REVENUES

	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>OPERATING REVENUES</u>				
<i>SALES OF ELECTRICITY:</i>				
<i>RESIDENTIAL SALES:</i>				
Inside City	\$ 23,248,266	\$ 22,957,381	\$ 23,734,000	\$ 23,734,000
Outside City	5,676,094	5,648,497	5,783,000	5,783,000
<i>GENERAL SERVICE:</i>				
Inside City	29,975,136	29,398,665	29,459,000	29,459,000
Outside City	5,160,159	5,268,471	5,400,000	5,400,000
<i>POWER COST ADJUSTMENT:</i>				
Residential	(304,177)	(968,116)	1,334,677	904,677
General Service	(76,266)	(1,209,331)	1,769,223	1,199,223
UNBILLED SERVICE REVENUE	275,700	414,200	-	-
<i>RENTAL LIGHTS:</i>				
Residential	76,107	75,531	75,000	74,000
General Service	1,126,973	1,128,004	1,091,000	1,054,000
STREETLIGHTS & TRAFFIC SIGNALS	507,876	508,296	516,000	516,000
<i>TOTAL</i>	65,665,868	63,221,598	69,161,900	68,123,900
<i>OTHER OPERATING REVENUES</i>	1,021,593	1,064,936	974,000	974,000
<i>TOTAL OPERATING REVENUES</i>	66,687,461	64,286,534	70,135,900	69,097,900
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	131,178	227,625	321,000	321,000
REVENUE FOR CITY BILLING	82,985	82,761	77,931	77,931
MISCELLANEOUS INCOME	15,703	270,401	6,000	6,000
GAIN (LOSS) ON DISPOSITION OF PROPERTY	17,376	(134,464)	34,000	-
GRANT REVENUE	-	4,724	-	-
<i>TOTAL NON-OPERATING REVENUES</i>	247,242	451,047	438,931	404,931
<i>REVENUES BEFORE CAPITAL CONTRIBUTIONS</i>	66,934,703	64,737,581	70,574,831	69,502,831
<u>CONTRIBUTED CAPITAL - CASH</u>	415,251	146,765	177,000	177,000
<i>REVENUES BEFORE EXTRAORDINARY ITEMS</i>	67,349,954	64,884,346	70,751,831	69,679,831
<u>EXTRAORDINARY INCOME</u>	-	-	178,397	-
<i>TOTAL REVENUES</i>	\$ 67,349,954	\$ 64,884,346	\$ 70,930,228	\$ 69,679,831

WATER REVENUES

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



FY 2020 Water operating revenues are expected to increase \$550,000, or 3.2%, over Amended FY 2019 levels. Adjustments to the Bulk Water Agreement with St. Lucie County is the reason for this increase.

Consumption is expected to increase by 0.6% for FY 2020 as compared to Actual for FY 2018. However, the Amended FY 2019 is anticipated to be flat to FY 2020. It is estimated that FPUA will sell approximately 2.7 billion gallons of water in FY 2020. Based upon these unit sales at current rates, water sales revenue for FY 2020 will be approximately \$17.9 million.

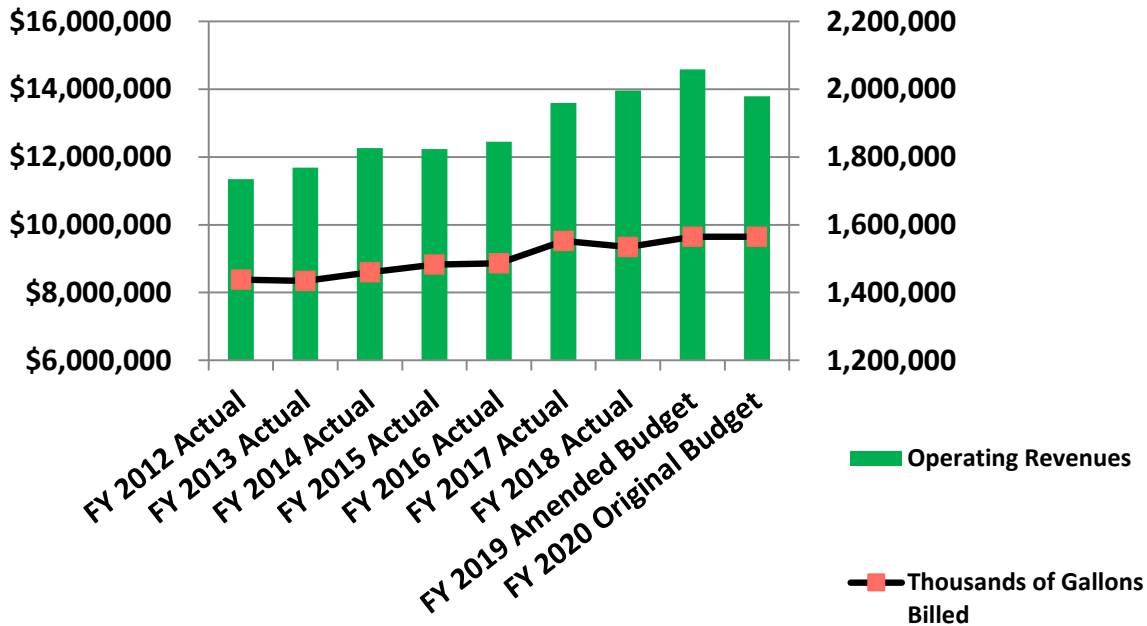
While some new development has begun, the uncertainty of the market has kept projections of the number of water customer services billed, flat from FY 2019 to FY 2020.

WATER REVENUES

	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>OPERATING REVENUES</u>				
<i>SALES OF WATER:</i>				
<i>RESIDENTIAL SALES:</i>				
Inside City	\$ 4,883,274	\$ 4,833,809	\$ 5,021,000	\$ 5,021,000
Outside City	1,792,893	1,820,473	1,948,000	1,948,000
<i>GENERAL SERVICE:</i>				
Inside City	5,772,487	5,726,499	5,920,000	5,920,000
Outside City	2,595,443	2,485,777	2,920,000	2,920,000
UNBILLED SERVICE REVENUE	(24,500)	154,700	-	-
SALES FOR RESALE	952,803	893,884	957,000	1,507,000
UNMETERED FIRE PROTECTION	152,273	155,552	166,000	166,000
<i>TOTAL</i>	16,124,673	16,070,694	16,932,000	17,482,000
<i>OTHER OPERATING REVENUES</i>	689,502	276,059	435,500	435,500
<i>TOTAL OPERATING REVENUES</i>	16,814,175	16,346,753	17,367,500	17,917,500
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	26,575	46,271	77,000	77,000
GRANT REVENUE	415,593	146,271	-	-
REVENUE FOR CITY BILLING	50,301	50,581	56,123	56,123
MISCELLANEOUS INCOME	12,842	11,648	2,000	2,000
<i>TOTAL NON-OPERATING REVENUES</i>	505,311	254,771	135,123	135,123
<i>REVENUES BEFORE CAPITAL CONTRIBUTIONS</i>	17,319,486	16,601,524	17,502,623	18,052,623
<u>CAPITAL CONTRIBUTIONS</u>				
CAPITAL IMPROVEMENT CHARGES	88,016	481,935	425,900	150,000
CAPACITY REDUCTIONS	(586,000)	(181,900)	(275,900)	-
CONTRIBUTED CAPITAL - CASH	76,789	420,076	495,000	136,000
CONTRIBUTED CAPITAL - NONCASH	120,336	370,776	215,000	-
<i>TOTAL CAPITAL CONTRIBUTIONS</i>	(300,859)	1,090,887	860,000	286,000
<i>TOTAL REVENUES</i>	<u>\$ 17,018,627</u>	<u>\$ 17,692,411</u>	<u>\$ 18,362,623</u>	<u>\$ 18,338,623</u>

WASTEWATER REVENUES

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



Total FY 2020 Wastewater operating revenues are expected to be approximately \$788,000 or 5.4% below the Amended FY 2019 levels but only 1.1% less than Actual FY 2018. The adjustment to the Bulk Water Agreement with St Lucie County will adversely impact the FY 2020 Wastewater revenues which will be more than offset by the corresponding increases in Water revenues. Fiscal years 2018 and FY 2019 experienced a few developers electing to reduce their available capacity for wastewater services by applying previously paid Capital Improvement Charges (CICs) toward delinquent Guaranteed Revenue Charges (GRCs). The unusual amount of GRCs recovered in those years is not expected to continue into FY 2020.

It is estimated that FPUA will bill approximately 1.6 billion gallons during FY 2020. At current rates, wastewater charges for FY 2020 are estimated to be almost \$13.0 million.

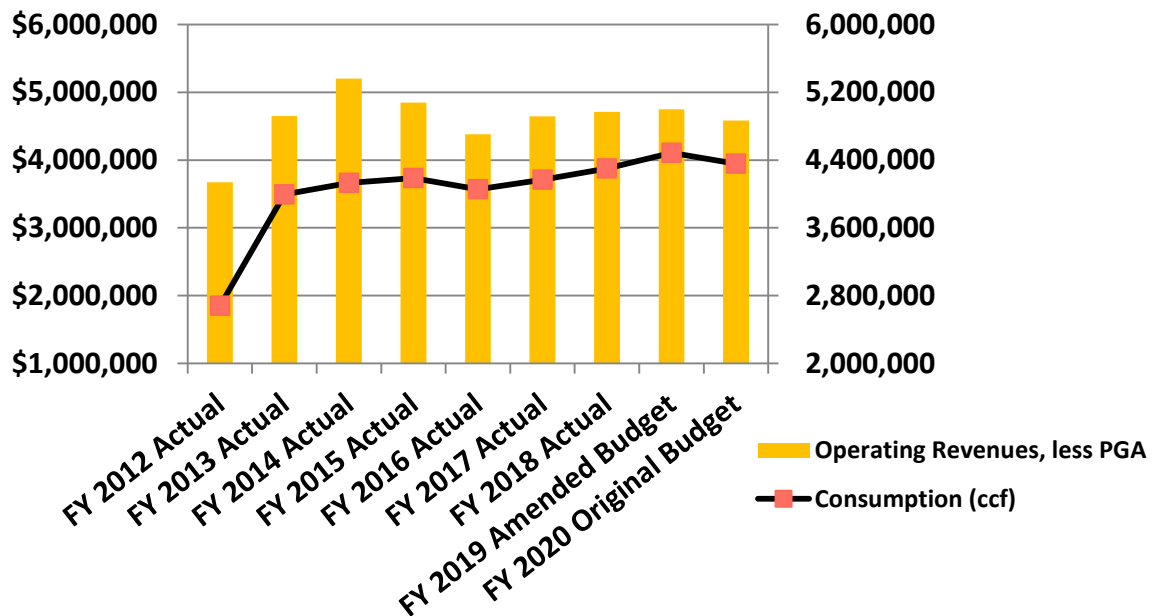
While some new development has begun, the uncertainty of the market has kept projections for the number of wastewater customer services billed, flat from FY 2019 to FY 2020.

WASTEWATER REVENUES

	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>OPERATING REVENUES</u>				
WASTEWATER CHARGES:				
RESIDENTIAL:				
Inside City	\$ 4,952,158	\$ 4,891,994	\$ 5,101,000	\$ 5,101,000
Outside City	581,110	583,072	593,000	593,000
GENERAL SERVICE:				
Inside City	5,674,900	5,594,298	5,808,000	5,808,000
Outside City	1,071,928	1,076,983	1,130,000	1,130,000
REVENUE FROM ST. LUCIE COUNTY	358,040	421,171	432,000	340,000
UNBILLED SERVICE REVENUE	28,100	95,000	-	-
TOTAL	12,666,236	12,662,518	13,064,000	12,972,000
OTHER OPERATING REVENUES	927,870	1,298,104	1,521,000	825,000
TOTAL OPERATING REVENUES	13,594,106	13,960,622	14,585,000	13,797,000
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	21,758	38,212	58,000	58,000
REVENUE FOR CITY BILLING	44,179	44,142	41,652	41,652
GRANT REVENUE	-	295,945	-	-
MISCELLANEOUS INCOME	1,854	1,095	2,000	2,000
GAIN (LOSS) ON DISPOSITION OF PROPERTY	-	-	-	-
TOTAL NON-OPERATING REVENUES	67,791	379,394	101,652	101,652
REVENUES BEFORE CAPITAL CONTRIBUTIONS	13,661,897	14,340,016	14,686,652	13,898,652
<u>CAPITAL CONTRIBUTIONS</u>				
CAPITAL IMPROVEMENT CHARGES	103,874	333,417	973,500	348,000
CAPACITY REDUCTIONS	(730,200)	(1,192,500)	(625,500)	-
CONTRIBUTED CAPITAL - CASH	182,454	(202,079)	-	-
CONTRIBUTED CAPITAL - NONCASH	55,485	79,058	520,000	-
TOTAL CAPITAL CONTRIBUTIONS	(388,387)	(982,104)	868,000	348,000
TOTAL REVENUES	\$ 13,273,510	\$ 13,357,912	\$ 15,554,652	\$ 14,246,652

NATURAL GAS

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



Budgeted operating revenues for Natural Gas in FY 2020 are expected to be \$163,000 or 3.4% below the Amended FY 2019 levels. The primary reason is a projected decrease in consumption by residential and general service customers.

Staff estimates that FPUA will purchase approximately 4,624,000 ccf in FY 2019 and approximately 4,490,000 ccf in FY 2020. At current rates, natural gas sales revenues for FY 2020 will be approximately \$4.5 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 2019 to FY 2020. FPUA continues to promote commercial natural gas usage. It has been anticipated that the natural gas system will continue to lose a small number of residential services billed annually while adding new contract commercial services billed. This trend is anticipated to continue for the next few years.

NATURAL GAS REVENUES

	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>OPERATING REVENUES</u>				
<i>SALES OF NATURAL GAS:</i>				
<i>RESIDENTIAL SALES:</i>				
Inside City	\$ 1,050,157	\$ 1,060,094	\$ 1,049,000	\$ 1,001,000
Outside City	169,300	174,178	165,000	157,000
<i>GENERAL SERVICE:</i>				
Inside City	1,939,146	2,033,761	2,257,000	2,153,000
Outside City	468,392	478,871	484,000	462,000
<i>CONTRACT SALES</i>				
Commercial	215,600	211,518	219,000	219,000
Industrial	199,268	187,191	170,000	170,000
<i>HEAT ONLY:</i>				
Residential	7,490	6,968	6,000	6,000
General Service	1,746	2,088	2,000	2,000
<i>PURCHASED GAS ADJUSTMENT:</i>				
Residential	(24,760)	(24,591)	(51,000)	(48,000)
General Service	539,325	512,147	384,000	400,000
COMPRESSED NATURAL GAS	360	-	1,000	1,000
UNBILLED SERVICE REVENUE	6,200	7,500	-	-
TOTAL	4,572,224	4,649,725	4,686,000	4,523,000
OTHER OPERATING REVENUES	72,534	61,343	62,000	62,000
TOTAL OPERATING REVENUES	4,644,758	4,711,068	4,748,000	4,585,000
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	8,463	14,684	24,000	24,000
REVENUE FOR CITY BILLING	9,734	9,716	11,307	11,307
GAS PIPING & APPLIANCE SALES	59,484	73,086	189,000	189,000
GAS PIPING & APPLIANCE COSTS	(44,694)	(44,776)	(77,000)	(77,000)
GAIN (LOSS) ON DISPOSITION OF PROPERTY	-	317	-	-
MISCELLANEOUS INCOME	305	7,000	300	300
TOTAL NON-OPERATING REVENUES	33,292	60,027	147,607	147,607
REVENUES BEFORE CAPITAL CONTRIBUTIONS	4,678,050	4,771,095	4,895,607	4,732,607
<u>CONTRIBUTED CAPITAL - CASH</u>	10,291	19,284	35,000	25,000
TOTAL REVENUES	\$ 4,688,341	\$ 4,790,379	\$ 4,930,607	\$ 4,757,607

MANATEE OBSERVATION AND EDUCATION CENTER REVENUES

	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>OPERATING REVENUES</u>				
FPUA CONTRIBUTION	\$ 238,919	\$ 208,944	\$ 207,747	\$ 308,985
GIFT SHOP SALES	136,668	143,029	155,000	165,000
BOAT TOURS	27,178	34,051	23,000	30,000
DONATIONS	7,324	3,631	6,500	7,000
ADMISSIONS	17,565	18,706	19,000	20,000
TEACHING INCOME & CAMPS	15,008	24,446	21,500	23,000
MEMBERSHIPS	205	80	5,000	5,000
FUND RAISING INCOME	1,529	2,193	5,000	7,000
TOTAL OPERATING REVENUES	444,396	435,080	442,747	565,985
<u>NON-OPERATING REVENUES</u>				
INVESTMENT AND OTHER INCOME	584	1,014	-	-
GRANT REVENUE	5,000	9,580	10,000	10,000
GAIN (LOSS) ON DISPOSITION OF PROPERTY	2,862	5,319	55,000	5,000
TOTAL NON-OPERATING REVENUES	8,446	15,913	65,000	15,000
<u>CONTRIBUTED CAPITAL - NONCASH</u>	-	13,574	-	-
TOTAL REVENUES	\$ 452,842	\$ 464,567	\$ 507,747	\$ 580,985

FPUANET COMMUNICATIONS REVENUES

	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>OPERATING REVENUES</u>				
DEDICATED INTERNET ACCESS	\$ 151,535	\$ 158,195	\$ 172,112	\$ 206,534
FIBER BANDWIDTH CONNECTIONS	125,086	120,050	122,410	134,651
COMMON CARRIER TELECOM SERVICES	132,559	133,222	135,210	135,210
DARK FIBER TRANSMISSION	33,336	33,926	34,362	34,362
WIRELESS BROADBAND INTERNET ACCESS	18,081	19,095	20,012	24,014
WIRELESS BANDWIDTH CONNECTIONS	4,277	5,501	5,436	7,339
TOTAL OPERATING REVENUES	464,874	469,989	489,542	542,110
<u>NON-OPERATING REVENUES</u>				
REVENUE FOR CITY BILLING	-	-	187	187
REVENUES BEFORE CAPITAL CONTRIBUTIONS	464,874	469,989	489,729	542,297
<u>CONTRIBUTED CAPITAL - CASH</u>	7,427	3,037	100,000	500,000
TOTAL REVENUES	\$ 472,301	\$ 473,026	\$ 589,729	\$ 1,042,297

TREASURE COAST ENERGY CENTER REVENUES

	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>NON-OPERATING REVENUES</u>				
FMPA O&M CONTRACT INCOME	\$ 1,793,558	\$ 1,827,932	\$ 1,988,301	\$ 2,161,007
TOTAL NON-OPERATING REVENUES	1,793,558	1,827,932	1,988,301	2,161,007
TOTAL REVENUES	\$ 1,793,558	\$ 1,827,932	\$ 1,988,301	\$ 2,161,007

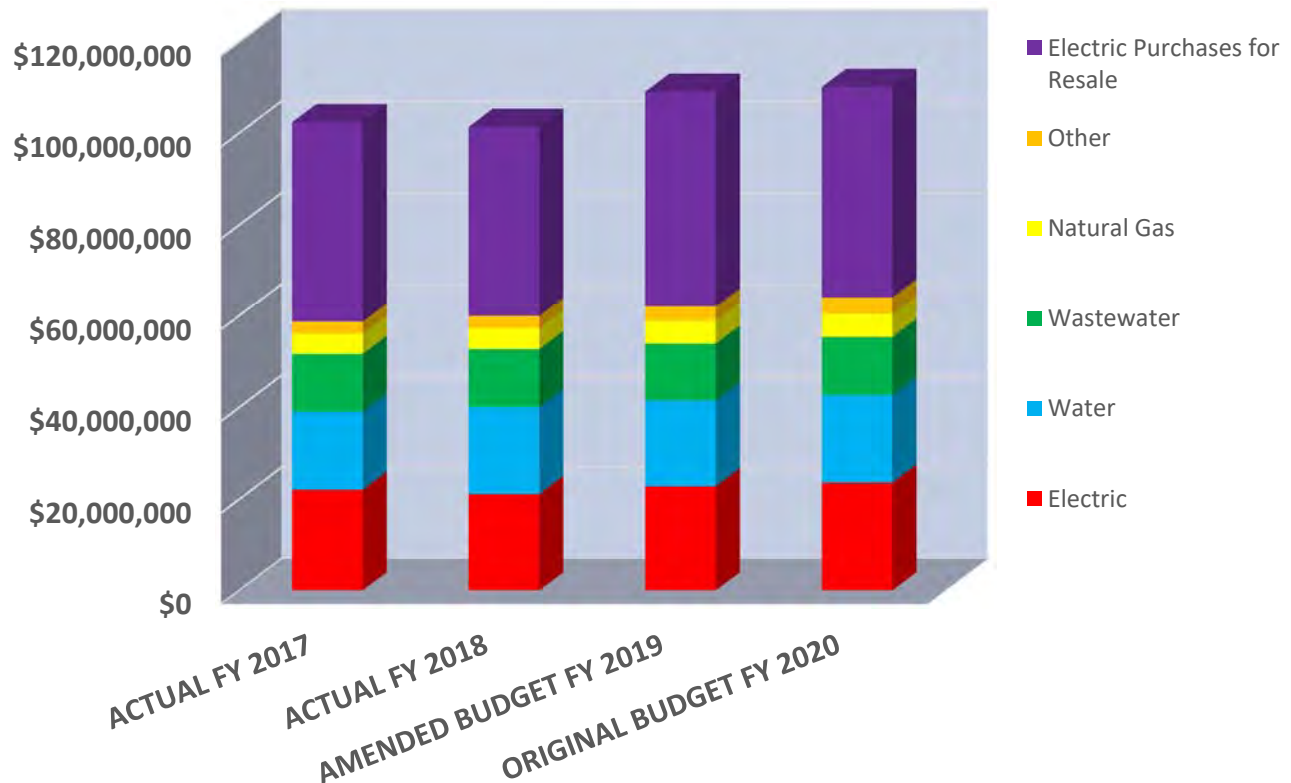


OPERATIONS AND MAINTENANCE

OPERATIONS AND MAINTENANCE EXPENSES BY DEPARTMENT

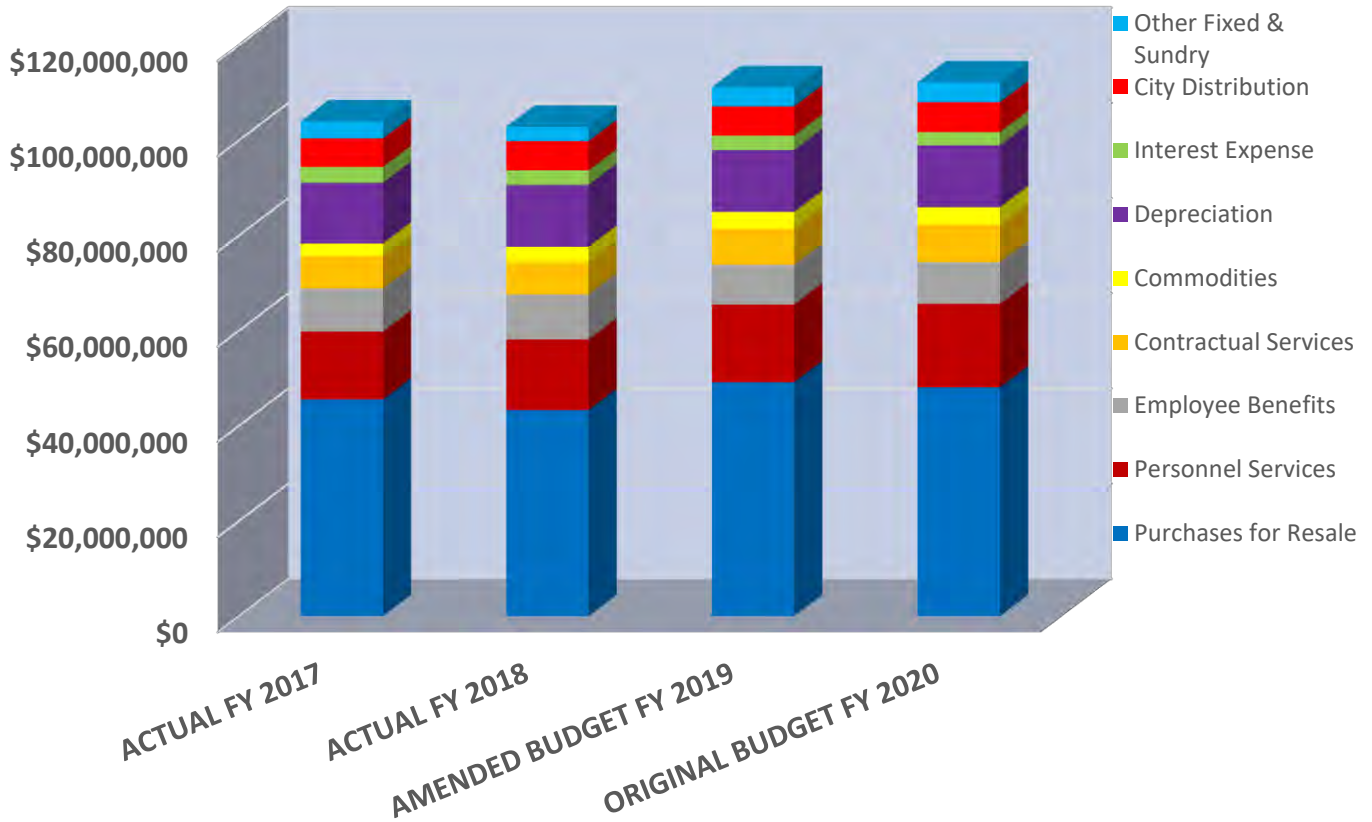
Department Name	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
01 - MOEC	\$ 453,229	\$ 464,567	\$ 507,747	\$ 580,985
02 - Treasure Coast Energy Center	1,793,558	1,827,932	1,988,301	2,161,007
10 - Board	97,757	112,341	121,709	112,773
11 - Director of Utilities	489,229	376,107	348,400	355,046
12 - Attorney	144,601	131,425	138,768	148,555
15 - Human Resources	383,330	370,185	415,775	450,472
18 - Safety	178,905	179,870	255,705	255,685
21 - Finance	1,444,217	1,639,546	1,677,294	1,897,317
22 - Materials Management	706,055	708,050	749,788	751,793
31 - Director of Utility Support Services	137,774	164,597	308,582	321,104
32 - Information Technology Services	2,469,021	2,742,134	2,891,078	3,026,869
35 - Facilities	753,243	841,551	814,764	892,120
39 - Administrative & General - MOEC	396	-	380	3,300
41 - Community Relations	-	185,420	206,674	213,337
43 - Customer Service	2,188,837	2,022,501	2,136,367	2,175,194
49 - Administrative & General - Administration	50,053	55,031	1,057,035	1,052,035
51 - Director of Electric & Gas Systems	316,771	310,251	357,181	333,933
52 - Power Generation	1,886	654	176	-
53 - Electric Purchases for Resale	43,689,344	41,402,405	47,000,000	46,000,000
54 - Electric Transmission & Distribution	7,776,682	7,187,497	8,221,057	8,608,132
55 - Electric Operations	1,992,339	2,052,699	1,965,358	2,082,603
56 - Electric & Gas Engineering	1,077,817	978,049	1,285,791	1,452,596
59 - Administrative & General - Electric	7,955,193	7,579,512	7,514,693	7,457,932
61 - Dir of Water/Wastewater Systems	172,014	196,075	209,605	221,826
62 - Water Resources	6,270,250	7,435,070	7,112,129	7,239,997
64 - Water Distribution	5,265,700	5,566,812	5,456,989	5,588,839
66 - Water/Wastewater Engineering	1,112,712	1,213,074	1,187,388	1,296,938
69 - Administrative & General - Water	2,454,352	2,440,289	2,391,609	2,340,577
74 - Gas Operations	1,777,684	1,898,827	1,886,135	1,996,192
75 - Gas Purchases for Resale	1,773,162	1,817,037	2,000,000	1,900,000
79 - Administrative & General - Gas	447,709	454,472	458,299	466,101
82 - Water Reclamation	3,640,350	3,701,450	3,679,356	3,630,676
84 - Wastewater Collection	5,128,757	4,949,710	4,749,178	4,870,640
89 - Administrative & General - Wastewater	1,461,206	1,450,331	1,464,316	1,464,079
93 - FPUAnet Communications	355,821	358,107	542,408	627,933
95 - FPUAnet Purchases for Resale	-	-	-	160,000
99 - Administrative & General - FPUAnet	-	-	28,199	31,173
Grand Total	\$ 103,959,954	\$ 102,813,578	\$ 111,128,234	\$ 112,167,759

OPERATIONS & MAINTENANCE EXPENSES BY SYSTEM



	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
Electric	\$ 22,088,953	\$ 21,159,554	\$ 22,843,893	\$ 23,636,494
Electric Purchases for Resale	43,689,344	41,402,405	47,000,000	46,000,000
Water	16,971,224	18,903,543	18,599,103	19,037,157
Wastewater	12,571,909	12,598,316	12,428,573	12,665,866
Natural Gas	4,438,016	4,629,723	5,027,433	5,078,959
Other	2,601,046	2,649,922	3,126,232	3,646,283
TOTAL, net	\$ 102,360,492	\$ 101,343,463	\$ 109,025,234	\$ 110,064,759

OPERATIONS & MAINTENANCE EXPENSES BY CATEGORY



Type	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
Purchases for Resale	\$ 45,522,831	\$ 43,288,650	\$ 49,133,000	\$ 48,063,599
Personnel Services	14,266,308	14,856,123	16,336,749	17,558,568
Employee Benefits	9,047,205	9,446,545	8,355,930	8,741,962
Contractual Services	6,798,651	6,842,051	7,614,404	7,894,122
Commodities	2,647,495	3,161,833	3,483,908	3,655,407
Depreciation	12,774,414	12,993,143	13,000,000	13,000,000
Interest Expense	3,325,094	3,077,389	3,040,879	2,799,204
City Distribution	5,968,785	6,138,645	6,125,454	6,268,101
Other Fixed & Sundry	3,609,171	3,009,199	4,037,910	4,186,796
TOTAL	\$ 103,959,954	\$ 102,813,578	\$ 111,128,234	\$ 112,167,759

NOTE: Includes capitalized labor and overhead and unallocated contingency

OPERATIONS AND MAINTENANCE EXPENSES BY OBJECT CODE

Object Code	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>				
1010 Salaries & Wages	\$ 13,540,823	\$ 14,075,785	\$ 15,442,849	\$ 16,700,218
1020 Overtime	725,485	780,338	893,900	858,350
<i>Personnel Services Total</i>	<u>14,266,308</u>	<u>14,856,123</u>	<u>16,336,749</u>	<u>17,558,568</u>
<u>EMPLOYEE BENEFITS</u>				
4050 Retirement	4,183,259	3,868,134	2,786,365	2,969,457
4060 FICA	1,082,848	1,097,382	1,241,552	1,334,624
4070 Employees' Insurance	3,340,076	4,020,275	4,070,000	4,150,000
4090 Vacation Pay Expense	38,747	11,322	-	-
4100 Sick Pay Expense	127,292	35,227	-	-
4110 Net OPEB Expense	31,000	157,890	(12,435)	(12,435)
4600 Workers' Compensation	238,467	252,061	260,448	290,316
4640 Unemployment Claims	5,516	4,254	10,000	10,000
<i>Employee Benefits Total</i>	<u>9,047,205</u>	<u>9,446,545</u>	<u>8,355,930</u>	<u>8,741,962</u>
<u>CONTRACTUAL SERVICES</u>				
2110 Advertising	35,218	33,876	49,820	65,070
2122 Rentals	59,426	60,056	70,380	70,225
2131 Maintenance of Buildings	86,488	59,976	109,500	109,500
2132 Maintenance of Vehicles	102,185	140,999	162,250	154,760
2133 Maintenance of Equipment	92,926	172,343	161,307	152,433
2139 Maintenance/Service Contracts	2,828,596	2,854,938	3,448,458	3,513,630
2140 Postage	202,148	173,096	214,419	223,320
2151 Printing	62,952	59,993	91,126	101,675
2161 Professional Fees - Audit	53,100	40,900	50,600	48,500
2164 Professional Fees - Consult/Eng	320,279	182,815	235,014	278,924
2165 Temporary Labor	20,008	49,531	21,550	2,550
2166 Professional Fees - Other	258,205	225,397	182,127	243,056
2170 Training	235,956	237,079	384,256	439,693
2171 Travel	16,460	14,130	17,494	19,049
2172 Car Allowance	133,213	132,726	145,125	150,960
2190 Communications	169,550	175,106	183,300	192,700
2200 Utilities	1,914,679	1,995,670	1,799,148	1,799,148
2230 Employee Relations	41,274	45,089	57,528	52,888
2240 Business Relations	5,545	3,134	5,269	5,566
2250 Community Relations	89,000	114,266	125,000	150,000
2260 Memberships - Professional	61,125	63,175	75,393	84,493
2262 Memberships - Civic	3,553	3,821	22,840	33,482
2290 Billing - Housing Authority	6,765	3,935	2,500	2,500
<i>Contractual Services Total</i>	<u>6,798,651</u>	<u>6,842,051</u>	<u>7,614,404</u>	<u>7,894,122</u>
<u>PURCHASES FOR RESALE</u>				
3360 Purchases for Resale	45,522,831	43,288,650	49,133,000	48,063,599
<i>Purchases for Resale Total</i>	<u>45,522,831</u>	<u>43,288,650</u>	<u>49,133,000</u>	<u>48,063,599</u>

OPERATIONS AND MAINTENANCE EXPENSES BY OBJECT CODE

Object Code	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>COMMODITIES</u>				
3311 Office Supplies	85,047	74,967	99,854	87,063
3313 Subscriptions	6,122	14,440	13,066	13,352
3316 Operating Supplies	1,377,429	1,629,610	1,734,425	1,754,158
3320 Chemicals	780,576	922,526	1,128,000	1,278,000
3331 Vehicle Supplies	310,021	406,225	406,527	414,892
3340 Small Tools	88,300	114,065	102,036	107,942
<i>Commodities Total</i>	<u>2,647,495</u>	<u>3,161,833</u>	<u>3,483,908</u>	<u>3,655,407</u>
<u>FIXED & SUNDRY</u>				
4010 Cost of Goods Sold	64,294	68,328	75,000	76,000
4015 Sales Discounts	8,844	6,738	10,000	11,000
4020 Cash (Over) Short	(211)	(3,130)	150	150
4080 Employee Suggestions & Awards	11,981	8,699	14,026	14,521
4509 Other Taxes	36,097	38,104	38,845	39,160
4510 Gross Receipts Tax	1,632,499	1,687,560	1,659,500	1,692,700
4520 Licenses & Permits	166,445	57,824	68,850	59,999
4531 Contributions - Civic	253,919	223,944	207,747	308,985
4610 Insurance - Prop/Liability	586,976	462,865	493,916	535,257
4666 Inventory Adjustments	23,043	(3,421)	28,000	4,024
4700 Utility Bad Debt Expense	261,696	159,799	150,000	150,000
5730 Bank Charges	316,234	331,173	341,000	344,000
9005 Duplicate Charges	(51,768)	(48,866)	(49,300)	(49,000)
<i>Fixed & Sundry Total</i>	<u>3,310,049</u>	<u>2,989,617</u>	<u>3,037,734</u>	<u>3,186,796</u>
<u>INTEREST EXPENSES</u>				
5721 Interest - Bonds	3,416,642	3,205,293	2,979,168	2,738,129
5723 Interest - Deposits	10,857	23,083	39,000	39,000
5725 Capitalized Interest	(126,355)	(174,683)	-	-
5729 Interest - Other	-	359	-	-
5731 Amortization of Bond Discounts	23,950	23,337	22,711	22,075
<i>Interest Expenses Total</i>	<u>3,325,094</u>	<u>3,077,389</u>	<u>3,040,879</u>	<u>2,799,204</u>
<u>MISCELLANEOUS</u>				
5710 Storm Expenses	297,236	18,928	-	-
9000 Distribution to City of Fort Pierce	5,968,785	6,138,645	6,125,454	6,268,101
9010 Contingency	-	-	1,000,000	1,000,000
9030 Depreciation	12,774,414	12,993,143	13,000,000	13,000,000
9050 Extraordinary Expense	1,886	654	176	-
<i>Miscellaneous Total</i>	<u>19,042,321</u>	<u>19,151,370</u>	<u>20,125,630</u>	<u>20,268,101</u>
Grand Total	<u>\$ 103,959,954</u>	<u>\$ 102,813,578</u>	<u>\$ 111,128,234</u>	<u>\$ 112,167,759</u>

ALLOCATION DISTRIBUTION AMENDED BUDGET FY 2019

	DEPARTMENTS	CAPITAL OR UNALLOC. CONTING.	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
01	MOEC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 507,747	\$ 507,747
02	Treasure Coast Energy Center	-	-	-	-	-	1,988,301	1,988,301
10	Board	4,000	49,002	35,289	7,110	26,190	118	121,709
11	Director of Utilities	12,000	140,043	100,853	20,319	74,849	336	348,400
12	Attorney	6,000	55,271	39,804	8,019	29,541	133	138,768
15	Human Resources	46,000	127,277	121,249	30,322	84,863	6,064	415,775
18	Risk Management	10,000	102,287	73,662	14,841	54,669	246	255,705
21	Finance	64,000	671,614	483,666	97,443	358,958	1,613	1,677,294
22	Materials Management	235,000	214,976	154,436	91,272	54,104	-	749,788
31	Director of Utility Support Services	7,000	103,804	98,889	24,730	69,213	4,946	308,582
32	Information Technology Services	117,000	954,838	909,620	227,474	636,651	45,495	2,891,078
35	Facilities	27,000	331,176	225,222	41,436	189,930	-	814,764
39	Administrative and General	-	-	-	-	-	380	380
41	Community Relations	-	86,038	61,961	12,483	45,985	207	206,674
43	Customer Service	-	889,369	640,483	129,037	475,342	2,136	2,136,367
49	Administrative and General	1,002,000	18,942	18,046	4,513	12,631	903	1,057,035
51	Director of Electric and Gas Systems	10,000	347,181	-	-	-	-	357,181
52	Power Generation	-	176	-	-	-	-	176
53	Electric Purchases for Resale	-	47,000,000	-	-	-	-	47,000,000
54	Electric Transmission and Distribution	235,000	7,986,057	-	-	-	-	8,221,057
55	Electric Operations	-	1,965,358	-	-	-	-	1,965,358
56	Electric and Gas Engineering	-	1,285,791	-	-	-	-	1,285,791
59	Administrative and General	-	7,514,693	-	-	-	-	7,514,693
61	Director of W/WW Systems	-	-	125,763	-	83,842	-	209,605
62	Water Resources	-	-	7,112,129	-	-	-	7,112,129
64	Water Distribution	79,000	-	5,377,989	-	-	-	5,456,989
66	W/WW Engineering	140,000	-	628,433	-	418,955	-	1,187,388
69	Administrative and General	-	-	2,391,609	-	-	-	2,391,609
74	Gas Operations	26,000	-	-	1,860,135	-	-	1,886,135
75	Gas Purchases for Resale	-	-	-	2,000,000	-	-	2,000,000
79	Administrative and General	-	-	-	458,299	-	-	458,299
82	Water Reclamation	3,000	-	-	-	3,676,356	-	3,679,356
84	Wastewater Collection	77,000	-	-	-	4,672,178	-	4,749,178
89	Administrative and General	-	-	-	-	1,464,316	-	1,464,316
93	FPUAnet Communications	3,000	-	-	-	-	539,408	542,408
95	FPUAnet Purchases for Resale	-	-	-	-	-	-	-
99	Administrative and General	-	-	-	-	-	28,199	28,199
	TOTALS	\$2,103,000	\$ 69,843,893	\$ 18,599,103	\$ 5,027,433	\$ 12,428,573	\$ 3,126,232	\$ 111,128,234

ALLOCATION DISTRIBUTION ORIGINAL BUDGET FY 2020

DEPARTMENTS		CAPITAL OR UNALLOC. CONTING.	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
01	MOEC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 580,985	\$ 580,985
02	Treasure Coast Energy Center	-	-	-	-	-	2,161,007	2,161,007
10	Board	4,000	45,282	32,610	6,570	24,202	109	112,773
11	Director of Utilities	12,000	142,810	102,845	20,720	76,328	343	355,046
12	Attorney	6,000	59,346	42,738	8,610	31,718	143	148,555
15	Human Resources	46,000	138,492	131,898	32,964	92,341	8,777	450,472
18	Risk Management	10,000	102,279	73,656	14,839	54,665	246	255,685
21	Finance	64,000	763,211	549,628	110,732	407,913	1,833	1,897,317
22	Materials Management	235,000	215,813	155,038	91,627	54,315	-	751,793
31	Director of Utility Support Services	7,000	107,550	102,429	25,599	71,710	6,816	321,104
32	Information Technology Services	117,000	996,340	948,908	237,154	664,323	63,144	3,026,869
35	Facilities	27,000	363,697	247,338	45,505	208,580	-	892,120
39	Administrative and General	-	-	-	-	-	3,300	3,300
41	Community Relations	-	88,813	63,958	12,886	47,467	213	213,337
43	Customer Service	-	905,533	652,123	131,382	483,981	2,175	2,175,194
49	Administrative and General	1,002,000	17,132	16,316	4,078	11,423	1,086	1,052,035
51	Director of Electric and Gas Systems	10,000	323,933	-	-	-	-	333,933
52	Power Generation	-	-	-	-	-	-	-
53	Electric Purchases for Resale	-	46,000,000	-	-	-	-	46,000,000
54	Electric Transmission and Distribution	235,000	8,373,132	-	-	-	-	8,608,132
55	Electric Operations	-	2,082,603	-	-	-	-	2,082,603
56	Electric and Gas Engineering	-	1,452,596	-	-	-	-	1,452,596
59	Administrative and General	-	7,457,932	-	-	-	-	7,457,932
61	Director of W/WW Systems	-	-	133,096	-	88,730	-	221,826
62	Water Resources	-	-	7,239,997	-	-	-	7,239,997
64	Water Distribution	79,000	-	5,509,839	-	-	-	5,588,839
66	W/WW Engineering	140,000	-	694,163	-	462,775	-	1,296,938
69	Administrative and General	-	-	2,340,577	-	-	-	2,340,577
74	Gas Operations	26,000	-	-	1,970,192	-	-	1,996,192
75	Gas Purchases for Resale	-	-	-	1,900,000	-	-	1,900,000
79	Administrative and General	-	-	-	466,101	-	-	466,101
82	Water Reclamation	3,000	-	-	-	3,627,676	-	3,630,676
84	Wastewater Collection	77,000	-	-	-	4,793,640	-	4,870,640
89	Administrative and General	-	-	-	-	1,464,079	-	1,464,079
93	FPUAnet Communications	3,000	-	-	-	-	624,933	627,933
95	FPUAnet Purchases for Resale	-	-	-	-	-	160,000	160,000
99	Administrative and General	-	-	-	-	-	31,173	31,173
TOTALS		\$2,103,000	\$ 69,636,494	\$ 19,037,157	\$ 5,078,959	\$ 12,665,866	\$ 3,646,283	\$ 112,167,759

MANATEE OBSERVATION & EDUCATION CENTER

DEPARTMENTAL GOALS AND OBJECTIVES

- 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

- Partnered with TCMF to host 11th Annual 5K, the largest single joint fundraiser each year
- Through a highly-publicized fundraising campaign, raised funds and installed a full-sized generator at the Manatee Center to protect the facility during power outages
- Facilitated TCMF designation as 2018 Top-Rated Nonprofit through Greatnonprofits.org
- Awarded 2018 TripAdvisor Certificate of Excellence based on consistently great reviews earned
- Partnered with the Ocean Research and Conservation Association (ORCA) to install a Kilroy real-time water quality testing device in Moore's Creek alongside the Manatee Center
- Established a Partner Exhibit Area in the Manatee Center wherein partner organizations are featured for four month rotations, including Florida Oceanographic, ORCA, and the Fort Pierce Inlet State Park

PERFORMANCE MEASURES

Workload	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lunch-n-learn lecture attendees	310	301	315	381	375	350	365
Educ. program participants (students & campers)	4,500	4,205	4,100	5,831	4,500	4,500	4,700
Individuals engaged**	40,000	41,351	40,500	46,537	46,000	50,000	52,000
Volunteer hours	12,550	10,639	13,000	11,618	11,500	12,500	12,000
Manatees spotted	*	308	*	382	*	275	*

Effectiveness	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Grant revenue	\$15,000	\$5,000	\$15,000	\$9,580	\$10,000	\$10,000	\$10,000
% +/- # of individuals engaged** over previous year	1.3%	5.3%	1.3%	12.5%	13.6%	7.4%	13.0%

*No Goal –Actual count observed during operating hours

**Individuals Engaged represents the sum of: Visitors to the MOEC exhibit hall, Education Program Participants (on-site and off-site), Boat Tour Patrons, and Visitors Engaged at Offsite Partner Events where MOEC participates. This was formerly reported as "Visitors" and the term is changed to better-represent the comprehensive value and to mirror language in grants received.

DEPT. 01 - MANATEE OBSERVATION & EDUCATION CENTER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 166,845	\$ 162,749	\$ 180,969	\$ 184,737
1020	Overtime	1,480	225	700	700
	<i>Personnel Services Total</i>	<u>168,325</u>	<u>162,974</u>	<u>181,669</u>	<u>185,437</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	39,958	43,643	32,900	32,600
4060	FICA	12,726	12,236	13,898	14,186
4070	Employees' Insurance	32,524	41,162	48,000	49,000
4090	Vacation Pay Expense	145	854	-	-
4100	Sick Pay Expense	1,179	(5,541)	-	-
4110	Net OPEB Expense	354	1,803	(180)	(178)
4600	Workers' Compensation	506	294	564	603
	<i>Employee Benefits Total</i>	<u>87,392</u>	<u>94,451</u>	<u>95,182</u>	<u>96,211</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	8,309	10,016	10,100	10,500
2131	Maintenance Of Buildings	3,269	2,311	2,500	2,500
2133	Maintenance Of Equipment	336	1,099	700	700
2139	Maintenance/Service Contracts	23,189	23,200	23,500	89,200
2140	Postage	410	265	500	500
2151	Printing	333	1,677	1,800	1,800
2166	Professional Fees - Other	-	210	400	400
2170	Training	25	75	1,000	500
2172	Car Allowance	3,575	3,575	3,300	3,300
2190	Communications	3,073	2,463	3,200	3,300
2200	Utilities	8,761	8,646	8,500	8,500
2230	Employee/Volunteer Relations	4,489	4,347	4,550	4,550
2260	Memberships - Professional	545	525	545	545
2262	Memberships - Civic	-	75	350	350
	<i>Contractual Services Total</i>	<u>56,314</u>	<u>58,484</u>	<u>60,945</u>	<u>126,645</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,751	1,093	2,400	2,400
3316	Operating Supplies	44,572	50,542	58,000	58,500
3331	Vehicle Supplies	153	191	300	300
	<i>Commodities Total</i>	<u>47,476</u>	<u>51,826</u>	<u>60,700</u>	<u>61,200</u>
<u>FIXED & SUNDRY</u>					
4010	Cost of Goods Sold	64,294	68,328	75,000	76,000
4015	Sales Discount	8,844	6,738	10,000	11,000
4020	Cash (Over) Short	188	(338)	150	150
4520	Licenses & Permits	29	50	50	50
4610	Property & Liab./Ins. & Uninsur.	3,576	3,653	4,001	4,229
4666	Inventory Adjustments	2,044	1,181	3,000	3,000
5730	Bank Charges	5,990	9,072	6,000	6,000
	<i>Fixed & Sundry Total</i>	<u>84,965</u>	<u>88,684</u>	<u>98,201</u>	<u>100,429</u>
<u>MISCELLANEOUS</u>					
9000	Distribution To City Of Fort Pierce	2,973	207	-	-
9030	Depreciation Expense	5,784	7,941	11,050	11,063
	<i>Miscellaneous Total</i>	<u>8,757</u>	<u>8,148</u>	<u>11,050</u>	<u>11,063</u>
	Total	<u>\$ 453,229</u>	<u>\$ 464,567</u>	<u>\$ 507,747</u>	<u>\$ 580,985</u>

TREASURE COAST ENERGY CENTER

DEPARTMENTAL GOALS AND OBJECTIVES

- Safely 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 eleven (11) 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 11 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 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Megawatt Hours	2,100,000	1,868,739	2,100,000	1,953,489	1,638,094	1,819,402	2,000,000
Period Hours	8,760	8,760	8,760	8,760	8,760	8,760	8,784
Service Hours	8,000	8,094	8,000	8,415	7,400	8,200	8,000
Forced Outage Hours	≤ 100	136	≤ 100	54.7	80	50	50

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal ₁	Actual	Goal ₁	Projected	Goal ₁
Equivalent Availability Factor (EAF)	92.0%	92.6%	92.0%	96.1%	90.0%	90.0%	N/A ₁
Forced Outage Factor (FOF)	≤0.50%	1.55%	≤0.50%	0.62%	≤1.00%	0.57%	≤1.00%
Capacity Factor	*	73.5%	*	74.3%	*	74.8%	*
Safety Frequency Rate (CY)	≤5.0	7.45	≤5.0	0.00	≤5.0	15.36	≤5.0
Safety DART Rate (CY)	≤50	29.81	≤50	1418.31	≤50	0	≤50

* Megawatt Hours, Capacity Factor, and Service Hours are system demand controlled metrics. 1 TCEC EAF and FOF Goals are "Stretch Goals", FY2018 System EAF Goal was 88%, System FOF Goal was 2%, FY2019 System EAF Goal is 88%, System FOF Goal is 2%, FY2020 System EAF Goal is not yet developed, System FOF Goal is 2%.

DEPT. 02 - TREASURE COAST ENERGY CENTER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 939,698	\$ 996,064	\$ 1,130,280	\$ 1,315,387
1020	Overtime	231,712	224,777	295,000	250,000
	<i>Personnel Services Total</i>	<u>1,171,410</u>	<u>1,220,841</u>	<u>1,425,280</u>	<u>1,565,387</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	339,059	289,363	238,992	256,557
4060	FICA	83,850	87,959	109,034	119,752
4070	Employees' Insurance	160,700	184,970	188,000	192,000
4090	Vacation Pay Expense	4,235	(13,268)	-	-
4100	Sick Pay Expense	4,425	(1,206)	-	-
4110	Net OPEB Expense	1,532	7,803	(673)	(666)
4600	Workers' Compensation	12,580	36,222	14,568	15,357
4640	Unemployment Claims	-	3,300	-	-
	<i>Employee Benefits Total</i>	<u>606,381</u>	<u>595,143</u>	<u>549,921</u>	<u>583,000</u>
<u>CONTRACTUAL SERVICES</u>					
2139	Maintenance/Service Contracts	3,924	-	-	-
2170	Training	-	-	750	750
2172	Car Allowance	10,320	10,320	10,320	10,320
	<i>Contractual Services Total</i>	<u>14,244</u>	<u>10,320</u>	<u>11,070</u>	<u>11,070</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	1,023	1,128	1,530	1,050
	<i>Commodities Total</i>	<u>1,023</u>	<u>1,128</u>	<u>1,530</u>	<u>1,050</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	500	500	500	500
	<i>Fixed & Sundry Total</i>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>
Total		<u>\$ 1,793,558</u>	<u>\$ 1,827,932</u>	<u>\$ 1,988,301</u>	<u>\$ 2,161,007</u>

BOARD

DEPARTMENTAL GOALS AND OBJECTIVES

- 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

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Board meetings	20	15	20	20	22	20	20
Agenda items reviewed	200	216	250	244	260	250	250
Workshops-Budget, Rates, Employee Benefits, Compensation, and Strategic Planning	2	3	3	4	2	5	5
Training sessions attended	2	2	2	2	2	2	2

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	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 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
	<u>PERSONNEL SERVICES</u>				
1010	Salaries & Wages	\$ 18,005	\$ 18,005	\$ 18,103	\$ 18,145
	<i>Personnel Services Total</i>	18,005	18,005	18,103	18,145
	<u>EMPLOYEE BENEFITS</u>				
4060	FICA	1,718	1,658	1,385	1,388
4070	Employees' Insurance	50,053	61,914	60,000	61,000
4600	Workers' Compensation	301	296	384	411
4610	Property & Liab./Ins. & Uninsur.	120	120	168	176
	<i>Employee Benefits Total</i>	52,192	63,988	61,937	62,975
	<u>CONTRACTUAL SERVICES</u>				
2151	Printing	-	-	20	20
2166	Professional Fees - Other	4,350	-	8,079	-
2170	Training	3,022	12,103	16,000	15,360
2171	Travel	6,765	4,399	6,000	4,608
2172	Car Allowance	12,000	12,000	9,600	9,600
2240	Business Relations	-	528	520	544
2262	Memberships - Civic	1,303	1,318	1,395	1,466
	<i>Contractual Services Total</i>	27,440	30,348	41,614	31,598
	<u>COMMODITIES</u>				
3311	Office Supplies	120	-	55	55
	<i>Commodities Total</i>	120	-	55	55
Total		\$ 97,757	\$ 112,341	\$ 121,709	\$ 112,773

DIRECTOR OF UTILITIES

DEPARTMENTAL GOALS AND OBJECTIVES

- 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

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Director/direct report meetings	40	31	35	45	45	50	50
Exempt staff meetings	5	1	2	5	4	5	5
Meetings with Mayor, Commissioners, or City Commission Meetings	20	30	30	10	20	20	20
Meetings with City staff	20	4	10	5	15	16	15
FMPA meetings	11	13	15	16	12	14	15
Coffee with the Mayor and Breakfast Club Meetings	12	12	15	14	15	17	17
Utility planning meetings with St. Lucie County, City of Port St. Lucie, and Economic Development Council	20	16	15	15	25	20	25

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	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 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 248,633	\$ 237,831	\$ 224,008	\$ 227,728
	<i>Personnel Services Total</i>	<u>248,633</u>	<u>237,831</u>	<u>224,008</u>	<u>227,728</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	67,751	59,640	40,568	40,035
4060	FICA	16,856	16,071	17,137	17,421
4070	Employees' Insurance	31,145	29,497	29,000	29,000
4080	Employee Suggestions & Awards	-	-	1,061	1,024
4090	Vacation Pay Expense	17,242	550	-	-
4100	Sick Pay Expense	67,497	2,363	-	-
4110	Net OPEB Expense	236	1,202	(90)	(89)
4600	Workers' Compensation	312	351	468	501
	<i>Employee Benefits Total</i>	<u>201,039</u>	<u>109,674</u>	<u>88,144</u>	<u>87,892</u>
<u>CONTRACTUAL SERVICES</u>					
2139	Maintenance/Service Contracts	1,199	1,821	1,200	1,350
2140	Postage	75	43	40	40
2151	Printing	20	-	20	205
2164	Profess. Fees - Consulting/Eng.	11,368	-	2,500	2,500
2170	Training	2,528	5,114	4,000	4,000
2171	Travel	3,902	2,730	5,000	6,300
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	776	67	500	500
2230	Employee Relations	9,059	8,299	9,400	9,400
2240	Business Relations	583	730	1,500	1,500
2250	Community Relations	26	23	-	-
2260	Memberships - Professional	199	105	1,000	1,141
2262	Memberships - Civic	-	-	1,000	1,536
	<i>Contractual Services Total</i>	<u>34,895</u>	<u>24,092</u>	<u>31,320</u>	<u>33,632</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,502	1,239	1,500	2,717
3313	Subscriptions	-	57	148	152
	<i>Commodities Total</i>	<u>1,502</u>	<u>1,296</u>	<u>1,648</u>	<u>2,869</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	-	500	512
4610	Property & Liab./Ins. & Uninsur.	1,745	1,799	2,280	2,413
	<i>Fixed & Sundry Total</i>	<u>1,745</u>	<u>1,799</u>	<u>2,780</u>	<u>2,925</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,415	1,415	500	-
	<i>Miscellaneous Total</i>	<u>1,415</u>	<u>1,415</u>	<u>500</u>	<u>-</u>
	Total	<u>\$ 489,229</u>	<u>\$ 376,107</u>	<u>\$ 348,400</u>	<u>\$ 355,046</u>

ATTORNEY

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Board Meetings	20	15	20	20	20	20	20
Special topic meetings	10	6	10	3	10	2	5
Workshops	3	3	3	1	3	1	1
Attorney meetings	20	15	20	20	20	20	20
Resolutions reviewed	10	8	10	16	10	3	3
Contracts/agreements	150	130	150	138	140	140	150

DEPT. 12 - ATTORNEY

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 100,248	\$ 104,715	\$ 107,328	\$ 112,480
	<i>Personnel Services Total</i>	<u>100,248</u>	<u>104,715</u>	<u>107,328</u>	<u>112,480</u>
<u>EMPLOYEE BENEFITS</u>					
4070	Employees' Insurance	14,529	16,420	18,000	18,000
4600	Workers' Compensation	109	99	132	141
	<i>Employee Benefits Total</i>	<u>14,638</u>	<u>16,519</u>	<u>18,132</u>	<u>18,141</u>
<u>CONTRACTUAL SERVICES</u>					
2166	Professional Fees - Other	29,691	9,396	13,000	15,000
2170	Training	-	795	100	2,717
2171	Travel	-	-	208	217
	<i>Contractual Services Total</i>	<u>29,691</u>	<u>10,191</u>	<u>13,308</u>	<u>17,934</u>
<u>COMMODITIES</u>					
3311	Office Supplies	24	-	-	-
	<i>Commodities Total</i>	<u>24</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total		<u>\$ 144,601</u>	<u>\$ 131,425</u>	<u>\$ 138,768</u>	<u>\$ 148,555</u>

HUMAN RESOURCES

DEPARTMENTAL GOALS AND OBJECTIVES

- 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

- Achieved “Best Places to Work” award
- Successful implementation of new badging system for organizational security
- Successful implementation of Incentive Compensation program
- Completion of compensation study to ensure competitive position within market
- Renewal of self-insured medical plan with maintenance of grandfathered status
- Successfully hired for difficult to fill positions in areas such as Engineering
- Represented FPUA in school outreach activities to educate 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 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Job applications processed	2,000	1,841	2,000	2,098	2,000	2,000	2,000
Personnel action forms processed	250	196	250	252	250	200	200
Positions advertised/posted	95	50	95	62	50	50	50
Employees enrolled in Education Assistance Program	9	10	12	16	14	16	18

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Vacancy Rate	4.0%	3.9%	5.0%	3.7%	5.0%	4.0%	4.0%
Turnover Rate*	*	10.6%	5.0%	9.0%	5.0%	10.0%	10.0%
% of new hires successfully completing probationary period	99%	99.3%	99%	99%	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	56%	61%	55%	46%	60%	50%	50%

*Not previously tracked

DEPT. 15 - HUMAN RESOURCES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 179,143	\$ 189,798	\$ 199,522	\$ 205,678
1020	Overtime	39	113	100	100
	<i>Personnel Services Total</i>	<u>179,182</u>	<u>189,911</u>	<u>199,622</u>	<u>205,778</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	57,131	54,452	25,586	25,840
4060	FICA	12,967	13,597	15,271	15,742
4070	Employees' Insurance	42,998	55,790	60,000	61,000
4080	Employee Suggestions & Awards	9,931	8,119	11,965	12,497
4090	Vacation Pay Expense	2,465	(515)	-	-
4100	Sick Pay Expense	5,471	(5,210)	-	-
4110	Net OPEB Expense	354	1,803	(135)	(133)
4600	Workers' Compensation	180	178	228	244
	<i>Employee Benefits Total</i>	<u>131,497</u>	<u>128,214</u>	<u>112,915</u>	<u>115,190</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	3,094	735	2,500	3,000
2139	Maintenance/Service Contracts	1,361	1,338	15,674	16,000
2140	Postage	32	94	200	150
2151	Printing	-	60	200	200
2164	Profess. Fees - Consulting/Eng.	18,869	2,000	25,000	20,000
2166	Professional Fees - Other	24,821	26,382	10,200	30,200
2170	Training	11,304	4,697	30,000	40,000
2171	Travel	24	207	106	100
2172	Car Allowance	3,300	3,300	3,300	3,300
2190	Communications	1,016	900	800	900
2230	Employee Relations	942	1,136	2,653	2,000
2260	Memberships - Professional	807	589	1,000	1,000
	<i>Contractual Services Total</i>	<u>65,570</u>	<u>41,438</u>	<u>91,633</u>	<u>116,850</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,975	4,723	5,000	6,000
3313	Subscriptions	1,773	2,535	2,122	2,000
	<i>Commodities Total</i>	<u>3,748</u>	<u>7,258</u>	<u>7,122</u>	<u>8,000</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	1,918	1,949	2,472	2,640
	<i>Fixed & Sundry Total</i>	<u>1,918</u>	<u>1,949</u>	<u>2,472</u>	<u>2,640</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,415	1,415	2,011	2,014
	<i>Miscellaneous Total</i>	<u>1,415</u>	<u>1,415</u>	<u>2,011</u>	<u>2,014</u>
	Total	<u>\$ 383,330</u>	<u>\$ 370,185</u>	<u>\$ 415,775</u>	<u>\$ 450,472</u>

SAFETY

DEPARTMENTAL GOALS AND OBJECTIVES

- 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

- Ensured Permit Required Confined Space, Respiratory Protection, First Aid/CPR/AED, Dog-Bite Prevention and many other vital training programs were presented in addition to assisting all departments with monthly safety training topics
- Launched use of Powered Air Purifying Respirator program in response to respiratory protection needs across all FPUA field operations
- Oversaw 45 quarterly safety checks of FPUA buildings, and performed 42 Jobsite safety checks
- Supported and promoted FPUA Safety Committee's *Get Out And Look* (G.O.A.L) Program which has prevented numerous vehicle incidents
- Ensured FDOT Maintenance of Traffic classes were provided as needed by all field crews

PERFORMANCE MEASURES

Workload	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Incident Reports (CY)	< 35	43	<33	19*	<28	19	<20
Claims – W/C	< 12	13	<11	8*	<10	9	<10
Building Safety Inspections	50	41	52	44	55	47	55

Effectiveness	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Workers' Comp experience modification factor	1.00	1.00	.95	.88	.95	1.28	<1.0 **
Vehicle Accident Rate***	.09	.14	.05	.07	.08	.07	< .05
FPUA Frequency Rate	≤ 5.0	5.38	≤ 5.0	2.93**	≤ 4.5	4.28	≤ 4.5
FPUA DART Rate	≤ 50	170.84	≤ 50	213.84**	≤ 45	0	≤ 45

*Includes an injury that occurred on 9/24/2017 that significantly contributed to 2018 DART Rate

** A number less than 1.0 reflects a mod factor of better than industry average. Any future year goal is to be less than 1.

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

DEPT. 18 - SAFETY

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 76,525	\$ 84,977	\$ 90,143	\$ 92,657
	<i>Personnel Services Total</i>	<u>76,525</u>	<u>84,977</u>	<u>90,143</u>	<u>92,657</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	21,250	19,575	16,325	16,289
4060	FICA	5,718	6,218	6,896	7,088
4070	Employees' Insurance	21,158	20,328	18,000	19,000
4080	Employee Suggestions & Awards	2,050	580	1,000	1,000
4090	Vacation Pay Expense	1,937	1,906	-	-
4100	Sick Pay Expense	-	2,135	-	-
4110	Net OPEB Expense	118	601	(45)	(44)
4600	Workers' Compensation	433	292	432	462
	<i>Employee Benefits Total</i>	<u>52,664</u>	<u>51,635</u>	<u>42,608</u>	<u>43,795</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	-	109	120	120
2139	Maintenance/Service Contracts	16,413	5,025	8,000	2,500
2140	Postage	89	26	100	100
2151	Printing	986	-	200	750
2166	Professional Fees - Other	2,959	2,246	6,500	6,500
2170	Training	9,736	15,416	25,500	25,500
2171	Travel	-	15	50	50
2190	Communications	809	1,344	1,300	1,400
2230	Employee Relations	796	1,068	2,000	2,000
2260	Memberships - Professional	140	140	200	200
	<i>Contractual Services Total</i>	<u>31,928</u>	<u>25,389</u>	<u>43,970</u>	<u>39,120</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,547	2,225	2,500	2,500
3313	Subscriptions	178	-	3,500	3,500
3316	Operating Supplies	9,830	9,228	65,000	66,000
3331	Vehicle Supplies	579	675	1,350	1,350
	<i>Commodities Total</i>	<u>13,134</u>	<u>12,128</u>	<u>72,350</u>	<u>73,350</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	1,602	1,373	1,608	1,728
	<i>Fixed & Sundry Total</i>	<u>1,602</u>	<u>1,373</u>	<u>1,608</u>	<u>1,728</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	3,052	4,368	5,026	5,035
	<i>Miscellaneous Total</i>	<u>3,052</u>	<u>4,368</u>	<u>5,026</u>	<u>5,035</u>
Total		<u>\$ 178,905</u>	<u>\$ 179,870</u>	<u>\$ 255,705</u>	<u>\$ 255,685</u>

FINANCE

DEPARTMENTAL GOALS AND OBJECTIVES

- Plan, organize and direct the financial, accounting, and rate matters throughout FPUA
- Preparation of financial statements, statistical and regulatory reports, budget documents and coordination of financial forecasts, rate studies, debt issuance and cash management
- Maintain FPUA's accounting records in accordance with generally accepted accounting principles
- Provide for the fair and equitable treatment of all parties involved with formal solicitations issued 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 and efficient practices, procedures, controls, and compliance review

DEPARTMENTAL ACCOMPLISHMENTS

- Awarded GFOA's Distinguished Budget Presentation Award for the Annual Budget
- Presented with GFOA's Certificate of Achievement for Excellence in Financial Reporting for the Comprehensive Annual Financial Report

PERFORMANCE MEASURES

Workload	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Active vendors	2,500	2,634	2,650	2,547	2,700	2,500	2,500
Checks issued/paid	2,750	2,673	2,780	2,797	2,730	2,730	2,700
EFT debits/paid	2,750	2,368	2,500	2,435	2,370	2,520	2,600
Purchase orders issued	1,300	1,281	1,325	1,395	1,340	1,510	1,600
Formal bids completed	20	17	17	29	22	30	30
POA's completed	225	238	230	271	250	300	300

Effectiveness	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of Annual Budget award overall criteria judged to be:							
Proficient	70%	67%	50%	92%	50%	60%	60%
Outstanding	30%	33%	50%	8%	50%	40%	40%
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 & Poor's	A	A	A	A	A	A	A
Debt Service Ratio	3.07x	3.25x	2.93x	3.12x	2.81x	3.26x	2.93x

DEPT. 21 - FINANCE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 601,701	\$ 684,995	\$ 758,108	\$ 902,938
1020	Overtime	1,883	1,269	500	500
	<i>Retirement</i>	603,584	686,264	758,608	903,438
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	191,479	198,891	137,384	158,824
4060	FICA	44,330	50,387	58,034	69,113
4070	Employees' Insurance	150,225	202,758	215,000	219,000
4090	Vacation Pay Expense	13,932	10,487	-	-
4100	Sick Pay Expense	(265)	14,940	-	-
4110	Net OPEB Expense	1,532	7,803	(584)	(622)
4600	Workers' Compensation	781	1,194	1,925	1,053
4640	Unemployment Claims	-	-	10,000	10,000
	<i>Employee Benefits Total</i>	402,014	486,460	421,759	457,368
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	11,375	3,452	4,300	4,300
2139	Maintenance/Service Contracts	862	991	1,200	6,400
2140	Postage	130	57	100	100
2151	Printing	21	80	100	100
2161	Professional Fees - Audit	53,100	40,900	50,600	48,500
2164	Profess. Fees - Consulting/Eng.	2,945	29,061	35,000	51,000
2165	Temporary Labor	9,757	17,823	7,000	-
2166	Professional Fees - Other	20,000	19,670	25,400	47,600
2170	Training	7,144	11,398	12,000	13,000
2171	Travel	92	165	100	100
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	1,679	1,643	1,600	1,700
2230	Employee Relations	-	503	600	1,100
2260	Memberships - Professional	2,155	1,163	1,600	1,600
	<i>Contractual Services Total</i>	114,420	132,066	144,760	180,660
<u>COMMODITIES</u>					
3311	Office Supplies	6,485	6,880	6,900	6,900
3313	Subscriptions	312	408	500	500
	<i>Commodities Total</i>	6,797	7,288	7,400	7,400
<u>FIXED & SUNDRY</u>					
4020	Cash (Over) Short	(615)	(2,534)	-	-
4520	Licenses & Permits	-	100	-	100
4610	Property & Liab./Ins. & Uninsur.	7,773	7,801	9,767	10,351
5730	Bank Charges	310,244	322,101	335,000	338,000
	<i>Fixed & Sundry Total</i>	317,402	327,468	344,767	348,451
	Total	\$ 1,444,217	\$ 1,639,546	\$ 1,677,294	\$ 1,897,317

MATERIALS MANAGEMENT

DEPARTMENTAL GOALS AND OBJECTIVES

- Maintain and control a computerized inventory system, consisting of electric, water, wastewater, natural gas, fiber, janitorial, medical and office supplies
- Auction obsolete equipment and material on an annual basis to minimize overhead cost and maximize warehouse space
- Carefully dispose of hazardous material according to local, state, and federal laws
- Recycle all metals that are removed or retired from all the utilities systems
- Assist 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
- Cross-training facilities and warehouse staff to provide additional manpower during shortage or restoration event
- Recycled over 80,223 lbs. of metal
- Centralized Fleet Services achieved 100 % participation rate for 2018, this will result in a higher vehicle utilization with a longer life expectancy
- Inspect all vehicle when serviced for maintenance or repairs
- All standard utility vehicles purchased through Centralized Fleet Services
- Developed vehicle specifications for roadside safety in compliance with FDOT standards

PERFORMANCE MEASURES:

Workload	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Vehicle safety inspections	152	155	157	160	160	160	160
Stock items issued	10,000	11,418	10,000	10,608	10,000	10,656	9,500
Stock purchase orders	700	734	700	785	750	864	850
Stock items returned	100	605	50	273	100	420	200

Effectiveness	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Centralized Fleet Services work orders	200	390	200	160	200	400	200
Vehicle Procurement Centralized Fleet Services	8	8	10	10	10>	7	9
Inventory Shrinkage	*	.52%	.6%	-.11%	.70%	-.04%	1.00%
Dept. Safety Frequency Rate	0.0	0.0	0.0	0.0	0.0	36.02	0.0
Dept. Safety DART Rate	0	1,417.87	0	0	0	0	0

DEPT. 22 - MATERIALS MANAGEMENT

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 320,560	\$ 339,704	\$ 354,379	\$ 367,705
1020	Overtime	3,925	6,226	6,500	6,500
	<i>Personnel Services Total</i>	<u>324,485</u>	<u>345,930</u>	<u>360,879</u>	<u>374,205</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	96,178	88,809	65,355	65,785
4060	FICA	22,243	22,241	27,607	28,627
4070	Employees' Insurance	81,301	101,274	107,000	110,000
4090	Vacation Pay Expense	4,470	(512)	-	-
4100	Sick Pay Expense	6,502	(8,030)	-	-
4110	Net OPEB Expense	707	3,601	(269)	(266)
4600	Workers' Compensation	4,355	4,375	5,075	5,200
	<i>Employee Benefits Total</i>	<u>215,756</u>	<u>211,758</u>	<u>204,768</u>	<u>209,346</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	418	1,531	2,450	2,450
2132	Maintenance Of Vehicles	7,850	7,071	7,250	7,250
2133	Maintenance Of Equipment	2,219	23,539	2,000	2,000
2139	Maintenance/Service Contracts	4,883	8,781	5,600	8,000
2140	Postage	-	181	150	150
2151	Printing	116	569	1,200	1,200
2170	Training	5,956	3,280	3,000	5,000
2171	Travel	-	10	100	100
2190	Communications	3,572	3,939	4,800	5,000
2200	Utilities	24,500	27,358	30,600	30,600
2230	Employee Relations	111	224	250	250
2260	Memberships - Professional	30	83	300	300
	<i>Contractual Services Total</i>	<u>49,655</u>	<u>76,566</u>	<u>57,700</u>	<u>62,300</u>
<u>COMMODITIES</u>					
3311	Office Supplies	3,143	1,136	2,000	2,000
3313	Subscriptions	-	-	1,300	1,300
3316	Operating Supplies	7,994	5,193	19,000	19,000
3331	Vehicle Supplies	29,762	17,561	18,000	18,000
3340	Small Tools	1,035	4,002	2,000	2,000
	<i>Commodities Total</i>	<u>41,934</u>	<u>27,892</u>	<u>42,300</u>	<u>42,300</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	313	50	400	400
4610	Property & Liab./Ins. & Uninsur.	28,335	27,070	34,618	38,054
4666	Inventory Adjustments	20,999	(4,602)	25,000	1,024
	<i>Fixed & Sundry Total</i>	<u>49,647</u>	<u>22,518</u>	<u>60,018</u>	<u>39,478</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	24,578	23,386	24,123	24,164
	<i>Miscellaneous Total</i>	<u>24,578</u>	<u>23,386</u>	<u>24,123</u>	<u>24,164</u>
Total		<u>\$ 706,055</u>	<u>\$ 708,050</u>	<u>\$ 749,788</u>	<u>\$ 751,793</u>

DIRECTOR OF UTILITY SUPPORT SERVICES

DEPARTMENTAL GOALS AND OBJECTIVES

- Provide planning and direction for the following departments:
 - ◆ Manatee Observation and Education Center – Department 01
 - ◆ Safety – Department 18
 - ◆ Materials Management – Department 22
 - ◆ Business Development – Department 31
 - ◆ Information Technology Services – Department 32
 - ◆ Facilities – Department 35
 - ◆ Community Relations – Department 41
 - ◆ Customer Service – Department 43
 - ◆ FPUAnet® Communications – Department 93



DEPT. 31 - DIRECTOR OF UTILITY SUPPORT SERVICES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 105,786	\$ 93,262	\$ 177,674	\$ 182,679
	<i>Personnel Services Total</i>	<u>105,786</u>	<u>93,262</u>	<u>177,674</u>	<u>182,679</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	31,408	27,008	32,177	32,115
4060	FICA	8,052	7,039	13,592	13,975
4070	Employees' Insurance	13,377	20,062	40,000	41,000
4090	Vacation Pay Expense	(15,165)	5,058	-	-
4100	Sick Pay Expense	(13,348)	807	-	-
4110	Net OPEB Expense	118	601	(90)	(89)
4600	Workers' Compensation	60	59	144	154
4640	Unemployment Claims	1,650	937	-	-
	<i>Employee Benefits Total</i>	<u>26,152</u>	<u>61,571</u>	<u>85,823</u>	<u>87,155</u>
<u>CONTRACTUAL SERVICES</u>					
2151	Printing	-	40	200	200
2164	Profess. Fees - Consulting/Eng.	-	-	5,000	5,000
2170	Training	20	92	3,200	3,200
2171	Travel	-	1,040	-	-
2172	Car Allowance	3,870	3,835	9,235	10,320
2190	Communications	776	582	500	500
2230	Employee Relations	-	90	240	240
2240	Business Relations	-	116	150	250
2260	Memberships - Professional	199	347	1,365	1,365
2262	Memberships - Civic	-	-	17,500	27,500
	<i>Contractual Services Total</i>	<u>4,865</u>	<u>6,142</u>	<u>37,390</u>	<u>48,575</u>
<u>COMMODITIES</u>					
3311	Office Supplies	72	1,972	5,700	700
3313	Subscriptions	-	-	120	120
	<i>Commodities Total</i>	<u>72</u>	<u>1,972</u>	<u>5,820</u>	<u>820</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	-	99	-
4610	Property & Liab./Ins. & Uninsur.	899	1,650	1,776	1,875
	<i>Fixed & Sundry Total</i>	<u>899</u>	<u>1,650</u>	<u>1,875</u>	<u>1,875</u>
Total		<u>\$ 137,774</u>	<u>\$ 164,597</u>	<u>\$ 308,582</u>	<u>\$ 321,104</u>

INFORMATION TECHNOLOGY SERVICES

DEPARTMENTAL GOALS AND OBJECTIVES

- 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
- Network Group: 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)
- Systems Group: 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

- Raised Active Directory functional level from 2003 to 2008 to eliminate vulnerabilities and increase security
- Implemented Cisco Emergency Responder 911 Location System
- Implementation of Veeam backup with a new PowerVault TL400 to improve backup efficiency and reliability
- Implemented Barcode and Scanning System for Materials Management to increase efficiency and accuracy
- Replaced the DotNet Nuke Intranet with Microsoft SharePoint
- Upgrade Call Manager System and CheckPoint System for better reliability and increased security

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Workstations supported	355	310	355	360	315	373	375
VoIP phones supported	285	300	285	263	320	265	265
Cell phones supported	101	99	101	100	105	101	105
Radios supported	239	203	220	219	221	220	220
Servers supported	90	92	96	94	95	95	95
Work orders completed*	4,000	3,538	4,000	3,858	3,800	4,200	4,000
Public records request	30	56	30	70	50	75	50
Records disposition volume							
Electronic Records	.05 GB	27.05 GB	10 GB	76.21 GB	70 GB	70 GB	70 GB
Paper Records	100 cf	561.5 cf	100 cf	272.15 cf	200 cf	300 cf	200 cf

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Annual customer survey ¹	97%	N/A	97%	N/A	97%	97%	97%
System Availability:							
AVL	100%	100%	100%	100%	100%	98%	100%
Camera	99.0%	100%	99.0%	100%	99.9%	99.9%	99.9%
CBS Applications ²	99.9%	100%	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	99.7%	99.7%	99.7%	99.9%	99.7%	99.7%	99.7%
Telephones ³	99.9%	99.9%	99.9%	100%	99.9%	99.7%	99.9%
Radio ⁴	99.9%	100%	99.9%	100%	99.9%	100%	99.9%
VPN ³	100%	100%	100%	100%	100%	100%	100%

*Formerly reported as "Non-project work orders completed". 1. Surveys were not performed. 2. Supported by virtualization across multiple servers. 3. Supported by redundant paths, equipment, and uninterruptible power supply (UPS). 4. Supported by redundant equipment, UPS, and generator.

DEPT. 32 - INFORMATION TECHNOLOGY SERVICES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 826,985	\$ 926,319	\$ 1,072,864	\$ 1,086,763
1020	Overtime	4,517	5,914	6,000	6,000
	<i>Personnel Services Total</i>	<u>831,502</u>	<u>932,233</u>	<u>1,078,864</u>	<u>1,092,763</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	255,525	256,409	186,460	192,108
4060	FICA	62,589	68,800	82,533	83,596
4070	Employees' Insurance	215,083	263,293	278,000	283,000
4090	Vacation Pay Expense	3,056	9,487	-	-
4100	Sick Pay Expense	1,524	1,257	-	-
4110	Net OPEB Expense	2,004	10,207	(763)	(755)
4600	Workers' Compensation	1,649	969	1,296	1,310
4640	Unemployment Claims	3,025	-	-	-
	<i>Employee Benefits Total</i>	<u>544,455</u>	<u>610,422</u>	<u>547,526</u>	<u>559,259</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	2,923	1,148	3,680	2,000
2133	Maintenance Of Equipment	-	1,805	3,000	3,000
2139	Maintenance/Service Contracts	498,368	493,652	626,931	668,753
2140	Postage	45	47	500	500
2151	Printing	167	88	111	60
2166	Professional Fees - Other	10,032	6,268	10,000	10,000
2170	Training	36,679	29,103	48,875	58,625
2171	Travel	559	663	600	600
2172	Car Allowance	8,635	9,048	9,900	9,900
2190	Communications	15,110	14,386	15,900	16,700
2230	Employee Relations	700	610	1,690	1,190
2260	Memberships - Professional	443	1,640	1,750	1,750
	<i>Contractual Services Total</i>	<u>573,661</u>	<u>558,458</u>	<u>722,937</u>	<u>773,078</u>
<u>COMMODITIES</u>					
3311	Office Supplies	4,475	2,503	2,300	2,300
3313	Subscriptions	3,105	11,099	3,500	3,500
3316	Operating Supplies	280,005	451,795	348,788	369,507
3331	Vehicle Supplies	1,361	1,767	1,400	1,400
3340	Small Tools	337	745	750	750
	<i>Commodities Total</i>	<u>289,283</u>	<u>467,909</u>	<u>356,738</u>	<u>377,457</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	10,716	11,781	25,202	25,970
	<i>Fixed & Sundry Total</i>	<u>10,716</u>	<u>11,781</u>	<u>25,202</u>	<u>25,970</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	219,404	161,331	159,811	198,342
	<i>Miscellaneous Total</i>	<u>219,404</u>	<u>161,331</u>	<u>159,811</u>	<u>198,342</u>
Total		<u>\$ 2,469,021</u>	<u>\$ 2,742,134</u>	<u>\$ 2,891,078</u>	<u>\$ 3,026,869</u>

FACILITIES

DEPARTMENTAL GOALS AND OBJECTIVES

- 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

- Continuously manage energy conservation measures as an intricate part of space allocation and reconfiguration
- Replace/Repair existing lighting with more energy efficient technology throughout all facilities Todd Center completed in 2019
- Replaced end of life HVAC Systems at multiple sights with more energy efficient units
- Replaced two 23-ton air handlers at the Energy Services Center 1st floor

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Facilities work requests	250	453	225	533	300	450	350
Customer work requests	200	323	175	290	250	275	275
Homes participating in the weatherization program (WEOP)	25	19	30	23	30	30	35
Obsolete HVAC systems replaced	4	5	4	8	4	5	5

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Cycle time (days to complete work requests)	4.5	11.8	4.5	11.0	4.0	9.0	8.0
Average age of active work orders (days)	4.0	6.0	3.5	7.5	4.0	5.0	4.0
Facilities Operating GSF Index	17.5%	15.8%	17.5%	11.0%	14.0%	12.0%	11.0%
Facilities Operating GUE Index	24.0%	20.0%	22.0%	15.0%	18.0%	15.0%	15.0%

DEPT. 35 - FACILITIES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 244,489	\$ 233,830	\$ 237,790	\$ 248,801
1020	Overtime	5,611	4,676	7,500	7,500
	<i>Personnel Services Total</i>	<u>250,100</u>	<u>238,506</u>	<u>245,290</u>	<u>256,301</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	70,827	78,807	44,422	45,058
4060	FICA	22,262	21,282	18,765	19,607
4070	Employees' Insurance	50,300	59,534	60,000	61,000
4090	Vacation Pay Expense	(4,093)	7,191	-	-
4100	Sick Pay Expense	4,586	4,587	-	-
4110	Net OPEB Expense	589	3,000	(224)	(222)
4600	Workers' Compensation	3,931	3,513	3,900	4,173
	<i>Employee Benefits Total</i>	<u>148,402</u>	<u>177,914</u>	<u>126,863</u>	<u>129,616</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	8,914	2,407	2,500	2,700
2131	Maintenance Of Buildings	28,495	23,389	54,000	58,000
2132	Maintenance Of Vehicles	642	1,799	2,000	2,100
2139	Maintenance/Service Contracts	106,427	159,094	132,000	135,000
2140	Postage	2,962	5,127	7,500	7,500
2151	Printing	100	40	120	120
2166	Professional Fees - Other	800	-	25,000	50,000
2170	Training	3,682	993	4,000	4,000
2171	Travel	1,482	1,258	200	200
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	4,566	4,032	3,300	3,400
2200	Utilities	83,649	78,364	75,100	75,100
2230	Employee Relations	333	13	300	300
2250	Community Relations	52,821	91,758	100,000	125,000
2260	Memberships - Professional	446	452	500	500
	<i>Contractual Services Total</i>	<u>300,479</u>	<u>373,886</u>	<u>411,680</u>	<u>469,080</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,263	2,881	2,500	2,500
3316	Operating Supplies	23,644	18,535	6,500	6,500
3331	Vehicle Supplies	3,190	7,285	5,500	5,500
3340	Small Tools	616	718	1,250	1,250
	<i>Commodities Total</i>	<u>29,713</u>	<u>29,419</u>	<u>15,750</u>	<u>15,750</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	150	150	200	200
4610	Property & Liab./Ins. & Uninsur.	3,617	3,953	3,924	4,157
	<i>Fixed & Sundry Total</i>	<u>3,767</u>	<u>4,103</u>	<u>4,124</u>	<u>4,357</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	20,782	17,723	11,057	17,016
	<i>Miscellaneous Total</i>	<u>20,782</u>	<u>17,723</u>	<u>11,057</u>	<u>17,016</u>
Total		<u>\$ 753,243</u>	<u>\$ 841,551</u>	<u>\$ 814,764</u>	<u>\$ 892,120</u>

COMMUNITY RELATIONS

DEPARTMENTAL GOALS AND OBJECTIVES

- 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, internal, external, advertising and social media communication duties

DEPARTMENTAL ACCOMPLISHMENTS

- Instrumental in the development of a new company logo
- Increased community outreach efforts to promote utility conservation utilizing conservation booklets, Conservation Kits and LED light bulbs
- Enhanced communication with employees and customers
- Increased Facebook followers by 153%
- Participated in community beautification initiatives such as Utility Box paintings, Peacock Arts District and Great American Cleanup
- Facilitated Company Appreciation Picnic for employees and their families

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Press releases	*	*	*	21	30	30	32
Customer newsletters	*	*	*	1	2	1	2
Ad placements	*	*	32	34	40	43	45
Community Outreach	25	35	35	43	36	46	48
Social media postings	*	*	75	78	220	230	250
FPUA sponsored events (attended)	*	*	3	7	6	10	12

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of employee participation in volunteer incentive program	11%	11%	12%	12%	15%	15%	16%
Lbs. food donated through employee food drives	1,300	1,017	1,300	3,205	2,500	3,900	4,200
% of employees contributing to United Way through payroll deduction	30%	32%	33%	32%	32%	32%	33%

*Community Relations combined with another department-no information available

DEPT. 41 - COMMUNITY RELATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ -	\$ 65,280	\$ 69,743	\$ 73,318
	<i>Personnel Services Total</i>	-	65,280	69,743	73,318
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	-	18,898	12,630	12,889
4060	FICA	-	4,834	5,335	5,609
4070	Employees' Insurance	-	17,731	18,000	19,000
4090	Vacation Pay Expense	-	526	-	-
4100	Sick Pay Expense	-	4,821	-	-
4110	Net OPEB Expense	-	-	(45)	(44)
4600	Workers' Compensation	-	59	72	77
	<i>Employee Benefits Total</i>	-	46,869	35,992	37,531
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	-	8,735	10,570	11,020
2139	Maintenance/Service Contracts	-	-	-	7,500
2151	Printing	-	16,022	23,074	23,074
2166	Professional Fees - Other	-	-	800	800
2170	Training	-	308	2,300	2,300
2172	Car Allowance	-	3,025	4,075	5,160
2190	Communications	-	968	1,000	1,000
2230	Employee Relations	-	14,290	16,420	8,920
2240	Business Relations	-	924	1,100	1,100
2250	Community Relations	-	21,190	25,000	25,000
2260	Memberships - Professional	-	-	300	265
2262	Memberships - Civic	-	845	900	900
	<i>Contractual Services Total</i>	-	66,307	85,539	87,039
<u>COMMODITIES</u>					
3311	Office Supplies	-	1,540	2,000	2,000
3313	Subscriptions	-	-	120	120
3316	Operating Supplies	-	4,861	12,500	12,500
	<i>Commodities Total</i>	-	6,401	14,620	14,620
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	-	563	780	829
	<i>Fixed & Sundry Total</i>	-	563	780	829
Total		\$ -	\$ 185,420	\$ 206,674	\$ 213,337

CUSTOMER SERVICE

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 E-Billing by 61%
- Decreased Lobby and Drive Thru traffic by 5%
- Text to Pay transactions increased by 35%
- Worked with ITS to implement address lookup on Kiosk which allows customers to find their account more efficiently
- Audited Bonds and Certificates of Deposits for Commercial Accounts and implemented an efficient and secure procedure for renewals for deposit

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. bills generated monthly	32,000	33,831	30,000	33,923	33,800	34,000	34,250
E-Billing*	24,000	27,572	27,600	44,402	48,000	52,800	55,000
Auto Pay*	60,000	57,055	63,600	57,242	63,600	62,800	65,000
Budget Billing*	1,800	1,448	1,920	1,411	2,400	3,024	3,200
Text to Pay*	4,680	1,239	4,800	1,657	2,000	1,800	2,000
On-Line Payment*	100,000	182,346	175,000	136,603	210,000	144,000	150,000
Lobby Walk In	52,000	52,860	49,913	50,562	53,000	52,000	51,000
IVR Calls In and Out**	**	**	**	266,997	270,000	243,900	270,000
Call center calls	84,000	59,321	81,000	62,533	62,500	61,000	62,500
Drive Thru	37,000	41,274	39,430	41,130	41,000	40,300	41,000
Full service Kiosks	1	1	1	1	2	1	2
Rebates processed	150	113	155	220	250	260	265

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Billing errors caught after bill was mailed vs all bills	.50%	.16%	.50%	.03%	.50%	.05%	.05%
Billing errors caught before bill was mailed vs all bills	95.00%	99.47%	95.00%	99.97%	95.00%	99.95%	99.95%

*This information is representative of annual figures in lieu of prior years' being calculated monthly

**IVR Calls In and Out not measured in prior years

DEPT. 43 - CUSTOMER SERVICE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 982,089	\$ 913,671	\$ 1,010,256	\$ 1,035,542
1020	Overtime	6,519	13,514	6,000	6,000
	<i>Personnel Services Total</i>	<u>988,608</u>	<u>927,185</u>	<u>1,016,256</u>	<u>1,041,542</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	278,634	233,445	165,763	182,634
4060	FICA	73,690	67,103	77,744	79,678
4070	Employees' Insurance	351,792	354,826	365,000	373,000
4090	Vacation Pay Expense	(3,348)	(4,765)	-	-
4100	Sick Pay Expense	(6,900)	(10,295)	-	-
4110	Net OPEB Expense	3,065	15,610	(1,167)	(1,155)
4600	Workers' Compensation	9,653	1,541	1,980	2,119
4640	Unemployment Claims	-	17	-	-
	<i>Employee Benefits Total</i>	<u>706,586</u>	<u>657,482</u>	<u>609,320</u>	<u>636,276</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	9,150	-	-	-
2122	Rentals	1,386	1,449	1,600	1,600
2132	Maintenance Of Vehicles	100	-	-	-
2133	Maintenance Of Equipment	490	657	3,000	3,000
2139	Maintenance/Service Contracts	22,766	41,514	93,100	89,100
2140	Postage	195,250	166,323	200,000	210,000
2151	Printing	48,613	30,584	50,000	51,000
2165	Temporary Labor	812	14,305	12,000	-
2166	Professional Fees - Other	70,165	90,653	34,500	34,500
2170	Training	13,383	2,136	25,000	25,000
2171	Travel	65	23	200	200
2172	Car Allowance	9,900	6,444	3,300	3,300
2190	Communications	12,405	11,316	6,000	6,300
2230	Employee Relations	10,144	4,903	6,500	6,500
2240	Business Relations	661	-	-	-
2250	Community Relations	29,179	1,250	-	-
2260	Memberships - Professional	-	380	200	500
2262	Memberships - Civic	775	668	200	200
2290	Billing Housing Authority	6,765	3,935	2,500	2,500
	<i>Contractual Services Total</i>	<u>432,009</u>	<u>376,540</u>	<u>438,100</u>	<u>433,700</u>
<u>COMMODITIES</u>					
3311	Office Supplies	13,316	16,888	25,000	15,000
3313	Subscriptions	159	-	200	200
3316	Operating Supplies	7,124	1,195	3,000	3,000
3331	Vehicle Supplies	60	-	-	-
	<i>Commodities Total</i>	<u>20,659</u>	<u>18,083</u>	<u>28,200</u>	<u>18,200</u>
<u>FIXED & SUNDRY</u>					
4020	Cash (Over) Short	216	(258)	-	-
4610	Property & Liab./Ins. & Uninsur.	12,430	13,335	13,332	14,264
	<i>Fixed & Sundry Total</i>	<u>12,646</u>	<u>13,077</u>	<u>13,332</u>	<u>14,264</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	28,329	30,134	31,159	31,212
	<i>Miscellaneous Total</i>	<u>28,329</u>	<u>30,134</u>	<u>31,159</u>	<u>31,212</u>
	Total	<u><u>\$ 2,188,837</u></u>	<u><u>\$ 2,022,501</u></u>	<u><u>\$ 2,136,367</u></u>	<u><u>\$ 2,175,194</u></u>

DIRECTOR OF ELECTRIC & GAS SYSTEMS

DEPARTMENTAL GOALS AND OBJECTIVES

- 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



DEPT. 51 - DIRECTOR OF ELECTRIC & GAS SYSTEMS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 152,423	\$ 146,989	\$ 149,408	\$ 154,478
	<i>Personnel Services Total</i>	<u>152,423</u>	<u>146,989</u>	<u>149,408</u>	<u>154,478</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	47,083	40,661	27,058	27,157
4060	FICA	10,305	9,662	11,430	11,818
4070	Employees' Insurance	18,815	23,266	23,000	24,000
4090	Vacation Pay Expense	2,155	(2,506)	-	-
4100	Sick Pay Expense	18,401	4,722	-	-
4110	Net OPEB Expense	118	601	(45)	(44)
4600	Workers' Compensation	252	292	396	424
	<i>Employee Benefits Total</i>	<u>97,129</u>	<u>76,698</u>	<u>61,839</u>	<u>63,355</u>
<u>CONTRACTUAL SERVICES</u>					
2151	Advertising	-	20	20	-
2164	Profess. Fees - Consulting/Eng.	6,265	32,544	85,050	50,800
2170	Training	3,581	5,132	6,000	6,500
2171	Travel	640	326	950	500
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	1,031	1,048	1,000	1,100
2230	Employee Relations	6,618	317	3,500	3,500
2240	Business Relations	-	115	100	100
2250	Community Relations	224	45	-	-
2260	Memberships - Professional	39,474	39,879	40,816	45,000
2262	Memberships - Civic	1,475	915	850	870
	<i>Contractual Services Total</i>	<u>64,468</u>	<u>85,501</u>	<u>143,446</u>	<u>113,530</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,603	-	600	600
3313	Subscriptions	-	-	300	300
	<i>Commodities Total</i>	<u>1,603</u>	<u>-</u>	<u>900</u>	<u>900</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	-	100	100
4610	Property & Liab./Ins. & Uninsur.	1,148	1,063	1,488	1,570
	<i>Fixed & Sundry Total</i>	<u>1,148</u>	<u>1,063</u>	<u>1,588</u>	<u>1,670</u>
Total		<u>\$ 316,771</u>	<u>\$ 310,251</u>	<u>\$ 357,181</u>	<u>\$ 333,933</u>

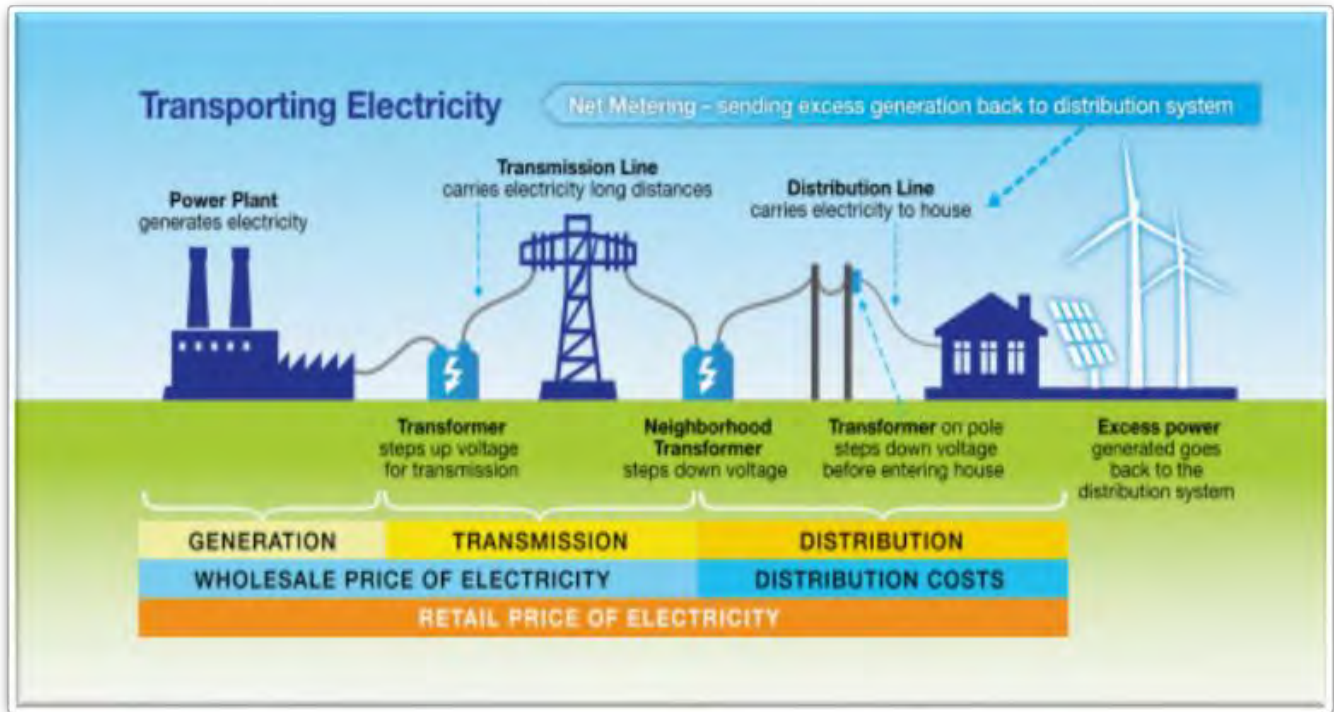
DEPT. 52 - POWER GENERATION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
	<i>MISCELLANEOUS</i>				
9050	Extraordinary Expense	\$ 1,886	\$ 654	\$ 176	\$ -
	<i>Miscellaneous Total</i>	<u>1,886</u>	<u>654</u>	<u>176</u>	<u>-</u>
	Total	<u>\$ 1,886</u>	<u>\$ 654</u>	<u>\$ 176</u>	<u>\$ -</u>



DEPT. 53 - ELECTRIC PURCHASES FOR RESALE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
	<i>PURCHASES FOR RESALE</i>				
3360	Purchases For Resale	\$ 43,689,344	\$ 41,402,405	\$ 47,000,000	\$ 46,000,000
	<i>Miscellaneous Total</i>	43,689,344	41,402,405	47,000,000	46,000,000
	Total	<u>\$ 43,689,344</u>	<u>\$ 41,402,405</u>	<u>\$ 47,000,000</u>	<u>\$ 46,000,000</u>



ELECTRIC TRANSMISSION & DISTRIBUTION

DEPARTMENTAL GOALS AND OBJECTIVES

- 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

- Assisted in electric restoration after Hurricane Michael
- 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 Michael
- 2 Mutual Aid commendations from A.P.P.A. for our help after Hurricane Michael

PERFORMANCE MEASURES

Workload	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Miles of T & D lines maintained	428	400	428	405	440	410	440

Effectiveness	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of energy loss	≤ 5.0%	2.71%	≤ 5.0%	4.3%	≤5.0%	3.8%	≤5.0%
System Average Interruption Duration (SAIDI)	<50.0	57.8	<50.0	53.2	<50	40	<50
Customer Average Interruption Duration (CAIDI)	<60.0	51.8	<60.0	54.3	<50	40	<50
System Average Interruption Frequency (SAIFI)	<0.50	1.12*	<0.60	.98	<.50	.4	<.50
Momentary Average Interruption event Frequency Index (MAIFI)	<7.0	7.19	<6.5	7.39	<7.0	6	<7.0
L-Bar	<70.0	81.1	<70.0	90.34	<70	50	<70
Safety Frequency Rate	≤ 5.0	13.09	≤ 5.0	4.3	≤ 5.0	7.86	0
Safety DART Rate	≤ 50	239.36	≤ 50	0	175.0	0	175.0

*Higher due to Hurricane Irma

DEPT. 54 - ELECTRIC TRANSMISSION & DISTRIBUTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,498,603	\$ 1,642,696	\$ 1,817,704	\$ 2,017,136
1020	Overtime	138,124	181,135	185,000	185,000
	<i>Personnel Services Total</i>	<u>1,636,727</u>	<u>1,823,831</u>	<u>2,002,704</u>	<u>2,202,136</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	515,484	486,561	362,690	387,136
4060	FICA	132,687	147,533	153,207	168,463
4070	Employees' Insurance	268,937	341,635	330,000	335,000
4090	Vacation Pay Expense	(10,200)	(8,573)	-	-
4100	Sick Pay Expense	23,974	(19,839)	-	-
4110	Net OPEB Expense	2,711	13,808	(1,122)	(1,111)
4600	Workers' Compensation	38,276	53,722	34,664	48,715
	<i>Employee Benefits Total</i>	<u>971,869</u>	<u>1,014,847</u>	<u>879,439</u>	<u>938,203</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	4,723	10,018	15,000	15,000
2132	Maintenance Of Vehicles	16,516	42,313	30,000	30,000
2133	Maintenance Of Equipment	22,121	13,861	14,000	16,000
2139	Maintenance/Service Contracts	398,402	420,941	580,000	580,000
2140	Postage	561	519	600	600
2151	Printing	20	20	555	300
2164	Profess. Fees - Consulting/Eng.	-	1,200	-	-
2166	Professional Fees - Other	16,976	17,567	20,000	20,000
2170	Training	50,993	50,165	48,000	60,000
2171	Travel	-	329	1,000	1,000
2190	Communications	8,866	9,036	13,300	14,000
2200	Utilities	101,600	101,195	94,900	94,900
2230	Employee Relations	2,252	3,338	3,500	6,000
2260	Memberships - Professional	-	-	100	-
	<i>Contractual Services Total</i>	<u>623,030</u>	<u>670,502</u>	<u>820,955</u>	<u>837,800</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,266	3,048	2,458	2,600
3313	Subscriptions	200	-	100	100
3316	Operating Supplies	202,893	220,805	285,000	285,000
3331	Vehicle Supplies	45,635	73,487	80,000	80,000
3340	Small Tools	19,385	20,982	22,000	24,000
	<i>Commodities Total</i>	<u>270,379</u>	<u>318,322</u>	<u>389,558</u>	<u>391,700</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	83	40	200	100
4610	Property & Liab./Ins. & Uninsur.	175,918	118,776	122,379	134,917
9005	Duplicate Charges	(51,768)	(48,866)	(49,300)	(49,000)
	<i>Fixed & Sundry Total</i>	<u>124,233</u>	<u>69,950</u>	<u>73,279</u>	<u>86,017</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	4,150,444	3,290,045	4,055,122	4,152,276
	<i>Miscellaneous Total</i>	<u>4,150,444</u>	<u>3,290,045</u>	<u>4,055,122</u>	<u>4,152,276</u>
	Total	<u>\$ 7,776,682</u>	<u>\$ 7,187,497</u>	<u>\$ 8,221,057</u>	<u>\$ 8,608,132</u>

ELECTRIC OPERATIONS

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 outlined in strategic plan

DEPARTMENTAL ACCOMPLISHMENTS

- 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
- Faster service restoration through real-time system modeling and analysis of customer accounts
- Successfully sent out and received RFPs for AMI system and are currently working on negotiating contracts

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. # of services billed	28,300	28,287	28,450	28,265	29,000	28,500	29,000
Trouble calls processed through Dispatch	<3,500	3,166	<3,500	4,606	<3,500	3,800	<3,500
Meters read	>661,200	609,580	>665,000	642,289	>665,000	640,000	>665,000
Avg. # of discos/recon per mth	>430	498	>450	576	>450	525	>450

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of energy loss	≤ 5.0%	2.71%	≤ 5.0%	4.3%	≤ 5.0%	3.8%	≤ 5.0%
SAIDI	<50.0	57.8	< 50	53.2	< 50	40	< 50
CAIDI	<60.0	51.8	<60	54.3	< 50	40	< 50
SAIFI	<0.50	1.12 **	< .60	0.98	< 0.50	.4	< 0.50
MAIFI**	<7.0	7.19	<7.0	7.39	<7.0	6	<7.0
L-Bar	<70.0	81.1	<70	90.34	<70	50	<70
O&M cost/services billed±	\$28.68	\$27.56	\$31.04	\$25.93	≤\$26.47	\$26.10	≤\$26.25

*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 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 930,593	\$ 956,377	\$ 1,015,894	\$ 1,039,253
1020	Overtime	83,022	72,529	92,000	92,000
	<i>Personnel Services Total</i>	<u>1,013,615</u>	<u>1,028,906</u>	<u>1,107,894</u>	<u>1,131,253</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	356,464	304,462	173,850	178,405
4060	FICA	94,429	89,850	84,754	86,541
4070	Employees' Insurance	304,013	360,392	327,000	333,000
4090	Vacation Pay Expense	2,719	9,454	-	-
4100	Sick Pay Expense	32,532	(11,626)	-	-
4110	Net OPEB Expense	2,829	14,408	(1,077)	(1,066)
4600	Workers' Compensation	18,483	19,290	22,562	23,627
	<i>Employee Benefits Total</i>	<u>811,469</u>	<u>786,230</u>	<u>607,089</u>	<u>620,507</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	2,074	4,295	5,000	5,000
2132	Maintenance Of Vehicles	3,261	9,514	9,000	10,000
2133	Maintenance Of Equipment	2,123	1,293	6,000	5,000
2139	Maintenance/Service Contracts	512	866	1,000	51,200
2140	Postage	4	-	100	500
2151	Printing	436	645	1,000	10,000
2165	Temporary Labor	-	17,403	-	-
2166	Professional Fees - Other	-	-	100	100
2170	Training	34,561	37,555	34,000	35,000
2171	Travel	-	-	100	100
2172	Car Allowance	8,460	8,707	8,460	8,460
2190	Communications	10,101	11,469	11,500	12,100
2230	Employee Relations	929	348	585	750
2240	Business Relations	21	27	100	100
2260	Memberships - Professional	50	75	100	100
	<i>Contractual Services Total</i>	<u>62,532</u>	<u>92,197</u>	<u>77,045</u>	<u>138,410</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,790	1,511	2,000	2,000
3316	Operating Supplies	32,460	25,895	30,000	40,000
3331	Vehicle Supplies	39,146	45,164	40,000	41,000
3340	Small Tools	1,185	5,968	2,000	5,000
	<i>Commodities Total</i>	<u>75,581</u>	<u>78,538</u>	<u>74,000</u>	<u>88,000</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	968	650	1,000	1,000
4610	Property & Liab./Ins. & Uninsur.	15,699	15,726	16,917	17,854
	<i>Fixed & Sundry Total</i>	<u>16,667</u>	<u>16,376</u>	<u>17,917</u>	<u>18,854</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	12,475	50,452	81,413	85,579
	<i>Miscellaneous Total</i>	<u>12,475</u>	<u>50,452</u>	<u>81,413</u>	<u>85,579</u>
	Total	<u>\$ 1,992,339</u>	<u>\$ 2,052,699</u>	<u>\$ 1,965,358</u>	<u>\$ 2,082,603</u>

ELECTRIC & GAS ENGINEERING

DEPARTMENTAL GOALS AND OBJECTIVES

- 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

- Completed Storm Hardening and Grid Modernization Plan and Report
- Bid, Award, and Completion of 93 pole replacements
- Completion of first installation FPUA electric system automatic transfer switch (Hospital)
- Approval of LED Rental Light Rates by FPUA Board and City Commission
- Fiber Manager Implementation
- Installation of 21 Trip Savers
- Award of Bid, receiving, and installation (6) of 11 substation regulators
- Hiring of Electrical Engineer and Inspector

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Designs completed	150	133	140	128	160	140	170
Construction projects managed	120	119	120	173	120	144	120

DEPT. 56 - ELECTRIC & GAS ENGINEERING

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 590,614	\$ 561,501	\$ 771,760	\$ 890,103
1020	Overtime	-	-	100	3,000
	<i>Personnel Services Total</i>	<u>590,614</u>	<u>561,501</u>	<u>771,860</u>	<u>893,103</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	194,456	155,966	130,402	147,866
4060	FICA	46,514	41,664	59,047	68,322
4070	Employees' Insurance	128,058	143,027	189,000	192,000
4090	Vacation Pay Expense	3,999	(5,788)	-	-
4100	Sick Pay Expense	(17,897)	8,370	-	-
4110	Net OPEB Expense	1,061	5,404	(584)	(577)
4600	Workers' Compensation	3,963	3,178	7,464	7,986
	<i>Employee Benefits Total</i>	<u>360,154</u>	<u>351,821</u>	<u>385,329</u>	<u>415,597</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	-	1,500	1,000	1,000
2139	Maintenance/Service Contracts	484	556	500	500
2140	Postage	-	17	50	50
2151	Printing	20	120	100	100
2164	Profess. Fees - Consulting/Eng.	54,079	2,288	30,000	30,000
2170	Training	11,242	16,781	29,900	40,000
2171	Travel	-	546	-	-
2172	Car Allowance	13,620	10,811	16,200	18,780
2190	Communications	4,952	5,454	4,600	4,800
2230	Employee Relations	1,148	352	400	1,000
2240	Business Relations	139	34	200	200
2260	Memberships - Professional	1,251	620	1,200	1,200
	<i>Contractual Services Total</i>	<u>86,935</u>	<u>39,079</u>	<u>84,150</u>	<u>97,630</u>
<u>COMMODITIES</u>					
3311	Office Supplies	9,320	2,965	10,000	5,000
3313	Subscriptions	-	281	550	900
3316	Operating Supplies	9,294	2,917	3,500	3,500
3331	Vehicle Supplies	881	5,709	4,000	4,000
	<i>Commodities Total</i>	<u>19,495</u>	<u>11,872</u>	<u>18,050</u>	<u>13,400</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	198	-	300	150
4610	Property & Liab./Ins. & Uninsur.	7,054	6,466	10,020	10,566
	<i>Fixed & Sundry Total</i>	<u>7,252</u>	<u>6,466</u>	<u>10,320</u>	<u>10,716</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	13,367	7,310	16,082	22,150
	<i>Miscellaneous Total</i>	<u>13,367</u>	<u>7,310</u>	<u>16,082</u>	<u>22,150</u>
Total		<u>\$ 1,077,817</u>	<u>\$ 978,049</u>	<u>\$ 1,285,791</u>	<u>\$ 1,452,596</u>

DIRECTOR OF WATER/WASTEWATER SYSTEMS

DEPARTMENTAL GOALS AND OBJECTIVES

- 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



DEPT. 61 - DIRECTOR OF WATER/WASTEWATER SYSTEMS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 92,442	\$ 118,477	\$ 123,973	\$ 127,521
	<i>Personnel Services Total</i>	<u>92,442</u>	<u>118,477</u>	<u>123,973</u>	<u>127,521</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	36,619	34,341	22,452	22,418
4060	FICA	8,792	9,256	9,484	9,755
4070	Employees' Insurance	15,654	18,010	21,000	22,000
4090	Vacation Pay Expense	(1,970)	1,123	-	-
4100	Sick Pay Expense	(18,330)	3,356	-	-
4110	Net OPEB Expense	118	601	(45)	(44)
4600	Workers' Compensation	60	59	72	77
	<i>Employee Benefits Total</i>	<u>40,943</u>	<u>66,746</u>	<u>52,963</u>	<u>54,206</u>
<u>CONTRACTUAL SERVICES</u>					
2151	Printing	20	-	20	-
2164	Profess. Fees - Consulting/Eng.	29,585	1,138	19,464	26,624
2166	Professional Fees - Other	170	-	-	-
2170	Training	-	1,434	2,500	2,560
2171	Travel	527	240	500	544
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	620	1,000	1,000	1,000
2240	Business Relations	29	26	27	-
2260	Memberships - Professional	1,018	347	1,500	1,536
	<i>Contractual Services Total</i>	<u>37,129</u>	<u>9,345</u>	<u>30,171</u>	<u>37,424</u>
<u>COMMODITIES</u>					
3311	Office Supplies	443	595	1,000	1,086
3313	Subscriptions	58	-	250	271
	<i>Commodities Total</i>	<u>501</u>	<u>595</u>	<u>1,250</u>	<u>1,357</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	999	912	1,248	1,318
	<i>Fixed & Sundry Total</i>	<u>999</u>	<u>912</u>	<u>1,248</u>	<u>1,318</u>
Total		<u>\$ 172,014</u>	<u>\$ 196,075</u>	<u>\$ 209,605</u>	<u>\$ 221,826</u>

WATER RESOURCES

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 the Bulk Chemical Containment Rehabilitation and Upgrade project, increasing the Water Treatment Plant Chemical Storage and Feed Systems reliability and safety while decreasing potential liability
- Completed Lime Plant Gravity Thickener Rehabilitation, ensuring that Lime Plant residuals will be efficiently stored and disposed of
- Completed Storm Hardening of key structures at the Water Treatment Plant, making assets less susceptible to damage from extreme weather events
- To ensure that FPUA will meet growing water usage demands, received approval from the Florida Department of Environmental Protection to increase the Firm Operating Capacity of the Reverse Osmosis Plant to 10.33 MGD, therefore increasing the total Firm Operating Capacity of the Water Treatment Plant to 23.32 MGD

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Monthly samples collected for testing	60	60	60	60	60	60	60
Surficial wells maintained	32	29	30	29	30	29	30
Floridan wells maintained	11	11	11	11	11	11	11

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Days meeting quality standards	365	365	365	365	365	365	365
% of Surficial wells in service	100%	91%	100%	97%	100%	97%	100%
% of Floridan wells in service	100%	100%	100%	100%	100%	100%	100%
Safety Frequency Rate	0.0	3.9	0.0	0.0	0.0	0.0	0.0
Safety DART Rate	0	17.86	0	0.0	0	0.0	0.0

DEPT. 62 - WATER RESOURCES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,136,004	\$ 1,218,577	\$ 1,279,080	\$ 1,326,505
1020	Overtime	109,355	99,297	110,000	113,300
	<i>Personnel Services Total</i>	<u>1,245,359</u>	<u>1,317,874</u>	<u>1,389,080</u>	<u>1,439,805</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	326,038	329,978	232,776	234,812
4060	FICA	94,978	97,029	106,265	110,145
4070	Employees' Insurance	274,657	340,780	356,000	363,000
4090	Vacation Pay Expense	6,305	7,369	-	-
4100	Sick Pay Expense	29,567	11,308	-	-
4110	Net OPEB Expense	2,829	14,409	(1,122)	(1,111)
4600	Workers' Compensation	24,711	22,888	42,396	45,364
	<i>Employee Benefits Total</i>	<u>759,085</u>	<u>823,761</u>	<u>736,315</u>	<u>752,210</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	-	210	-	-
2122	Rentals	1,241	2,395	3,714	3,803
2131	Maintenance Of Buildings	594	1,000	-	-
2132	Maintenance Of Vehicles	16,076	11,407	20,000	13,390
2133	Maintenance Of Equipment	20,195	42,777	50,000	51,500
2139	Maintenance/Service Contracts	224,705	261,344	411,700	411,700
2140	Postage	126	270	430	440
2151	Printing	2,907	1,727	2,929	2,999
2164	Profess. Fees - Consulting/Eng.	76,600	29,116	30,000	40,000
2166	Professional Fees - Other	17,752	12,884	11,733	12,295
2170	Training	9,987	3,255	15,000	15,000
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	11,616	10,898	12,200	12,800
2200	Utilities	926,999	957,817	885,100	885,100
2230	Employee Relations	973	971	800	819
2240	Business Relations	-	36	-	-
2260	Memberships - Professional	434	370	800	819
2262	Memberships - Civic	-	-	645	660
	<i>Contractual Services Total</i>	<u>1,315,365</u>	<u>1,341,637</u>	<u>1,450,211</u>	<u>1,456,485</u>
<u>COMMODITIES</u>					
3311	Office Supplies	5,893	4,894	5,500	5,632
3313	Subscriptions	272	-	331	339
3316	Operating Supplies	288,648	306,255	320,000	330,000
3320	Chemicals	690,896	803,729	1,000,000	1,150,000
3331	Vehicle Supplies	25,967	35,090	32,500	34,816
3340	Small Tools	3,715	4,578	5,500	5,433
3360	Purchases For Resale	2,387	-	10,000	3,599
	<i>Commodities Total</i>	<u>1,017,778</u>	<u>1,154,546</u>	<u>1,373,831</u>	<u>1,529,819</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	4,517	20,198	20,000	10,198
4610	Property & Liab./Ins. & Uninsur.	103,564	99,908	114,402	126,463
	<i>Fixed & Sundry Total</i>	<u>108,081</u>	<u>120,106</u>	<u>134,402</u>	<u>136,661</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,824,582	2,677,146	2,028,290	1,925,017
	<i>Miscellaneous Total</i>	<u>1,824,582</u>	<u>2,677,146</u>	<u>2,028,290</u>	<u>1,925,017</u>
Total		<u>\$ 6,270,250</u>	<u>\$ 7,435,070</u>	<u>\$ 7,112,129</u>	<u>\$ 7,239,997</u>

WATER DISTRIBUTION

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 all employees for their DEP Level 3 or 1 certification/re-certification
- Installed 2 new Intelligent Flushing Devices to help maintain water quality by sampling water chlorine and pressure readings.

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of backflows prevention devices tested	100%	100%	100%	94%	100%	95%	100%
% of distribution control valves inspected	10.0%	2.8%	10.0%	6.2%	10.0%	3.4%	10.0%
% of hydrants inspected	50.0%	10.3%	50.0%	13.7%	50.0%	11.8%	50.0%
% of meters changed out 20 years or older	10.0%	5.6%	10.0%	7.35%	10.0%	5.0%	10.0%
Avg. # of monthly service calls	500	619	500	562	500	521	500
Avg. # of services billed	20,500	20,221	20,500	20,452	20,500	20,800	21,000

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of water loss	< 5.0%	3.79%	< 5.0%	10.84%	<5.0%	5.4%	<5.0%
# of water quality trouble calls	<50	88	<50	68	<50	45	<50

DEPT. 64 - WATER DISTRIBUTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,194,508	\$ 1,256,481	\$ 1,265,823	\$ 1,349,679
1020	Overtime	42,797	66,929	90,000	92,250
	<i>Personnel Services Total</i>	<u>1,237,305</u>	<u>1,323,410</u>	<u>1,355,823</u>	<u>1,441,929</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	373,184	337,997	226,459	246,018
4060	FICA	95,516	98,252	103,720	110,308
4070	Employees' Insurance	365,550	451,981	422,000	430,000
4090	Vacation Pay Expense	415	(5,906)	-	-
4100	Sick Pay Expense	(1,774)	22,606	-	-
4110	Net OPEB Expense	3,298	16,797	(1,212)	(1,199)
4600	Workers' Compensation	42,318	25,046	41,165	46,204
4640	Unemployment Claims	841	-	-	-
	<i>Employee Benefits Total</i>	<u>879,348</u>	<u>946,773</u>	<u>792,132</u>	<u>831,331</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	350	571	1,148	1,176
2132	Maintenance Of Vehicles	23,252	15,877	30,000	30,000
2133	Maintenance Of Equipment	4,204	7,313	15,250	15,250
2139	Maintenance/Service Contracts	233,218	192,345	275,000	275,000
2140	Postage	50	58	49	50
2151	Printing	40	554	1,657	1,697
2166	Professional Fees - Other	10,467	4,616	8,042	8,000
2170	Training	12,445	5,803	17,274	17,689
2171	Travel	333	59	248	254
2190	Communications	13,840	14,268	15,400	16,200
2200	Utilities	23,492	24,121	22,200	22,200
2230	Employee Relations	1,216	1,366	1,250	1,000
2260	Memberships - Professional	404	380	517	529
	<i>Contractual Services Total</i>	<u>323,311</u>	<u>267,331</u>	<u>388,035</u>	<u>389,045</u>
<u>COMMODITIES</u>					
3311	Office Supplies	9,201	5,916	5,743	5,881
3316	Operating Supplies	161,747	195,281	191,017	195,601
3331	Vehicle Supplies	79,305	98,392	99,477	101,864
3340	Small Tools	32,961	53,922	40,000	40,960
	<i>Commodities Total</i>	<u>283,214</u>	<u>353,511</u>	<u>336,237</u>	<u>344,306</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	5,777	5,297	7,500	7,500
4610	Property & Liab./Ins. & Uninsur.	77,229	52,759	25,316	26,498
	<i>Fixed & Sundry Total</i>	<u>83,006</u>	<u>58,056</u>	<u>32,816</u>	<u>33,998</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	2,459,516	2,617,731	2,551,946	2,548,230
	<i>Miscellaneous Total</i>	<u>2,459,516</u>	<u>2,617,731</u>	<u>2,551,946</u>	<u>2,548,230</u>
	Total	<u>\$ 5,265,700</u>	<u>\$ 5,566,812</u>	<u>\$ 5,456,989</u>	<u>\$ 5,588,839</u>

WATER/WASTEWATER ENGINEERING

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 for the 16-inch force main along Orange Avenue from Jenkins Road to North 39th Street. Installation improved the hydraulic capacity of the NW portion of the service territory and is a master planned facility needed to redirect wastewater flows from the Island Water Reclamation Facility (IWRf) to the Mainland Water Reclamation Facility
- Designed, permitted and provided construction management for the Avenue M – N. 13th Street to N. 25th Street Utility 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 Iroquois MSBU water main project to provide water to fifty individual customers
- Managed the design and provided construction management of the IWRf Emergency Standby Generator and Power Improvement Project in order to maintain operational readiness of the IWRf during potential power outages
- Managed the design and provided construction management of Lift Station E Rehabilitation Project to increase the stations' reliability and restore capacity

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Designs completed	24	18	24	15	20	17	20
Site plans/permits reviewed	150	125	100	299	125	468	150
Projects managed	48	65	60	57	80	100	80
Entities added to GIS	800	852	800	554	800	650	800
Water main replaced (ft)	8,000	8,537	8,000	4,601	8,000	7,298	8,000
Sewer VCP Main replaced (ft)	8,000	2,465	2,500	332	2,500	350	500
% of infrastructure verified	76.0%	76.5%	81.0%	78.3%	79.9%	79.9%	81.5%

DEPT. 66 - WATER/WASTEWATER ENGINEERING

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 638,185	\$ 613,277	\$ 695,529	\$ 771,758
1020	Overtime	428	529	2,000	2,000
	<i>Personnel Services Total</i>	<u>638,613</u>	<u>613,806</u>	<u>697,529</u>	<u>773,758</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	193,791	174,678	126,323	136,027
4060	FICA	46,175	44,722	53,361	59,192
4070	Employees' Insurance	136,883	172,034	181,000	184,000
4090	Vacation Pay Expense	6,672	2,941	-	-
4100	Sick Pay Expense	8,484	15,569	-	-
4110	Net OPEB Expense	1,297	6,606	(584)	(577)
4600	Workers' Compensation	5,125	4,322	11,112	11,890
	<i>Employee Benefits Total</i>	<u>398,427</u>	<u>420,872</u>	<u>371,212</u>	<u>390,532</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	73	1,531	1,600	2,000
2139	Maintenance/Service Contracts	291	12,118	553	927
2140	Postage	30	1	100	40
2151	Printing	41	60	100	150
2164	Profess. Fees - Consulting/Eng.	-	79,350	-	-
2166	Professional Fees - Other	478	-	1,000	588
2170	Training	6,254	8,711	17,700	17,382
2171	Travel	10	37	108	113
2172	Car Allowance	12,513	13,359	15,480	15,480
2190	Communications	4,585	5,569	5,800	6,100
2200	Utilities	25,012	24,912	23,200	23,200
2230	Employee Relations	436	612	750	819
2260	Memberships - Professional	731	230	1,300	1,843
	<i>Contractual Services Total</i>	<u>50,454</u>	<u>146,490</u>	<u>67,691</u>	<u>68,642</u>
<u>COMMODITIES</u>					
3311	Office Supplies	3,313	2,364	3,000	5,542
3316	Operating Supplies	2,094	1,661	2,100	4,000
3331	Vehicle Supplies	6,955	8,728	11,000	12,662
3340	Small Tools	25	28	286	299
	<i>Commodities Total</i>	<u>12,387</u>	<u>12,781</u>	<u>16,386</u>	<u>22,503</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	349	700	1,000	1,176
4610	Property & Liab./Ins. & Uninsur.	8,159	7,840	10,452	11,129
	<i>Fixed & Sundry Total</i>	<u>8,508</u>	<u>8,540</u>	<u>11,452</u>	<u>12,305</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	4,323	10,585	23,118	29,198
	<i>Miscellaneous Total</i>	<u>4,323</u>	<u>10,585</u>	<u>23,118</u>	<u>29,198</u>
	Total	<u>\$ 1,112,712</u>	<u>\$ 1,213,074</u>	<u>\$ 1,187,388</u>	<u>\$ 1,296,938</u>

GAS OPERATIONS

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 in accordance with mandated requirements

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

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Service calls handled	1,700	1,453	2,000	1,300	2,000	1,700	2,000
Meter installs/renewals	150	148	170	115	200	250	200
Throughput for system (Dths)	460,000	425,000	460,000	435,000	460,000	445,000	460,000
Avg. # of services billed	4,300	4,128	4,300	4,099	4,300	4,130	4,300
Replace/remove ex-tube installations	>15	5	>15	10	>15	8	>15
"Cut and Cap" service lines (10-year rule)	>30	51	>30	35	>30	32	>30

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lines hit by 3 rd party contractors	<10	11	<10	8	<10	10	<10
PSC audit findings	<5	0	<5	0	<5	0	<5
Safety Frequency Rate	0.0	13.08	0.0	8.75	0	8.75	0.0
Safety DART Rate	0	1,149.32	0	2,783.03	0	17.5	0

DEPT. 74 - GAS OPERATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 785,779	\$ 751,245	\$ 798,659	\$ 844,958
1020	Overtime	16,627	18,233	11,500	11,500
	<i>Personnel Services Total</i>	<u>802,406</u>	<u>769,478</u>	<u>810,159</u>	<u>856,458</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	206,761	175,971	139,983	150,565
4060	FICA	54,033	48,407	61,977	65,519
4070	Employees' Insurance	187,304	236,257	224,000	228,000
4090	Vacation Pay Expense	(9,220)	5,008	-	-
4100	Sick Pay Expense	(35,396)	4,286	-	-
4110	Net OPEB Expense	1,768	9,005	(673)	(666)
4600	Workers' Compensation	15,762	45,150	25,786	22,943
	<i>Employee Benefits Total</i>	<u>421,012</u>	<u>524,084</u>	<u>451,073</u>	<u>466,361</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	337	9,694	20,000	33,000
2122	Rentals	1,777	1,271	1,172	1,200
2132	Maintenance Of Vehicles	8,627	7,658	11,000	10,300
2133	Maintenance Of Equipment	7,683	5,640	5,000	7,600
2139	Maintenance/Service Contracts	31,063	37,644	30,000	35,000
2140	Postage	2,377	68	2,500	2,500
2151	Printing	8,847	7,555	6,500	6,500
2164	Profess. Fees - Consulting/Eng.	-	900	1,000	1,000
2165	Temporary Labor	9,439	-	-	-
2166	Professional Fees - Other	3,757	1,679	1,500	1,700
2170	Training	5,060	10,544	15,000	15,360
2171	Travel	1,130	908	1,624	1,663
2172	Car Allowance	4,300	4,849	5,160	5,160
2190	Communications	10,408	12,369	14,700	15,500
2200	Utilities	12,916	13,116	12,200	12,200
2230	Employee Relations	297	400	500	650
2260	Memberships - Professional	12,679	14,850	15,000	17,500
	<i>Contractual Services Total</i>	<u>120,697</u>	<u>129,145</u>	<u>142,856</u>	<u>166,833</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,746	2,686	3,184	3,260
3316	Operating Supplies	88,527	81,391	110,000	115,000
3331	Vehicle Supplies	30,907	32,105	25,000	25,000
3340	Small Tools	21,953	18,609	20,000	20,000
	<i>Commodities Total</i>	<u>144,133</u>	<u>134,791</u>	<u>158,184</u>	<u>163,260</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	12,658	3,137	8,000	8,000
4610	Property & Liab./Ins. & Uninsur.	18,986	10,902	14,333	15,115
	<i>Fixed & Sundry Total</i>	<u>31,644</u>	<u>14,039</u>	<u>22,333</u>	<u>23,115</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	257,792	327,290	301,530	320,165
	<i>Miscellaneous Total</i>	<u>257,792</u>	<u>327,290</u>	<u>301,530</u>	<u>320,165</u>
	Total	<u>\$ 1,777,684</u>	<u>\$ 1,898,827</u>	<u>\$ 1,886,135</u>	<u>\$ 1,996,192</u>

NATURAL GAS PURCHASES FOR RESALE

DEPARTMENTAL GOALS AND OBJECTIVES

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



DEPT. 75 - NATURAL GAS PURCHASES FOR RESALE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
	<i><u>PURCHASES FOR RESALE</u></i>				
3360	Purchases For Resale	\$ 1,773,162	\$ 1,817,037	\$ 2,000,000	\$ 1,900,000
	<i>Purchases For Resale Total</i>	<u>1,773,162</u>	<u>1,817,037</u>	<u>2,000,000</u>	<u>1,900,000</u>
	Total	<u>\$ 1,773,162</u>	<u>\$ 1,817,037</u>	<u>\$ 2,000,000</u>	<u>\$ 1,900,000</u>

WATER RECLAMATION

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Samples collected	3,100	2,224	3,100	2,312	2,500	2,300	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 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Days meeting quality standards	365	365	365	365	365	365	365
% of employees with state required certification	100%	100%	100%	100%	100%	100%	100%
Plant Capacity (MGPD)	10	5.92	10	4.62	10	4.21	10
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	0	0

DEPT. 82 - WATER RECLAMATION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 672,306	\$ 715,837	\$ 781,411	\$ 843,815
1020	Overtime	18,034	21,224	35,000	35,000
	<i>Personnel Services Total</i>	<u>690,340</u>	<u>737,061</u>	<u>816,411</u>	<u>878,815</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	242,518	214,038	138,058	144,953
4060	FICA	63,405	63,323	62,455	67,229
4070	Employees' Insurance	178,130	215,586	216,000	221,000
4090	Vacation Pay Expense	8,669	(4,275)	-	-
4100	Sick Pay Expense	3,218	(93)	-	-
4110	Net OPEB Expense	1,886	9,606	(673)	(711)
4600	Workers' Compensation	38,014	12,442	21,896	28,079
	<i>Employee Benefits Total</i>	<u>535,840</u>	<u>510,627</u>	<u>437,736</u>	<u>460,550</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	-	-	250	250
2122	Rentals	11,950	9,349	12,000	12,000
2132	Maintenance Of Vehicles	2,511	6,141	6,100	6,100
2133	Maintenance Of Equipment	2,210	23,163	13,000	13,000
2139	Maintenance/Service Contracts	334,116	456,943	464,000	464,000
2140	Postage	7	-	100	100
2151	Printing	20	20	100	100
2164	Profess. Fees - Consulting/Eng.	113,755	-	-	-
2165	Temporary Labor	-	-	2,550	2,550
2166	Professional Fees - Other	28,916	32,438	1,000	1,000
2170	Training	2,914	4,127	7,750	7,750
2171	Travel	870	1,166	-	-
2172	Car Allowance	8,460	6,164	5,880	5,880
2190	Communications	7,654	8,508	8,900	9,400
2200	Utilities	494,723	512,737	433,400	433,400
2230	Employee Relations	505	1,031	800	800
2240	Business Relations	368	516	572	572
2260	Memberships - Professional	120	1,000	300	300
	<i>Contractual Services Total</i>	<u>1,009,099</u>	<u>1,063,303</u>	<u>956,702</u>	<u>957,202</u>
<u>COMMODITIES</u>					
3311	Office Supplies	4,505	2,722	4,590	4,590
3316	Operating Supplies	69,371	78,684	75,000	75,000
3320	Chemicals	68,094	96,887	100,000	100,000
3331	Vehicle Supplies	14,479	11,522	12,000	12,000
3340	Small Tools	2,255	74	3,250	3,250
	<i>Commodities Total</i>	<u>158,704</u>	<u>189,889</u>	<u>194,840</u>	<u>194,840</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	114,761	580	1,000	1,000
4610	Property & Liab./Ins. & Uninsur.	37,732	35,814	41,421	44,875
	<i>Fixed & Sundry Total</i>	<u>152,493</u>	<u>36,394</u>	<u>42,421</u>	<u>45,875</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,093,874	1,164,176	1,231,246	1,093,394
	<i>Miscellaneous Total</i>	<u>1,093,874</u>	<u>1,164,176</u>	<u>1,231,246</u>	<u>1,093,394</u>
	Total	<u>\$ 3,640,350</u>	<u>\$ 3,701,450</u>	<u>\$ 3,679,356</u>	<u>\$ 3,630,676</u>

WASTEWATER COLLECTION

DEPARTMENTAL GOALS AND OBJECTIVES

- 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 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lift stations	118	117	118	118	119	119	120
Lift station preventative maintenance performed	350	325	350	336	350	325	350
Avg. preventative maintenance performed annually on each lift station	3.0	2.5	3.0	2.5	300	325	350
Lift station rehabilitations (in-house)	6	7	6	6	6	6	6
Manholes serviced	60	45	60	47	60	30	50
% of manholes inspected annually	50%	42%	50%	35%	50%	45%	50%
Miles of main lines	100	97	100	97	100	98	100

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Cost for 1,000 gallons billed	\$2.32	\$2.60	\$2.35	\$2.47	\$2.48	\$2.33	\$2.41
Safety Frequency Rate	0.0	0.0	0.0	0.0	0.0	11.95	0.0
Safety DART Rate	0	0	0	0	0	0	0

DEPT. 84 - WASTEWATER COLLECTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 906,376	\$ 937,441	\$ 936,093	\$ 997,835
1020	Overtime	61,412	63,748	45,000	45,000
	<i>Personnel Services Total</i>	<u>967,788</u>	<u>1,001,189</u>	<u>981,093</u>	<u>1,042,835</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	224,579	219,647	175,634	183,330
4060	FICA	60,105	61,277	75,054	79,777
4070	Employees' Insurance	207,328	249,424	228,000	233,000
4090	Vacation Pay Expense	1,867	1,161	-	-
4100	Sick Pay Expense	11,858	(2,076)	-	-
4110	Net OPEB Expense	2,240	11,409	(898)	(888)
4600	Workers' Compensation	16,533	14,602	21,539	22,881
	<i>Employee Benefits Total</i>	<u>524,510</u>	<u>555,444</u>	<u>499,329</u>	<u>518,100</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	24,782	25,798	24,146	24,146
2132	Maintenance Of Vehicles	20,354	34,931	40,000	40,000
2133	Maintenance Of Equipment	31,345	51,103	49,207	35,233
2139	Maintenance/Service Contracts	651,127	357,071	340,000	340,000
2151	Printing	225	92	100	100
2166	Professional Fees - Other	12,230	1,289	1,873	1,873
2170	Training	4,065	5,383	7,500	7,500
2172	Car Allowance	-	4,679	5,880	5,880
2190	Communications	9,073	9,020	10,600	11,100
2200	Utilities	212,979	247,356	213,900	213,900
2230	Employee Relations	239	684	800	800
	<i>Contractual Services Total</i>	<u>966,419</u>	<u>737,406</u>	<u>694,006</u>	<u>680,532</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,804	3,879	2,800	2,800
3316	Operating Supplies	137,562	143,867	161,000	144,000
3320	Chemicals	21,586	21,910	28,000	28,000
3331	Vehicle Supplies	31,641	68,549	75,000	75,000
3340	Small Tools	4,833	4,439	5,000	5,000
	<i>Commodities Total</i>	<u>198,426</u>	<u>242,644</u>	<u>271,800</u>	<u>254,800</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	6,838	7,061	6,928	6,928
4610	Property & Liab./Ins. & Uninsur.	65,713	35,664	33,544	35,678
	<i>Fixed & Sundry Total</i>	<u>72,551</u>	<u>42,725</u>	<u>40,472</u>	<u>42,606</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	2,399,063	2,370,302	2,262,478	2,331,767
	<i>Miscellaneous Total</i>	<u>2,399,063</u>	<u>2,370,302</u>	<u>2,262,478</u>	<u>2,331,767</u>
	Total	<u>\$ 5,128,757</u>	<u>\$ 4,949,710</u>	<u>\$ 4,749,178</u>	<u>\$ 4,870,640</u>

FPUAnet® COMMUNICATIONS

DEPARTMENTAL GOALS AND OBJECTIVES

- Provide highly reliable and high speed communications to our community
- Create, market and sell FPUAnet products and innovations to new and existing customers
- Expand to new markets and launch new products to existing service
- Enhance quality of life to attract new business and create jobs

DEPARTMENTAL ACCOMPLISHMENTS

- Fiber mapping now provides virtual mapping resulting in highly efficient solutions for new customer request and troubleshooting.
- Completed outreach campaign with new website and staff
- Network upgrade to 1 Gbps with the ability for 10 Gbps
- Customer support no longer ends at our switch as network usability determines success
- Customers are visited multiple times throughout the duration of their time as either a prospective or an existing customer of FPUAnet.

PERFORMANCE MEASURES

Workload Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. # of services billed	83	71	100	70	100	90	115
Net new services provisioned	2	3	26	6	15	10	15
Increase in customer services	5%	2%	35%	8%	20%	10%	15%
New product types launched	2	1	3	0	1	3	2

Effectiveness Measurement:	FY 2017		FY 2018		FY 2019		FY 2020
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Service Reliability	99.99%	99.99%	99.99%	99.98%	99.99%	99.98%	99.99%
Increase in operating revenue	15%	(-5.6%)	21%	1.1%	5.6%	4.2%	.02%
Safety Frequency Rate	0.0	0.0	0.0	65.71	0	0	0
Safety DART Rate	0	0	0	0	0	0	0

DEPT. 93 - FPUAnet® COMMUNICATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 132,283	\$ 105,687	\$ 176,348	\$ 282,619
1020	Overtime	-	-	1,000	2,000
	<i>Personnel Services Total</i>	<u>132,283</u>	<u>105,687</u>	<u>177,348</u>	<u>284,619</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	17,082	24,894	32,118	50,036
4060	FICA	8,908	6,982	13,567	21,773
4070	Employees' Insurance	39,562	38,324	49,000	50,000
4090	Vacation Pay Expense	2,460	(5,685)	-	-
4100	Sick Pay Expense	1,984	(1,984)	-	-
4110	Net OPEB Expense	236	1,202	(135)	(178)
4600	Workers' Compensation	120	1,628	228	321
	<i>Employee Benefits Total</i>	<u>70,352</u>	<u>65,361</u>	<u>94,778</u>	<u>121,952</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	2,953	1,034	2,100	3,000
2132	Maintenance Of Vehicles	-	-	500	500
2139	Maintenance/Service Contracts	10,470	8,286	50,000	50,000
2140	Postage	-	-	1,400	-
2151	Printing	20	20	1,000	1,000
2164	Profess. Fees - Consulting/Eng.	223	-	-	50,000
2166	Professional Fees - Other	2,068	99	1,000	500
2170	Training	1,375	2,679	7,907	15,000
2171	Travel	61	9	400	2,400
2172	Car Allowance	3,300	1,650	4,075	5,160
2190	Communications	1,919	1,860	2,200	2,300
2200	Utilities	48	48	48	48
2230	Employee Relations	87	187	40	300
2240	Business Relations	744	82	1,000	1,200
2260	Memberships - Professional	-	-	5,000	6,500
	<i>Contractual Services Total</i>	<u>23,268</u>	<u>15,954</u>	<u>76,670</u>	<u>137,908</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,490	1,307	1,124	3,000
3313	Subscriptions	65	60	25	50
3316	Operating Supplies	1,659	5,222	1,990	14,000
3331	Vehicle Supplies	-	-	1,000	2,000
3360	Purchases For Resale	57,938	69,208	123,000	-
	<i>Commodities Total</i>	<u>61,152</u>	<u>75,797</u>	<u>127,139</u>	<u>19,050</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	600	605	988	900
4610	Property & Liab./Ins. & Uninsur.	1,544	1,488	1,968	2,088
4700	Utility Bad Debt Expense	232	157	1,200	-
	<i>Fixed & Sundry Total</i>	<u>2,376</u>	<u>2,250</u>	<u>4,156</u>	<u>2,988</u>
<u>MISCELLANEOUS</u>					
9000	Distribution To City Of Fort Pierce	-	27,892	-	-
9030	Depreciation Expense	66,390	65,166	62,317	61,416
	<i>Miscellaneous Total</i>	<u>66,390</u>	<u>93,058</u>	<u>62,317</u>	<u>61,416</u>
Total		<u>\$ 355,821</u>	<u>\$ 358,107</u>	<u>\$ 542,408</u>	<u>\$ 627,933</u>

DEPT. 95 - FPUAnet® COMMUNICATIONS PURCHASES FOR RESALE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
	<i><u>PURCHASES FOR RESALE</u></i>				
3360	Purchases For Resale	\$ -	\$ -	\$ -	\$ 160,000
	<i>Purchases For Resale Total</i>	-	-	-	160,000
	Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 160,000</u>

**DEPT. 39 - ADMINISTRATIVE & GENERAL -
MANATEE OBSERVATION & EDUCATION CENTER**

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
	<u>MISCELLANEOUS</u>				
5710	Storm Expenses	\$ 396	\$ -	\$ -	\$ -
9000	Distribution To City Of Fort Pierce	-	-	380	3,300
	<i>Miscellaneous Total</i>	396	-	380	3,300
	Total	\$ 396	\$ -	\$ 380	\$ 3,300

DEPT. 49 - ADMINISTRATIVE & GENERAL-ADMINISTRATION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
	<u>CONTRACTUAL SERVICES</u>				
2122	Rentals	\$ 60	\$ -	\$ 250	\$ 250
2131	Maintenance of Structures	4,905	2,637	10,000	6,000
2133	Maintenance of Equipment	-	14	-	-
2139	Maintenance/Service Contracts	9,519	15,537	9,000	10,000
2190	Communications	13,215	13,643	13,500	14,200
	<i>Contractual Services Total</i>	27,699	31,831	32,750	30,450
	<u>COMMODITIES</u>				
3316	Operating Supplies	488	3,684	4,000	1,000
	<i>Commodities Total</i>	488	3,684	4,000	1,000
	<u>FIXED & SUNDRY</u>				
4509	Other Taxes	10,495	12,489	13,200	13,500
4520	Licenses & Permits	-	75	85	85
4700	Utility Bad Debt Expense	11,371	6,952	7,000	7,000
	<i>Fixed & Sundry Total</i>	21,866	19,516	20,285	20,585
	<u>MISCELLANEOUS</u>				
9010	Contingency	-	-	1,000,000	1,000,000
	<i>Miscellaneous Total</i>	-	-	1,000,000	1,000,000
	Total	\$ 50,053	\$ 55,031	\$ 1,057,035	\$ 1,052,035

DEPT. 59 - ADMINISTRATIVE & GENERAL - ELECTRIC

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ 221	\$ -	\$ 1,000	\$ 500
2131	Maintenance of Structures	18,662	8,592	17,500	17,500
2133	Maintenance of Equipment	-	52	150	150
2139	Maintenance/Service Contracts	84,750	155,110	197,000	89,000
2190	Communications	9,248	9,675	10,200	10,800
2250	Community Relations	6,750	-	-	-
	<i>Contractual Services Total</i>	<u>119,631</u>	<u>173,429</u>	<u>225,850</u>	<u>117,950</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	1,788	8,917	10,000	2,000
	<i>Commodities Total</i>	<u>1,788</u>	<u>8,917</u>	<u>10,000</u>	<u>2,000</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	6,577	6,585	6,605	6,615
4510	Gross Receipts Tax	1,562,829	1,611,855	1,582,500	1,614,200
4520	Licenses & Permits	10,642	10,016	10,500	10,500
4531	Contributions - Civic	253,919	223,944	207,747	308,985
4700	Utility Bad Debt Expense	184,794	112,847	103,100	103,100
	<i>Fixed & Sundry Total</i>	<u>2,018,761</u>	<u>1,965,247</u>	<u>1,910,452</u>	<u>2,043,400</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	1,408,340	1,321,222	1,228,013	1,128,657
5723	Interest - Deposits	7,677	16,142	26,000	26,000
5725	Capitalized Interest	(18,709)	(5,380)	-	-
5729	Interest - Other	-	23	-	-
5731	Amortization-Bond Discount	11,680	11,381	11,076	10,766
	<i>Interest Expenses Total</i>	<u>1,408,988</u>	<u>1,343,388</u>	<u>1,265,089</u>	<u>1,165,423</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	255,943	(45,924)	-	-
9000	Distribution To City Of Fort Pierce	4,036,479	4,033,930	4,017,868	4,043,580
9030	Depreciation Expense	113,603	100,525	85,434	85,579
	<i>Miscellaneous Total</i>	<u>4,406,025</u>	<u>4,088,531</u>	<u>4,103,302</u>	<u>4,129,159</u>
	Total	<u>\$ 7,955,193</u>	<u>\$ 7,579,512</u>	<u>\$ 7,514,693</u>	<u>\$ 7,457,932</u>

DEPT. 69 - ADMINISTRATIVE & GENERAL - WATER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ 48	\$ 972	\$ 200	\$ 200
2131	Maintenance of Structures	23,210	14,941	15,500	15,500
2133	Maintenance of Equipment	-	11	-	-
2139	Maintenance/Service Contracts	96,330	122,725	100,000	100,000
2164	Profess. Fees - Consulting/Eng.	3,295	2,609	-	-
2166	Professional Fees - Other	1,500	-	2,000	2,000
2190	Communications	9,647	10,169	10,700	11,300
	<i>Contractual Services Total</i>	<u>134,030</u>	<u>151,427</u>	<u>128,400</u>	<u>129,000</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	1,519	3,097	20,000	2,500
	<i>Commodities Total</i>	<u>1,519</u>	<u>3,097</u>	<u>20,000</u>	<u>2,500</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	10,285	10,290	10,300	10,305
4700	Utility Bad Debt Expense	33,140	20,226	18,800	18,800
	<i>Fixed & Sundry Total</i>	<u>43,425</u>	<u>30,516</u>	<u>29,100</u>	<u>29,105</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	1,367,682	1,283,079	1,192,561	1,096,073
5723	Interest - Deposits	1,238	2,886	6,000	6,000
5725	Capitalized Interest	(86,348)	(78,276)	-	-
5729	Interest - Other	-	336	-	-
5731	Amortization-Bond Discount	7,535	7,342	7,145	6,945
	<i>Interest Expenses Total</i>	<u>1,290,107</u>	<u>1,215,367</u>	<u>1,205,706</u>	<u>1,109,018</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	19,830	1,156	-	-
9000	Distribution To City Of Fort Pierce	933,754	1,011,215	984,280	1,046,790
9030	Depreciation Expense	31,687	27,511	24,123	24,164
	<i>Miscellaneous Total</i>	<u>985,271</u>	<u>1,039,882</u>	<u>1,008,403</u>	<u>1,070,954</u>
Total		<u>\$ 2,454,352</u>	<u>\$ 2,440,289</u>	<u>\$ 2,391,609</u>	<u>\$ 2,340,577</u>

DEPT. 79 - ADMINISTRATIVE & GENERAL - GAS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ 40	\$ -	\$ 100	\$ 100
2131	Maintenance of Structures	2,314	1,295	2,500	2,500
2133	Maintenance of Equipment	-	9	-	-
2139	Maintenance/Service Contracts	14,163	17,783	13,500	13,500
2190	Communications	2,453	2,584	2,500	2,700
	<i>Contractual Services Total</i>	<u>18,970</u>	<u>21,671</u>	<u>18,600</u>	<u>18,800</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	325	5,708	2,500	2,500
	<i>Commodities Total</i>	<u>325</u>	<u>5,708</u>	<u>2,500</u>	<u>2,500</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	722	722	722	722
4510	Gross Receipts Tax	69,670	75,705	77,000	78,500
4520	Licenses & Permits	8,562	9,115	10,000	10,500
4700	Utility Bad Debt Expense	2,415	1,461	2,300	2,300
	<i>Fixed & Sundry Total</i>	<u>81,369</u>	<u>87,003</u>	<u>90,022</u>	<u>92,022</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	85,416	80,132	74,479	68,453
5723	Interest - Deposits	550	1,167	2,000	2,000
5725	Capitalized Interest	(4,894)	(8,343)	-	-
5731	Amortization-Bond Discount	939	915	890	865
	<i>Interest Expenses Total</i>	<u>82,011</u>	<u>73,871</u>	<u>77,369</u>	<u>71,318</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	697	33	-	-
9000	Distribution To City Of Fort Pierce	244,265	248,338	254,731	266,358
9030	Depreciation Expense	20,072	17,848	15,077	15,103
	<i>Miscellaneous Total</i>	<u>265,034</u>	<u>266,219</u>	<u>269,808</u>	<u>281,461</u>
Total		<u>\$ 447,709</u>	<u>\$ 454,472</u>	<u>\$ 458,299</u>	<u>\$ 466,101</u>

DEPT. 89 - ADMINISTRATIVE & GENERAL - WASTEWATER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ 1,442	\$ -	\$ 100	\$ 100
2131	Maintenance of Structures	5,039	5,811	7,500	7,500
2133	Maintenance of Equipment	-	7	-	-
2139	Maintenance/Service Contracts	60,054	60,253	69,000	69,000
2164	Profess. Fees - Consulting/Eng.	3,295	2,609	2,000	2,000
2166	Professional Fees - Other	1,073	-	-	-
2190	Communications	6,540	6,896	6,300	6,600
2240	Business Relations	3,000	-	-	-
	<i>Contractual Services Total</i>	<u>80,443</u>	<u>75,576</u>	<u>84,900</u>	<u>85,200</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	4,862	3,749	4,000	4,000
	<i>Commodities Total</i>	<u>4,862</u>	<u>3,749</u>	<u>4,000</u>	<u>4,000</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	8,018	8,018	8,018	8,018
4700	Utility Bad Debt Expense	29,744	18,156	17,600	17,600
	<i>Fixed & Sundry Total</i>	<u>37,762</u>	<u>26,174</u>	<u>25,618</u>	<u>25,618</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	555,204	520,860	484,115	444,946
5723	Interest - Deposits	1,392	2,888	5,000	5,000
5725	Capitalized Interest	(16,404)	(82,684)	-	-
5731	Amortization-Bond Discount	3,796	3,699	3,600	3,499
	<i>Interest Expenses Total</i>	<u>543,988</u>	<u>444,763</u>	<u>492,715</u>	<u>453,445</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	20,370	63,663	-	-
9000	Distribution To City Of Fort Pierce	751,314	817,063	839,996	878,700
9030	Depreciation Expense	22,467	19,343	17,087	17,116
	<i>Miscellaneous Total</i>	<u>794,151</u>	<u>900,069</u>	<u>857,083</u>	<u>895,816</u>
Total		<u>\$ 1,461,206</u>	<u>\$ 1,450,331</u>	<u>\$ 1,464,316</u>	<u>\$ 1,464,079</u>

DEPT. 99 - ADMINISTRATIVE & GENERAL - FPUAnet COMMUNICATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2017	ACTUAL FY 2018	AMENDED BUDGET FY 2019	ORIGINAL BUDGET FY 2020
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	\$ -	\$ -	\$ -	\$ 600
4700	Utility Bad Debt Expense	-	-	-	1,200
	<i>Fixed & Sundry Total</i>	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,800</u>
<u>MISCELLANEOUS</u>					
9000	Distribution To City Of Fort Pierce	-	-	28,199	29,373
	<i>Miscellaneous Total</i>	<u>-</u>	<u>-</u>	<u>28,199</u>	<u>29,373</u>
Total		<u>\$ -</u>	<u>\$ -</u>	<u>\$ 28,199</u>	<u>\$ 31,173</u>



CAPITAL

CAPITAL IMPROVEMENT PLAN FY 2020 – FY 2024

CAPITAL BUDGET FY 2020

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 investment. FPUA's CIP is a planning tool which identifies FPUA's anticipated future capital needs for the upcoming five-year period. The CIP is updated periodically to reflect changes in the plan, such as the addition of new projects or changes in costs, timing of work and sources of funding.

FPUA capitalizes assets with a unit cost of \$5,000 or more and have a useful life of more than three years. Funds for projects planned in later years have not been specifically named due to the uncertainty of dollar amounts and timeframes, but have been identified on the Departmental Budget Requests found in the Capital Improvement Plan FY 2020 – FY 2024 on www.fpua.com.

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

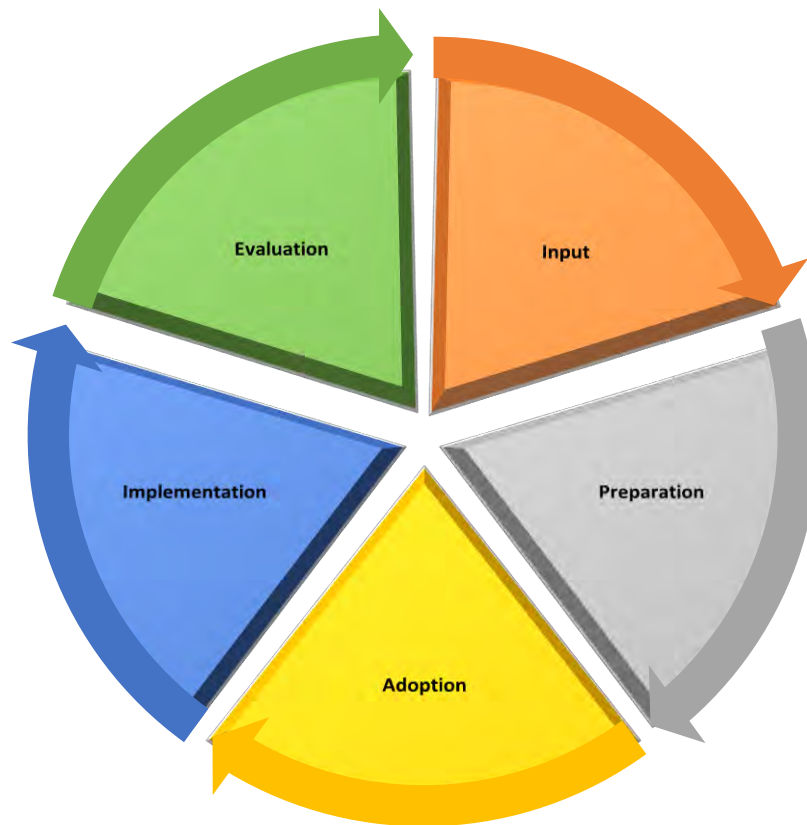
- Fixed Assets
- Vehicles
- Blanket Projects
- Standard Projects

The first year of FPUA's CIP is the Capital Budget for FY 2020. 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.

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 2019 and can be spent in FY 2020. 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.

CIP Process and Timeline

The CIP process for Fiscal Years 2020 – 2024 began in March 2019. 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 17, 2019, FPUA held a public budget workshop, attended by members of FPUA’s Board to discuss both the upcoming O&M and Capital Budget, as well as the CIP for Fiscal Years 2020 – 2024. FPUA’s CIP through FY 2024 and FY 2020 Capital Budget was approved by the Board on June 4, 2019.

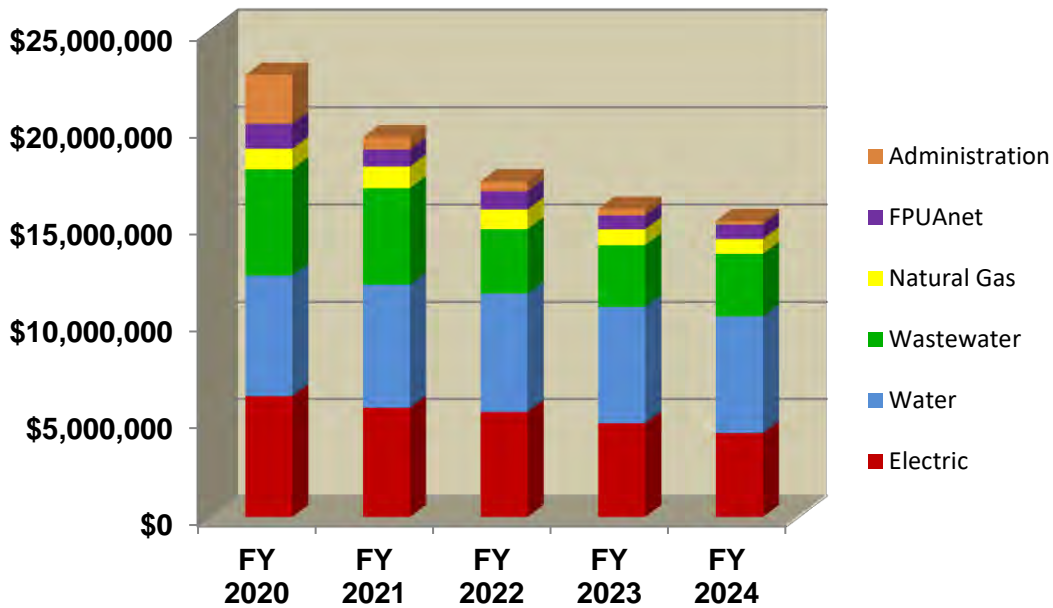


Alignment to Strategic Plan

FPUA’s CIP has been prepared with strategic planning priorities in mind. The proposed CIP mainly targets the strategic goals of Building the Utility/Building the City, Improving Reliability, and Maintaining Competitive Rates. Capital projects, such as the Water Main/Service/Valve Replacement, Wastewater Main Lining and the Electric Storm Hardening, address Reliability and account for 57% of the CIP. Capital projects, such as Advanced Metering Infrastructure (AMI), New Construction and System Expansions, focus on Building the Utility/Building the City and account for 35% of the CIP. Throughout the budget process and evaluation period, the effects on rates is heavily evaluated.

Capital Improvement Program by System

The CIP for FPUA totals \$122,641,458 through fiscal year 2024, which includes previously approved funding of \$31,918,314, and funding of projects for five fiscal years, FY 2020 through FY 2024, in the amount of \$90,723,144. The FY 2020 Capital Budget in the amount of \$22,758,973 includes contingency funding in the amount of \$500,000. The graph and table below show the FY 2020 – FY 2024 CIP by system.



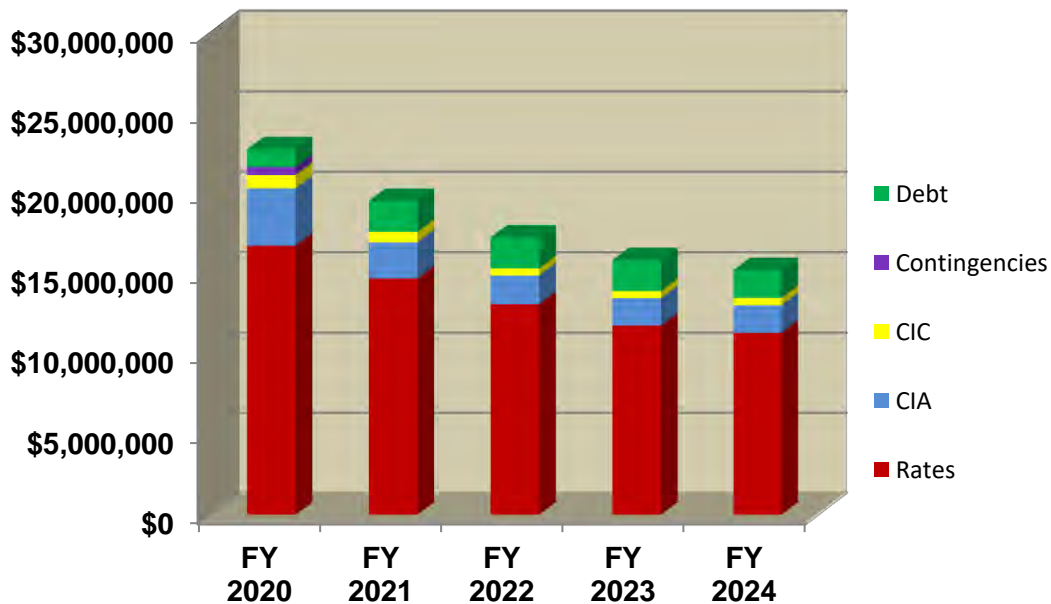
System	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Electric	\$ 6,242,809	\$ 5,645,273	\$ 5,426,000	\$ 4,845,000	\$ 4,334,000
Water	6,212,470	6,342,515	6,102,808	6,006,770	6,023,841
Wastewater	5,452,993	4,950,299	3,305,239	3,161,198	3,209,228
Natural Gas	1,051,000	1,108,500	1,013,000	811,500	760,000
FPUAnet	1,278,000	881,000	936,000	714,000	742,000
Administration	2,521,701	624,000	500,000	337,000	185,000
Grand Total	\$22,758,973	\$19,551,587	\$17,283,047	\$15,875,468	\$15,254,069

Proposed funding of Capital Improvement Program

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 75% of the FY 2020 – FY 2024 CIP. Contributions from outside sources (CIA and CIC) are expected to fund 15% of the FY 2020 - FY 2024 CIP, and FPUA will issue debt to fund 9%, leaving 1% to be funded by contingency. The graph and table below show the projected funding sources by dollar amount for the FY 2020 – FY 2024 CIP of \$90,723,144.



Funding Source	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Rates	\$16,780,120	\$14,741,066	\$13,143,715	\$11,815,863	\$11,360,595
CIA	3,569,140	2,250,241	1,785,480	1,699,520	1,713,560
CIC	814,713	647,880	441,452	447,685	454,514
Contingencies	500,000	-	-	-	-
Debt	1,095,000	1,912,400	1,912,400	1,912,400	1,725,400
Grand Total	\$22,758,973	\$19,551,587	\$17,283,047	\$15,875,468	\$15,254,069

FY 2020 Capital Budget Highlights

FPUA classifies capital projects into two categories, blanket or standard. Blanket projects are on-going projects that will 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, named projects that are specific to a certain area within FPUA's service territory.

The following major standard and blanket projects are proposed in the FY 2020 – FY 2024 Capital Improvement Plan:

Project Name	System(s)	FY 2020	Ranking	Project Total	Ranking
Advanced Metering Infrastructure	E,G,W	\$ 620,000	8	\$ 9,158,500	1
Storm Hardening	Admin, E	933,300	3	5,163,809	2
Water Mains Misc R&R	W	1,000,000	2	5,055,861	3
System Expansion Projects	G,W,WW	925,000	4	5,015,000	4
Wastewater Main Lining	WW	375,000	17	4,210,376	5
Governmental & Other Required	E,G,W,WW	912,000	5	4,040,485	6
Main/Serv/Valve Replacement	W	540,750	11	3,609,591	7
New Construction - Commerical	E	600,000	9	3,346,091	8
IWRF Emergency Standby Gen	WW	-	-	3,214,999	9
City Roadway Projects	W,WW	900,000	6	3,165,000	10
Digiorgio Road Sanitary	WW	1,167,500	1	2,783,461	13
Kings Hwy-Okee Rd to Orange Av	W,WW	675,000	7	2,081,164	18
Lincoln Park	FPUAnet	600,000	10	1,200,000	28

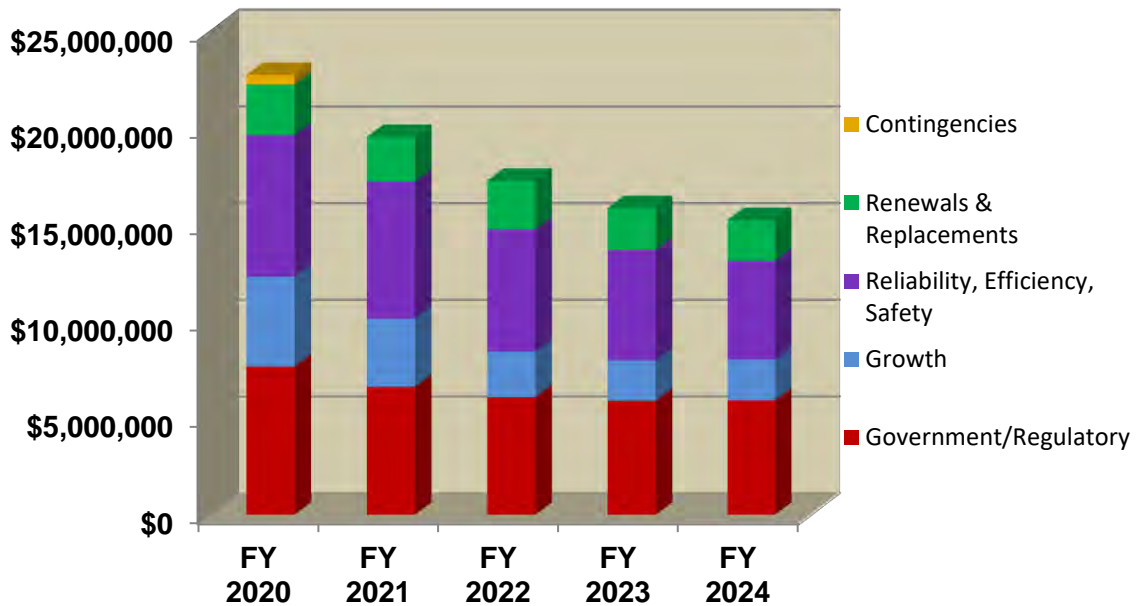
- FPUA will be transitioning from Automated Meter Reading (AMR) meters to Advanced Metering Infrastructure (AMI). AMI provides an essential link between the electric grid, consumers and their loads, generation and storage resources. Implementing AMI is a goal for the key result area, Building the Utility/Building the City, identified in the current Strategic Management Plan. Some of the benefits of AMI are to:
 - Eliminate the need to dispatch trucks or personnel for connecting/disconnecting service. Electric, water and gas service will be able to be disconnected, on demand, from the office.
 - Quickly identify outage areas and get an accurate prediction of the equipment causing difficulties. No longer dependent on phone calls reporting outages. Shorter outages, lower cost to mitigate.
 - Provide customers with real-time data allowing informed, data driven decisions about energy usage. Provide customers payment options, flexible billing schedules and same day service.
 - The cost of transitioning to AMI will be spread over several years, and will be debt-funded. The benefits of transitioning to AMI is expected to greatly exceed the cost of the transition over the life of the meters.

- Hardening of FPUA's Electric transmission and distribution system has been identified in the 2019 Storm Hardening Plan to increase reliability, a key result area in the Strategic Management Plan. Priority has been placed on rebuilding feeders with concrete or ductile iron poles, replacing wire that is not the current standard, constructing feeder interconnections, replacing all non-insulated secondary wire, undergrounding overhead service drops, and strategic undergrounding of distribution lines. Customers or neighborhoods requesting priority or increased reliability can be required to pay CIA. Storm Hardening is a continuous process but the items identified above will be completed over a ten year period.
- In order to work towards the Strategic Goal of Building the Utility/Building the City, Gas, Water and Wastewater have blanket projects specifically for expansion. Extending gas lines into under-served areas of Fort Pierce, including new housing developments and areas where economic development has increased, will be funded by rates. Water and Wastewater expansion projects will be debt funded for the installation of mains, services, and hydrants for existing homeowners.
- 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.
- FPUA is partnering with Allegany Franciscan Ministries, City of Fort Pierce and St. Lucie County on a Smart Community concept to bring internet connectivity to the local community. FPUAnet's pilot area is a section of Lincoln Park including Orange Avenue to Avenue D and 7th Street to N. 25th Street. The goal is to enhance the quality of life in our community by attracting new business and creating jobs.

- 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.

Reasons Capital Projects are Required

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. The graph and table below display the projected amounts by requirement for the FY 2020 – FY 2024 CIP.



Required by	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Government/Regulatory	\$ 7,668,360	\$ 6,618,331	\$ 6,082,376	\$ 5,900,497	\$ 5,921,114
Growth	4,646,530	3,534,610	2,364,589	2,089,679	2,114,936
Reliability, Efficiency, Safety	7,323,583	7,076,646	6,325,082	5,716,292	5,101,019
Renewals & Replacements	2,620,500	2,322,000	2,511,000	2,169,000	2,117,000
Contingencies	500,000	-	-	-	-
Grand Total	\$22,758,973	\$19,551,587	\$17,283,047	\$15,875,468	\$15,254,069

Projects mandated by federal, state, and local government and regulatory agencies represent 35% of the FY 2020 – FY 2024 CIP. The projected costs in the five-year CIP are as follows:

Florida Department of Environmental Protection	\$9,340,000
City of Fort Pierce	8,498,000
Florida Public Service Commission	6,462,000
St Lucie County	3,138,000
National Electric Safety Code	3,000,000
Florida Department of Transportation	1,115,000
SLC Fire District	437,678
Department of Homeland Security and/or North American Electric Reliability Corporation	<u>200,000</u>
Total Government and Regulatory-Required Projects	<u>\$32,190,678</u>

Impact on Operating Budget

Capital projects may or may not have an ongoing financial impact on FPUA's operating budget. For the FY 2020 Capital Budget, the annual impact on O&M costs is one of the criteria that is used to assess and evaluate capital projects. Known and quantifiable operating impacts can be classified into one of the following results:

- Increase Revenue
- Cost Savings
- Decrease Revenue
- Increase Expense
- No impact on O&M Budget

Purchasing replacement vehicles will result in cost savings per vehicle because of the anticipated reduction in maintenance costs. The proposed vehicle purchases for FY 2020 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 account for 37% of the FY 2020 Capital Budget. The table summarizes the projected annual impact on FPUA's operating budget:

Project Name	System(s)	FY 2020	Annual Impact on O&M
Digiorgio Road Sanitary	WW	\$ 1,167,500	Increased Revenue > \$25,000
Water Mains Misc R&R	W	1,000,000	Cost Savings > \$25,000
Storm Hardening	Admin, E	933,300	Cost Savings < \$25,000
System Expansion Projects	G,W,WW	925,000	Increased Revenue > \$25,000
Governmental & Other Required	E	450,000	Increased Revenue > \$25,000
Governmental & Other Required	G	152,000	No impact on O&M Budget
Governmental & Other Required	W	110,000	Cost Savings > \$25,000
Governmental & Other Required	WW	200,000	No impact on O&M Budget
City Roadway Projects	W,WW	900,000	Cost Savings > \$25,000
Kings Hwy-Okee Rd to Orange Av	W,WW	675,000	No impact on O&M Budget
Advanced Metering Infrastructure	E,G,W	620,000	No impact on O&M budget in FY 2020. Anticipated decrease in expenses as deployment progresses.
New Construction - Commercial	E	600,000	Increased Revenue > \$25,000
Lincoln Park	FPUAnet	600,000	Increased Revenue > \$25,000

It is estimated that 27% of the FY 2020 Capital Projects are estimated to result in O&M cost savings of greater than \$25,000, 26% will have no impact on the O&M budget, and 25% will result in increased revenues greater than \$25,000 in the upcoming year. The table below shows the impact to operating budget by percentage for the FY 2020 Capital Budget, excluding Fixed Assets.

Impact to Operating Budget	% of FY 2020 Capital Budget
Cost Savings < \$25,000 annually	13%
Cost Savings > \$25,000 annually	27%
Increase Expenses < \$25,000 annually	2%
Increase Expenses > \$25,000 annually	1%
Increase Revenue < \$25,000 annually	6%
Increase Revenue > \$25,000 annually	25%
No impact on O&M Budget	26%
	<u>100%</u>

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 2020 Capital Budget.

Description	Qty	FY 2020
ITS Vehicle Replacement	1	\$30,000
Administration Total		30,000
48 Foot Material Handlers	2	350,000
1 Ton 4 x 4 Diesel Dump Truck	1	55,000
8 x 20 Foot Enclosed Utility Trailer	1	9,500
Small Pickup Truck	1	29,632
Electric Total		444,132
3/4 Ton Service Trucks	2	110,000
1/2 Ton 4X4 4 Door Pickup Truck	1	50,000
Water Total		160,000
1 Ton CNG Commercial Cutaway Service Van	1	55,000
Gas Total		55,000
Golf Cart	1	10,000
1/2 Ton Pickup Truck Super Cab	1	35,000
Boom truck	1	100,000
Wastewater Total		<u>145,000</u>
Vehicles – FY 2020 Capital Budget		<u>\$834,132</u>

Summary

The projects presented in the FY 2020 – FY 2024 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 144 through 150. These comprehensive and detailed requests include project descriptions, annual budgeted costs, impacts to operating budget, alignment to strategic plan, and anticipated completion dates on each capital cost in FPUA's CIP, found under Financial Reports on www.fpua.com.

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2020-24	PROJECT TOTAL
						through 9/30/2018	through 5/20/2019	FY 2019 Budget							
22 Materials Management															
22	FA-1	PolarTek Dual A/C Machine	FA	Rates	439420001	-	-	-	18,800	-	-	-	-	18,800	18,800
22	FA-2	3/4 Ton Pickup Truck	FA	Rates	Vehicles	-	-	-	-	44,000	-	-	-	44,000	44,000
22	FA-3	Crown Stand up Fork Lift	FA	Rates		-	-	-	-	-	-	42,000	-	42,000	42,000
TOTAL						-	-	-	18,800	44,000	-	42,000	-	104,800	104,800
32 Information Technology Services															
32	FA-1	Dept. Hardware & Software	FA	Rates	439920001	-	114,210	15,790	395,000	100,000	100,000	100,000	100,000	795,000	925,000
32	FA-2	Servers	FA	Rates	439920002	-	24,139	5,861	74,000	30,000	50,000	30,000	50,000	234,000	264,000
32	FA-3	Great Plains/Cogsdale	FA	Rates	439920003	-	-	-	117,000	15,000	-	15,000	-	147,000	147,000
32	FA-4	Communication	FA	Rates	439920004	-	-	-	100,000	35,000	35,000	50,000	35,000	255,000	255,000
32	FA-5	Vehicle Replacement	FA	Rates	Vehicles	-	-	-	30,000	-	-	-	-	30,000	30,000
32	FA-6	Telephony	FA	Rates		-	-	-	-	-	65,000	-	-	65,000	65,000
32		Cash Balancing Machine	FA	Rates	439819006	-	-	39,760	-	-	-	-	-	-	39,760
32		Forms Package	FA	Rates	439919007	-	-	45,500	-	-	-	-	-	-	45,500
32		Mobile Workorder	FA	Rates	439919008	-	-	43,440	-	-	-	-	-	-	43,440
32	1	Security System	FA	Rates	402	54,400	53,500	37,300	100,000	100,000	-	-	-	200,000	345,200
32	2	Key Card System	STD	Rates	450	-	-	-	343,601	-	-	-	-	343,601	343,601
TOTAL						54,400	191,849	187,651	1,159,601	280,000	250,000	195,000	185,000	2,069,601	2,503,501
35 Facilities															
35		HVAC Replace - 500 Boston Ave	FA	Rates	439019004	-	-	59,350	-	-	-	-	-	-	59,350
35	FA-1	ESC Fire Panel Replacement	FA	Rates	439020006	-	-	-	30,000	-	-	-	-	30,000	30,000
35	FA-2	ESC Building Management System	FA	Rates	439020007	-	-	-	75,000	-	-	-	-	75,000	75,000
35	FA-3	HVAC Replacement - Admin	FA	Rates	439020008	-	-	-	25,000	-	-	-	-	25,000	25,000
35	FA-4	Electrical Panel Replacement	FA	Rates	439020009	-	-	-	40,000	-	-	-	-	40,000	40,000
35	FA-5	Ice machines	FA	Rates	639820003	-	-	-	10,000	-	-	-	-	10,000	10,000
35	FA-6	HVAC Systems	FA	Rates	837120001	-	-	-	25,000	-	-	-	-	25,000	25,000
35	1	Admin-Annex Exterior Remodel	STD	Rates	455	-	21,000	6,250	325,000	150,000	-	-	-	475,000	502,250
35	2	ESC Storm Hardening	STD	Rates	457	-	-	-	313,300	150,000	250,000	100,000	-	813,300	813,300
TOTAL						-	21,000	65,600	843,300	300,000	250,000	100,000	-	1,493,300	1,579,900
54 Electric Transmission & Distribution															
54	FA-1	(2) 48 Foot material Handlers	FA	Rates	Vehicles	-	-	-	350,000	-	-	-	-	350,000	350,000
54	FA-2	1 Ton 4x4 Diesel Dump Truck	FA	Rates	Vehicles	-	-	-	55,000	-	-	-	-	55,000	55,000
54	FA-3	55 foot Material Handler	FA	Rates	Vehicles	-	-	275,000	-	310,000	-	-	-	310,000	585,000
54	FA-4	3/4 ton Crew Cab Diesel Pickup	FA	Rates	Vehicles	-	-	-	-	55,000	55,000	-	-	110,000	110,000
54	FA-5	8x20 Ft Enclosed Utility Trailer	FA	Rates	Vehicles	-	-	-	9,500	-	-	-	-	9,500	9,500
54	FA-6	110 ft. Material Handler	FA	Rates	Vehicles	-	-	-	-	-	410,000	-	-	410,000	410,000
54	FA-7	3/4 Ton 4x4 Pickup	FA	Rates	Vehicles	-	-	-	-	55,000	-	-	-	55,000	55,000
54	1	Retirement from Plant	BLKT	Rates	501	21,467	26,552	99,948	125,000	125,000	125,000	125,000	125,000	625,000	772,967
54	2	Transformer Replacement	BLKT	Rates	504	5,328	23,362	13,638	100,000	100,000	100,000	100,000	100,000	500,000	542,328
54	3	Distribution Pole Replacement	BLKT	Rates	505	270,090	321,026	48,655	350,000	360,000	370,000	380,000	390,000	1,850,000	2,489,771
54	4	Transmission Pole Replacement	BLKT	Rates	507	-	-	5,000	20,000	25,000	25,000	25,000	25,000	120,000	125,000
54	5	Substation Improvements R&R	BLKT	Rates	511	1,768	24,477	31,143	57,000	59,000	61,000	63,000	64,000	304,000	361,388
54	6	Trans & Dist Improvements	BLKT	Rates	515	398,509	182,115	32,586	480,000	490,000	508,000	525,000	525,000	2,528,000	3,141,210
TOTAL						697,162	577,532	505,970	1,546,500	1,579,000	1,654,000	1,218,000	1,229,000	7,226,500	9,007,164

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2020-24	PROJECT TOTAL
						through 9/30/2018	through 5/20/2019	FY 2019 Budget							
55 Electric Operations															
55		Small Pickup Truck MIR's	FA	Rates	539219004	-	-	30,910	-	-	-	-	-	-	30,910
55	FA-1	2020 Van	FA	Rates	Vehicles	-	-	-	-	49,273	-	-	-	49,273	49,273
55	FA-2	Small Pick-up Truck	FA	Rates	Vehicles	-	-	-	29,632	30,000	30,000	30,000	30,000	149,632	149,632
55	FA-3	System Ops. Console Upgrade	FA	Rates	539120005	-	-	20,000	40,000	-	-	-	-	40,000	60,000
55	FA-4	12 Position Meter Test Board	FA	Rates	537020007	-	-	-	13,177	-	-	-	-	13,177	13,177
55	FA-5	Power Quality Recording Meter	FA	Rates	537020008	-	-	-	8,500	-	-	-	-	8,500	8,500
55	1	Advanced Metering Infrastructure	STD	Rates	523	-	61,988	1,938,012	250,000	250,000	250,000	250,000	250,000	1,250,000	3,250,000
55	1	Advanced Metering Infrastructure	STD	Debt	523	-	-	975,900	250,000	250,000	250,000	250,000	250,000	1,250,000	2,225,900
TOTAL						-	61,988	2,964,822	591,309	579,273	530,000	530,000	530,000	2,760,582	5,787,392
56-E Electric & Gas Engineering - Electric															
56-E		1/2 Ton Pickup	FA	Rates	539219006	-	-	48,000	-	-	-	-	-	-	48,000
56-E	1	Auto Reclure Reliab Imprmnts	BLKT	Rates	503	72,580	-	74,000	80,000	80,000	80,000	80,000	140,000	460,000	606,580
56-E	2	New Construction - Line Ext	BLKT	Rates	506	800	17,254	1,746	10,000	10,000	10,000	10,000	10,000	50,000	69,800
56-E	3	Storm Hardening – NESC Rates	BLKT	Rates	508	52,155	15,979	59,021	500,000	500,000	500,000	500,000	500,000	2,500,000	2,627,155
56-E	4	69KV Breaker Replacement	BLKT	Rates	509	-	-	100,000	140,000	90,000	90,000	90,000	-	410,000	510,000
56-E	5	Electric Sys VAR Control Expan	BLKT	Rates	510	-	-	-	100,000	100,000	100,000	100,000	100,000	500,000	500,000
56-E	6	Gov't & Other Required Rates	BLKT	Rates	512	1,820	308	9,792	150,000	150,000	150,000	150,000	150,000	750,000	761,920
56-E	7	New Construction-Residential	BLKT	Rates	516	44,607	10,602	44,898	15,000	15,000	15,000	15,000	15,000	75,000	175,107
56-E		Replacement of OH & UG Lines	BLKT	Rates	517	4,129	-	-	-	-	-	-	-	-	4,129
56-E	8	New Construction-Comm Rates	BLKT	Rates	518	64,902	29,666	16,777	300,000	300,000	300,000	300,000	300,000	1,500,000	1,611,345
56-E	9	New Construction-Rental Lights	BLKT	Rates	519	32,943	4,486	15,514	40,000	40,000	40,000	40,000	40,000	200,000	252,943
56-E	10	Storm Hardening – NESC CIA	BLKT	CIA	520	-	497	(467)	120,000	120,000	120,000	120,000	120,000	600,000	600,030
56-E	11	LED - Rental Light Repl	BLKT	Rates	522	-	11,731	270,269	432,000	432,000	432,000	432,000	-	1,728,000	2,010,000
56-E	12	Gov't & Other Required CIA	BLKT	CIA	524	58,831	9,973	260,065	300,000	300,000	300,000	300,000	300,000	1,500,000	1,828,869
56-E	13	New Construction-Comm CIA	BLKT	CIA	525	137,917	63,039	33,790	300,000	300,000	300,000	300,000	300,000	1,500,000	1,734,746
56-E	14	Distributed Energy Resources	STD	Rates	529	-	-	-	50,000	-	-	-	-	50,000	50,000
56-E	15	17th St - Orange Ave to Ave D	STD	Rates	533	-	-	1,836	200,000	30,000	-	-	-	230,000	231,836
56-E	16	Substation Regulators	STD	Rates	534	109,966	1,339	133,661	160,000	160,000	160,000	160,000	-	640,000	884,966
56-E		1000 Harbor Street	STD	Rates	540	-	-	52,000	-	-	-	-	-	-	52,000
56-E	17	Causeway Sub Reliability	STD	Rates	545	-	-	-	70,000	-	-	-	100,000	170,000	170,000
56-E		S 7th Street Road Project	STD	Rates	547	-	23,953	63,447	-	-	-	-	-	-	87,400
56-E		FP Marina Xfrmr Rplmt	STD	Rates	553	-	-	33,000	-	-	-	-	-	-	33,000
56-E		SLC Airport Hangar	STD	Rates	554	-	-	44,653	-	-	-	-	-	-	44,653
56-E		Sedona Phase 1 PUD	STD	Rates	556	9,980	52,521	57,541	-	-	-	-	-	-	120,042
56-E		US Hwy 1 - Midway to Edwards	STD	Rates	558	44,148	-	6,735	-	-	-	-	-	-	50,883
56-E	18	Totten/Hartman Improvements	STD	Rates	559	2,618	-	10,000	60,000	-	-	-	-	60,000	72,618
56-E	19	St Lucie Village - Convert to UG	STD	Rates	560	-	-	43,112	122,500	100,000	-	-	-	222,500	265,612
56-E	19	St Lucie Village - Convert to UG	STD	CIA	560	-	-	-	57,500	-	-	-	-	57,500	57,500
56-E		Tall Pines - OH to UG	STD	Rates	561	-	-	145,000	-	-	-	-	-	-	145,000
56-E		Ocean Village Cable Replcmnt	STD	Rates	563	517,479	7,379	109,121	-	-	-	-	-	-	633,979
56-E		Crabby's Dockside	STD	Rates	565	-	-	16,000	-	-	-	-	-	-	16,000
56-E		Crabby's Dockside	STD	CIA	565	-	-	970	-	-	-	-	-	-	970
56-E	20	Carriage Pointe	STD	Rates	566	-	-	154,000	108,000	-	-	-	-	108,000	262,000
56-E	20	Carriage Pointe	STD	CIA	566	-	-	54,970	-	-	-	-	-	-	54,970
56-E		Celebration Point Phase 1 PUD	STD	Rates	571	21,893	67,216	24,478	-	-	-	-	-	-	113,587

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2020-24	PROJECT TOTAL
						through 9/30/2018	through 5/20/2019	FY 2019 Budget							
56-E	21	Harbor Branch Reliability Impro	STD	Rates	576	-	-	2,000	140,000	160,000	145,000	-	-	445,000	447,000
56-E	22	Substation Transformer Replace	STD	Rates	594	-	-	21,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,521,000
56-E	23	Fisherman's Wharf	STD	Rates	595	-	-	7,900	150,000	100,000	-	-	-	250,000	257,900
TOTAL						1,176,768	315,943	1,914,829	4,105,000	3,487,000	3,242,000	3,097,000	2,575,000	16,506,000	19,913,540
62	Water Resources														
62	FA-1	Submersible Well Pumps	FA	Rates	632520001	-	11,198	3,802	15,000	15,000	15,000	15,000	15,000	75,000	90,000
62	FA-2	Submersible Electric Motors	FA	Rates	632520002	-	-	12,000	12,000	12,000	12,000	12,000	12,000	60,000	72,000
62	FA-3	Telemetry/Cont/Secur/Instr	FA	Rates	633220004	-	-	-	25,000	25,000	25,000	25,000	25,000	125,000	125,000
62	FA-4	RO Process Building Roof	FA	Rates	633120005	-	-	-	170,000	-	-	-	-	170,000	170,000
62	FA-5	RO Chemical Building Roof	FA	Rates	633120006	-	-	-	70,000	-	-	-	-	70,000	70,000
62	FA-6	Dryer Building Roof	FA	Rates	633120007	-	-	-	25,000	-	-	-	-	25,000	25,000
62	FA-7	Spare RO Transfer Pump	FA	Rates		-	-	-	-	60,000	-	-	-	60,000	60,000
62	1	Raw Water Mains R&R	BLKT	Rates	618	-	440	9,560	10,000	10,000	10,000	10,000	10,000	50,000	60,000
62	2	Stripping Tower Xfer Pumps	STD	Rates	634	-	-	170,000	-	350,000	-	-	-	350,000	520,000
62	3	Savannah Repump Rehab	STD	Rates	644	205,525	103,593	667,881	200,000	-	-	-	-	200,000	1,176,999
62	4	Dryer Building Reutilization	STD	Rates	680	5,750	-	129,250	100,000	-	-	-	-	100,000	235,000
62	5	HSP #2 Replacement	STD	Rates	683	-	-	-	360,000	-	-	-	-	360,000	360,000
62	6	Lime Soft Unit #1 Reconfig	STD	Rates	688	-	-	-	365,000	365,000	-	-	-	730,000	730,000
62	7	1.5 MG Ground Storage Tank	STD	Rates		-	-	-	-	150,000	-	-	-	150,000	150,000
62	8	Recovery Ponds	STD	Rates		-	-	-	-	300,000	-	-	-	300,000	300,000
62	9	RO Clearwell Reconfig	STD	Rates		-	-	-	-	-	300,000	-	-	300,000	300,000
62	10	Lime Stripping Tower Generator	STD	Rates		-	-	-	-	-	600,000	-	-	600,000	600,000
62	11	WTP Control Room Rehab	STD	Rates		-	-	-	-	-	-	150,000	-	150,000	150,000
62	12	Dryer Building MCC	STD	Rates		-	-	-	-	-	-	300,000	-	300,000	300,000
62	13	Lime Stripping Towers Rehab	STD	Rates		-	-	-	-	-	-	200,000	200,000	400,000	400,000
62	14	3 MG Ground Storage Tank	STD	Rates		-	-	-	-	-	-	-	200,000	200,000	200,000
62	15	WTP Fencing	STD	Rates		-	-	-	-	-	-	-	150,000	150,000	150,000
TOTAL						211,275	115,231	992,493	1,352,000	1,287,000	962,000	712,000	612,000	4,925,000	6,243,999
64	Water Distribution														
64		Small Boom Truck	FA	Rates	Vehicles	-	-	78,427	-	-	-	-	-	-	78,427
64	FA-1	3/4 Ton Service Trucks	FA	Rates	Vehicles	-	-	-	110,000	-	-	-	-	110,000	110,000
64	FA-2	1/2 Ton 4DR 4WD Pickup Truck	FA	Rates	Vehicles	-	-	-	50,000	-	-	-	-	50,000	50,000
64	FA-3	SUV 4 Dr 4 WD	FA	Rates	Vehicles	-	-	-	-	35,000	-	-	-	35,000	35,000
64	FA-4	Intelligent Flushing Station	FA	Rates	634320003	-	-	-	44,000	-	-	-	-	44,000	44,000
64	FA-5	Various vehicles for FY 2021-2024	FA	Rates	Vehicles	-	-	-	-	132,000	211,000	374,000	288,000	1,005,000	1,005,000
64	FA-6	Various FA for FY 2021-2024	FA	Rates		-	-	-	-	21,000	36,000	-	75,000	132,000	132,000
64	1	Meter/Backflow Preventers	BLKT	CIA	603	160,936	68,010	116,990	185,000	185,000	185,000	185,000	185,000	925,000	1,270,936
64	2	Fire Hydrant Replacements	BLKT	Rates	606	65,350	30,306	44,694	70,000	72,100	74,263	76,491	78,786	371,640	511,990
64	3	Meter Changeouts	BLKT	Rates	612	191,523	48,385	161,615	200,000	-	-	-	200,000	400,000	801,523
64	4	Main/Serv/Valve Replacement	BLKT	Rates	615	234,375	116,365	387,935	540,750	556,973	573,682	590,892	608,619	2,870,916	3,609,591
64	5	Advanced Metering Infrastructure	STD	Debt	623	-	-	-	100,000	850,400	850,400	850,400	750,400	3,401,600	3,401,600
TOTAL						652,184	263,066	789,661	1,299,750	1,852,473	1,930,345	2,076,783	2,185,805	9,345,156	11,050,067

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2020-24	PROJECT TOTAL
						through 9/30/2018	through 5/20/2019	FY 2019 Budget							
66-W Water Engineering															
66-W		1/2 Ton 4x4 Pickup Truck	FA	Rates	Vehicles	-	-	23,500	-	-	-	-	-	-	23,500
66-W	1	Surficial Well Replacement	BLKT	Rates	602	-	-	-	-	286,000	289,250	292,500	295,750	1,163,500	1,163,500
66-W	1	Surficial Well Replacement	BLKT	CIC	602	-	-	-	-	154,000	155,750	157,500	159,250	626,500	626,500
66-W	2	Fire Hydrant New Installations	BLKT	CIC	607	2,418	1,551	10,809	12,360	12,731	13,113	13,506	14,328	66,038	80,816
66-W	3	City Roadway Projects	BLKT	Rates	608	-	-	40,000	450,000	300,000	300,000	300,000	300,000	1,650,000	1,690,000
66-W	4	Miscellaneous MSBU	BLKT	CIA	609	-	-	-	280,000	280,000	280,000	280,000	280,000	1,400,000	1,400,000
66-W	4	Miscellaneous MSBU	BLKT	CIC	609	-	-	-	70,000	70,000	70,000	70,000	70,000	350,000	350,000
66-W	5	New Construction-Mains	BLKT	CIC	610	-	-	971	43,360	45,311	47,350	49,481	51,708	237,210	238,181
66-W	6	New Construction-Custmr Funded	BLKT	CIA	611	-	-	25,000	50,000	50,000	50,000	50,000	50,000	250,000	275,000
66-W	7	St Lucie County Roadway Proj	BLKT	Rates	613	-	-	90,000	100,000	100,000	100,000	100,000	100,000	500,000	590,000
66-W	8	Customer Base Expansion Projects	BLKT	Debt	614	-	1,009	138,991	525,000	525,000	525,000	525,000	525,000	2,625,000	2,765,000
66-W	9	Water Main Looping	BLKT	CIC	616	-	-	107,000	110,000	110,000	110,000	110,000	110,000	550,000	657,000
66-W	10	Water Mains Misc R&R	BLKT	Rates	617	1,361	3,029	51,471	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	5,055,861
66-W	11	Governmental & Other Required	BLKT	Rates	620	4,722	-	60,000	110,000	110,000	110,000	110,000	110,000	550,000	614,722
66-W		Edwards Rd Water/Wastewater	STD	Rates	631	-	-	385,000	-	-	-	-	-	-	385,000
66-W		17th St - Orange Ave to Ave D	STD	Rates	635	-	-	300,000	-	-	-	-	-	-	300,000
66-W	12	Subaqueous Mains Stabilization	STD	Rates	639	-	-	-	160,000	160,000	160,000	160,000	160,000	800,000	800,000
66-W		WM Loop East of Selvitz	STD	CIC	652	544	-	13,000	-	-	-	-	-	-	13,544
66-W		US Hwy 1 - Midway to Edwards	STD	Rates	658	381,113	7,075	19,476	-	-	-	-	-	-	407,664
66-W		Mura MSBU	STD	CIA	659	-	1,689	438,311	-	-	-	-	-	-	440,000
66-W		Mura MSBU	STD	CIC	659	-	138	35,862	-	-	-	-	-	-	36,000
66-W		Camping World/Gander Outdoors	STD	CIC	669	-	-	27,029	-	-	-	-	-	-	27,029
66-W		Orange Blossom Estates W.M.	STD	Rates	671	-	656	49,344	-	-	-	-	-	-	50,000
66-W		North 8th St - Orange Ave	STD	Rates	681	-	-	550,000	-	-	-	-	-	-	550,000
66-W		Midway Road - US 1 to 25th St.	STD	Rates	684	523,943	31,911	111,417	-	-	-	-	-	-	667,271
66-W	13	Lawnwood Well_Field Generator	STD	CIC	685	-	-	50,000	100,000	-	-	-	-	100,000	150,000
66-W		Midway Road - Elm Ave to 25th	STD	CIC	686	568,023	33,071	433,023	-	-	-	-	-	-	1,034,117
66-W	14	Kings Hwy-Okee Rd to Orange Av	STD	CIA	690	295	293	49,707	200,000	-	-	-	-	200,000	250,295
66-W	14	Kings Hwy-Okee Rd to Orange Av	STD	CIC	690	5,610	5,038	854,955	200,000	-	-	-	-	200,000	1,065,603
66-W	15	WTP Surface/Drainage Imp.	STD	CIC	693	-	-	-	150,000	-	-	-	-	150,000	150,000
66-W		Fisherman's Wharf	STD	Rates	695	6,869	-	43,131	-	-	-	-	-	-	50,000
TOTAL						1,494,898	85,460	3,907,997	3,560,720	3,203,042	3,210,463	3,217,987	3,226,036	16,418,248	21,906,603
56-G Electric & Gas Engineering - Gas															
56-G	1	Gas System Expansion	BLKT	Rates	714	-	-	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000	1,200,000
56-G	2	Kings Hwy-Okee Rd to Angle Rd	STD	Rates	726	-	-	170,500	40,000	200,000	200,000	-	-	440,000	610,500
56-G	3	17th St - Orange Ave to Ave D	STD	Rates	733	-	-	-	72,000	10,000	-	-	-	82,000	82,000
56-G		SCADA Monitoring	STD	Rates	734	172,018	7,329	44,959	-	-	-	-	-	-	224,306
56-G		Waste Pro Loop	STD	Rates	746	-	-	50,000	-	-	-	-	-	-	50,000
56-G		US Hwy 1 - Midway to Edwards	STD	Rates	758	140,418	-	1,744	-	-	-	-	-	-	142,162
56-G		Midway Road - US 1 to 25th St.	STD	Rates	784	42,664	-	15,135	-	-	-	-	-	-	57,799
56-G	4	Fisherman's Wharf	STD	Rates	795	-	-	-	23,000	65,000	-	-	-	88,000	88,000
TOTAL						355,100	7,329	482,338	335,000	475,000	400,000	200,000	200,000	1,610,000	2,454,767
74 Gas Operations															
74		2018 Ford Econoline E-350 CNG	STD	Rates	739219003	-	-	52,877	-	-	-	-	-	-	52,877
74		Medium Size SUV	FA	Rates	739219001	-	-	50,000	-	-	-	-	-	-	50,000
74	FA-1	Vans, Pickups, SUV's	FA	Rates	Vehicles	-	-	-	55,000	65,000	35,000	25,000	50,000	230,000	230,000

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2020-24	PROJECT TOTAL
						through 9/30/2018	through 5/20/2019	FY 2019 Budget							
74	FA-2	Smart-Cal Auto Cal Station	FA	Rates	739620002	-	-	-	8,000	-	-	-	-	8,000	8,000
74	FA-3	Vehicle Methane Detector	FA	Rates	739620003	-	-	-	29,000	-	-	-	-	29,000	29,000
74	1	Gas System Renewals	BLKT	Rates	704	918	22,626	14,874	18,000	18,500	19,000	19,500	20,000	95,000	133,418
74	2	Gas System New Revenue	BLKT	Rates	705	90,657	54,999	27,001	85,000	88,000	91,000	94,000	97,000	455,000	627,657
74	2	Gas System New Revenue	BLKT	CIA	705	25,570	15,513	9,487	25,000	25,000	25,000	25,000	25,000	125,000	175,570
74	3	Meter & Regulator Changeouts	BLKT	Rates	706	66,243	65,814	53,186	104,000	110,000	113,000	115,000	118,000	560,000	745,243
74	4	Excess Flow Valves (EFV's)	BLKT	CIA	707	-	-	10,000	10,000	10,000	10,000	10,000	10,000	50,000	60,000
74	5	Valve Installation/Replacements	BLKT	Rates	708	-	-	25,000	25,000	25,000	25,000	25,000	25,000	125,000	150,000
74	6	Customer Funded Projects	BLKT	CIA	710	1,508	529	49,471	50,000	50,000	50,000	50,000	50,000	250,000	301,508
74	7	Governmental & Other Required	BLKT	Rates	720	31,853	4,050	19,543	127,000	130,000	133,000	136,000	140,000	666,000	721,446
74	7	Governmental & Other Required	BLKT	CIA	720	6,067	772	24,228	25,000	25,000	25,000	25,000	25,000	125,000	156,067
74	8	Advanced Metering Infrastructure	STD	Debt	723	-	-	-	20,000	87,000	87,000	87,000	-	281,000	281,000
74	9	CNG Filling Station Upgrade	STD	Rates	740	-	-	135,000	135,000	-	-	-	-	135,000	270,000
TOTAL						222,816	164,303	470,667	716,000	633,500	613,000	611,500	560,000	3,134,000	3,991,786
66-WW Wastewater Engineering															
66-WW		1/2 Ton 4x4 Pickup Truck	FA	Rates	Vehicles	-	-	23,500	-	-	-	-	-	-	23,500
66-WW	1	City Roadway Projects	BLKT	Rates	808	-	-	125,000	450,000	225,000	225,000	225,000	225,000	1,350,000	1,475,000
66-WW	2	New Construction-Mains	BLKT	CIC	810	545	-	40,000	41,493	43,338	45,239	47,198	49,228	226,496	267,041
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	-	-	149,000	100,000	100,000	100,000	100,000	100,000	500,000	649,000
66-WW	5	Customer Base Expansion Projects	BLKT	Debt	814	-	250	49,750	200,000	200,000	200,000	200,000	200,000	1,000,000	1,050,000
66-WW	6	Wastewater Main Misc. R&R	BLKT	Rates	817	6,165	744	295,256	500,000	500,000	500,000	500,000	500,000	2,500,000	2,802,165
66-WW	7	Sewer Lining Projects	BLKT	Rates	818	-	-	125,000	125,000	125,000	125,000	125,000	125,000	625,000	750,000
66-WW	8	Developer Contributions	BLKT	CIA	819	-	-	250,000	100,000	-	-	-	-	100,000	350,000
66-WW	9	Governmental & Other Required	BLKT	Rates	820	4,485	18,261	561	200,000	200,000	200,000	200,000	200,000	1,000,000	1,023,307
66-WW		7th Street - 10th to Wendell	STD	Rates	830	-	-	200,000	-	-	-	-	-	-	200,000
66-WW		Edwards Rd Water/Wastewater	STD	Rates	831	-	-	150,000	-	-	-	-	-	-	150,000
66-WW		IWRF Diffuser Reconstruction	STD	Rates	832	-	13,508	286,492	-	-	-	-	-	-	300,000
66-WW		LS E Pump/Electric Upgrades	STD	Rates	834	80,789	48,515	1,349,541	-	-	-	-	-	-	1,478,845
66-WW		16-Inch Force Main Orange Ave.	STD	CIC	835	35,187	60,442	1,604,370	-	-	-	-	-	-	1,699,999
66-WW		IWRF Emergency Standby Gen	STD	Rates	838	629,497	596,830	1,988,672	-	-	-	-	-	-	3,214,999
66-WW	10	Subaqueous Mains Stabilization	STD	Rates	839	-	-	-	160,000	160,000	160,000	160,000	160,000	800,000	800,000
66-WW	11	Digiorgio Road Sanitary	STD	CIA	840	14,520	2,014	357,466	1,080,000	479,461	-	-	-	1,559,461	1,933,461
66-WW	11	Digiorgio Road Sanitary	STD	CIC	840	-	3,082	546,918	87,500	212,500	-	-	-	300,000	850,000
66-WW		US Hwy 1 - Midway to Edwards	STD	Rates	858	105,163	8,620	11,380	-	-	-	-	-	-	125,163
66-WW		17th St - Orange Ave to Ave D	STD	Rates	863	-	-	350,000	-	-	-	-	-	-	350,000
66-WW		Midway Road - US 1 to 25th St.	STD	Rates	884	29,339	1,817	13,879	-	-	-	-	-	-	45,035
66-WW		Midway Road - Elm Ave to 25th	STD	Rates	886	8,400	417	61,013	-	-	-	-	-	-	69,830
66-WW	12	Kings Hwy-Okee Rd to Orange Av	STD	Rates	890	1,798	1,782	173,168	194,000	-	-	-	-	194,000	370,748
66-WW	12	Kings Hwy-Okee Rd to Orange Av	STD	CIA	890	-	-	-	81,000	-	-	-	-	81,000	81,000
66-WW	12	Kings Hwy-Okee Rd to Orange Av	STD	CIC	890	2,991	3,164	307,363	-	-	-	-	-	-	313,518
66-WW	13	Downtown 16" FM on Ave C	STD	Rates	893	-	-	-	500,000	500,000	-	-	-	1,000,000	1,000,000
66-WW		Fisherman's Wharf	STD	Rates	895	3,809	-	97,330	-	-	-	-	-	-	101,139
66-WW	14	MWRF Relocation Study	STD	Rates	896	-	-	50,000	50,000	-	-	-	-	50,000	100,000
TOTAL						922,688	759,446	8,655,659	3,918,993	2,795,299	1,605,239	1,607,198	1,609,228	11,535,957	21,873,750

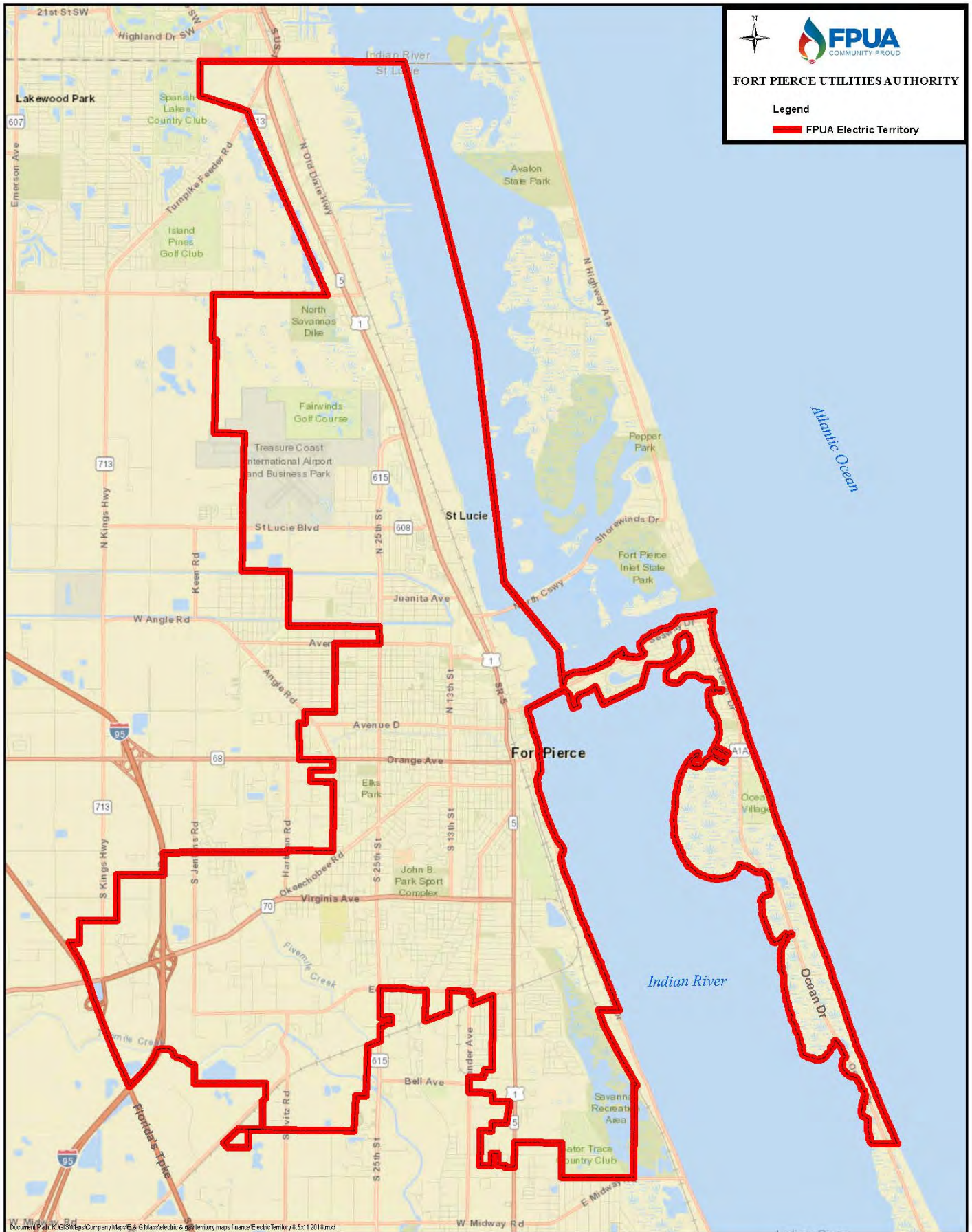
CAPITAL IMPROVEMENT PLAN SUMMARY

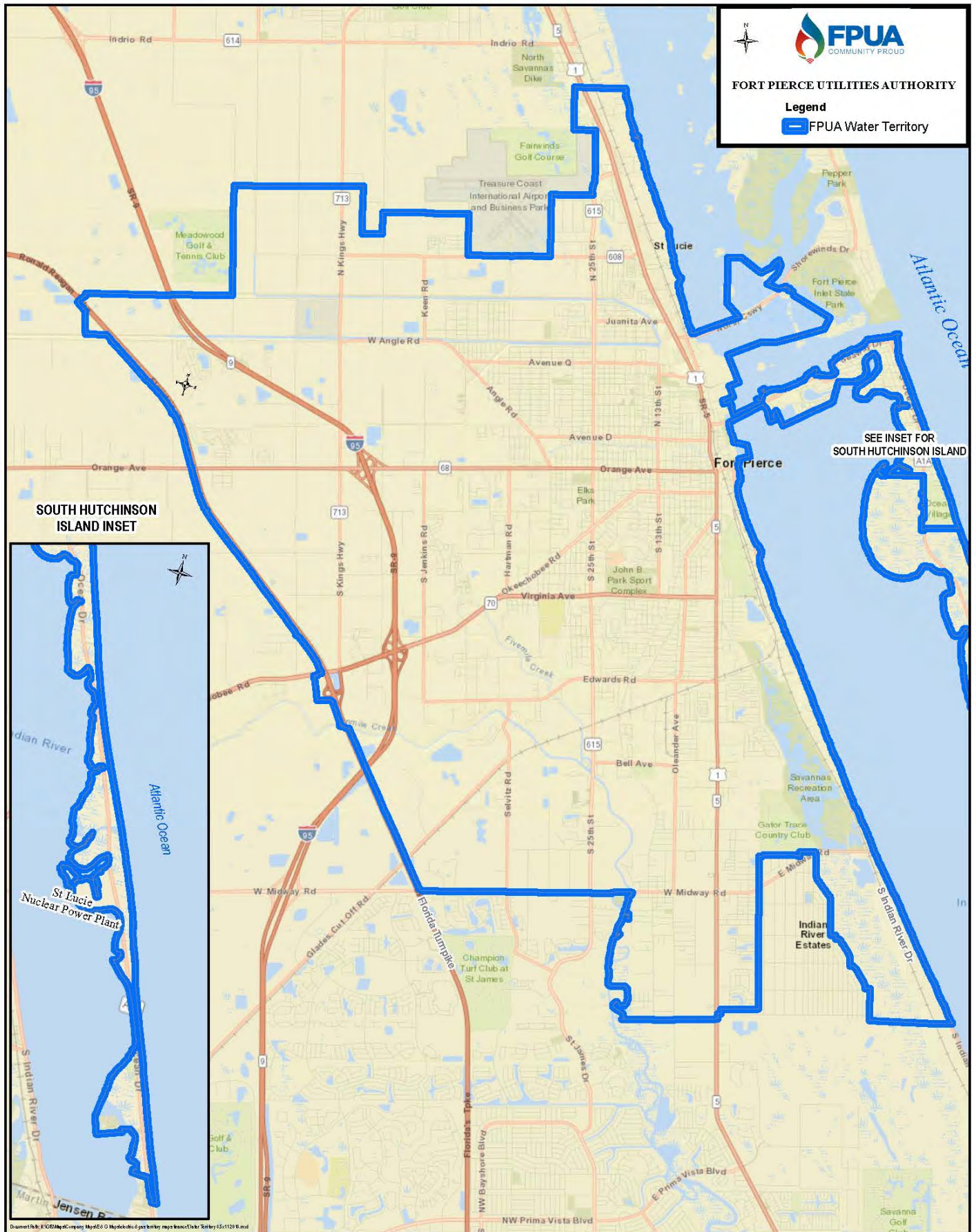
DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2020-24	PROJECT TOTAL
						through 9/30/2018	through 5/20/2019	FY 2019 Budget							
82		Water Reclamation													
82		Chemical Pump Skids	FA	Rates	837219007	-	-	23,754	-	-	-	-	-	-	23,754
82	FA-1	Golf Cart	FA	Rates	Vehicles	-	-	-	10,000	-	-	-	-	10,000	10,000
82	FA-2	IWRF Deep Injection Well Pump	FA	Rates	837320003	-	-	-	40,000	-	-	-	-	40,000	40,000
82	FA-3	1/2 Ton Pickup Truck Super Cab	FA	Rates	Vehicles	-	-	40,000	35,000	-	-	-	-	35,000	75,000
82	FA-4	10 ton A/C System	FA	Rates	837120005	-	-	-	14,000	-	-	-	-	14,000	14,000
82	FA-5	Gate Actuators	FA	Rates	837120006	-	-	-	70,000	-	-	-	-	70,000	70,000
82	FA-6	IWRF Deep Well Valves	FA	Rates		-	-	-	-	100,000	-	-	-	100,000	100,000
82	FA-7	Telescoping Forklift	FA	Rates		-	-	-	-	-	100,000	-	-	100,000	100,000
82	1	Telemetry & Controls	BLKT	Rates	803	-	-	10,000	10,000	10,000	10,000	10,000	10,000	50,000	60,000
82	2	Structural Replacements	BLKT	Rates	804	-	-	4,000	25,000	15,000	15,000	55,000	55,000	165,000	169,000
82	3	W-2 System Upgrade	STD	Rates	827	-	-	40,000	120,000	-	-	-	-	120,000	160,000
82	4	IWRF Bar Screen Retrofit	STD	Rates		-	-	-	-	135,000	-	-	-	135,000	135,000
		TOTAL				-	-	117,754	324,000	260,000	125,000	65,000	65,000	839,000	956,754
84		Wastewater Collection													
84	FA-1	Lift Station Pump Replacement	FA	Rates	836320007	-	7,450	22,550	30,000	30,000	30,000	30,000	30,000	150,000	180,000
84	FA-2	Service Truck & Equip	FA	Rates	Vehicles	-	-	88,000	100,000	350,000	100,000	44,000	90,000	684,000	772,000
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		-	-	30,000	-	-	30,000	-	-	30,000	60,000
84	FA-5	TV Truck Inspection Software	FA	Rates	839920009	-	-	-	40,000	-	-	-	-	40,000	40,000
84	1	Telemetry & Controls	BLKT	Rates	801	5,272	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	305,272
84	2	Lift Station Improvements	BLKT	Rates	802	1,059	-	35,500	40,000	100,000	100,000	100,000	100,000	440,000	476,559
84	3	Mains and Laterals R&R	BLKT	Rates	805	380,535	199,754	175,246	375,000	375,000	375,000	375,000	375,000	1,875,000	2,630,535
84	4	Lift Station Control Panels	BLKT	Rates	806	14,602	4,972	45,028	25,000	25,000	25,000	25,000	25,000	125,000	189,602
84	5	Wastewater Main Lining	BLKT	Rates	815	460,376	103,282	271,718	375,000	750,000	750,000	750,000	750,000	3,375,000	4,210,376
84	6	Manhole Rehabilitation	BLKT	Rates	816	51,113	79,181	30,819	115,000	115,000	115,000	115,000	115,000	575,000	736,113
84	7	LS #33 REHAB	STD	Rates	848	-	-	-	11,000	-	-	-	-	11,000	11,000
84	8	LS #53 REHAB	STD	Rates	849	-	-	-	11,000	-	-	-	-	11,000	11,000
84	9	LS #59 REHAB	STD	Rates	850	-	-	-	13,500	-	-	-	-	13,500	13,500
84	10	LS #72 REHAB	STD	Rates	854	-	-	-	13,500	-	-	-	-	13,500	13,500
84	11	LS #73 REHAB	STD	Rates	856	-	-	-	11,000	-	-	-	-	11,000	11,000
		TOTAL				912,957	394,639	748,861	1,210,000	1,895,000	1,575,000	1,489,000	1,535,000	7,704,000	9,760,457

CAPITAL IMPROVEMENT PLAN SUMMARY

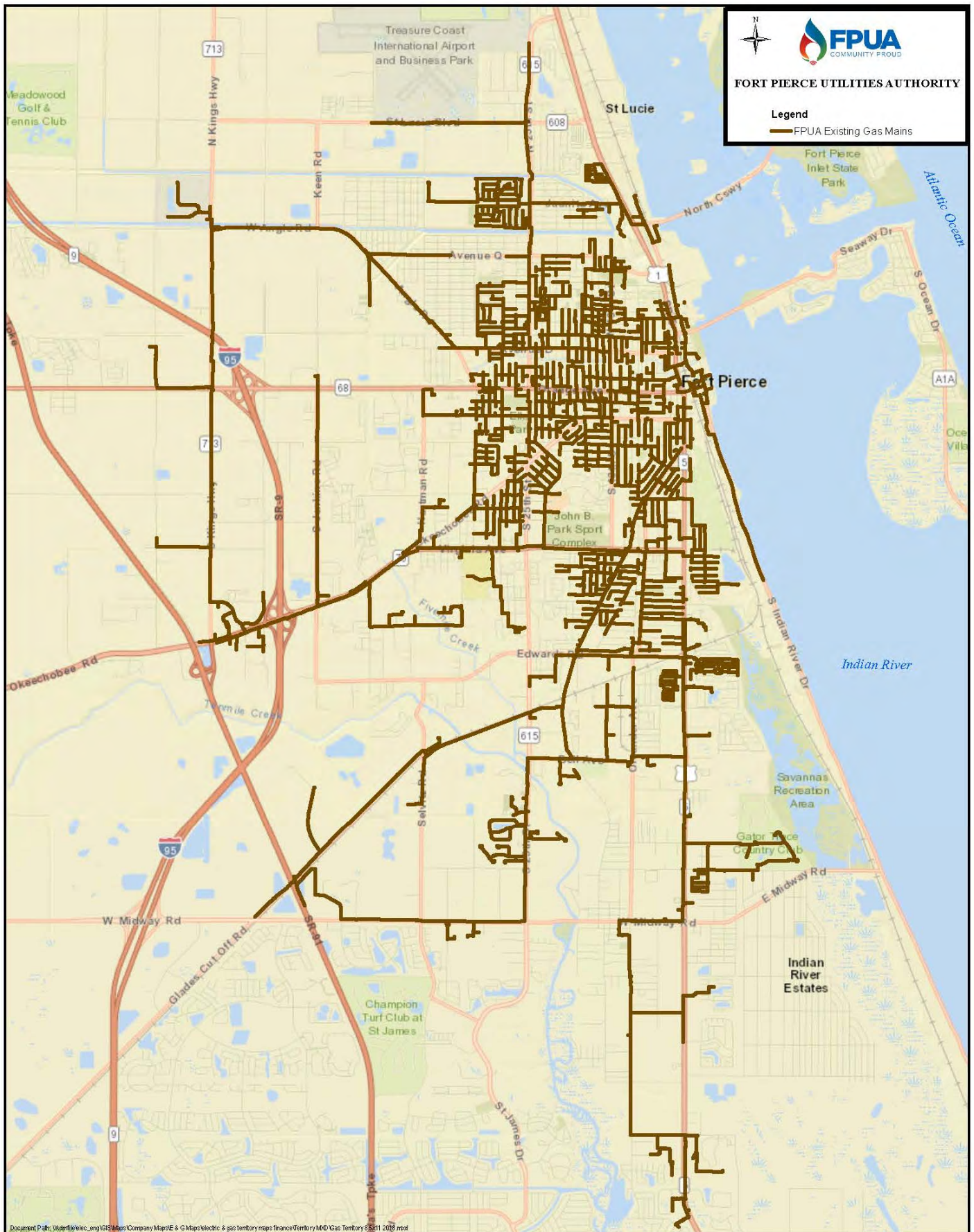
DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2020-24	PROJECT TOTAL
						through 9/30/2018	through 5/20/2019	FY 2019 Budget							
93		FPUAnet Communications													
93	1	FPUAnet Communication Services	BLKT	Rates	914	6,204	1,245	112,755	30,360	33,220	36,520	40,480	44,440	185,020	305,224
93	1	FPUAnet Communication Services	BLKT	CIA	914	21,994	4,414	6,586	107,640	117,780	129,480	143,520	157,560	655,980	688,974
93	2	Smart City Initiative	BLKT	Rates	915	-	-	-	50,000	50,000	50,000	50,000	50,000	250,000	250,000
93	2	Smart City Initiative	BLKT	CIA	915	-	-	-	20,000	30,000	40,000	50,000	60,000	200,000	200,000
93	3	FPUAnet Wireless Communication	BLKT	Rates	916	834	731	26,269	9,000	9,000	9,000	9,000	9,000	45,000	72,834
93	3	FPUAnet Wireless Communication	BLKT	CIA	916	1,946	1,707	1,293	21,000	21,000	21,000	21,000	21,000	105,000	109,946
93	4	FPUAnet Regional Connections	BLKT	Rates	917	-	-	18,000	18,000	18,000	-	-	-	36,000	54,000
93	4	FPUAnet Regional Connections	BLKT	CIA	917	-	-	2,000	2,000	2,000	-	-	-	4,000	6,000
93	5	System Reliability	BLKT	Rates	918	-	-	-	125,000	150,000	200,000	250,000	250,000	975,000	975,000
93	6	FPUAnet GPON Services	BLKT	Rates	920	-	-	40,000	45,000	45,000	50,000	60,000	70,000	270,000	310,000
93	6	FPUAnet GPON Services	BLKT	CIA	920	-	-	10,000	105,000	105,000	100,000	90,000	80,000	480,000	490,000
93	7	FPUAnet WTP Expansion	STD	Rates	940	-	585	99,415	25,000	-	-	-	-	25,000	125,000
93	8	Lincoln Park	STD	Rates	950	-	-	-	200,000	200,000	200,000	-	-	600,000	600,000
93	8	Lincoln Park	STD	CIA	950	-	-	-	400,000	100,000	100,000	-	-	600,000	600,000
93	9	City Connectivity and Security	STD	Rates	960	-	-	100,000	120,000	-	-	-	-	120,000	220,000
		TOTAL				30,978	8,682	416,318	1,278,000	881,000	936,000	714,000	742,000	4,551,000	5,006,978
21		Finance													
21	1	Contingencies		Contingencies		-	-	-	500,000	-	-	-	-	500,000	500,000
		TOTAL				-	-	-	500,000	-	-	-	-	500,000	500,000
GRAND TOTAL						\$ 6,731,226	\$ 2,966,468	\$ 22,220,620	\$ 22,758,973	\$ 19,551,587	\$ 17,283,047	\$ 15,875,468	\$ 15,254,069	\$ 90,723,144	\$ 122,641,458
		ADMINISTRATION				54,400	212,849	253,251	2,021,701	624,000	500,000	337,000	185,000	3,667,701	4,188,201
		ELECTRIC				1,873,930	955,463	5,385,621	6,242,809	5,645,273	5,426,000	4,845,000	4,334,000	26,493,082	34,708,096
		WATER				2,358,357	463,757	5,690,151	6,212,470	6,342,515	6,102,808	6,006,770	6,023,841	30,688,404	39,200,669
		NATURAL GAS				577,916	171,632	953,005	1,051,000	1,108,500	1,013,000	811,500	760,000	4,744,000	6,446,553
		WASTEWATER				1,835,645	1,154,085	9,522,274	5,452,993	4,950,299	3,305,239	3,161,198	3,209,228	20,078,957	32,590,961
		FPUAnet COMMUNICATIONS				30,978	8,682	416,318	1,278,000	881,000	936,000	714,000	742,000	4,551,000	5,006,978
		CONTINGENCIES				-	-	-	500,000	-	-	-	-	500,000	500,000
		TOTAL				\$ 6,731,226	\$ 2,966,468	\$ 22,220,620	\$ 22,758,973	\$ 19,551,587	\$ 17,283,047	\$ 15,875,468	\$ 15,254,069	\$ 90,723,144	\$ 122,641,458

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.
- 43782 **Capital Improvement Charges WW Allocation** – Capital received from developers or other agencies in the form of cash designated specifically for projects that supports the IWRF.

OBJECT CODE DEFINITIONS

PERSONNEL SERVICES

- 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.

CONTRACTUAL SERVICES

- 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, tools, barricades, right-of-ways, alarm systems, building space, or scaffolding).
- 2131 **Maintenance of Structures** – 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 internal staff which become a permanent part of the structure are also coded here. Structures may not necessarily be FPUA owned.
- 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, not provided for elsewhere. Vehicle repairs and maintenance performed under a contract should be coded to object code 2132, Maintenance of Vehicles.

OBJECT CODE DEFINITIONS

- 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.
- 2151 **Printing** – Any forms, cards, or booklets printed by outside printers. This includes, but is not limited to bills, bill inserts, door hangers, business cards 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** – Labor services provided by temporary staffing agencies. Training provided by temporary personnel should be coded to object code 2170, Training.
- 2166 **Professional Fees - Other** – Fees paid, not under contract, to attorneys, architects, or others for microfilming and imaging, density tests, leak surveys/tests, Sunshine State One-Call, or information technology related services.
- 2170 **Training** – Costs incurred for seminars, schools, conferences, textbooks and materials which involve training; including all related travel expenses (e.g., accommodations, meals, gas, mileage, or airfare). Includes training provided by temporary personnel or other agencies. Memberships for the sole purpose of obtaining training or registration fees at discounted rates. Reimbursements to employees for approved educational expenses.
- 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.

OBJECT CODE DEFINITIONS

- 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.
- 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., Economic Development Council, 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.

COMMODITIES

- 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, or periodical/routine software updates. Subscriptions can be from online or printed sources.
- 3316 **Operating Supplies** – Items purchased or issued from inventory/stock for use in FPUA operations or maintenance of facilities (e.g., the purchase of software licenses, weed killer, safety equipment, radios, radio accessories, vests, signs, compression tools parts, flashlights, hats and other items with the FPUA logo, replacement parts for hand tools.) Meal allowances and restocking fees for purchase returns are charged to this code. Assets that do not meet the capitalization criteria are also coded here.

OBJECT CODE DEFINITIONS

- 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.
- 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.

FIXED AND SUNDRY

- 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.

OBJECT CODE DEFINITIONS

- 4100 **Sick Pay Expense** – The increase or decrease in the dollar value of vested sick leave benefits 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.
- 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.
- 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.

OBJECT CODE DEFINITIONS

INTEREST EXPENSES

- 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.
- 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.

MISCELLANEOUS EXPENSES

- 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.

GLOSSARY, ABBREVIATIONS & ACRONYMS

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 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

GLOSSARY, ABBREVIATIONS & ACRONYMS

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

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

GLOSSARY, ABBREVIATIONS & ACRONYMS

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

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

GLOSSARY, ABBREVIATIONS & ACRONYMS

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.

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

GLOSSARY, ABBREVIATIONS & ACRONYMS

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

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

SRCO – Site Rehabilitation Completion Order

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.

GLOSSARY, ABBREVIATIONS & ACRONYMS

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

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 2020</u>	AMENDED BUDGET <u>FY 2019</u>	ACTUAL <u>FY 2018</u>
SAFETY			
Frequency Rate (calendar year)	4.50	3.00	2.93
DART\Severity Rate (calendar year)*	45	9	214
Workers' Compensation Experience Modification Factor	1.21	1.28	0.88
FINANCIAL			
Debt Service Ratio (12 months ended)	2.93	3.26	3.12
Operating Ratio	0.93	0.91	0.92
Average Residential Billing:			
Electric (1000 kWh)	\$111.84	\$111.84	\$113.84
Water (6,000 gallons)	\$36.26	\$36.26	\$35.18
Natural Gas (13 ccf)	\$31.31	\$31.31	\$31.31
Wastewater (6,000 gallons)	\$49.66	\$49.66	\$48.24
HUMAN RESOURCES			
Overtime Ratio	0.055	0.055	0.058
Sick Leave Ratio	0.028	0.028	0.043
Overtime vs. Annual Overtime Budget	100.00%	100.00%	132.07%
Training Hours vs. Regular Hours Worked	3.92%	3.92%	2.11%
Training Dollars vs. Budgeted Salary Dollars	2.63%	2.49%	3.12%
Annual Turnover Rate	10.00%	10.00%	9.00%
CUSTOMER SERVICE			
Number of connections	10,000	10,000	12,231
Number of disconnections	12,000	12,000	12,818
Number of accounts to collection agency	1,400	1,400	1,498
Amount of accounts written off			
Electric	\$103,100	\$103,100	\$112,847
Water	\$18,800	\$18,800	\$20,226
Natural Gas	\$2,300	\$2,300	\$1,461
Wastewater	\$17,600	\$17,600	\$18,156
Customer Charges	\$7,000	\$7,000	\$6,952
Communications	\$1,200	\$1,200	\$157
Number of service orders			
Started	40,000	40,000	40,193
Completed	41,000	41,000	40,524

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

PERFORMANCE INDICATORS - LAST TEN YEARS

<u>ACTUAL</u> <u>FY 2017</u>	<u>ACTUAL</u> <u>FY 2016</u>	<u>ACTUAL</u> <u>FY 2015</u>	<u>ACTUAL</u> <u>FY 2014</u>	<u>ACTUAL</u> <u>FY 2013</u>	<u>ACTUAL</u> <u>FY 2012</u>	<u>ACTUAL</u> <u>FY 2011</u>
5.30	4.11	5.30	4.10	4.10	4.90	3.60
171	89	79	80	48	24	122
1.00	0.97	0.79	0.87	0.92	1.25	1.11
3.25	2.51	2.55	2.59	2.51	2.41	2.55
0.89	0.90	0.88	0.91	0.91	0.91	0.92
\$120.84	\$107.84	\$113.84	\$124.84	\$122.84	\$123.84	\$125.84
\$35.18	\$35.18	\$34.18	\$33.19	\$32.00	\$30.03	\$29.32
\$31.47	\$30.82	\$31.47	\$33.42	\$31.65	\$31.09	\$32.21
\$48.24	\$48.24	\$48.24	\$48.24	\$47.46	\$46.33	\$45.19
0.073	0.050	0.046	0.046	0.420	0.040	0.036
0.037	0.038	0.038	0.034	0.340	0.034	0.039
176.47%	114.22%	120.48%	114.96%	107.47%	100.48%	89.65%
2.10%	2.87%	2.93%	2.53%	2.48%	1.52%	1.62%
1.51%	2.00%	1.92%	1.69%	1.80%	1.23%	1.31%
10.64%	12.40%	8.60%	12.08%	13.25%	6.77%	9.09%
13,534	14,109	15,663	16,238	16,001	16,360	16,077
12,795	13,316	14,800	15,338	15,206	15,419	15,038
1,353	1,622	1,890	1,852	1,584	1,535	1,888
\$184,794	\$200,966	\$99,489	\$256,860	\$182,006	\$253,362	\$197,638
\$33,140	\$36,032	\$17,826	\$46,081	\$32,638	\$45,434	\$35,433
\$2,415	\$2,639	\$1,366	\$3,302	\$2,374	\$3,308	\$2,582
\$29,744	\$32,324	\$16,050	\$41,325	\$29,294	\$40,780	\$31,805
\$11,371	\$12,371	\$6,141	\$15,770	\$11,181	\$15,563	\$12,136
\$232	\$257	\$42	\$371	\$231	\$321	\$249
41,243	45,028	44,505	49,837	44,205	39,960	42,580
41,014	44,937	44,389	49,740	44,224	39,953	42,794

PERFORMANCE INDICATORS - LAST TEN YEARS

	ORIGINAL BUDGET <u>FY 2020</u>	AMENDED BUDGET <u>FY 2019</u>	ACTUAL <u>FY 2018</u>
INFORMATION TECHNOLOGY SERVICES			
Number of work orders completed	4,000	4,200	3,858
Number of work stations supported	375	373	360
COMPONENT COSTS			
Water Treatment Plant			
\$ / 1,000 gallons raw water	\$2.05	\$2.11	\$2.21
Water Reclamation Facility			
\$ / 1,000 gallons effluent	\$1.99	\$2.02	\$1.60
Electric T&D			
\$ / mile of T & D lines	\$25,214.00	\$24,024.56	\$20,530.49
\$ / number of services	\$31.26	\$29.78	\$25.93
Water Distribution			
\$ / 1,000 gallons billed	\$2.03	\$1.98	\$2.11
\$ / number of services	\$22.54	\$22.00	\$22.36
Wastewater Collection			
\$ / 1,000 gallons billed	\$2.41	\$2.33	\$2.47
\$ / number of services	\$20.48	\$19.82	\$20.90
Natural Gas Distribution			
\$ / 1,000 ccf billed	\$0.46	\$0.42	\$0.43
\$ / number of services	\$39.92	\$37.72	\$37.41
Lift Stations			
\$ / 1,000 gallons billed	\$0.71	\$0.71	\$0.72
\$ / number of services	\$5.99	\$5.99	\$6.12
Industrial Pre-Treatment			
\$ / Customers	\$866.67	\$866.67	\$916.33
FPUAnet Communications			
\$ / Customers	\$726.77	\$627.79	\$423.99
Administration			
\$ / number of services	\$15.55	\$15.67	\$14.48

PERFORMANCE INDICATORS - LAST TEN YEARS

<u>ACTUAL FY 2017</u>	<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>
3,538 310	3,622 349	3,179 340	3,296 432	3,348 344	4,638 352	5,420 346
\$1.99	\$2.02	\$1.88	\$1.94	\$1.90	\$1.80	\$1.79
\$1.78	\$1.46	\$2.46	\$2.70	\$1.93	\$2.07	\$2.45
\$21,860.34 \$27.56	\$21,636.69 \$27.27	\$20,112.83 \$26.13	\$20,633.15 \$27.11	\$20,516.14 \$27.41	\$23,742.33 \$31.57	\$24,841.57 \$30.95
\$1.92 \$21.05	\$1.88 \$20.01	\$1.88 \$19.69	\$1.89 \$20.04	\$1.82 \$19.44	\$1.59 \$18.14	\$1.54 \$17.79
\$2.60 \$22.31	\$2.39 \$19.61	\$2.36 \$19.41	\$2.68 \$21.77	\$3.87 \$31.61	\$2.65 \$21.98	\$2.86 \$24.34
\$0.41 \$34.36	\$0.49 \$39.54	\$0.40 \$33.16	\$0.59 \$47.71	\$0.40 \$31.89	\$0.62 \$32.90	\$0.57 \$33.36
\$0.66 \$5.62	\$0.75 \$6.14	\$0.71 \$5.80	\$0.79 \$6.38	\$0.80 \$6.53	\$0.74 \$6.17	\$0.76 \$5.97
\$919.02	\$927.50	\$985.46	\$903.78	\$698.46	\$793.71	\$1,246.28
\$414.79	\$345.35	\$348.35	\$328.03	\$306.83	\$275.98	\$325.26
\$14.96	\$14.51	\$14.59	\$14.60	\$15.74	\$16.01	\$17.15

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

	REAL PROPERTY	PERSONAL PROPERTY	CENTRALLY ASSESSED PROPERTY	LESS: EXEMPTIONS	TOTAL TAX ASSESSED VALUE
2018	\$2,807,904,420	\$200,953,767	\$11,459,927	\$777,135,485	\$2,243,131,859
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

Source:

City of Fort Pierce Comprehensive Annual Financial Report

**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 2019	\$6,125,454	-	3.0%	-	3.0%
FY 2018	\$6,082,515	-	-	1.76%	-
FY 2017	\$5,968,785	-	-	-	-
FY 2016	\$5,809,302	-	3.00%	-	-
FY 2015	\$5,735,240	-	3.00%	-	-
FY 2014	\$5,605,157	(0.85%)	3.72%	1.60%	1.64%
FY 2013	\$5,365,879	(3.30%)	6.50%	2.40%	2.40%
FY 2012	\$4,767,268	-	2.50%	2.50%	2.50%
FY 2011	\$5,125,280	(4.20%)	2.50%	2.50%	2.50%
FY 2010	\$4,853,329	-	-	-	-

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

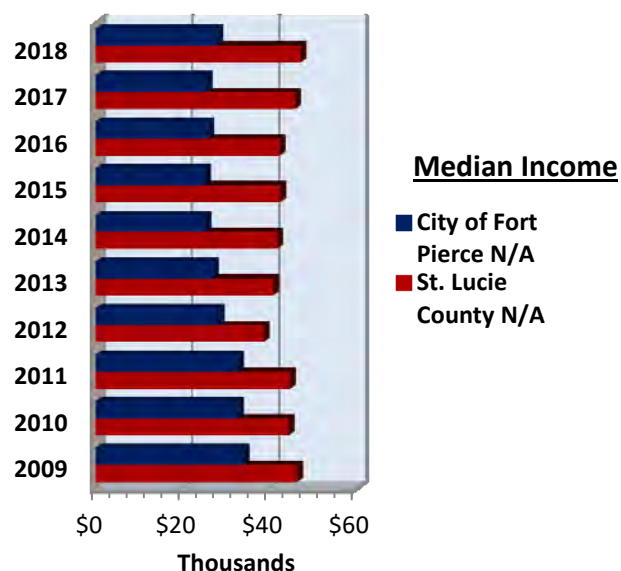
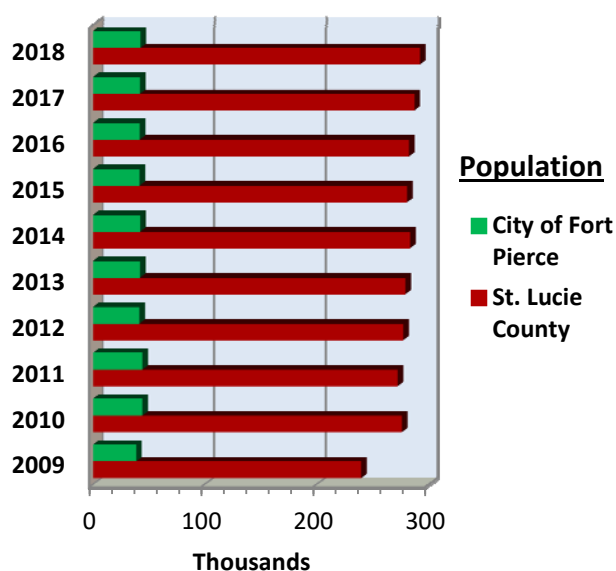
DEMOGRAPHIC STATISTICS - LAST TEN YEARS

	City of Fort Pierce Population ¹	City of Fort Pierce Median Income ²	St. Lucie County Population ¹	St. Lucie County Median Income ²
2018	43,326	N/A	302,432	N/A
2017	43,409	\$28,025	297,634	\$47,132
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

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

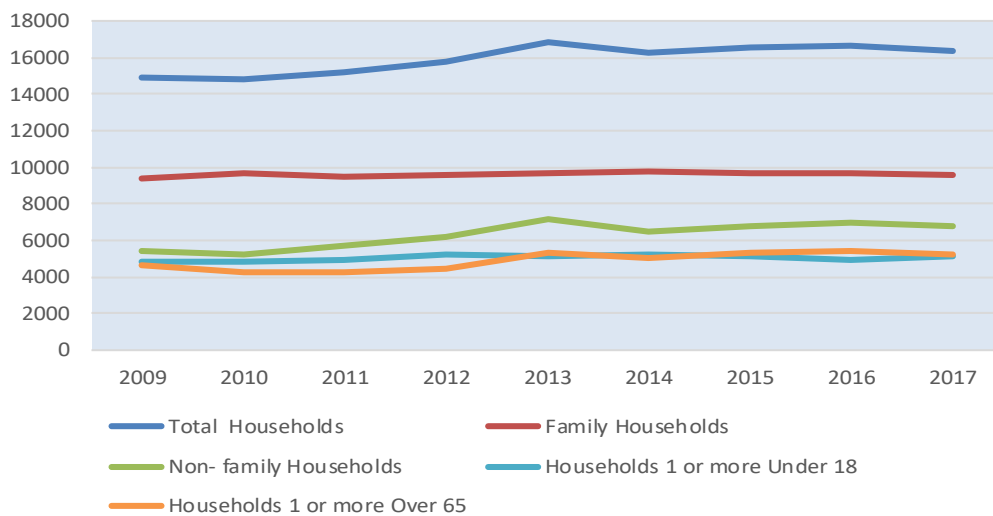
² Source Census Bureau American Community Survey <http://factfinder.census.gov>

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
2018	N/A	N/A	N/A	N/A	N/A	N/A
2017	16,386	9,633	6,753	2.66	5,144	5,215
2016	16,649	9,710	6,939	2.60	4,985	5,440
2015	16,522	9,726	6,796	2.58	5,144	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



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

N/A Not Available

