



**FORT PIERCE
UTILITIES AUTHORITY**

**2020 - 2021
ANNUAL BUDGET**

**For the Fiscal Year Ending September 30, 2021
Amending Fiscal Year Ending September 30, 2020**





Fort Pierce Utilities Authority

A Component Unit of the City of Fort Pierce, Florida

ANNUAL BUDGET

For the fiscal year ending September 30, 2021
Amending the fiscal year ending September 30, 2020

Prepared by
Department of Finance

Barbara A. Mika, CGFO
Director of Financial Services

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www.fpu.com



TABLE OF CONTENTS

OVERVIEW

GFOA Distinguished Budget Presentation Award	1
Leadership FY 2020-2021	2
Organizational Structure	3
Mission Statement	4
Utility Systems Description	6
Department Structure	12
TeamUA	18
Resolution	20
Budget Message	22
Budget Overview	27
Budget Policy	41
Budget Preparation Process	42
Budget Preparation Flowchart	43
Significant Financial Policies	44
Unit Sales Statistics	48
Change in Net Position and Funds Available	49
Estimated Distribution to the City of Fort Pierce	50
Budgeted Statement of Net Position	51
Outstanding Debt	54
Debt Service	55
Debt Service Cash Requirements	56

REVENUES

Revenues By System	58
Revenues By Source	59
Electric Revenues	60
Water Revenues	62
Water Revenues	64
Gas Revenues	66
Manatee Observation & Education Center Revenues	68
FPUAnet Communications & Treasure Coast Energy Center Revenues	69

OPERATIONS & MAINTENANCE

Operations & Maintenance Expenses By Department	71
Operations & Maintenance Expenses By System	72
Operations & Maintenance Expenses By Category	73
Operations & Maintenance Expenses By Object Code	74
Allocation Distribution	76
<u>Dept #</u>	
01 Manatee Observation & Education Center	78
02 Treasure Coast Energy Center	80
10 Board	82
11 Director Of Utilities	84
12 Attorney	86
14 Regulatory Affairs	88
15 Human Resources	90

TABLE OF CONTENTS

18	Safety	92
21	Finance	94
22	Materials Management	96
31	Director of Utility Support Services	98
32	Information Technology Services	100
35	Facilities	102
41	Community Relations	104
43	Customer Service	106
51	Director of Electric & Gas Systems	108
52	Power Generation	110
53	Electric Purchases for Resale	111
54	Electric Transmission & Distribution	112
55	Electric Operations	114
56	Electric & Gas Engineering	116
61	Director of Water/Wastewater Systems	118
62	Water Resources	120
64	Water Distribution	122
66	Water/Wastewater Engineering	124
74	Gas Operations	126
75	Natural Gas Purchases for Resale	128
82	Water Reclamation	130
84	Wastewater Collection	132
93	FPUAnet® Communications	134
95	FPUAnet® Communications Purchases for Resale	136
*9	Administrative & General - Departments by System	137

CAPITAL

Capital Improvement Plan Overview		143
CIP Process and Alignment to Strategic Plan		144
CIP and Capital Budget by System		145
Funding Sources		146
Capital Budget Highlights		147
Reasons Capital Projects are Required		149
Impact on Operating Budget		150
Vehicle Replacement Program		152
Capital Improvement Plan Summary		153

APPENDICIES

Appendix A	- Maps of FPUA Service Territory	159
Appendix B	- Revenue Definitions	163
Appendix C	- Object Code Definitions	170
Appendix D	- Glossary, Abbreviations & Acronyms	176
Appendix E	- Performance Indicators – Last Ten Years	184
Appendix F	- Property Value and Total Tax Assessed Value - Last Ten Years	188
Appendix G	- Distribution to the City of Fort Pierce and System Rate Increases (Decreases) - Last Ten Years	189
Appendix H	- Demographic Statistics	190





GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Fort Pierce Utilities Authority
Florida**

For the Fiscal Year Beginning

October 1, 2019

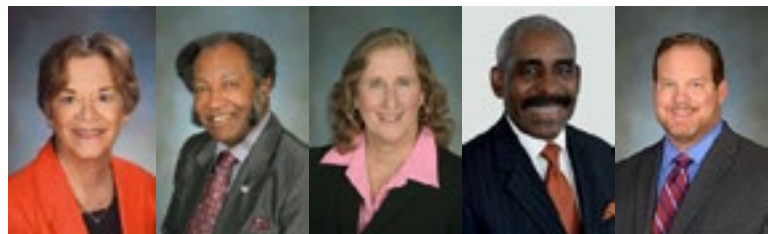
Christopher P. Morill

Executive Director

LEADERSHIP FY 2020-2021



Board of Directors



From Left to Right:

Leadership Team

John K. Tompeck, P.E.

Director of Utilities

Barbara A. Mika, CGFO

Director of Financial Services

Bo Hutchinson, P.E.

Director of Water/Wastewater Systems

Javier Cisneros, P.E.

Director of Utility Support Services

Joshua Paul Gang, J.D.

Director of Regulatory Affairs

Paul A. Jakubczak, P.E.

Director of Electric and Gas Systems

Linda Hudson

Mayor-Member

Charlie F. Matthews

Vice Chairman

Glynda W. Cavalcanti, CPA

Chairman

Darryl Thomas-Bey

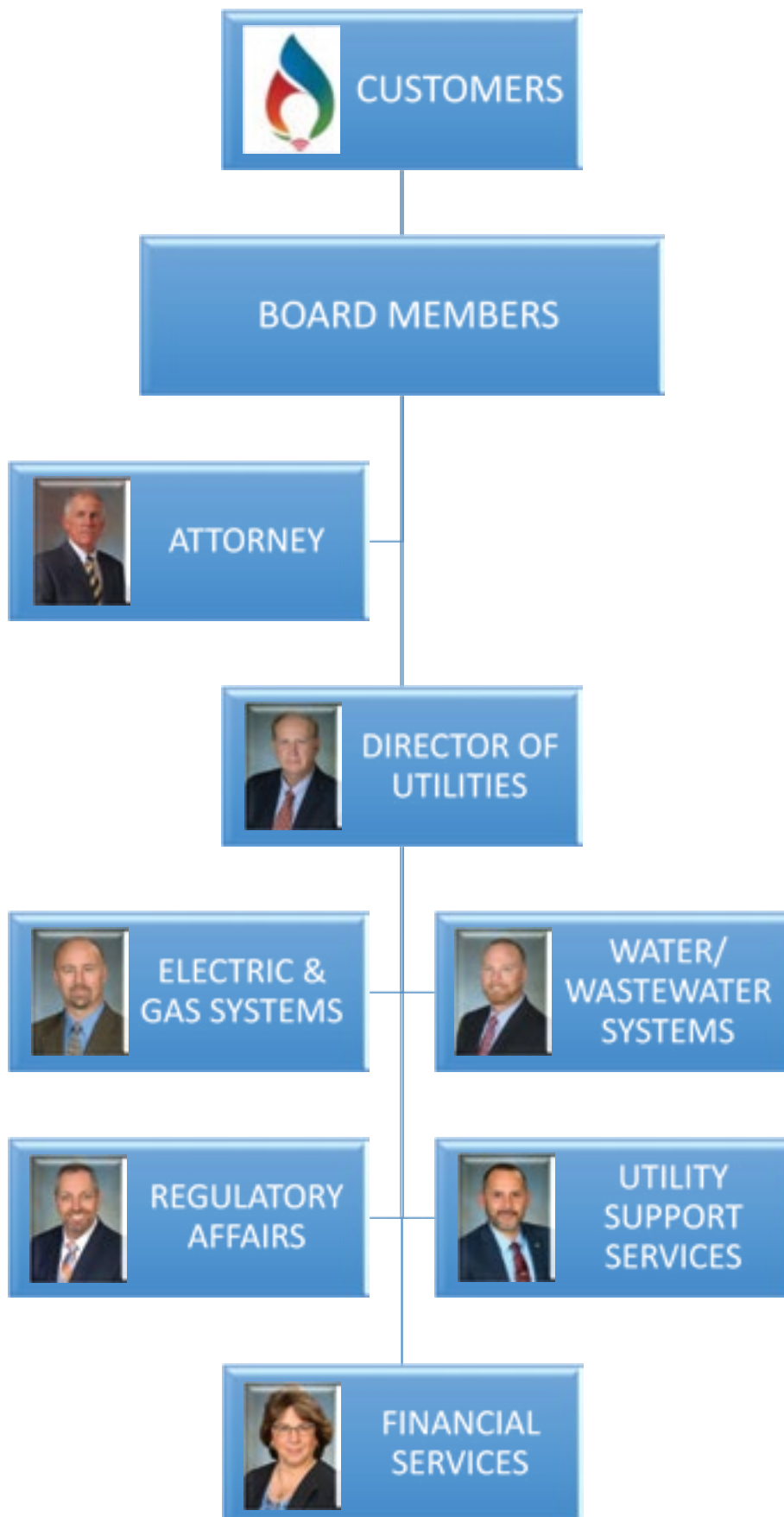
Secretary

Frank H. Fee, IV

Deputy Secretary

Rupert N. Koblebard III

Attorney



FORT PIERCE UTILITIES AUTHORITY

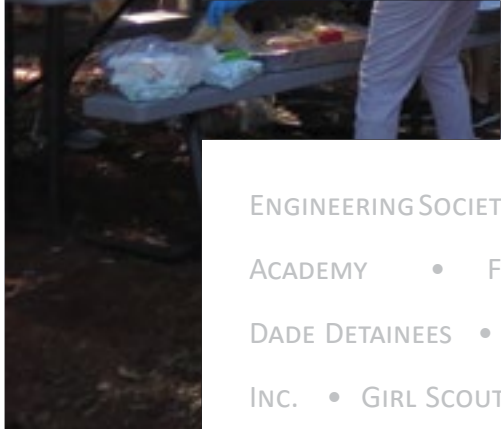
“TO PROVIDE OUR CUSTOMERS WITH ECONOMICAL, RELIABLE AND FRIENDLY SERVICE

FORT PIERCE UTILITIES AUTHORITY EMPLOYEES HAVE “ENHANCED THE QUALITY OF LIFE IN OUR

4-H • ALZHEIMER'S COMMUNITY CARE • AMERICAN CANCER SOCIETY • AMERICAN RED CROSS • BABY GIRL HORSE RESCUE & VETERANS THERAPY RANCH • BLUEBIRD EDUCATIONAL FOUNDATION • BOYS & GIRLS CLUBS OF ST. LUCIE COUNTY • BRENNITY ASSISTED LIVING • C.A.S.T.L.E. • CHILD FUND INTERNATIONAL • CHRIST FAMILY CHURCH • CHRIST FELLOWSHIP CHURCH • CHRISTIAN FM • CITY OF FORT PIERCE • CONSERVATION FOUNDATION • CONSERVATION KIDZ • COUNCIL ON AGING OF ST. LUCIE COUNTY • DOGS & CATS FOREVER • EARLY LEARNING COALITION



FOUNDATION • FAMILY MEALS



ENGINEERING SOCIETY • FLORIDA ACADEMY • FORT PIERCE DADE DETAINEES • FRIENDS OF INC. • GIRL SCOUTS OF SOUTH AMERICAN CLEANUP • H.A.L.O.



DIVERS • FLORIDA

STATE CHRISTIAN ROTARY • FRIENDS OF MIAMI-ST. LUCIE COUNTY PUBLIC HEALTH, FLORIDA - TREASURE COAST • GREAT RESCUE • HABITAT FOR HUMANITY

• HEATHCOTE BOTANICAL GARDENS • HIBISCUS CHILDREN'S CENTER • HIBISCUS PARK NEIGHBORHOOD ASSOCIATION & CRIME WATCH • HIGHWAYMEN FESTIVAL • IRL SCIENCE FESTIVAL • KEEP FORT PIERCE BEAUTIFUL • KIWANIS CLUB OF FORT PIERCE-SUNRISE • LINDSAY SCHOOL OF THE ARTS • LINCOLN PARK MAIN STREET • MAIN STREET FORT PIERCE • MARINE CLEAN-UP INITIATIVE • MARINE CORPS TOYS FOR TOTS • MMPS ENVIRONMENTAL • MANATEE OBSERVATION & EDUCATION CENTER (MOEC) • MOORE'S CREEK CLEANUP • MUSTARD SEED MINISTRIES • NORTHSIDE BAT & BALL LITTLE LEAGUE • ONE FLORIDA FOUNDATION • OXBOW ECO-CENTER

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:

- OYSTER FEST • PACE CENTER FOR GIRLS • PARKVIEW BAPTIST CHURCH FOOD PANTRY • PILOT CLUB OF FT. PIERCE • PSL POLICE DEPARTMENT • PSL PREDATORS - FL YOUTH FOOTBALL LEAGUE • REEF ENVIRONMENTAL EDUCATION FOUNDATION • RESTORING THE VILLAGE • ROUNDTABLE OF ST. LUCIE COUNTY • SALVATION ARMY CHRISTMAS ANGELS • SANDY SHOES FESTIVAL • SARAH'S KITCHEN • SCUBANAUTS INTERNATIONAL • SHARK WHISPERER ORGANIZATION • SMITHSONIAN INSTITUTE • SPONSOR ME, INC • ST. ANDREWS EPISCOPAL ACADEMY



• ST. HELEN'S CHAMBER OF ECONOMIC LUCIE COUNTY COUNTY FAIR EDUCATION FOUNDATION • STUFF THE SURFRIDER



CATHOLIC CHURCH • COMMERCE • ST. DEVELOPMENT SCHOOLS • ST. LUCIE B U S



FOUNDATION TREASURE COAST •

SUSAN

G. KOMEN-

STRIDES AGAINST BREAST

- CANCER • SWORD OUTREACH MENTORING & RESOURCE CENTER • THE LIGHTHOUSE FOUNDATION • THE MOMENTUM FOUNDATION • THE VANDUZER FOUNDATION • TIM TEBOW FOUNDATION • TREASURE COAST BLOOD BANK • TREASURE COAST FOOD BANK • TREASURE COAST MANATEE FOUNDATION • TREASURE COAST WATERWAY CLEANUP • TREASURE COAST YOUTH FOOTBALL & CHEER • UNITED AGAINST POVERTY, INC. • UNITED WAY OF ST. LUCIE COUNTY • VERO BEACH BASEBALL CLUB, INC. • WE LEAP, INC. • WILD OVER WILDLIFE •

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 159](#)), encompassing approximately 35 square miles, with an average of 28,527 services billed during the fiscal year ended September 30, 2019. 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). 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 the Florida Municipal Power Agency's All-Requirements Power Supply Project (ARP). In doing so, FPUA is now one of 13 municipally owned utilities in the 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 the ARP and agreed to purchase its total power requirements from them. These resources 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 FMFA’s Treasure Coast Energy Center (TCEC) began commercial operation. FPUA continues to operate the TCEC for FMFA 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 160](#)), encompassing approximately 32 square miles, with an average of 20,725 services billed during the fiscal year ended September 30, 2019. 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 161](#)), encompassing approximately 30 square miles, with an average of 15,316 services billed during the fiscal year ended September 30, 2019. The wastewater collection system consists of 118 lift stations, 174 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 30 inches in diameter. The Island Water Reclamation Facility (IWRf)

currently has a permitted capacity of 10 MGD for Annual Average Daily Flow (AADF) and 11.5 MGD for 3-Month AADF. The Florida Department of Environmental Protection (FDEP) has issued an operating permit which will be adequate through December 10, 2022.

FPUA has one domestic deep injection well (IW) at the IWRf plant site. A pumping station injects treated/disinfected effluent into the 3,300-foot deep injection well for disposal. The IWRf IW-1 well is a twenty-four inch domestic well which is permitted through 2022. There are two deep injection wells located on the site of the future Mainland Water Reclamation Facility (MWRf), in the southwest

corner of the service area. IW-1 is an 18-inch industrial deep injection well with a capacity of 2.7 MGD, PHF and IW-2 is a 24-inch domestic deep injection well. IW-1 accommodates the TCEC's industrial wastewater stream and St. Lucie County landfill leachate, and is permitted through August 4, 2020. The IW-2 well is currently not in operation and therefore is not permitted. Both wells can be utilized for disposal of MWRF effluent when that facility is constructed.

NATURAL GAS SYSTEM

The Natural Gas System serves the City of Fort Pierce and the immediate surrounding area ([Appendix A – Page 162](#)), encompassing approximately 27 square miles, with an average of 4,111 services billed during the fiscal year ended September 30, 2019. 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



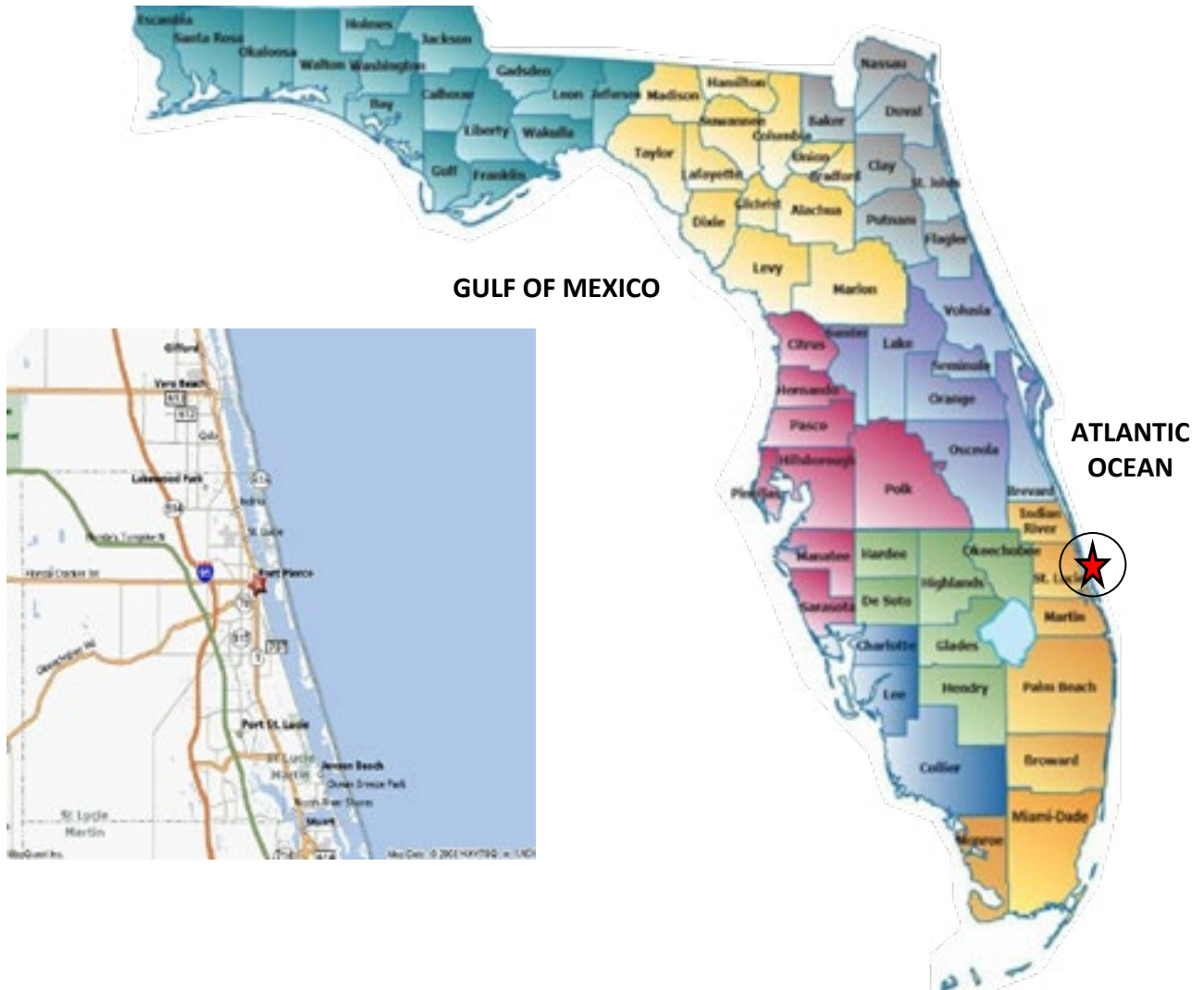
FPUAnet Communications' mission is to help promote economic development and meet the needs of our community with enhanced, reasonably priced communications alternatives. FPUAnet provides high quality, state-of-the-art fiber optic and wireless communication services to businesses and institutions. FPUAnet 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 150 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 56,845 individuals engaged from all over the world visited the Center during fiscal year 2019, and 315 manatees were sighted. Volunteers provided a substantial donation to the Center with a total of 12,972 hours of volunteer time.



MAP OF FLORIDA SHOWING THE LOCATION OF FORT PIERCE



CITY HISTORY

Fort Pierce, often called the Sunrise City, has been the hub of St. Lucie County, Florida for over 100 years. Situated on the "Treasure Coast," named after the famed sinking of a Spanish treasure fleet in 1715, Fort Pierce is one of the oldest communities on the East Coast of Florida. Fort Pierce was named after the Fort Pierce Army post which was built nearby in 1838 during the Second Seminole War. The military post had been named for Benjamin Kendrick Pierce, a career United States Army officer and the brother of President Franklin Pierce. Incorporated in 1901, Fort



Pierce was primarily one general store surrounded by a few nearby houses. When Henry Flagler's railroad was built through the town in 1915 it brought an opportunity for expansion of new homes and schools with it. The city grew from 300 pioneers to approximately 47,000 residents today and encompasses approximately 29 square miles. In 1923 Sunrise Theatre opened its doors as the largest theater on the Florida's East Coast with 1,200 seats. It quickly became the center of St. Lucie County. Sunrise Theater closed its doors in 1983 due to its inability to convert to a multiple screen operation. In 1988 downtown started to establish unique retail shops,



restaurants and art galleries. As the Sunrise Theater is located on Main Street in Fort Pierce right in the heart of downtown the St. Lucie Preservation Association purchased the theater and reopened the newly renovated Sunrise Theater for the Performing Arts in 2006. Old City Hall is one of the best-regarded and frequently used buildings on the Treasure Coast of Florida. Built at the height of the Florida boom in 1925, it was the first historic building to be restored in downtown Fort Pierce in 1995. The building was used as the Fort



Pierce City Hall until 1983. In 1971 Harbor Branch Oceanographic Institution, a non-profit research organization, was founded by J. Seward Johnson, Sr. in collaboration with Edwin A. Link. In December 2007, the assets and parcels of land of the research institute were transferred to Florida Atlantic University and took its current name Harbor Branch Oceanographic Institute at Florida Atlantic University. Their research and education focuses on biological oceanography, aquaculture, discovery and development of natural products for medicines, ocean engineering, and other uses. Its staff includes more than 160 scientists, engineers, mariners, and support personnel.





Fort Pierce Inlet - City of Fort Pierce, FL

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***

Barbara A. Mika, CGFO

***Director of
Utility Support Services***

Javier Cisneros, P.E.

***Director of
Regulatory Affairs***

Joshua P. Gang, J.D.

Department	FINAL 9/30/2018	FINAL 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021	CHANGE FROM 9/30/2020 TO 9/30/2021
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	- *	-	-
TOTAL FTE	11	11	8	8	-

D - Includes DROP participant employees

P - Excludes part-time positions

* - Reorganized to Regulatory Affairs for FY 2020

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 9/30/2018	FINAL 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021	CHANGE FROM 9/30/2020 TO 9/30/2021
02 Treasure Coast Energy Center	15 D	15 D	15 D	15 D	-
51 Director of Electric & Gas Systems	1	1	1	1	-
54 Electric Transmission & Distribution	23 D	25	25	25	-
55 Electric Operations	23 D	23 D	24 D	24 D	-
56 Electric & Gas Engineering	11 D,P	13 D,P	13 D,P	13 D,P	-
74 Gas Operations	15 D	15	15	15	-
TOTAL FTE	88	92	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 9/30/2018	FINAL 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021	CHANGE FROM 9/30/2020 TO 9/30/2021
61 Director of Water/Wastewater Systems	1	1	1	1	-
62 Water Resources	25 D	25 D	25 D	25 D	-
64 Water Distribution	27 D	27 D	27 D	27 D	-
66 Water/Wastewater Engineering	12 P	13 P	13 P	13 P	-
82 Water Reclamation	16 D	16 D	16 D	16 D	-
84 Wastewater Collection	20 D	20 D	20	20	-
TOTAL FTE	101	102	102	102	-

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

Jason Mittler
Manager

Community Relations

Judith A. Widmayer
Manager

Manatee Observation & Education Center

Rachel Tennant
Manager

Department	FINAL 9/30/2018	FINAL 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021	CHANGE FROM 9/30/2020 TO 9/30/2021
01 Manatee Observation & Education Ctr	4 P	4 P	4 P	4 P	-
18 Safety	1 P	1 P	- *	-	-
22 Materials Management	6 P	6 D,P	6 D,P	7 D	1
31 Director of Utility Support Services	2	2	2	2	-
32 Information Technology Services	17 D	17	17	17	-
35 Facilities	5	5	5	6	1
41 Community Relations	1	1	1	1	-
43 Customer Service	26 D	26 D	26 D	27 D	1
93 FPUAnet Communications	3	3	4	4	-
TOTAL FTE	65	65	65	68	3

D - Includes DROP participant employees

P - Excludes part-time employees

* - Reorganized to Regulatory Affairs for FY 2020

DIRECTOR OF REGULATORY AFFAIRS

Joshua P. Gang, J.D.

Human Resources

Lois A. Wolfe, SHRM-CP
Manager

Department	FINAL 9/30/2018	FINAL 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021	CHANGE FROM 9/30/2020 TO 9/30/2021
14 Regulatory Affairs	-	-	3	5 P	2
15 Human Resources	-	-	3 D *	3 D	-
18 Safety	-	-	1 P *	-	(1)
TOTAL FTE	-	-	7	8	1

D - Includes DROP participant employees

P - Excludes part-time employees

* - Reorganized to Regulatory Affairs for FY 2020

DIRECTOR OF FINANCIAL SERVICES

Barbara A. Mika, CGFO

Department	FINAL 9/30/2018	FINAL 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021	CHANGE FROM 9/30/2020 TO 9/30/2021
21 Finance	13	13	11 *	11	-
TOTAL FTE	13	13	11	11	-

* - Two Finance personnel were reorganized to Regulatory Affairs

FPUA TOTAL FULL-TIME POSITIONS

Department	FINAL 9/30/2018	FINAL 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021	CHANGE FROM 9/30/2020 TO 9/30/2021
Director of Utilities	11	11	8	8	-
Director of Electric & Gas Systems	88	92	93	93	-
Director of Water/Wastewater Systems	101	102	102	102	-
Director of Utility Support Services	65	65	65	68	3
Director of Regulatory Affairs	-	-	7	8	1
Director of Financial Services	13	13	11	11	-
TOTAL FTE	278	283	286	290	4



TEAM UA - OVER 2,900

JAMES ADAMS

• CHARLES ALFORD

• KATHARINE ALFORD

ANDERSON

ATTEY

• CHRISTOPHER MAURICE

• JEFFREY BAKER

BARRERA

• RYAN BASTINE

BENNETT

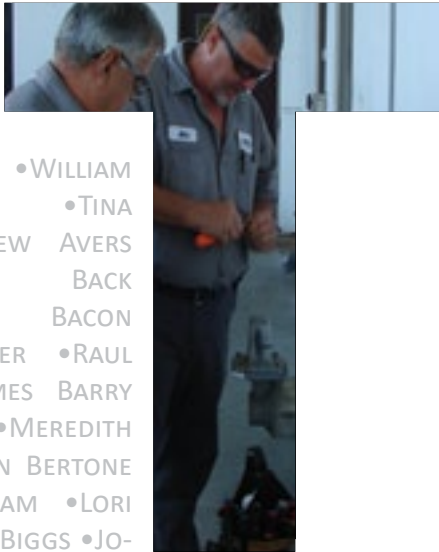
• KARYL BERTRAM

BIANCO

• JOHN BIGGS

• JO-ANN BILYK

• DONALD BLACK



• WILLIAM

• TINA

• ANDREW AVERS

• CHRISTOPHER BACK

• MAURICE BACON

• JEFFREY BAKER

• RYAN BASTINE

• ALAN BERTONE

• KARYL BERTRAM

• JOHN BIGGS

• JO-ANN BILYK

• DONALD BLACK



• CHARLES BLAIR • S LANCE BRICK • DANIEL BROLMANN • WILLIAM BROOKS • ROGER BROWN • VICTOR BURRIS • TRAVIS BUTLER

• ANDREW BYRD • JOSHUA CALANDRO • DWAYNE CALLENDER • JOHN CANARD • DADE CAPPAR • JAMES CARNES • BRANDON CASS

• GLYNDA CAVALCANTI • MICHAEL CHIDGEY • JAVIER CISNEROS • LINDA CLARK • ANDRE CLEVELAND • RICK CLEVINGER

• BRIAN COLLIER • CHARLES CONNELL • BRETT CORBETT • TYLER COX • BRANDY CRAWFORD • CRAIG CRAWFORD • SHILOH CRAWFORD

• WILBURN CRAWFORD • STEVEN CRITES • CLAYTON CROUCH • CHRISTOPHER CRUMBLY • JONATHAN CRUMBLY

• JOSEPH CRUTCHFIELD • JENNIFFER CUEVAS FERMIN • MICHAEL CURRID • THOMAS DAROZA • TYRUS DARVILLE • ALDONIO DASILVA

• FELICIA DAVIS • JOEL DAVIS • ROBERT DAVIS • LUGEY DAWSON • RAE LYNN DE BOER • J SEAN DENMAN • OWEN DENNIS

• GARY DEPASTINO • ANDREW DIGIACOMO • SEDDRICK DIXON • THOMAS DRISKELL • JASON DROST • PETER DUNCAN

• WILLIAM DUPRE • SCOTT DYKEMA • CHRISTOPHER ELIASON

• JASON ERWIN • ROBERT ESCHMANN • TRENT EURY • FRANK FEE

• STEVEN FERGUSON • CHRISTOPHER FITZMAURICE • OMAR FOOTE

• DENISE FOUNTAIN • SHARI FRANCO • APRIL FREDERICK

• THOMAS FRYAR • NORIEL FUMERO • JOSEPH FUORE • FREDERICK GADDIS

• JOSHUA GANG • STEVEN GATINS • BARBARA GIBSON

• MICHAEL GIFT • PATRICK GILLESPIE • MICHAEL GIFT • PATRICK GILLESPIE

• KEVIN GILLETTE • MONIQUE GILSINAN • PATRICIA GILSINAN

• JOSEPH GILSON • MICHAEL GOLDSMITH • SONIA GOMEZ

• ANTONIO GONZALEZ • WILLIAM GOODWIN • CROSBY GORE

• AARON GRAVES • WILLIAM GRAY • MARIA GUERRERO

• KATHRYN GUILLETTE • RONALD HAGWOOD • GEORGE HALL

• JAMES HARRIS • MICHELE HARRIS • MATTHEW HARWARD

• MARTHA HAYMAN • STEVE HERDEMAN • CLINTON HINER • ADAM HOFFER

• ESTELA HOLMAN • KYLE HOLMAN • BRANDON HOULE

• NIKOLAS HOUTRIDES • JAMES HOWES • LINDA HUDSON • TIMOTHY HUGHES

• BRAYAN HURTADO ESQUIVEL • BOWDOIN HUTCHINSON • MARCUS JACKSON • PAUL JAKUBCZAK • JORDEN JENNINGS

• SIDNEY JERGER • SIDNEY JERGER, JR • JUWAN JEUNE • ANA JOHNSON • CHONTAE JOHNSON • CHRISTOPHER JOHNSON

• TERRY JOHNSON • MICHAEL JONES • JOSHUA JORDAN • KERVANS JOSEPH • WILLIAM KAEFF • ADAM KEE • MARTHA KERR

• JOSEPH KING • MARK KOBBE • RUPERT KOBLEGARD III • JENNIFER KRIP • KUPER KRUEGER • ALICE LADOMIRAK • PAUL LAGUERRE • J



YEARS OF DEDICATED SERVICE



LARRY LAMMERS



- DOMINIC LANE •WILLIAM LANFAIR •MICHAEL LEDOUX •EDWARD LEONGOMEZ •GLEN LEPESKA •ASHLEY LEVIN •KARINA LIVINGSTON •KAREN LLANAS •SCOTT LOVEN •ALAN LUNA •JOSHUA MACNICHOL •PAUL MADSEN •WANDA MAGNUSON •WILLIAM MAIN •TAMMY MALIN •GLEN MANCHESTER •FRED MANN •LAURIE MARTIN •MELISSA MARTIN •MICHAEL MARTIN •STEPHEN MASTELLER •CHARLIE MATTHEWS •KENNETH MAXWELL •FLORINDA MAZZARELLA •TOMMIE MC CARTHY •TERRANCE MC MILLON •KEVIN MCDONALD •DANIEL MCKINLEY •GEORGE MCMILLAN •JOHN MCMILLIAN •STONEY MCPEEK •ERIC MEYER •ROSALINE MICHEL •BARBARA MIKA •GEORGE MILLER •JOSHUA MILLER •JASON MITTLER •KENNETH MORRIS •REGINA MORRIS •LARRY MORRISON •STEVEN MOSELY •TIMOTHY MULHALL •MICHAEL MULVANEY



• D W A Y N E
• S A N D R A S N E L L
• A N G E L A

- STEVEN MURTO •RICHARD MUTTERBACK •KYLE MYERS •CHRISTELLE MYRICK •CHRISTOPHER NASSO •MICHAEL NEILL •DINO NESSELRODE •TINA O'CONNELL •JAMES O'CONNOR •KIMBERLY OKUBO •SHANNON ONDERLINDE •JOHNNY ORTIZ •SHANE OSTRANDER •JAKUB PAJAK •NANCY PALKA •PATRICIA PARKER •THOMAS PARKER •SHELIA PARNELL •KEVIN PARRISH •EDWARD PATRICK •DARIN PATTERSON •ERIC PEARSON OLIVO •NINA PENICK •LAURIE PEPPLER •RICHARD PETERSEN •ROBERT PIRSON •BARBARA PLASENCIA •RONNIE PREBILSKY •TONY PRICE •DOUGLAS PUPARD •CHARLES PUTNAM •DAVID RACICOT •FRANCISCO RAMOS •STEPHANIE RAULERSON •SERITTA REEVES •DILLON RESENDIZ •J RHODEN •TIMOTHY RICHARDS •BRANDON RICHARDSON •EDWIN RICHBERG •HEATHER RICUCCI •ROBERTO RIGUAL •DAVION ROLLE •WILLIAM ROLLE •LINDA ROSADO •SAMANTHA ROWLAND •SCOTT RUBY •LYDIA SANTIAGO •JAMES SCHMITT •SAL SCIMECA •HARRY SHERVA •JOSHUA SHOLANDER •CARMELO SIGNORELLI •STERLING SIMMONS •VALENTINE SIRMONS •JULIE SIZEMORE •SHAWN SMITH •JOEL SPADES •RYAN SPENCE •CHARLES STANG •KENNETH STEPHAN STEPHENS •B KEITH STEPHENS •KURTIS STRAND •CHARLES SWINDLE

- THIERRY SYDNE •TONYA TARDIF •WILLIAM TAYLOR •RACHEL TENNANT •DEBRA THERIAULT •MARY THOMAS •DARRYL THOMAS-BEY •JOSEPH TIETZ •DANIEL TILLMAN •NICOLE TIPTON •ROBERT TIPTON •WENDY TOMLINSON •JOHN TOMPECK •JENNIFER TOOMS •CUONG TRAN •ANDREA TRASFERINI-SLOWN •MASON URSO •OSVALDO VALDES •ROBERT VAUGHN •CHRISTOPHER VELARDO •ANDREW WARE •KARISSA WARE-CURRY •JABAREY WARREN •CODY WHITE •JUDITH WIDMAYER •EDMOND WILLIAMS •STACEY WILLIAMS •CAROL WILSON •OLIVER WINT •ERIC WINTERSTEIN •DALTON WOLFE •LOIS WOLFE •SHARON WOLKOWICZ •TERRANCE YEARBY •RAY YOUNG •

RESOLUTION NO. U.A. 2020-07

A RESOLUTION ADOPTING A BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2020 AND ENDING SEPTEMBER 30, 2021 AND AMENDING THE BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2019 AND ENDING SEPTEMBER 30, 2020, 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 2021 budget and amends its FY 2020 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 2021 and FY 2020 made by the Director of Utilities of said Fort Pierce Utilities Authority. Said estimates have been presented to Fort Pierce Utilities Authority in July 2020, 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 21st day of July, 2020.

ATTEST:


Secretary
(FPUA Seal)

FORT PIERCE UTILITIES AUTHORITY

BY: 
Vice Chairman

APPROVED AS TO FORM & CORRECTNESS:

BY: 
Fort Pierce Utilities Authority Attorney



July 15, 2020

MEMBERS OF FORT PIERCE UTILITIES AUTHORITY BOARD
Fort Pierce, Florida

Dear Board Members:

It is with pleasure that we present to you the budgets for the fiscal year ending September 30, 2021, and amending the fiscal year ending September 30, 2020. This budget document is submitted in accordance with the provisions of the City of Fort Pierce Charter and the budget policies detailed in the [Overview](#) section. The budget is comprised of the Revenue Budget, Operations & Maintenance (O&M) Budget, Capital Budget, including a five-year Capital Improvement Plan, and Debt Service. As required by Florida Statutes, the document presents a balanced budget; i.e., the total receipts available, including balances brought forward from prior fiscal years, equals the total of appropriations for expenditures and reserves. This budget has been prepared using the accrual basis of accounting. The figures contained herein reflect the revenues and expenses necessary to maintain current levels of service provided to the 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 that the Board must vote on annually as it establishes the financial limits used to provide utility services to FPUA's customers. It also 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.

The proposed budgets have been developed through the budget preparation process, with a critical look at each department's plans, projects and projections to ensure that they support the FPUA's mission and the strategic goals of the organization. A budget workshop was held to present the proposed budgets to the FPUA Board and the public, to provide the opportunity to review the assumptions made in the preparation of the budget.



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.

772.466.1600 * www.fpua.com



FY 2020 ACHIEVEMENTS

As we come to the close of fiscal year 2020, we look back at the accomplishments that the utility has brought forth and the groundwork that has been laid for the future plans of FPUA.

FPUA has taken a significant stride in our migration from manual meter reading to an Advanced Metering Infrastructure (AMI). The advanced deployment of these meters will be tested and completed by the end of FY 2020. The AMI system will collect data for all services, that is up to the hour, allowing for real-time outage notifications, consumption data, water leak detection, and unusual consumption usage. AMI will improve customer service, system reliability, and support the efficient delivery of utility services.

FPUA's participation in Florida Municipal Power Agency's (FMPA) solar project had its groundbreaking for Phase I in November 2019. These solar sites will generate 223.5 megawatts of emission-free energy and came online in June 2020. In December of 2019, construction began on Phase II of FMPA's solar project, which will generate 149 megawatts, for a total generating capacity of 372.5 megawatts of emission-free energy.

FPUA's business development team has focused its commitment to assisting developers, engineering and design teams, as well as realtors and contractors, with their project development. The Port project, where America's first megayacht repair and refit yard continues with a planned 5,000-ton drydock, will complement the utility services for all systems.

Technological advances this year have served the customer base in many ways. The installation of Kiosks to accept payments was helpful during the recent pandemic. At the same time, participation in customer-based programs was slowed. FPUA found alternate ways to help with customer concerns. We responded to COVID-19 with the commitment to keeping our customers and community safe. In response to the economic impact on our customers, FPUA suspended service disconnects, waived penalties and late fees, reduced the Power Cost Adjustment (PCA) by \$2/Mwh, and set up affordable payment plans for our customers. We were also able to commit \$100,000 to Project Care Relief Fund to assist residential customers with paying their bills.

The local economy was strong up into the second quarter of FY 2020. Interest rates were favorable, and developers continued construction. The financial impact of this pandemic event was minimal to FPUA, and this budget's development. In light of the uncertain economic times, FPUA underwent a stress test by Fitch Bond Ratings to assess any vulnerabilities. It was determined that our current rating of A+ would remain intact. FPUA remains optimistic about the economic rebound of our service area.

FY 2021 AND BEYOND

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 Plan focuses on six key result areas.

Building the Utility/Building the City – FPUA's top goal over the next five 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. The initial pilot program will be completed in FY 2020, with full deployment planned for fiscal years 2021 through 2025. The sale of assets associated with the Vero Tie Lines in December 2019 brought \$2.4M. These funds will finance the beginning of the multi-year project with additional financing needed to fund this, in addition to other system expansion related projects.

Other expansion opportunities will be pursued for the Water and Wastewater infrastructure, which will support current needs and will also support the objective of a future Mainland Water Reclamation Facility (MWRF). FPUA's Water Reclamation Facility currently resides on Hutchinson Island. Relocating this plant would enhance the economic build for the City.

The expansion of the Natural Gas service territory will entice manufacturing businesses to the local area. Current commitments from a local juice processing plant with a desire to expand the size of their operations is driving the current and future capital construction.

Internet service has become an essential service for everyone. FPUAnet communications will be expanding its infrastructure to develop a Smart City with wireless connections. The infrastructure will increase speeds through fiber optics and increase capacity, which will support a larger customer base. FPUA is partnering with the Allegany Franciscan Ministries, the City of Fort Pierce (City), and St. Lucie County to financially support portions of the Smart City project.

Reliability – Electric system reliability and storm hardening projects include the pole replacement budgeted for the 20% replacement per year for the fiscal years 2020 through 2025 for poles previously identified. Yearly testing of utility poles will add to the existing plan for replacement. The project is being supplemented with contractors to expedite the completion within five years. Substation transformer replacement for aging infrastructure will take six years to complete with one per year through FY 2026.

Many other projects geared toward improving reliability also serve to prevent more expensive emergencies from happening. Wastewater pipe lining continues as funding is available, to reduce inflow, infiltration, and exfiltration, and therefore reduce washouts, street repairs, and costs associated with treating stormwater. Recent experiences with storms have revealed vulnerabilities at the Water and Wastewater Operations Plants, which are addressed in the 2021 [Capital budget](#).

Gas reliability will be improved through the replacement or installation of valves, replacing corroded steel mains with polyethylene, looping dead-end mains, and the implementation of a SCADA monitoring system, which will detect pressure fluctuations and avoid 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 3% of employees' time is dedicated to training. Apprenticeship and internship programs have helped develop the specialized skills needed for electric linemen and engineering positions. As the job market has improved, FPUA is enhancing efforts to attract and retain the best-qualified employees for each job. The establishment of a Performance Incentive Plan was initiated to reward superior job performance. FPUA has been voted one of the "Best Places to Work" in St. Lucie County, four times since 2015. We will continue to participate in this program.

Competitive Rates – FPUA compiled a Capital Improvement Plan, which, if entirely 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 the Florida Municipal Power Agency. Electric and Gas rates are monitored on a monthly basis, and adjustments to customer bills are rendered through revisions to the Power Cost Adjustment (PCA), typically as credits in light of the current situation with lower costs of our purchased power.

FPUA Image –We serve our customers in accordance with our mission statement with economical, reliable, and friendly service. The recent rebranding for FPUA brought positive feedback from the community. FPUA has expanded the use of social media to convey messages about all the positive contributions made to the community on a regular basis. We continue to support local organizations that dedicate programs that promote positive change in youth. The involvement is not solely a financial one. Employees give of their time to effect change in the community.

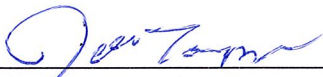
Customer Service - Business Development focuses on assisting new and existing commercial customers seeking to expand their existing facilities has been successful for FY 2020. Commercial customer expansions for several boat manufacturers are slated for FY 2021. FPUA offers residential customers the opportunity to apply for assistance for an evaluation of their home, including repairs, that will enhance energy efficiency and lower their bills. This program is known as the Weatherization & Educational Outreach Program (WEOP) and is administered by FPUA in cooperation with the City of Fort Pierce.

Additional goals and accomplishments are quantified by department in the [Operations and Maintenance](#) section of this budget.

The budgeting process is complex, challenging, and takes a team. We would like to recognize the efforts and expertise of the Director of Utilities, Finance Staff, Directors, Department Heads, and support staff for the many hours dedicated to completing this budget.

FPUA continues to focus on growth and reliability under the direction of the management team. The team also relies on the vision and leadership of the Board. We appreciate the dedication of the Board Members to the mission that we work toward every day.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "John K. Tompeck", written over a horizontal line.

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

A handwritten signature in blue ink, appearing to read "Barbara A. Mika", written over a horizontal line.

Barbara A. Mika, CGFO
Director of Financial Services

What Is A Budget?

The FY 2021 annual budget is presented as a policy document, an operational tool, a financial planning tool, and a link to the strategic plan. In addition, it is also considered a link to the community. This document will be submitted to the Government Finance Officers Association (GFOA) for review and consideration for the Distinguished Budget Award, which Fort Pierce Utilities Authority (FPUA) has received annually since fiscal year 1996. The budget provides significant policy direction from the Board to staff.

The Budget Serves As:

A Policy Document

Decisions made within the budget reflect the general principles or plans that guide the actions taken for the future. As a policy document, the budget links FPUA goals and policy direction to the actual day-to-day activities of the organization. The budget process affords an interesting and challenging opportunity to reassess plans, goals, and the means for accomplishing them.

An Operational Tool

The budget directs the operation of the Utilities Authority. Activities of each function or department have been formalized and described in the Operations and Maintenance section of the document. This section gives an understanding of the various systems of FPUA, how they relate to each other, and to the strategic goals of FPUA and the Board.

A Financial Planning Tool

Traditionally, the budget is a financial planning tool, but it is also a requirement. A balanced budget must be adopted and in place prior to October 1. The budget provides the authority to spend within the means of the approved budget. Revenues are estimated, along with available cash reserves to indicate funds available for spending.

A Link To The Strategic Plan

The budget follows FPUA's mission statement, and the Strategic Plan is an integral part of achieving that mission. The Strategic Plan lays out the direction for FPUA, and the budget is a link to getting there. The key result areas that were developed as a part of the Strategic Plan are linked to specific departments and are incorporated and reflected in their goals and budgets.

A Link With The Community

The budget provides a unique opportunity to encourage the public to review and understand FPUA operations. The document describes company activities, the underlying reasons or causes for those activities, their future implications, and the ways in which they directly impact and relate to our customers.

BUDGET OVERVIEW

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 2018</u>	<u>September 2019</u>	<u>September 2020</u>
Electric	1,000 kWh	\$113.84	\$108.84	\$103.84
Water	6,000 gallons	35.18	36.26	37.14
Wastewater	6,000 gallons	48.24	49.66	49.66
Natural Gas	13 ccf	31.31	30.66	30.72

UNIT SALES

Unit sales levels and customer billings for FY 2020 and FY 2021 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 2020, due to local roadway projects.

Projected unit sales and customer billings are as follows:

	<u>Original Budget FY 2020</u>	<u>Amended Budget FY 2020</u>	<u>Percent Change</u>	<u>Original Budget FY 2021</u>	<u>Percent Change</u>
Electric (MWh)	552,000	547,200	(0.9%)	556,800	1.8%
Water (MG)	2,750,400	2,793,374	1.6%	2,793,374	0.0%
Wastewater (MG)	1,564,400	1,610,896	3.0%	1,610,896	0.0%
Natural Gas (ccf)	4,355,300	4,625,000	6.2%	4,466,000	(3.4%)

The details of unit sales statistics are located on [page 48](#).

The budget reflects the expected number of customer services billed to remain flat in FY 2021:

	<u>FY 2020</u>	<u>FY 2021</u>	<u>Increase (Decrease)</u>	
			<u>#</u>	<u>%</u>
Electric	28,500	28,500	-	0.0%
Water	20,700	20,700	-	0.0%
Wastewater	15,300	15,300	-	0.0%
Natural Gas	4,100	4,100	-	0.0%

REVENUES

The schedule below summarizes total budgeted revenues by utility system:

	<u>Original</u> <u>Budget</u> <u>FY 2020</u>	<u>Amended</u> <u>Budget</u> <u>FY 2020</u>	<u>Percent</u> <u>Change</u>	<u>Original</u> <u>Budget</u> <u>FY 2021</u>	<u>Percent</u> <u>Change</u>
Electric	\$ 69,679,831	\$ 66,379,800	(4.7%)	\$ 67,259,600	1.3%
Water	18,338,623	19,856,500	8.3%	19,577,600	(1.4%)
Wastewater	14,246,652	14,848,700	4.2%	14,297,100	(3.7%)
Natural Gas	4,757,607	5,067,300	6.5%	5,064,000	(0.1%)
MOEC	580,985	517,341	(11.0%)	520,586	0.6%
FPUAnet	1,042,297	794,762	(23.7%)	584,052	(26.5%)
TCEC	2,161,007	2,300,033	6.4%	2,365,680	2.9%
TOTAL REVENUES	<u>\$ 110,807,002</u>	<u>\$ 109,764,436</u>	(0.9%)	<u>\$ 109,668,618</u>	(0.1%)

Staff has estimated sales revenues for FY 2020 and FY 2021 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 2021 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. A reduction in common carrier telecom services occurred in FY 2020. These services are expected to expand in the next few years as infrastructure develops.

The Manatee Observation & Education Center (MOEC) anticipates improvement in attendance and has applied for and is receiving grants that help promote educational understanding about or local eco systems on the Treasure Coast. 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 \$2,300,033 for FY 2020 and \$2,365,680 for FY 2021.

Investment income, has picked up in FY 2020 due to slightly higher interest rates. In the first quarter, CD investments have locked in those rates for varying terms. COVID-19 has caused interest rates to fall which will have a minor impact in the short term and have no effect on this budget document.

The schedule below summarizes total revenues by source:

	Original Budget FY 2020	Amended Budget FY 2020	% of Total	Original Budget FY 2021	% of Total
General Service Sales	\$ 58,825,223	\$ 58,127,800	53.0%	\$ 58,486,200	53.3%
Residential Sales	44,275,677	43,626,100	39.7%	44,139,400	40.3%
Other Operating Revenues	3,404,595	2,446,103	2.2%	2,563,638	2.3%
Non-Operating Revenue	2,965,507	3,151,733	2.9%	3,208,380	2.9%
Capital Contributions:					
Capital Impr. Charges	498,000	739,000	0.7%	739,000	0.7%
Capacity Reductions	-	(27,000)	0.0%	-	0.0%
Contr. Capital - Cash	838,000	660,900	0.6%	332,000	0.3%
Contr. Capital - Non-Cash	-	1,039,800	0.9%	200,000	0.2%
Extraordinary Income	-	-	0.0%	-	0.0%
TOTAL REVENUES	\$ 110,807,002	\$ 109,764,436	100.0%	\$ 109,668,618	100.0%

Other Operating Revenues have decreased from original FY 2020 budgeted amounts in the Water and Wastewater systems as a result of the anticipated continuation of developers exercising capacity reduction options as they had in FY 2018 and FY 2019. In doing so, developers can utilize their excess capacity to reduce the amount owed for guaranteed revenue charges. The identified capacity reductions for FY 2020 are minimal and for FY 2021 are unspecified at this time.

Summary tables and graphs of revenues, as well as a more detailed discussion and presentation thereof, can be found on [pages 58 through 69](#).

PERSONNEL

The number of full-time positions proposed as of September 30, 2021 is seven more than the number of full-time positions approved as of September 30, 2019 in the Original FY 2020 Budget. The following is a summary of the changes in the number of full-time employees since the Original FY 2020 Budget was approved:

Full-time positions September 30, 2019 283

Positions Added in FY 2020:

Cyber Security Analyst, Information Technology Services	1
Senior Plant Operator, Water Reclamation	1
Design engineer, FPUAnet	1

Full-time positions proposed, September 30, 2020 286

Positions Proposed in Original FY 2021 Budget:

Risk Program Manager, Regulatory Affairs	1
Material Warehouse Clerk, Materials Management	1
note: part-time position upgraded to full-time	
Customer Service Representative II, Customer Service	1
HVAC Specialist, Facilities	1

Full-time positions proposed, September 30, 2021 290

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 17 employees participating in the deferred retirement option program (DROP), resulting in savings of \$150,018 in FY 2020 and \$140,359 in FY 2021 for employer retirement contributions, which are not being made for these employees.

PERSONNEL - NUMBER OF FULL-TIME POSITIONS

DEPARTMENT	FINAL 9/30/2018	FINAL 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021
01 Manatee Observation & Education Center	4 P	4 P	4 P	4 P
02 Treasure Coast Energy Center	15 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
14 Regulatory Affairs	-	-	3 *	5 P
15 Human Resources	3	3 D	3 D	3 D
18 Safety	1 P	1 P	1 P	-
21 Finance	13	13	11 *	11
22 Materials Management	6 P	6 D,P	6 D,P	7 D
31 Director of Utility Support Services	2	2	2	2
32 Information Technology Services	17 D	17	17 *	17
35 Facilities	5	5	5	6
41 Community Relations	1	1	1	1
43 Customer Service	26 D	26 D	26 D	27 D
51 Director of Electric & Gas Systems	1	1	1	1
54 Electric Transmission & Distribution	23	25	25	25
55 Electric Operations	23 D	23 D	24 D	24 D
56 Electric & Gas Engineering	11 D	13 D,P	13 D,P	13 D,P
61 Director of Water/Wastewater Systems	1	1	1	1
62 Water Resources	25 D	25 D	25 D	25 D
64 Water Distribution	27 D	27 D	27 D	27 D
66 Water/Wastewater Engineering	12	13 P	13 P	13 P
74 Gas Operations	15 D	15	15	15
82 Water Reclamation	16 D	16 D	16 D	16 D
84 Wastewater Collection	20 D	20	20	20
93 FPUAnet Communications	3	3	4	4
TOTAL	278	283	286	290

D Includes DROP participants

P Excludes part-time positions

* Regulatory Affairs created FY 2020.

Two Finance personnel and one ITS employee were reorganized into this department.

OPERATIONS & MAINTENANCE EXPENSES

The schedule below summarizes budgeted total expenses by major classifications:

	Original Budget <u>FY 2020</u>	Amended Budget <u>FY 2020</u>	Percent Change	Original Budget <u>FY 2021</u>	Percent Change
Purchases for Resale	\$ 48,063,599	\$ 47,708,635	(0.7%)	\$ 46,888,000	(1.7%)
Personnel Services	17,558,568	17,227,151	(1.9%)	18,110,843	5.1%
Employee Benefits	8,741,962	8,927,630	2.1%	9,098,448	1.9%
Contractual Services	7,894,122	7,819,353	(0.9%)	8,311,084	6.3%
Commodities	3,655,407	3,745,050	2.5%	3,707,247	(1.0%)
Depreciation	13,000,000	13,500,000	3.8%	14,000,000	3.7%
Interest Expense	2,799,204	2,815,046	0.6%	2,559,723	(9.1%)
City Distribution	6,268,101	6,276,267	0.1%	6,393,844	1.9%
Other Fixed & Sundry	<u>4,186,796</u>	<u>4,168,777</u>	(0.4%)	<u>4,098,376</u>	(1.7%)
<i>TOTAL</i>	112,167,759	112,187,909	0.0%	113,167,565	0.9%
Less Transfers	<u>2,103,000</u>	<u>2,612,000</u>	24.2%	<u>2,612,000</u>	0.0%
<i>TOTAL</i>					
<i>APPROPRIATION</i>	<u>\$ 110,064,759</u>	<u>\$ 109,575,909</u>	(0.4%)	<u>\$ 110,555,565</u>	0.9%

*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.

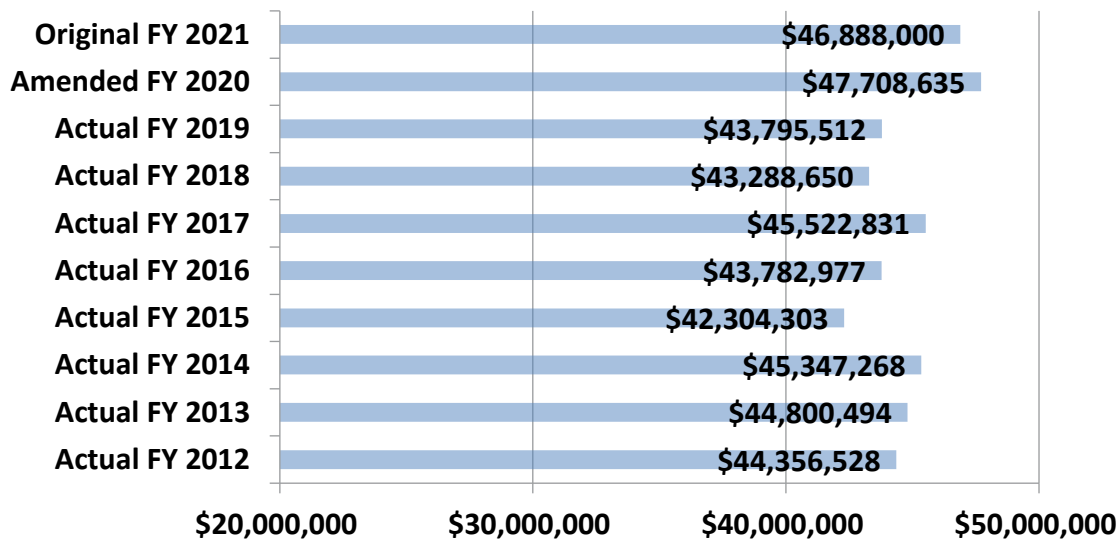
Summary tables and graphs of O&M expenses are located on [pages 71 through 73](#). The details for each department can be found on [pages 78 through 141](#).

In the Amended FY 2020 O&M Budget, expenses before transfers total \$112,187,909, is virtually unchanged from the Original FY 2020 Budget. The Original FY 2021 O&M Budget expenses total \$113,167,565 which is an increase of 0.9% from the Amended FY 2020 Budget, and an increase of 0.9% when compared to the Original FY 2020 Budget, is attributable to a variety of increases and decreases including Purchases for Resale, Employee related expenses, and depreciation.

Explanations for some of the major increases/decreases between the Original FY 2020 Budget and the Amended FY 2020 Budget and the Original FY 2021 Budget are discussed in greater detail below:

- **3360 – Purchases for Resale:** Purchases for Resale is 41% of the FY 2021 operating budget. The chart below illustrates the changes in the cost of purchased power and natural gas over 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 2021 purchases for resale have decreased when compared to the Amended FY 2020 Budget due to decreases in the estimated price of power purchased from FMPA and lower cost of Natural Gas.

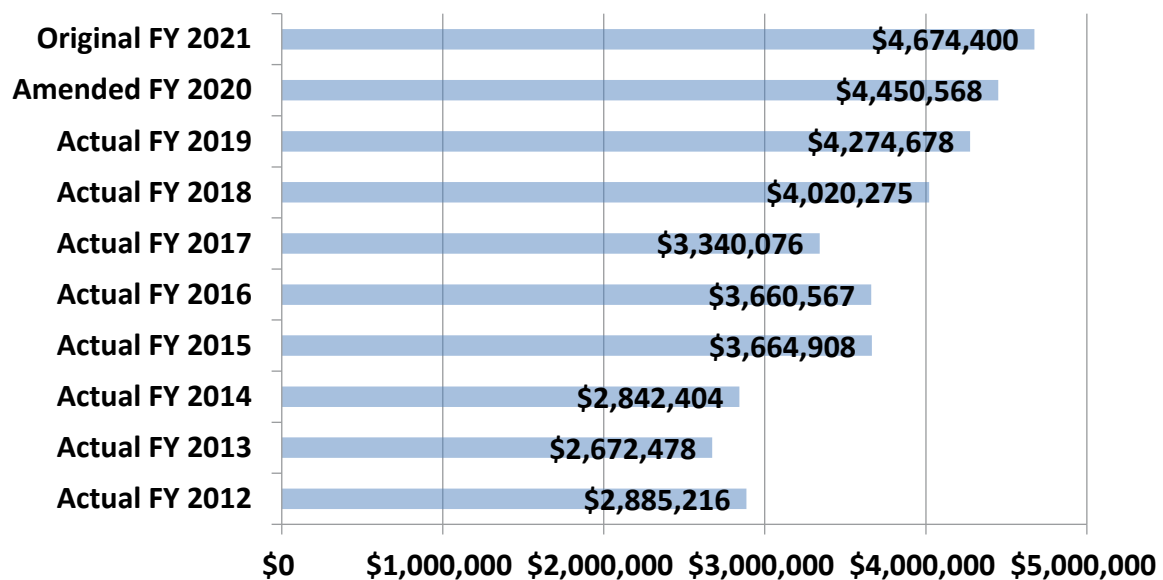
Purchases for Resale



- **1010 – Salaries and Wages:** The personnel head count has increased for FY 2021 due to projected growth. The Amended FY 2020 budget has decreased 2.7% from the Original FY 2020 budget due to employee turnover and vacancies. The FY 2021 budget for salaries and wages has increased 3.5% as compared to the Original FY 2020 budget. Wage increases, in the amount of \$575,979 (general pay increase of 2% plus up to 1.5% for performance incentives) have been included in the FY 2021 Original Budget, but will only be paid if approved separately by the FPUA Board.
- **1020 – Overtime:** The completion of planned outages at the Treasure Coast Energy Center in FY 2020, originally slated for next fiscal year, will be replaced with other project loads for FY 2021, requiring some employees to work additional hours.

- **4050 – Retirement:** The actuarially required employer contribution to the City of Fort Pierce Retirement and Benefit System will decrease from 17.58% in FY 2020 to 16.46% in FY 2021.
- **4070 – Employees’ Insurance:** FPUA is self-insured for employees’ health and dental coverage. Since FY 2015, actual costs have increased an average of 4.2% per year, which is far below industry averages. This trend of modest increases is expected to continue for FY 2020 and FY 2021.

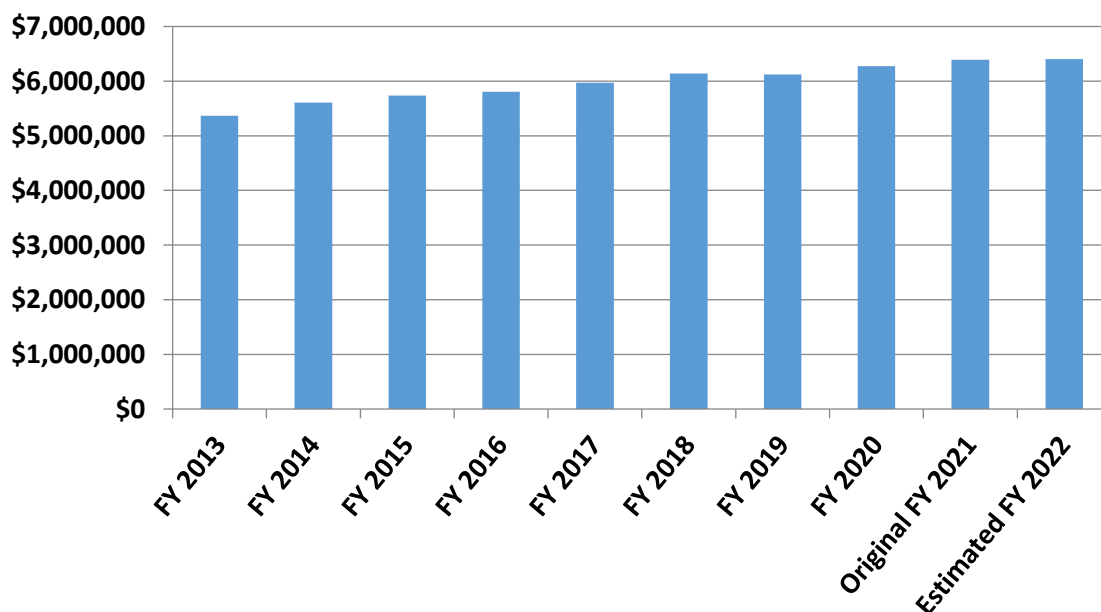
Employees' Insurance



- **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 and prior year accruals, the expense will lessen for fiscal years 2020 and 2021. 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 2020, payable in April 2021, is estimated to be \$6,393,844, up \$117,577 or 1.9% from the FY 2019 distribution paid in April 2020. The distribution for FY 2021, payable in April 2022, is estimated to be \$6,406,623, up slightly by \$12,779 or 0.2% from the distribution for FY 2020.

Distribution to the City of Fort Pierce



- **2250 – Community Relations:** Funding in the amount of \$75,000 has been included in the FY 2020 Amended Budget and increased to \$150,000 in the FY 2021 Original Budget for the Weatherization and Educational Outreach Program to serve qualified low-income homeowners who are FPUA customers. Social distancing has drastically cut the utilization of this budgeted item, which is expected to rebound next year.
- **4700 – Utility Bad Debt Expense:** Recent COVID-19 actions of rescinding cut-offs will eventually end. Strong customer deposit procedures and the implementation of a Customer Payment Plan will help mitigate some of the risk for bad debt. The Utility Bad Debt Expense budget has increased by 33.5% in FY 2020 to cover the anticipated write down of receivables.

- **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.
- **9030 – Depreciation:** Depreciation, which is an allocation of the cost of capital assets over their estimated useful lives, is expected to increase with the capitalization of current projects.

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 54 through 56](#). These schedules reflect the anticipated principal and interest payments due in future periods.

DEBT SERVICE COVERAGE RATIO

The Debt Service Coverage Ratio is detailed, along with other financial ratios, on [page 51](#) and is estimated at 2.74 times for FY 2020, and 2.82 times for FY 2021. 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 2021 Capital Budget totals \$22,214,214, including contingency funding of \$500,000. The CIP totals \$115,059,091 for FY 2021 through FY 2025, 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 34% of the five-year 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 33% of the five-year 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 2020 and spend those funds in FY 2021 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 2021 – FY 2025 CIP consists of the following major projects, which account for 35% of the total:

<u>PROJECT DESCRIPTION</u>	<u>SYSTEM</u>	<u>AMOUNT</u>
Advanced Metering Infrastructure	E,G,W	\$ 8,271,650
System Expansion Projects	G,W,WW, FPUAnet	7,222,000
Wastewater Main Lining	WW	4,058,708
Water Mains Miscellaneous R&R	W	3,911,479
Governmental & Other Required	E,G,W,WW	3,576,187
Substation Transformer Replacement	E	3,568,846
Main/Service/Valve Replacements	W	3,274,501
Storm Hardening	E	3,216,158
New Construction – Commercial	E	3,084,113
Transmission & Distribution Improv	E	3,065,608

The portion of the FY 2021 Capital Budget that will be funded by rates is \$16,428,873, or 74% of the total. Contributions from outside sources are expected to fund 18% of the FY 2021 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 6% of the FY 2021 Capital Budget.

The remaining 2% of the FY 2021 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-three percent of the FY 2021 – FY 2025 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. Twenty-one 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 12% 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 149](#). 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 142](#).

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 \$8,304,682 in FY 2020 and \$7,882,563 in FY 2021. ([See table on page 49](#)). 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.

SUMMARY

Lower projected natural gas prices drive the level projections for revenues 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 21, 2020 FPUA Board meeting.



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 \$50,000 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. 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, 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.

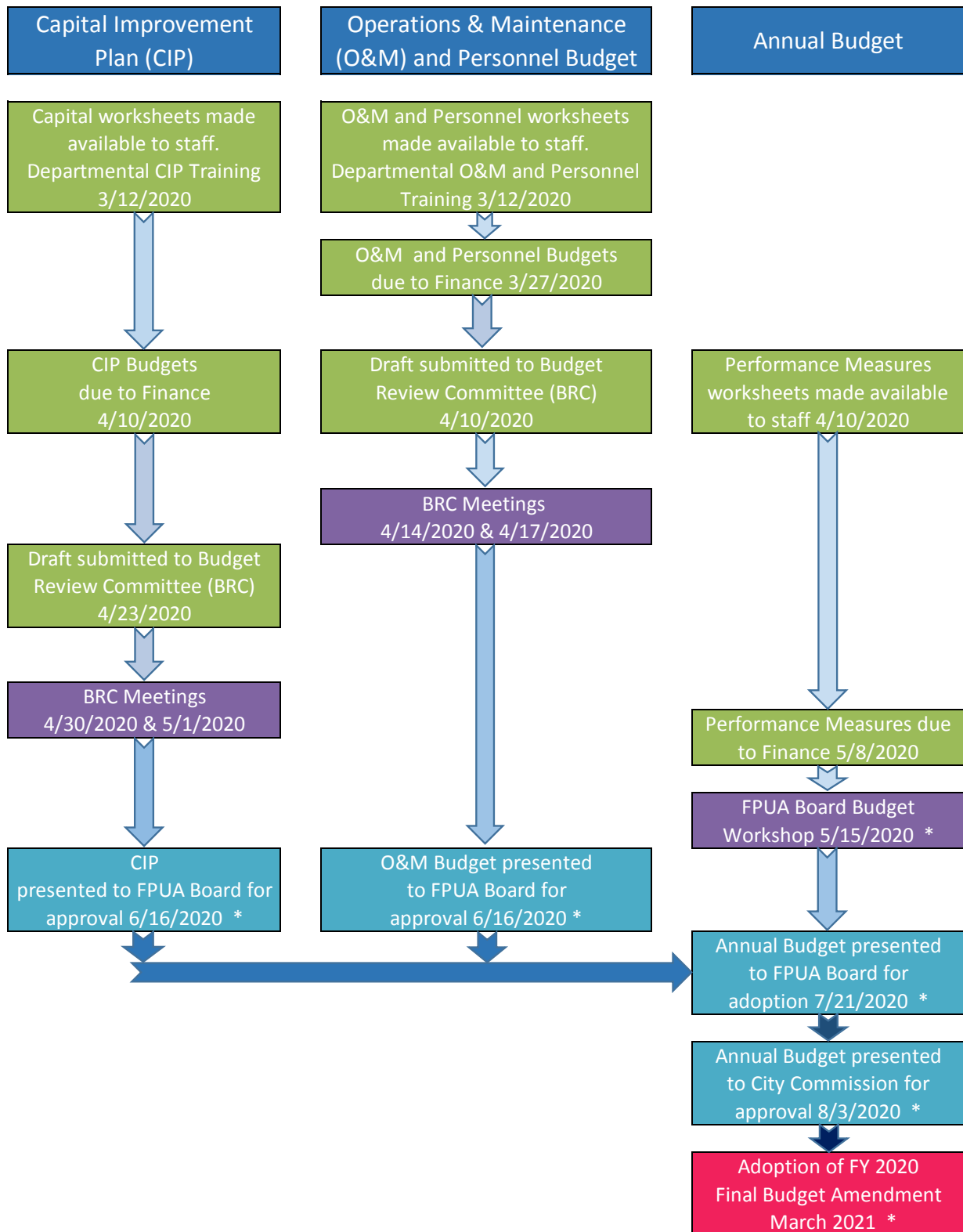
APPROVAL

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



* 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 POLICYPurpose:

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

Responsibility:

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

Types of Investments Allowed and Limitations:

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

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

Risk Management:

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

Investment Techniques:

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

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

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

\$1,501 TO \$10,000

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

\$10,001 TO \$50,000

The Director of Utilities can authorize purchases up to \$50,000. 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 \$50,000

The FPUA Board must approve purchase orders over \$50,000. Purchases more than \$50,000 are handled in the same manner as purchases from \$10,001 to \$50,000 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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
ELECTRIC - MWH				
Residential	233,074	246,354	234,687	238,877
General Service	304,108	312,291	302,960	308,370
Street Lights	3,112	3,216	3,216	3,216
Traffic Signals	798	803	805	805
Rental Lights	6,227	5,979	5,532	5,532
<i>TOTAL</i>	<u>547,319</u>	<u>568,643</u>	<u>547,200</u>	<u>556,800</u>
WATER - 1000's of GALLONS				
Residential	874,690	894,338	889,190	889,190
General Service	1,402,205	1,496,441	1,503,799	1,503,799
Sales for Resale	314,748	343,496	400,385	400,385
<i>TOTAL</i>	<u>2,591,643</u>	<u>2,734,275</u>	<u>2,793,374</u>	<u>2,793,374</u>
NATURAL GAS - CCF				
Residential	440,858	430,370	378,282	357,270
General Service	2,224,479	2,538,305	2,484,279	2,346,291
Heat Only	1,016	588	767	767
Contract Sales	1,635,710	1,688,760	1,761,672	1,761,672
<i>TOTAL</i>	<u>4,302,063</u>	<u>4,658,023</u>	<u>4,625,000</u>	<u>4,466,000</u>
WASTEWATER - 1000's of GALLONS				
Residential	625,727	636,068	634,592	634,592
General Service	908,627	948,318	976,304	976,304
<i>TOTAL</i>	<u>1,534,354</u>	<u>1,584,386</u>	<u>1,610,896</u>	<u>1,610,896</u>

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

AMENDED BUDGET FY 2020	ELECTRIC	WATER	NATURAL GAS	WASTE-WATER	OTHER	TOTAL
REVENUES	\$ 66,379,800	\$ 19,856,500	\$ 5,067,300	\$ 14,848,700	\$ 3,612,136	\$109,764,436
EXPENSES	69,081,629	19,248,806	4,862,297	12,947,512	3,435,665	109,575,909
Change in Net Position	(2,701,829)	607,694	205,003	1,901,188	176,471	188,527
ADD BACK:						
Depreciation	4,466,547	4,893,666	384,700	3,668,318	86,769	13,500,000
Debt Accretion	450,558	437,551	27,326	177,622	-	1,093,057
Restricted CIC's spent in excess of received	-	134,000	-	410,000	-	544,000
Amortization of deferred charges and bond discounts	10,766	6,945	865	3,499	-	22,075
OPEB accrual	3,926	3,543	901	2,453	1,000	11,823
SUBTRACT:						
Principal payments on debt	2,479,382	2,407,805	150,375	977,438	-	6,015,000
Non-Cash Capital Contributions	-	478,900	-	551,600	9,300	1,039,800
FUNDS AVAILABLE FOR CAPITAL AND OTHER	\$ (249,414)	\$ 3,196,694	\$ 468,420	\$ 4,634,042	\$ 254,940	\$ 8,304,682

ORIGINAL BUDGET FY 2021	ELECTRIC	WATER	NATURAL GAS	WASTE-WATER	OTHER	TOTAL
REVENUES	\$ 67,259,600	\$ 19,577,600	\$ 5,064,000	\$ 14,297,100	\$ 3,470,318	\$109,668,618
EXPENSES	68,445,365	20,038,323	5,107,144	13,238,151	3,726,582	110,555,565
Change in Net Position	(1,185,765)	(460,723)	(43,144)	1,058,949	(256,264)	(886,947)
ADD BACK:						
Depreciation	4,637,876	5,057,673	404,439	3,814,940	85,072	14,000,000
Debt Accretion	370,760	360,056	22,487	146,163	-	899,466
Restricted CIC's spent in excess of received	-	334,669	-	-	-	334,669
Amortization of deferred charges and bond discounts	8,831	8,576	536	3,482	-	21,425
OPEB accrual	3,945	3,545	877	2,459	997	11,823
SUBTRACT:						
Principal payments on debt	2,504,527	2,432,223	151,900	987,350	-	6,076,000
Restricted CIC's not spent	-	-	-	221,873	-	221,873
Non-Cash Capital Contributions	-	200,000	-	-	-	200,000
FUNDS AVAILABLE FOR CAPITAL AND OTHER	\$ 1,331,120	\$ 2,671,573	\$ 233,295	\$ 3,816,770	\$ (170,195)	\$ 7,882,563

ESTIMATED DISTRIBUTION TO THE CITY OF FORT PIERCE

AMENDED FY 2020 REVENUE BUDGET	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
GROSS REVENUE	\$ 66,379,800	\$ 19,856,500	\$ 5,067,300	\$ 14,848,700	\$ 3,612,136	\$ 109,764,436
REVERSE:						
Purchased Power & Gas Adjustments	(2,561,800)	-	300,400	-	-	(2,261,400)
Capital Contributions	109,800	781,200	8,800	1,098,600	414,300	2,412,700
Grant Revenue	-	-	-	-	17,500	17,500
FMPA O&M Contract Income	-	-	-	-	2,300,033	2,300,033
Gas Piping & Appliance Revenue	-	-	163,000	-	-	163,000
Gas Piping & Appliance Costs	-	-	(104,200)	-	-	(104,200)
Revenue for City Billing	78,000	56,000	11,000	42,000	200	187,200
Extraordinary Income	-	-	-	-	-	-
MOEC Operating Revenue	-	-	-	-	485,541	485,541
ADJUSTED GROSS REVENUE	\$ 68,753,800	\$ 19,019,300	\$ 4,688,300	\$ 13,708,100	\$ 394,562	\$ 106,564,062
DISTRIBUTION TO CITY PAYABLE IN FY 2021	\$ 4,125,228	\$ 1,141,158	\$ 281,298	\$ 822,486	\$ 23,674	\$ 6,393,844

ORIGINAL FY 2021 REVENUE BUDGET	ELECTRIC	WATER	NATURAL GAS	WASTE- WATER	OTHER	TOTAL
GROSS REVENUE	\$ 67,259,600	\$ 19,577,600	\$ 5,064,000	\$ 14,297,100	\$ 3,470,318	\$ 109,668,618
REVERSE:						
Purchased Power & Gas Adjustments	(1,692,300)	-	187,100	-	-	(1,505,200)
Capital Contributions	60,900	514,300	8,800	562,000	125,000	1,271,000
Grant Revenue	-	-	-	-	10,000	10,000
FMPA O&M Contract Income	-	-	-	-	2,365,680	2,365,680
Gas Piping & Appliance Revenue	-	-	159,000	-	-	159,000
Gas Piping & Appliance Costs	-	-	(101,700)	-	-	(101,700)
Revenue for City Billing	78,000	56,000	11,000	42,000	200	187,200
MOEC Operating Revenue	-	-	-	-	505,586	505,586
ADJUSTED GROSS REVENUE	\$ 68,813,000	\$ 19,007,300	\$ 4,799,800	\$ 13,693,100	\$ 463,852	\$ 106,777,052
DISTRIBUTION TO CITY PAYABLE IN FY 2022	\$ 4,128,780	\$ 1,140,438	\$ 287,988	\$ 821,586	\$ 27,831	\$ 6,406,623

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 \$190,298,000 as of September 30, 2020 and \$189,410,000 as of September 30, 2021.

This projection assumes that capital expenditures will be \$13,000,000 in FY 2020 and are estimated for FY 2021 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 2020 and FY 2021 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 2020 and FY 2021 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 0.48 in the FY 2021 Original Budget shows that for every dollar of internal financing, there will be \$0.48 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 9/30/2019	AMENDED BUDGET 9/30/2020	ORIGINAL BUDGET 9/30/2021
Current Ratio:			
Unrestricted Assets	5.23	4.40	4.22
Restricted Assets	1.27	1.23	1.22
Debt to Equity Ratio	0.51	0.50	0.48
Debt Service Ratio	2.85x	2.74x	2.82x

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 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
Net Position - Beginning of Year	\$ 189,833	\$ 190,109	\$ 190,298
Change in Net Position	276	189	(888)
Net Position - End of Year	\$ 190,109	\$ 190,298	\$ 189,410

BUDGETED STATEMENT OF NET POSITION
(Dollars in Thousands)

	ACTUAL 9/30/18	ACTUAL 9/30/19	AMENDED BUDGET 9/30/20	ORIGINAL BUDGET 9/30/21	CHANGE 9/30/20 TO 9/30/21	
					\$	%
ASSETS AND DEFERRED OUTFLOWS						
ASSETS						
Current Assets:						
Equity in Pooled Cash and Investments	\$ 28,616	\$ 30,506	\$ 26,725	\$ 24,315	\$ (2,410)	(9.02%)
Accounts Receivable, Net of Allowance for Uncollectible Accounts	7,820	7,549	7,755	7,827	72	0.93%
Unbilled Receivables	6,306	5,221	5,221	5,221	-	0.00%
Due from Other Governments	1,962	1,793	1,713	1,213	(500)	(29.19%)
Inventories and Other Current Assets	4,723	4,501	4,490	4,481	(9)	(0.20%)
Restricted Equity in Pooled Cash and Investments	12,831	13,038	12,751	12,893	142	1.11%
Restricted Cash with Fiscal Agent	6,379	6,404	6,432	6,460	28	0.44%
Total Current Assets	68,637	69,012	65,087	62,410	(2,677)	(4.11%)
Noncurrent Assets:						
Capital Assets:						
Utility Plant in Service	455,645	457,592	467,092	477,342	10,250	2.19%
Construction Work in Progress	18,052	17,483	22,833	25,333	2,500	10.95%
Less Accumulated Depreciation	(259,869)	(263,908)	(276,908)	(290,158)	(13,250)	4.78%
Total Capital Assets (net of Accumulated Depreciation)	213,828	211,167	210,667	205,567	(500)	(0.24%)
Other Noncurrent Assets:						
FMPA Working Capital Receivable	1,919	1,919	1,919	1,919	-	0.00%
Preliminary Surveys	68	-	-	-	-	0.00%
Investment in Public Gas Partners Pool	428	359	359	359	-	0.00%
Restricted Equity in Pooled Cash and Investments	6,857	6,857	6,857	6,857	-	0.00%
Total Other Noncurrent Assets	9,272	9,135	9,135	9,135	-	0.00%
Total Noncurrent Assets	223,100	220,302	219,802	214,702	(500)	(0.23%)
TOTAL ASSETS	291,737	289,314	284,889	277,112	(3,177)	(1.12%)
DEFERRED OUTFLOWS OF RESOURCES						
Deferred Pension Outflow	4,772	5,881	8,351	8,939	588	7.04%
Deferred OPEB Outflow	-	114	114	114	-	
Deferred Amount on Debt Refunding	115	97	81	64	(17)	(20.99%)
TOTAL DEFERRED OUTFLOWS OF RESOURCES	4,887	6,092	8,546	9,117	571	6.68%
TOTAL ASSETS AND DEFERRED OUTFLOWS	\$ 296,624	\$ 295,406	\$ 293,435	\$ 286,229	\$ (2,606)	(0.89%)

BUDGETED STATEMENT OF NET POSITION

(Dollars in Thousands)

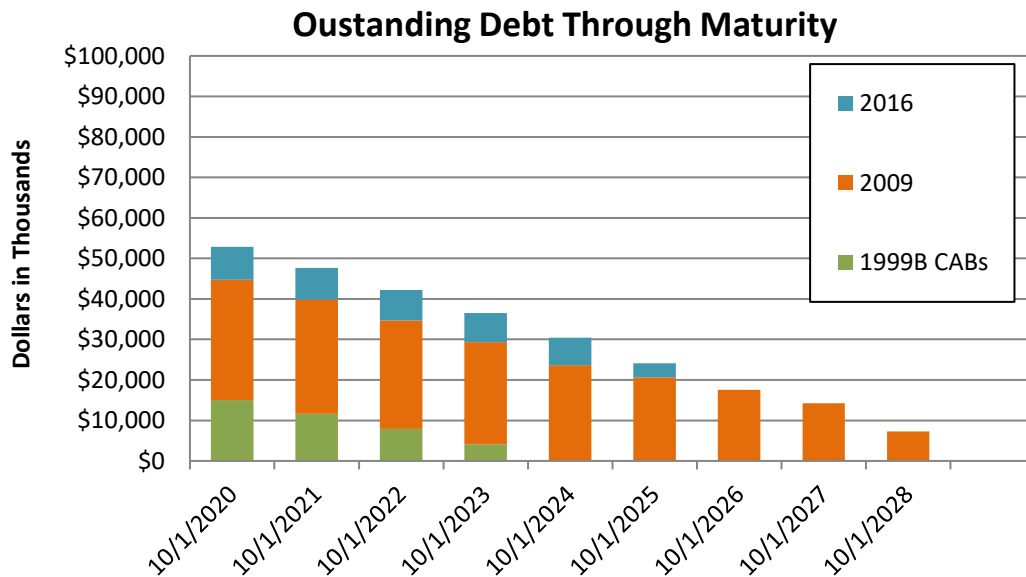
	ACTUAL	ACTUAL	AMENDED	ORIGINAL	CHANGE	
	9/30/18	9/30/19	BUDGET 9/30/20	BUDGET 9/30/21	9/30/20 TO 9/30/21 \$	9/30/20 TO 9/30/21 %
LIABILITIES, DEFERRED INFLOWS AND NET POSITION						
LIABILITIES						
Current Liabilities:						
Accounts Payable and Accrued Expenses	\$ 8,977	\$ 7,969	\$ 8,929	\$ 8,680	\$ (249)	(2.79%)
Due to City of Fort Pierce	802	858	858	858	-	0.00%
Customer Deposits	8,280	8,481	8,734	8,987	253	2.90%
Revenue Bonds Payable - restricted assets	5,897	5,953	6,015	6,076	61	1.01%
Accrued Interest Payable - restricted assets	881	853	823	792	(31)	(3.77%)
Capital Leases Payable	24	29	34	40	6	17.65%
Other Current Liabilities	735	623	620	616	-	0.00%
Total Current Liabilities	25,596	24,766	26,013	26,049	40	0.15%
Noncurrent Liabilities:						
Revenue Bonds Payable, Net of						
Unamortized Discounts	62,403	57,728	52,812	47,641	(5,171)	(9.79%)
Accrued Compensated Absences	2,015	2,211	2,211	2,211	-	0.00%
Other Post Employment Benefits Obligation	856	989	1,001	1,012	11	1.10%
Net Pension Liability	7,408	11,606	12,818	13,104	286	2.23%
Due to St Lucie County	-	-	-	-	-	0.00%
Capital Leases Payable	114	85	51	11	(40)	(78.43%)
Total Noncurrent Liabilities	72,796	72,619	68,893	63,979	(4,914)	(7.13%)
TOTAL LIABILITIES	98,392	97,385	94,906	90,028	(4,874)	(5.14%)
DEFERRED INFLOWS OF RESOURCES						
Purchased Power and Gas Over-Recovery	4,482	4,881	3,942	2,200	(1,742)	(44.19%)
Deferred Pension Inflow	3,874	2,994	4,252	4,554	302	7.10%
Deferred OPEB Inflow	43	37	37	37	-	0.00%
Total Deferred Inflows of Resources	8,399	7,912	8,231	6,791	(1,440)	(17.49%)
NET POSITION						
Net Investment in Capital Assets	161,387	160,527	164,669	164,121	(548)	(0.33%)
Restricted for Capital Improvement Charges	4,152	4,155	3,611	3,498	(113)	(3.13%)
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	17,437	18,570	15,161	14,934	(227)	(1.50%)
Total Net Position	189,833	190,109	190,298	189,410	(888)	(0.47%)
TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION	\$ 296,624	\$ 295,406	\$ 293,435	\$ 286,229	\$ (7,202)	(2.45%)

*Net Investment in Capital Assets has been restated for FY 2018 in accordance with GASB Statement No. 34

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, 2020 they consist of:

- \$10,223,000 Utilities Revenue Capital Appreciation Bonds, Series 1999B, yield varying from 5.88% to 5.90%. Future bond maturity dates October 1, 2020 through October 1, 2024 carry principal amounts totaling \$21,685,000 due in those years in annual amounts ranging from \$4,335,000 to \$4,340,000. The accreted value as of June 30, 2020 was \$19,097,250.
- \$34,800,000 Utilities Refunding Revenue Bonds, Series 2009, interest varying from 4.00% to 5.00%. The bonds mature October 1, 2020 through October 1, 2029, with annual principal amounts ranging from \$1,360,000 to \$7,285,000. The outstanding balance as of June 30, 2020 was \$31,025,000.
- \$9,545,000 Utilities Revenue Bond, Series 2016, interest fixed at 2.14%. Future bond maturity dates October 1, 2020 through October 1, 2026 carry annual principal amounts ranging from \$315,000 to \$3,451,000. The outstanding balance as of June 30, 2020 was \$8,468,000.



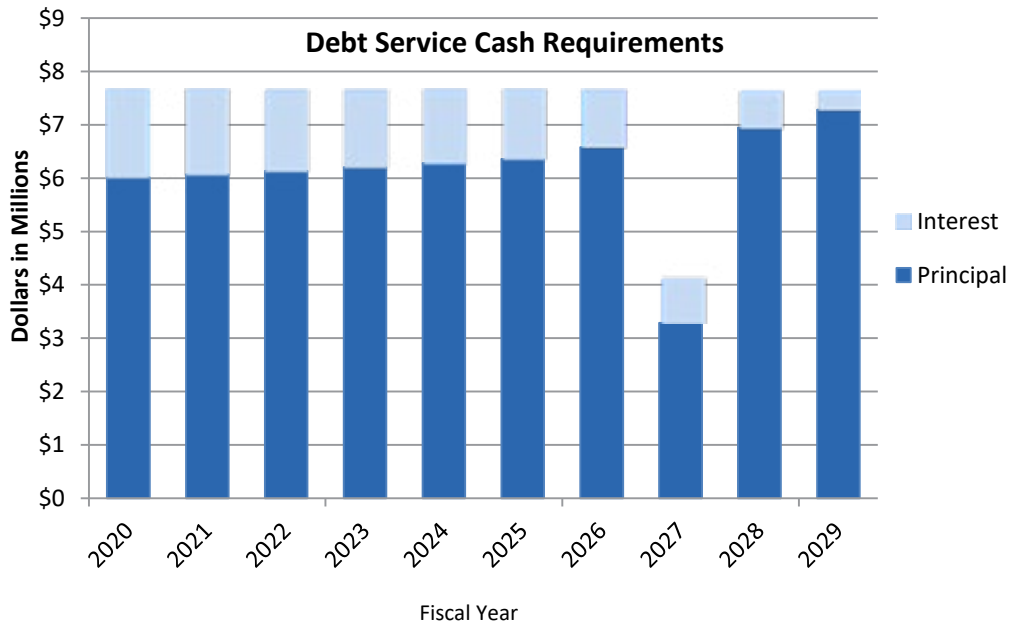
DEBT SERVICE

Following is a summary of each system's cost of borrowed money, including principal repayments and interest expense associated with the retirement of outstanding bonded debt. FPUA does not have a legally mandated debt limit. This schedule includes accretion of Capital Appreciation Bonds, which is not included in the calculation of debt service coverage.

	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>ELECTRIC</u>				
Principal	\$ 2,430,743	\$ 2,453,827	\$ 2,479,383	\$ 2,504,527
Interest	1,321,222	1,228,013	1,128,657	1,023,657
<i>Total</i>	<u>3,751,965</u>	<u>3,681,840</u>	<u>3,608,040</u>	<u>3,528,184</u>
<u>WATER</u>				
Principal	2,360,569	2,382,986	2,407,805	2,432,223
Interest	1,283,079	1,192,561	1,096,073	994,105
<i>Total</i>	<u>3,643,648</u>	<u>3,575,547</u>	<u>3,503,878</u>	<u>3,426,328</u>
<u>NATURAL GAS</u>				
Principal	147,425	148,825	150,375	151,900
Interest	80,132	74,479	68,453	62,085
<i>Total</i>	<u>227,557</u>	<u>223,304</u>	<u>218,828</u>	<u>213,985</u>
<u>WASTEWATER</u>				
Principal	958,263	967,362	977,437	987,350
Interest	520,860	484,115	444,946	403,552
<i>Total</i>	<u>1,479,123</u>	<u>1,451,477</u>	<u>1,422,383</u>	<u>1,390,902</u>
<i>TOTAL ALL SYSTEMS</i>	<u><u>\$ 9,102,293</u></u>	<u><u>\$ 8,932,168</u></u>	<u><u>\$ 8,753,129</u></u>	<u><u>\$ 8,559,399</u></u>
<u>SUMMARY</u>				
Principal	\$ 5,897,000	\$ 5,953,000	\$ 6,015,000	\$ 6,076,000
Interest	3,205,293	2,979,168	2,738,129	2,483,399
<i>Total</i>	<u><u>\$ 9,102,293</u></u>	<u><u>\$ 8,932,168</u></u>	<u><u>\$ 8,753,129</u></u>	<u><u>\$ 8,559,399</u></u>

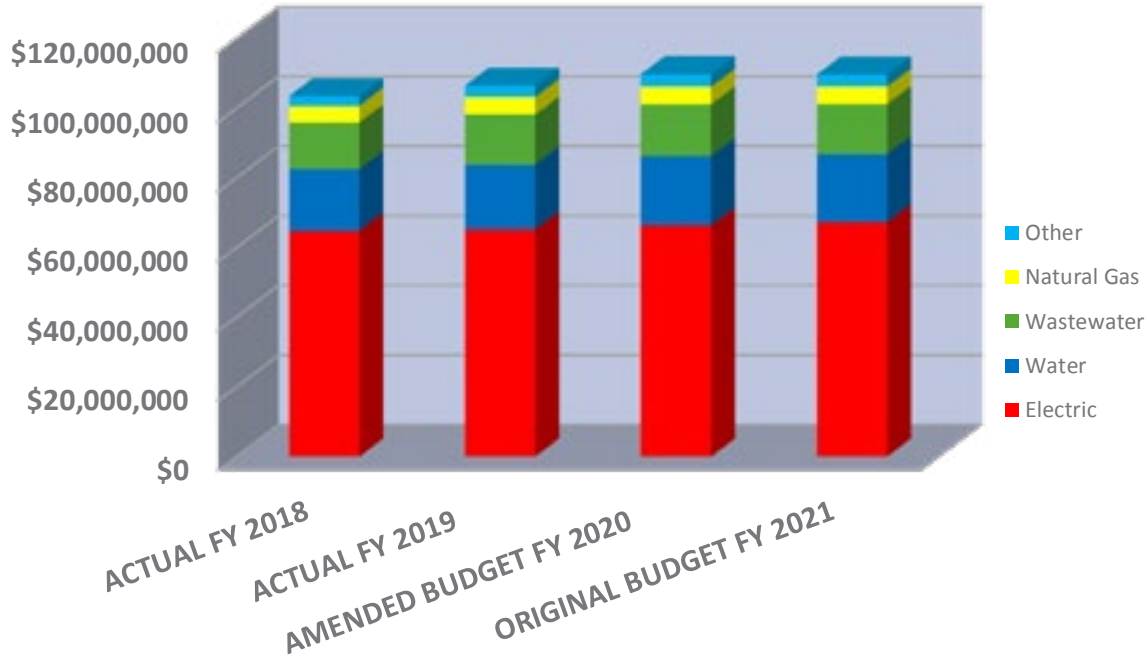
DEBT SERVICE CASH REQUIREMENTS BY FISCAL YEAR

<u>Year Ending September 30</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
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	\$ 61,178,000	\$ 11,851,651	\$ 73,029,651



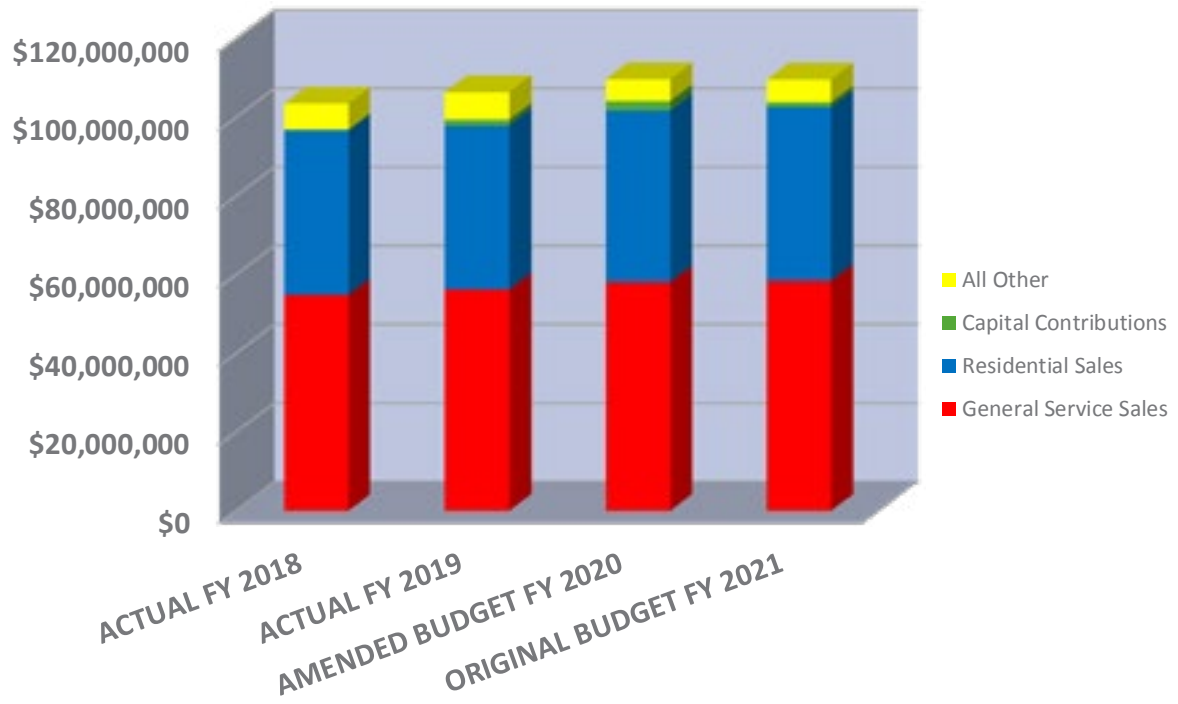


REVENUES BY SYSTEM



	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
Electric	\$ 64,884,346	\$ 65,190,831	\$ 66,379,800	\$ 67,259,600
Water	17,692,411	18,655,668	19,856,500	19,577,600
Wastewater	13,357,912	14,350,931	14,848,700	14,297,100
Natural Gas	4,790,379	5,021,822	5,067,300	5,064,000
Other	2,765,525	3,270,286	3,612,136	3,470,318
Total Revenues	\$ 103,490,573	\$ 106,489,538	\$ 109,764,436	\$ 109,668,618

FPUA staff estimated unit sales and sales revenues for FY 2020 and FY 2021 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 2019 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.

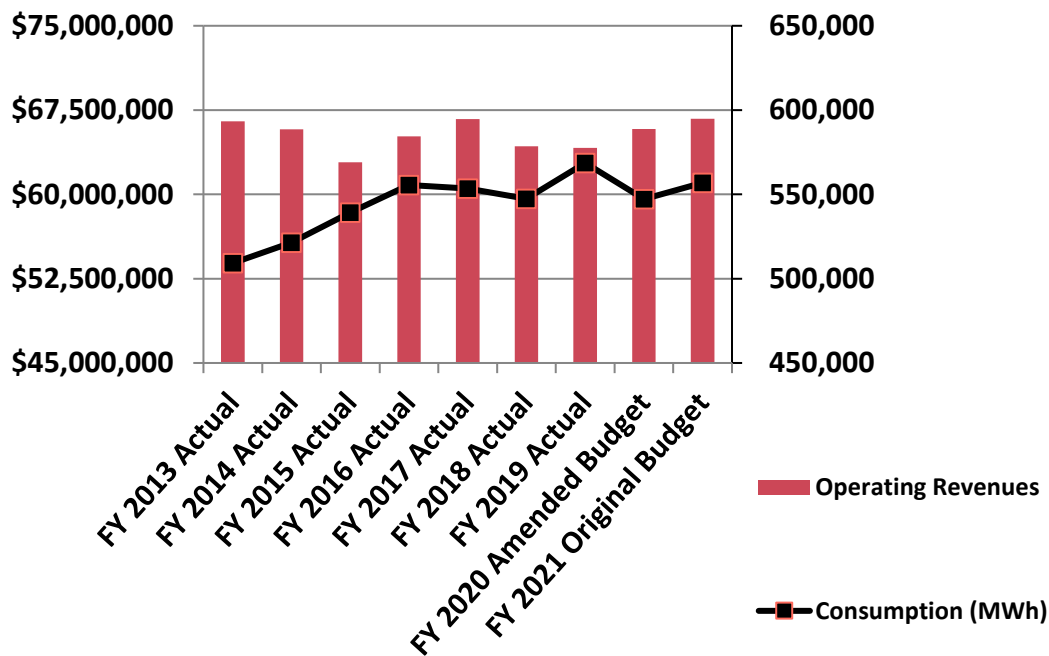
REVENUES BY SOURCE


	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
General Service Sales	\$ 54,873,845	\$ 56,241,487	\$ 58,127,800	\$ 58,486,200
Residential Sales	41,730,690	41,751,207	43,626,100	44,139,400
Capital Contributions	291,443	1,500,771	2,412,700	1,271,000
All Other	6,594,595	6,996,073	5,597,836	5,772,018
Total Revenues	\$ 103,490,573	\$ 106,489,538	\$ 109,764,436	\$ 109,668,618

In FY 2021, FPUA expects to generate 94.7% of its revenues through rates charged to customers, the power cost adjustment (PCA), and the purchased gas adjustment (PGA). Of those sales, 57.0% is from general service sales, and 43.0% is from residential sales. The remaining 5.3% 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 2021 Electric operating revenues is expected to increase \$1 million, or 1.4%, from the Amended Budget for FY 2020. Both the Amended FY 2020 and Original FY 2021 projections are greater, when compared to FY 2019 actual. These increases are primarily attributable to decreases in the Power Cost Adjustment (PCA) budgeted for FY 2021.

It is estimated that FPUA will purchase approximately 580,000 MWh and sell approximately 556,800 MWh for FY 2021. These estimates reflect an unaccounted for, line loss factor, of 4%. The electric power cost is projected to be \$45 million or \$77.60 per MWh purchased for FY 2021. Based upon budgeted unit sales at current rates, electric sales revenues for FY 2021 will be approximately \$65.6 million.

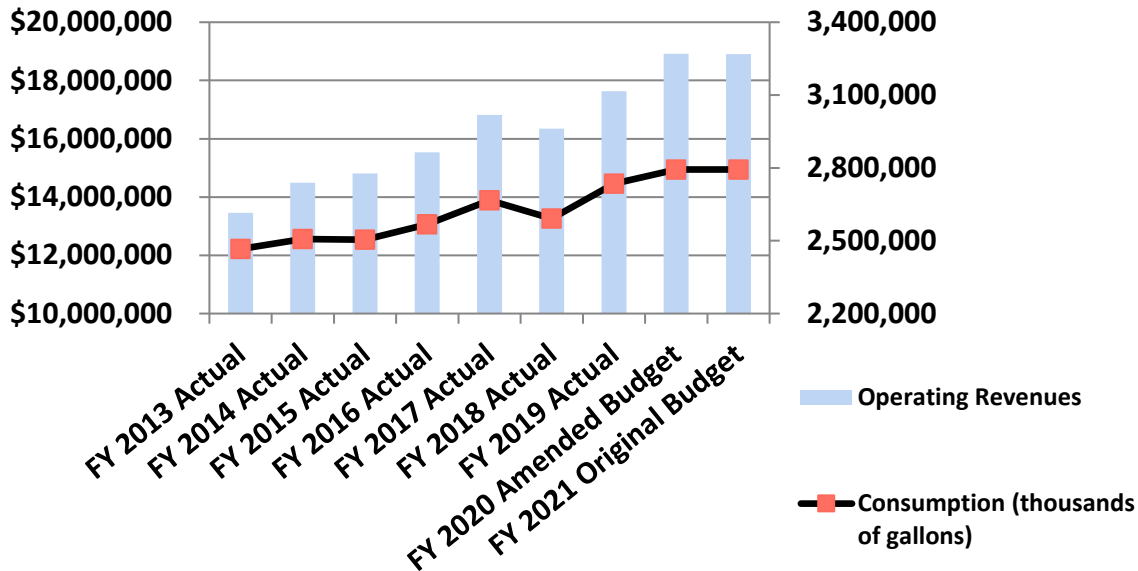
Based upon a review of historical customer statistics and the most recent plans for new development, it is expected that electric customer services billed will remain flat from FY 2020 to FY 2021.

ELECTRIC REVENUES

	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>OPERATING REVENUES</u>				
<i>SALES OF ELECTRICITY:</i>				
<i>RESIDENTIAL SALES:</i>				
Inside City	\$ 22,957,381	\$ 24,237,597	\$ 24,400,100	\$ 24,400,100
Outside City	5,648,497	5,955,105	5,979,400	5,979,400
<i>GENERAL SERVICE:</i>				
Inside City	29,398,665	29,973,214	29,840,000	29,840,000
Outside City	5,268,471	5,455,701	5,395,000	5,395,000
<i>POWER COST ADJUSTMENT:</i>				
Residential	(968,116)	(1,582,038)	(1,309,700)	(812,300)
General Service	(1,209,331)	(1,748,390)	(1,252,100)	(880,000)
UNBILLED SERVICE REVENUE	414,200	(872,500)	-	-
<i>RENTAL LIGHTS:</i>				
Residential	75,531	75,257	74,600	74,600
General Service	1,128,004	1,097,820	1,095,700	1,095,700
STREETLIGHTS & TRAFFIC SIGNALS	508,296	515,225	515,200	515,200
<i>TOTAL</i>	63,221,598	63,106,991	64,738,200	65,607,700
<i>OTHER OPERATING REVENUES</i>	1,064,936	1,024,696	1,071,100	1,130,300
<i>TOTAL OPERATING REVENUES</i>	64,286,534	64,131,687	65,809,300	66,738,000
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	227,625	336,691	412,300	412,300
REVENUE FOR CITY BILLING	82,761	77,931	78,000	78,000
MISCELLANEOUS INCOME	270,401	7,715	7,000	7,000
GAIN (LOSS) ON DISPOSITION OF PROPERTY	(134,464)	(33,025)	(36,600)	(36,600)
GRANT REVENUE	4,724	371,085	-	-
<i>TOTAL NON-OPERATING REVENUES</i>	451,047	760,397	460,700	460,700
<i>REVENUES BEFORE CAPITAL CONTRIBUTIONS</i>	64,737,581	64,892,084	66,270,000	67,198,700
<u>CONTRIBUTED CAPITAL - CASH</u>	146,765	201,264	109,800	60,900
<i>REVENUES BEFORE EXTRAORDINARY ITEMS</i>	64,884,346	65,093,348	66,379,800	67,259,600
<u>EXTRAORDINARY INCOME</u>	-	97,483	-	-
<u>TOTAL REVENUES</u>	\$ 64,884,346	\$ 65,190,831	\$ 66,379,800	\$ 67,259,600

WATER REVENUES

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



FY 2021 Water operating revenues are expected to stay relatively flat when compared to the Amended FY 2020 levels. Adjustments to the Bulk Water Agreement with St. Lucie County is the reason for the revenue increase in FY 2020 and forward.

Consumption is expected to increase by 2.2% for FY 2021 as compared to Actual for FY 2019. However, the Amended FY 2020 is anticipated to be flat to FY 2021. It is estimated that FPUA will sell approximately 2.8 billion gallons of water in FY 2021. Based upon these unit sales at current rates, water sales revenue for FY 2021 will be approximately \$18.7 million.

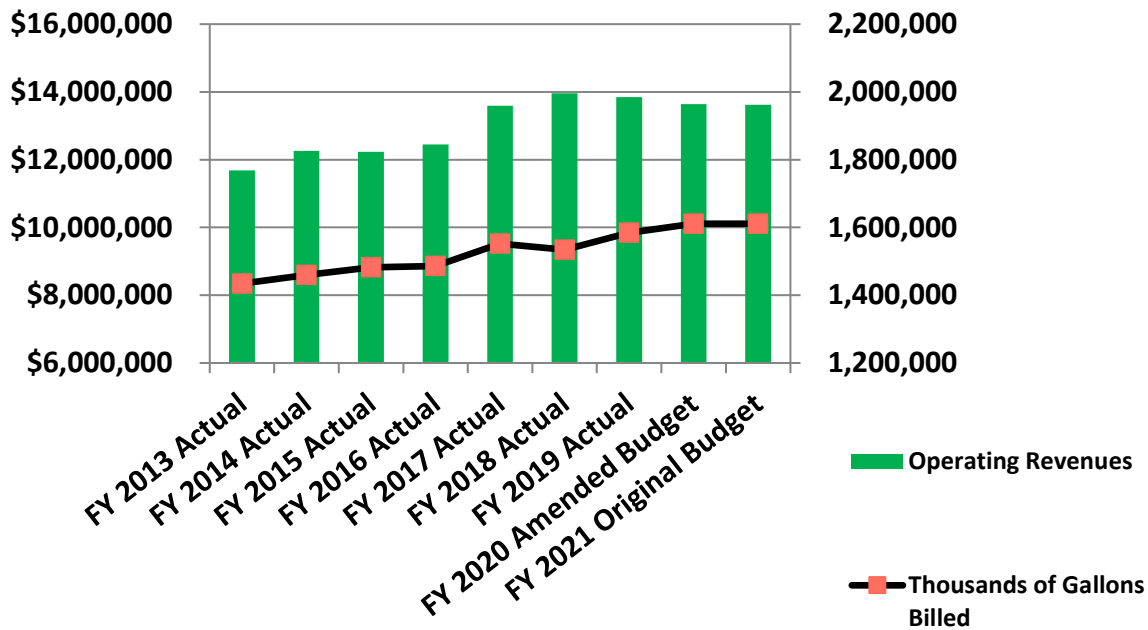
While some new development has begun, the uncertainty of the market has kept projections of the number of water customer services billed, flat from FY 2020 to FY 2021.

WATER REVENUES

	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>OPERATING REVENUES</u>				
<i>SALES OF WATER:</i>				
<i>RESIDENTIAL SALES:</i>				
Inside City	\$ 4,833,809	\$ 5,063,018	\$ 5,298,900	\$ 5,298,900
Outside City	1,820,473	1,964,062	2,106,600	2,106,600
<i>GENERAL SERVICE:</i>				
Inside City	5,726,499	5,964,169	5,941,600	5,941,600
Outside City	2,485,777	2,877,613	3,088,900	3,088,900
UNBILLED SERVICE REVENUE	154,700	13,000	-	-
SALES FOR RESALE	893,884	1,061,407	2,132,200	2,132,200
UNMETERED FIRE PROTECTION	155,552	164,872	170,400	170,400
<i>TOTAL</i>	16,070,694	17,108,141	18,738,600	18,738,600
<i>OTHER OPERATING REVENUES</i>	276,059	526,326	181,100	169,100
<i>TOTAL OPERATING REVENUES</i>	16,346,753	17,634,467	18,919,700	18,907,700
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	46,271	80,603	98,600	98,600
GRANT REVENUE	146,271	27,296	-	-
REVENUE FOR CITY BILLING	50,581	56,123	56,000	56,000
MISCELLANEOUS INCOME	11,648	950	1,000	1,000
<i>TOTAL NON-OPERATING REVENUES</i>	254,771	164,972	155,600	155,600
<i>REVENUES BEFORE CAPITAL CONTRIBUTIONS</i>	16,601,524	17,799,439	19,075,300	19,063,300
<u>CAPITAL CONTRIBUTIONS</u>				
CAPITAL IMPROVEMENT CHARGES	481,935	374,268	177,000	177,000
CAPACITY REDUCTIONS	(181,900)	-	(12,000)	-
CONTRIBUTED CAPITAL - CASH	420,076	421,557	137,300	137,300
CONTRIBUTED CAPITAL - NONCASH	370,776	60,404	478,900	200,000
<i>TOTAL CAPITAL CONTRIBUTIONS</i>	1,090,887	856,229	781,200	514,300
<u>TOTAL REVENUES</u>	<u>\$ 17,692,411</u>	<u>\$ 18,655,668</u>	<u>\$ 19,856,500</u>	<u>\$ 19,577,600</u>

WASTEWATER REVENUES

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



Total FY 2021 Wastewater operating revenues are expected to be consistent with the Amended FY 2020 levels and approximately 1.6% less than Actual FY 2019. The increases experienced in fiscal years 2018 and FY 2019 related to 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 2021.

It is estimated that FPUA will bill approximately 1.6 billion gallons during FY 2021. At current rates, wastewater charges for FY 2021 are estimated to be \$13.6 million.

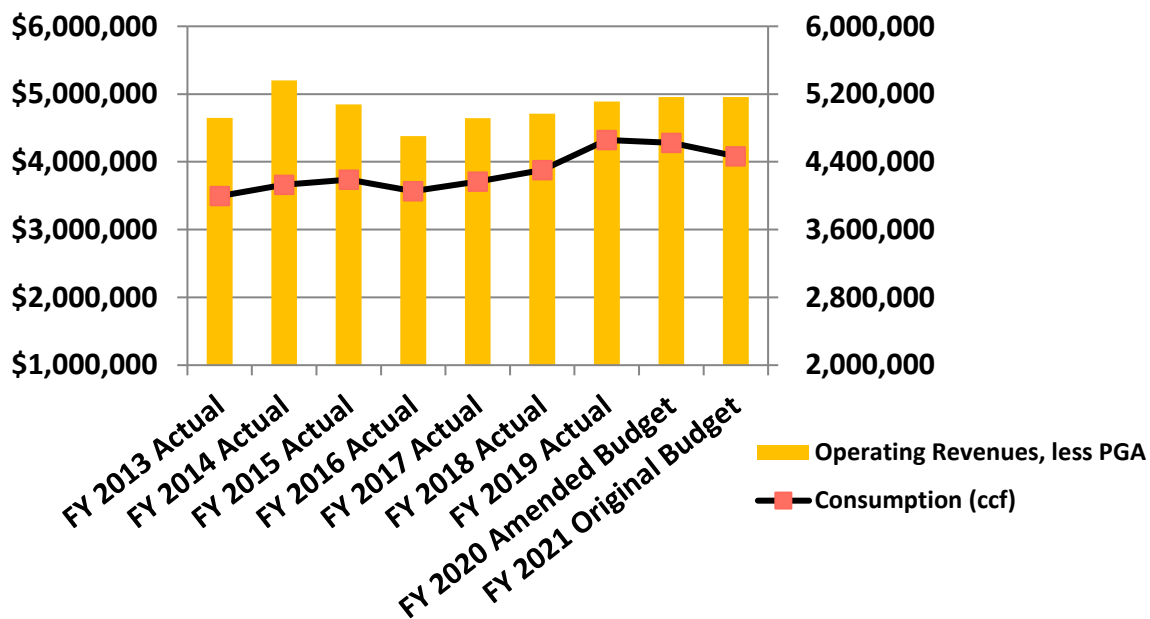
While some new development has begun, the uncertainty of the market has kept projections for the number of wastewater customer services billed, flat from FY 2020 to FY 2021.

WASTEWATER REVENUES

	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>OPERATING REVENUES</u>				
WASTEWATER CHARGES:				
RESIDENTIAL:				
Inside City	\$ 4,891,994	\$ 5,137,620	\$ 5,239,500	\$ 5,239,500
Outside City	583,072	604,543	652,700	652,700
GENERAL SERVICE:				
Inside City	5,594,298	5,554,729	5,392,200	5,392,200
Outside City	1,076,983	1,154,742	1,107,400	1,107,400
REVENUE FROM ST. LUCIE COUNTY	421,171	578,916	981,500	981,500
UNBILLED SERVICE REVENUE	95,000	(81,600)	-	-
TOTAL	12,662,518	12,948,950	13,373,300	13,373,300
OTHER OPERATING REVENUES	1,298,104	898,161	264,900	249,900
TOTAL OPERATING REVENUES	13,960,622	13,847,111	13,638,200	13,623,200
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	38,212	61,063	69,100	69,100
REVENUE FOR CITY BILLING	44,142	41,652	42,000	42,000
GRANT REVENUE	295,945	21,030	-	-
MISCELLANEOUS INCOME	1,095	1,454	800	800
GAIN (LOSS) ON DISPOSITION OF PROPERTY	-	-	-	-
TOTAL NON-OPERATING REVENUES	379,394	125,199	111,900	111,900
REVENUES BEFORE CAPITAL CONTRIBUTIONS	14,340,016	13,972,310	13,750,100	13,735,100
<u>CAPITAL CONTRIBUTIONS</u>				
CAPITAL IMPROVEMENT CHARGES	333,417	373,949	562,000	562,000
CAPACITY REDUCTIONS	(1,192,500)	-	(15,000)	-
CONTRIBUTED CAPITAL - CASH	(202,079)	-	-	-
CONTRIBUTED CAPITAL - NONCASH	79,058	4,672	551,600	-
TOTAL CAPITAL CONTRIBUTIONS	(982,104)	378,621	1,098,600	562,000
TOTAL REVENUES	\$ 13,357,912	\$ 14,350,931	\$ 14,848,700	\$ 14,297,100

NATURAL GAS

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



Budgeted operating revenues for Natural Gas in FY 2021 are expected to be consistent with the Amended FY 2020 levels.

Staff estimates that FPUA will purchase approximately 4,768,000 ccf in FY 2020 and approximately 4,604,000 ccf in FY 2021. At current rates, natural gas sales revenues for FY 2021 will be approximately \$4.9 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 2020 to FY 2021. FPUA continues to promote commercial natural gas usage. Expansion of the Natural Gas service area is expected to bring additional manufacturing customers to Fort Pierce. 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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>OPERATING REVENUES</u>				
<i>SALES OF NATURAL GAS:</i>				
<i>RESIDENTIAL SALES:</i>				
Inside City	\$ 1,060,094	\$ 1,062,375	\$ 1,073,200	\$ 1,084,000
Outside City	174,178	176,253	181,000	186,000
<i>GENERAL SERVICE:</i>				
Inside City	2,033,761	2,314,606	2,358,800	2,430,000
Outside City	478,871	518,438	555,800	573,000
<i>CONTRACT SALES:</i>				
Commercial	211,518	218,731	215,400	213,000
Industrial	187,191	190,177	202,300	215,000
<i>HEAT ONLY:</i>				
Residential	6,968	6,343	6,300	6,300
General Service	2,088	1,695	2,600	2,600
<i>PURCHASED GAS ADJUSTMENT:</i>				
Residential	(24,591)	(44,610)	(84,500)	(85,400)
General Service	512,147	347,822	384,900	272,500
COMPRESSED NATURAL GAS	-	7,282	8,000	9,000
UNBILLED SERVICE REVENUE	7,500	29,500	-	-
TOTAL	4,649,725	4,828,612	4,903,800	4,906,000
<i>OTHER OPERATING REVENUES</i>	61,343	59,393	53,900	49,900
<i>TOTAL OPERATING REVENUES</i>	4,711,068	4,888,005	4,957,700	4,955,900
<u>NON-OPERATING REVENUES</u>				
INVESTMENT INCOME	14,684	25,126	30,800	30,800
REVENUE FOR CITY BILLING	9,716	11,307	11,000	11,000
GAS PIPING & APPLIANCE SALES	73,086	183,216	163,000	159,000
GAS PIPING & APPLIANCE COSTS	(44,776)	(124,404)	(104,200)	(101,700)
GAIN (LOSS) ON DISPOSITION OF PROPERTY	317	-	-	-
MISCELLANEOUS INCOME	7,000	26	200	200
<i>TOTAL NON-OPERATING REVENUES</i>	60,027	95,271	100,800	99,300
<i>REVENUES BEFORE CAPITAL CONTRIBUTIONS</i>	4,771,095	4,983,276	5,058,500	5,055,200
<u>CONTRIBUTED CAPITAL - CASH</u>	19,284	38,546	8,800	8,800
TOTAL REVENUES	\$ 4,790,379	\$ 5,021,822	\$ 5,067,300	\$ 5,064,000

MANATEE OBSERVATION & EDUCATION CENTER REVENUES

	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>OPERATING REVENUES</u>				
FPUA CONTRIBUTION	\$ 208,944	\$ 221,606	\$ 291,541	\$ 272,086
GIFT SHOP SALES	143,029	141,114	130,000	155,000
BOAT TOURS	34,051	20,693	15,000	20,000
DONATIONS	3,631	6,912	6,000	7,000
ADMISSIONS	18,706	19,354	18,000	21,500
TEACHING INCOME & CAMPS	24,446	16,676	15,000	20,000
MEMBERSHIPS	80	1	5,000	5,000
FUND RAISING INCOME	2,193	2,504	5,000	5,000
TOTAL OPERATING REVENUES	435,080	428,860	485,541	505,586
<u>NON-OPERATING REVENUES</u>				
INVESTMENT AND OTHER INCOME	1,014	-	-	-
GRANT REVENUE	9,580	3,570	17,500	10,000
GAIN (LOSS) ON DISPOSITION OF PROPERTY	5,319	61,889	5,000	5,000
TOTAL NON-OPERATING REVENUES	15,913	65,459	22,500	15,000
CONTRIBUTED CAPITAL - NONCASH	13,574	-	9,300	-
TOTAL REVENUES	\$ 464,567	\$ 494,319	\$ 517,341	\$ 520,586

FPUAnet COMMUNICATIONS REVENUES

	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>OPERATING REVENUES</u>				
DEDICATED INTERNET ACCESS	\$ 158,195	\$ 177,199	\$ 202,498	\$ 263,248
FIBER BANDWIDTH CONNECTIONS	120,050	124,377	129,592	136,072
COMMON CARRIER TELECOM SERVICES	133,222	103,374	-	-
DARK FIBER TRANSMISSION	33,926	33,300	32,062	35,268
WIRELESS BROADBAND INTERNET ACCESS	19,095	19,012	17,900	17,005
WIRELESS BANDWIDTH CONNECTIONS	5,501	5,287	5,010	4,759
OTHER OPERATING REVENUES	-	2,323	2,500	2,500
TOTAL OPERATING REVENUES	469,989	464,872	389,562	458,852
<u>NON-OPERATING REVENUES</u>				
REVENUE FOR CITY BILLING	-	187	200	200
REVENUES BEFORE CAPITAL CONTRIBUTIONS	469,989	465,059	389,762	459,052
<u>CONTRIBUTED CAPITAL - CASH</u>	3,037	26,111	405,000	125,000
TOTAL REVENUES	\$ 473,026	\$ 491,170	\$ 794,762	\$ 584,052

TREASURE COAST ENERGY CENTER REVENUES

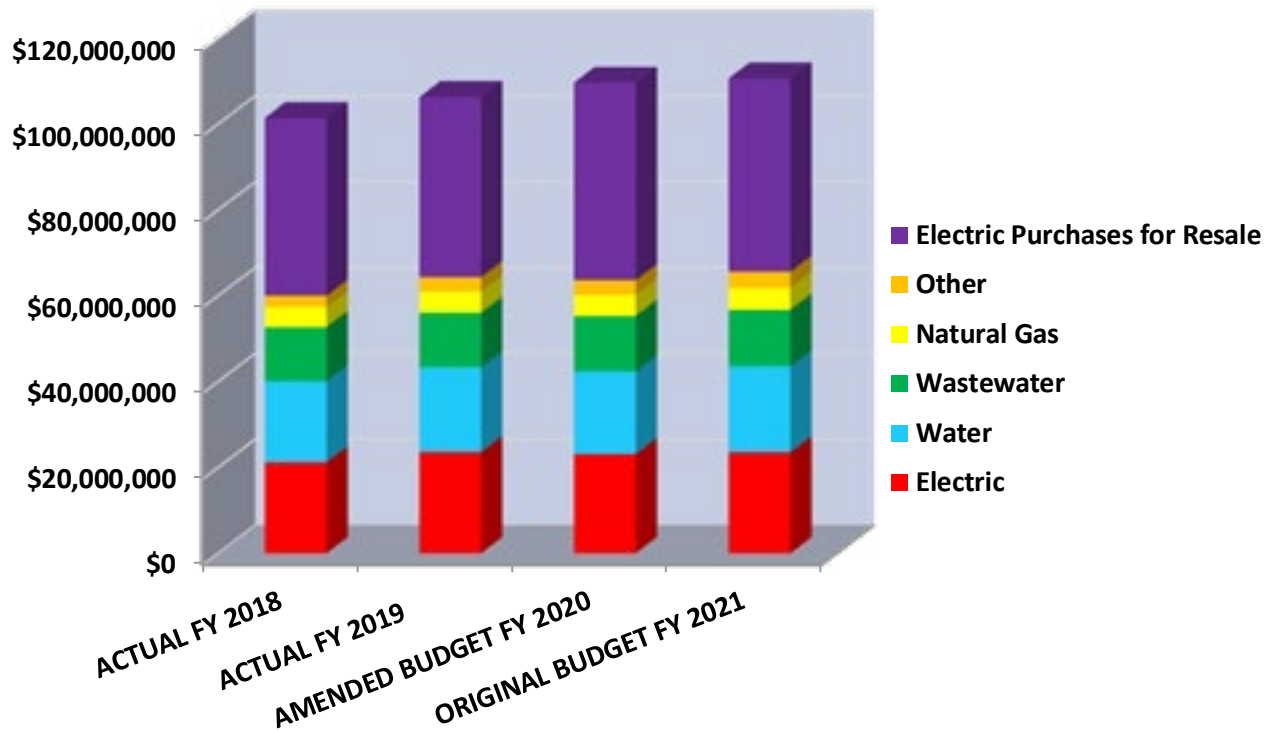
	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>NON-OPERATING REVENUES</u>				
FMPA O&M CONTRACT INCOME	\$ 1,827,932	\$ 2,284,797	\$ 2,300,033	\$ 2,365,680
TOTAL NON-OPERATING REVENUES	1,827,932	2,284,797	2,300,033	2,365,680
TOTAL REVENUES	\$ 1,827,932	\$ 2,284,797	\$ 2,300,033	\$ 2,365,680



OPERATIONS AND MAINTENANCE EXPENSES BY DEPARTMENT

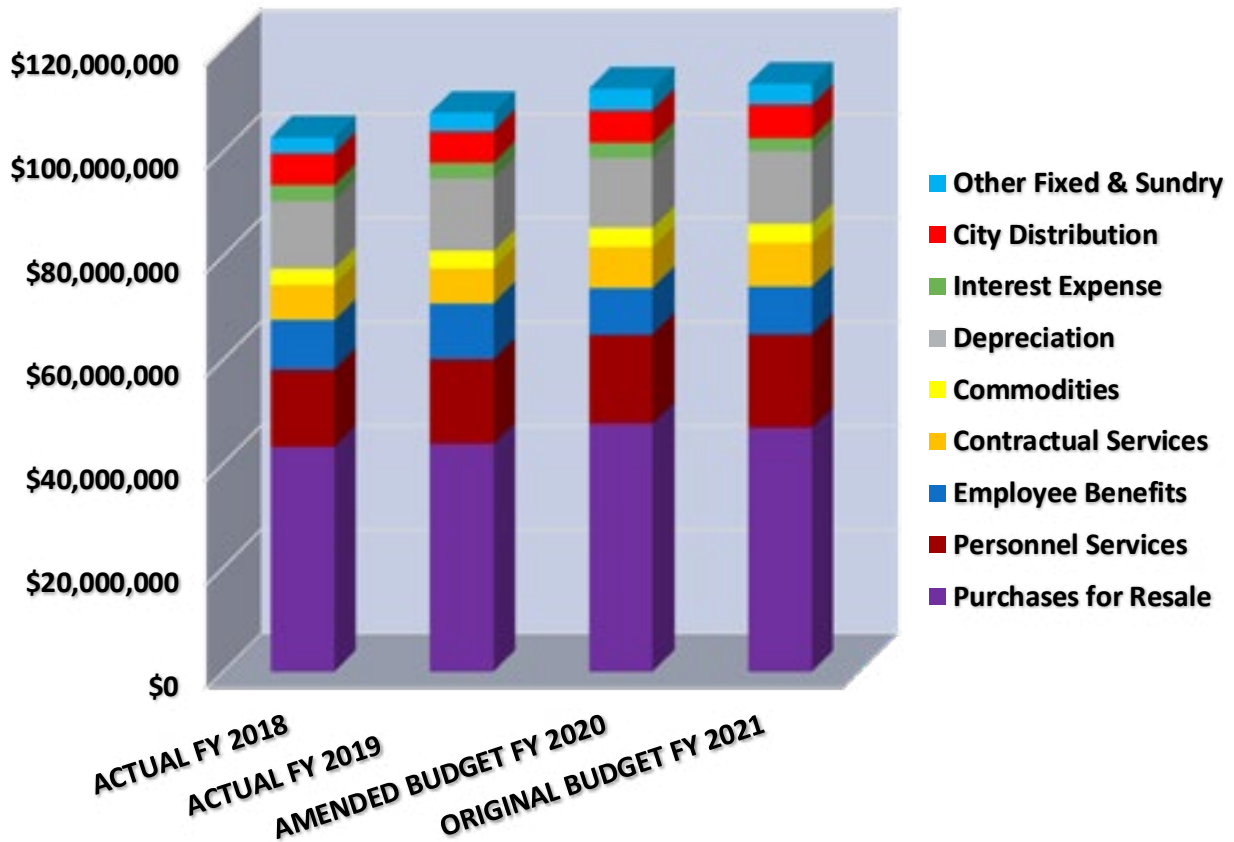
Department Name	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
01 - MOEC	\$ 464,567	\$ 493,939	\$ 519,125	\$ 520,586
02 - Treasure Coast Energy Center	1,827,932	2,284,797	2,300,033	2,365,680
10 - Board	112,341	106,705	106,048	111,506
11 - Director of Utilities	376,107	373,143	354,851	397,631
12 - Attorney	131,425	125,772	139,158	154,007
14 - Regulatory Affairs	-	-	321,764	694,447
15 - Human Resources	370,185	391,601	419,185	442,265
18 - Safety	179,870	235,652	274,647	-
21 - Finance	1,639,546	1,773,335	1,649,948	1,556,821
22 - Materials Management	708,050	733,451	765,106	787,279
31 - Director of Utility Support Services	164,597	335,261	352,076	357,058
32 - Information Technology Services	2,742,134	2,975,370	3,023,653	3,223,602
35 - Facilities	841,551	802,241	832,604	907,350
39 - Administrative & General - MOEC	-	380	3,713	300
41 - Community Relations	185,420	198,187	199,019	208,316
43 - Customer Service	2,022,501	2,239,239	2,141,019	2,244,933
49 - Administrative & General - Administration	55,031	44,303	854,941	1,065,400
51 - Director of Electric & Gas Systems	310,251	334,264	336,223	327,380
52 - Power Generation	654	176	-	-
53 - Electric Purchases for Resale	41,402,405	41,923,532	46,000,000	45,000,000
54 - Electric Transmission & Distribution	7,187,497	8,546,558	8,532,993	8,879,966
55 - Electric Operations	2,052,699	2,174,732	2,095,624	2,190,470
56 - Electric & Gas Engineering	978,049	1,412,826	1,326,321	1,423,639
59 - Administrative & General - Electric	7,579,512	7,666,723	7,667,896	7,238,288
61 - Dir of Water/Wastewater Systems	196,075	229,120	214,241	201,176
62 - Water Resources	7,435,070	8,038,781	7,463,555	7,739,808
64 - Water Distribution	5,566,812	5,481,368	5,651,200	5,884,650
66 - Water/Wastewater Engineering	1,213,074	1,273,126	1,194,459	1,386,958
69 - Administrative & General - Water	2,440,289	2,448,008	2,416,293	2,361,947
74 - Gas Operations	1,898,827	2,037,284	2,021,263	2,117,222
75 - Gas Purchases for Resale	1,817,037	1,788,170	1,615,036	1,725,000
79 - Administrative & General - Gas	454,472	474,737	500,470	482,038
82 - Water Reclamation	3,701,450	3,816,142	3,825,599	3,878,547
84 - Wastewater Collection	4,949,710	4,803,041	5,012,170	5,169,244
89 - Administrative & General - Wastewater	1,450,331	1,472,750	1,526,829	1,376,314
93 - FPUAnet Communications	358,107	453,716	411,047	563,083
95 - FPUAnet Purchases for Resale	-	-	90,000	160,000
99 - Administrative & General - FPUAnet	-	28,249	29,800	24,654
Grand Total	\$ 102,813,578	\$ 107,516,679	\$ 112,187,909	\$ 113,167,565

OPERATIONS & MAINTENANCE EXPENSES BY SYSTEM



	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
Electric	\$ 21,159,554	\$ 23,513,135	\$ 23,081,629	\$ 23,445,365
Electric Purchases for Resale	41,402,405	41,923,532	46,000,000	45,000,000
Water	18,903,543	19,807,253	19,248,805	20,038,323
Wastewater	12,598,316	12,675,368	12,947,512	13,238,151
Natural Gas	4,629,723	4,967,768	4,862,298	5,107,144
Other	2,649,922	3,326,020	3,435,665	3,726,582
TOTAL, net	\$ 101,343,463	\$ 106,213,076	\$ 109,575,909	\$ 110,555,565

NOTE: Excludes capitalized labor and overhead, and unallocated contingency

OPERATIONS & MAINTENANCE EXPENSES BY CATEGORY


Type	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
Purchases for Resale	\$ 43,288,650	\$ 43,795,512	\$ 47,708,635	\$ 46,888,000
Personnel Services	14,856,123	16,276,715	17,227,151	18,110,843
Employee Benefits	9,446,545	10,837,144	8,927,630	9,098,448
Contractual Services	6,842,051	6,719,361	7,819,353	8,311,084
Commodities	3,161,833	3,280,176	3,745,050	3,707,247
Depreciation	12,993,143	13,958,502	13,500,000	14,000,000
Interest Expense	3,077,389	3,043,710	2,815,046	2,559,723
City Distribution	6,138,645	6,125,454	6,276,267	6,393,844
Other Fixed & Sundry	3,009,199	3,480,105	4,168,777	4,098,376
TOTAL	\$ 102,813,578	\$ 107,516,679	\$ 112,187,909	\$ 113,167,565

OPERATIONS & MAINTENANCE EXPENSES BY OBJECT CODE

Object Code	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>				
1010 Salaries & Wages	\$ 14,075,785	\$ 15,369,223	\$ 16,245,001	\$ 17,130,493
1020 Overtime	780,338	907,492	982,150	980,350
<i>Personnel Services Total</i>	<u>14,856,123</u>	<u>16,276,715</u>	<u>17,227,151</u>	<u>18,110,843</u>
<u>EMPLOYEE BENEFITS</u>				
4050 Retirement	3,868,134	4,921,247	2,855,552	2,818,618
4060 FICA	1,097,382	1,196,984	1,309,273	1,373,607
4070 Employees' Insurance	4,020,275	4,274,678	4,450,568	4,674,400
4090 Vacation Pay Expense	11,322	61,139	-	-
4100 Sick Pay Expense	35,227	134,361	-	-
4110 Net OPEB Expense	157,890	11,823	11,823	11,823
4600 Workers' Compensation	252,061	236,912	290,414	210,000
4640 Unemployment Claims	4,254	-	10,000	10,000
<i>Employee Benefits Total</i>	<u>9,446,545</u>	<u>10,837,144</u>	<u>8,927,630</u>	<u>9,098,448</u>
<u>CONTRACTUAL SERVICES</u>				
2110 Advertising	33,876	46,605	73,209	80,830
2122 Rentals	60,056	61,970	83,625	82,446
2131 Maintenance of Structures	59,976	63,569	86,600	89,000
2132 Maintenance of Vehicles	140,999	191,317	158,044	159,370
2133 Maintenance of Equipment	172,343	83,342	180,248	159,738
2139 Maintenance/Service Contracts	2,854,938	3,049,060	3,721,420	3,763,417
2140 Postage	173,096	188,584	219,895	220,481
2151 Printing	59,993	58,723	90,631	91,344
2161 Professional Fees - Audit	40,900	41,620	48,500	49,000
2164 Professional Fees - Consult/Eng	182,815	191,956	245,424	480,500
2165 Temporary Labor	49,531	18,434	50	50
2166 Professional Fees - Other	225,397	70,630	101,656	139,483
2170 Training	237,079	252,668	371,421	460,493
2171 Travel	14,130	4,845	14,707	18,009
2172 Car Allowance	132,726	140,235	146,463	149,680
2190 Communications	175,106	180,889	192,926	204,200
2200 Utilities	1,995,670	1,855,321	1,794,000	1,794,000
2230 Employee Relations	45,089	49,317	61,413	66,400
2240 Business Relations	3,134	2,651	4,172	5,872
2250 Community Relations	114,266	77,761	100,000	177,000
2260 Memberships - Professional	63,175	68,753	89,178	84,506
2262 Memberships - Civic	3,821	18,713	33,571	33,065
2290 Billing - Housing Authority	3,935	2,398	2,200	2,200
<i>Contractual Services Total</i>	<u>6,842,051</u>	<u>6,719,361</u>	<u>7,819,353</u>	<u>8,311,084</u>
<u>PURCHASES FOR RESALE</u>				
3360 Purchases for Resale	43,288,650	43,795,512	47,708,635	46,888,000
<i>Purchases for Resale Total</i>	<u>43,288,650</u>	<u>43,795,512</u>	<u>47,708,635</u>	<u>46,888,000</u>

OPERATIONS & MAINTENANCE EXPENSES BY OBJECT CODE

Object Code	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>COMMODITIES</u>				
3311 Office Supplies	74,967	87,249	98,962	105,499
3313 Subscriptions	14,440	12,734	17,492	13,795
3316 Operating Supplies	1,629,610	1,674,428	1,873,423	1,817,323
3320 Chemicals	922,526	1,056,283	1,262,000	1,275,000
3331 Vehicle Supplies	406,225	365,528	385,580	388,801
3340 Small Tools	114,065	83,954	107,593	106,829
<i>Commodities Total</i>	<u>3,161,833</u>	<u>3,280,176</u>	<u>3,745,050</u>	<u>3,707,247</u>
<u>FIXED & SUNDRY</u>				
4010 Cost of Goods Sold	68,328	64,561	65,000	70,000
4015 Sales Discounts	6,738	5,695	7,000	11,000
4020 Cash (Over) Short	(3,130)	5	120	120
4080 Employee Suggestions & Awards	8,699	6,186	12,024	11,500
4509 Other Taxes	38,104	36,479	38,600	40,000
4510 Gross Receipts Tax	1,687,560	1,681,194	1,692,700	1,692,700
4520 Licenses & Permits	57,824	65,654	71,947	66,430
4531 Contributions - Civic	223,944	221,608	308,985	-
4610 Insurance - Prop/Liability	462,865	573,093	638,000	701,601
4666 Inventory Adjustments	(3,421)	226,475	10,000	10,000
4700 Utility Bad Debt Expense	159,799	41,034	250,001	200,225
5730 Bank Charges	331,173	342,880	344,000	344,000
9005 Duplicate Charges	(48,866)	(49,184)	(49,600)	(49,200)
<i>Fixed & Sundry Total</i>	<u>2,989,617</u>	<u>3,215,680</u>	<u>3,388,777</u>	<u>3,098,376</u>
<u>INTEREST EXPENSES</u>				
5721 Interest - Bonds	3,205,293	2,979,169	2,738,129	2,483,398
5723 Interest - Deposits	23,083	41,247	54,242	54,300
5725 Capitalized Interest	(174,683)	-	-	-
5729 Interest - Other	359	583	600	600
5731 Amortization of Bond Discounts	23,337	22,711	22,075	21,425
<i>Interest Expenses Total</i>	<u>3,077,389</u>	<u>3,043,710</u>	<u>2,815,046</u>	<u>2,559,723</u>
<u>MISCELLANEOUS</u>				
5710 Storm Expenses	18,928	264,249	-	-
9000 Distribution to City of Fort Pierce	6,138,645	6,125,454	6,276,267	6,393,844
9010 Contingency	-	-	780,000	1,000,000
9030 Depreciation	12,993,143	13,958,502	13,500,000	14,000,000
9050 Extraordinary Expense	654	176	-	-
<i>Miscellaneous Total</i>	<u>19,151,370</u>	<u>20,348,381</u>	<u>20,556,267</u>	<u>21,393,844</u>
Grand Total	<u><u>\$ 102,813,578</u></u>	<u><u>\$ 107,516,679</u></u>	<u><u>\$ 112,187,909</u></u>	<u><u>\$ 113,167,565</u></u>

ALLOCATION DISTRIBUTION
AMENDED BUDGET FY 2020

	DEPARTMENTS	CAPITAL OR UNALLOC. CONTING.	ELECTRIC	WATER	NATURAL GAS	WASTE-WATER	OTHER	TOTAL
01	MOEC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 519,125	\$ 519,125
02	Treasure Coast Energy	-	-	-	-	-	2,300,033	2,300,033
10	Board	5,000	41,925	30,466	6,043	22,513	101	106,048
11	Director of Utilities	16,000	140,589	102,164	20,263	75,496	339	354,851
12	Attorney	7,000	54,832	39,846	7,903	29,445	132	139,158
14	Regulatory Affairs	13,000	128,106	93,092	18,464	68,793	309	321,764
15	Human Resources	56,000	124,354	118,435	29,600	82,915	7,881	419,185
18	Risk Management	-	113,951	82,806	16,424	61,191	275	274,647
21	Finance	87,000	648,467	471,229	93,464	348,225	1,563	1,649,948
22	Materials Management	292,000	180,916	122,629	123,528	44,756	1,277	765,106
31	Director of Utility Support Services	11,000	116,784	111,225	27,798	77,868	7,401	352,076
32	Information Technology Services	147,000	984,966	938,077	234,447	656,740	62,423	3,023,653
35	Facilities	37,000	311,400	246,239	53,146	178,693	6,126	832,604
39	Administrative and General	-	-	-	-	-	3,713	3,713
41	Community Relations	7,000	79,668	57,894	11,483	42,782	192	199,019
43	Customer Service	-	888,309	645,517	128,033	477,019	2,141	2,141,019
49	Administrative and General	1,003,000	(50,695)	(48,282)	(12,067)	(33,802)	(3,213)	854,941
51	Director of Electric and Gas Systems	13,000	323,223	-	-	-	-	336,223
53	Electric Purchases for Resale	-	46,000,000	-	-	-	-	46,000,000
54	Electric Transmission and Distribution	624,000	7,908,993	-	-	-	-	8,532,993
55	Electric Operations	4,000	2,091,624	-	-	-	-	2,095,624
56	Electric and Gas Engineering	-	1,326,321	-	-	-	-	1,326,321
59	Administrative and General	-	7,667,896	-	-	-	-	7,667,896
61	Director of W/WW Systems	-	-	128,545	-	85,696	-	214,241
62	Water Resources	-	-	7,463,555	-	-	-	7,463,555
64	Water Distribution	77,000	-	5,574,200	-	-	-	5,651,200
66	W/WW Engineering	103,000	-	654,875	-	436,584	-	1,194,459
69	Administrative and General	-	-	2,416,293	-	-	-	2,416,293
74	Gas Operations	33,000	-	-	1,988,263	-	-	2,021,263
75	Gas Purchases for Resale	-	-	-	1,615,036	-	-	1,615,036
79	Administrative and General	-	-	-	500,470	-	-	500,470
82	Water Reclamation	3,000	-	-	-	3,822,599	-	3,825,599
84	Wastewater Collection	69,000	-	-	-	4,943,170	-	5,012,170
89	Administrative and General	-	-	-	-	1,526,829	-	1,526,829
93	FPUAnet Communications	5,000	-	-	-	-	406,047	411,047
95	FPUAnet Purchases for	-	-	-	-	-	90,000	90,000
99	Administrative and General	-	-	-	-	-	29,800	29,800
	TOTALS	\$2,612,000	\$69,081,629	\$19,248,805	\$4,862,298	\$12,947,512	\$3,435,665	\$112,187,909

ALLOCATION DISTRIBUTION
ORIGINAL BUDGET FY 2021

DEPARTMENTS		CAPITAL OR UNALLOC. CONTING.	ELECTRIC	WATER	NATURAL GAS	WASTE-WATER	OTHER	TOTAL
01	MOEC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 520,586	\$ 520,586
02	Treasure Coast Energy Center	-	-	-	-	-	2,365,680	2,365,680
10	Board	5,000	44,188	32,112	6,369	23,730	107	111,506
11	Director of Utilities	16,000	158,338	115,062	22,822	85,027	382	397,631
12	Attorney	7,000	60,993	44,323	8,791	32,753	147	154,007
14	Regulatory Affairs	13,000	282,733	205,456	40,751	151,826	681	694,447
15	Human Resources	56,000	132,257	125,961	31,481	88,184	8,382	442,265
21	Finance	87,000	609,829	443,151	87,895	327,476	1,470	1,556,821
22	Materials Management	292,000	189,396	128,376	129,317	46,853	1,337	787,279
31	Director of Utility Support Services	11,000	118,490	112,850	28,204	79,005	7,509	357,058
32	Information Technology Services	147,000	1,053,429	1,003,280	250,743	702,388	66,762	3,223,602
35	Facilities	37,000	340,655	269,373	58,139	195,481	6,702	907,350
39	Administrative and General	-	-	-	-	-	300	300
41	Community Relations	7,000	83,526	60,697	12,039	44,853	201	208,316
43	Customer Service	-	931,423	676,847	134,247	500,171	2,245	2,244,933
49	Administrative and General	1,003,000	21,365	20,349	5,086	14,246	1,354	1,065,400
51	Director of Electric and Gas Systems	13,000	314,380	-	-	-	-	327,380
53	Electric Purchases for Resale	-	45,000,000	-	-	-	-	45,000,000
54	Electric Transmission and Distribution	624,000	8,255,966	-	-	-	-	8,879,966
55	Electric Operations	4,000	2,186,470	-	-	-	-	2,190,470
56	Electric and Gas Engineering	-	1,423,639	-	-	-	-	1,423,639
59	Administrative and General	-	7,238,288	-	-	-	-	7,238,288
61	Director of W/WW Systems	-	-	120,706	-	80,470	-	201,176
62	Water Resources	-	-	7,739,808	-	-	-	7,739,808
64	Water Distribution	77,000	-	5,807,650	-	-	-	5,884,650
66	W/WW Engineering	103,000	-	770,375	-	513,583	-	1,386,958
69	Administrative and General	-	-	2,361,947	-	-	-	2,361,947
74	Gas Operations	33,000	-	-	2,084,222	-	-	2,117,222
75	Gas Purchases for Resale	-	-	-	1,725,000	-	-	1,725,000
79	Administrative and General	-	-	-	482,038	-	-	482,038
82	Water Reclamation	3,000	-	-	-	3,875,547	-	3,878,547
84	Wastewater Collection	69,000	-	-	-	5,100,244	-	5,169,244
89	Administrative and General	-	-	-	-	1,376,314	-	1,376,314
93	FPUAnet Communications	5,000	-	-	-	-	558,083	563,083
95	FPUAnet Purchases for	-	-	-	-	-	160,000	160,000
99	Administrative and General	-	-	-	-	-	24,654	24,654
TOTALS		\$ 2,612,000	\$ 68,445,365	\$ 20,038,323	\$ 5,107,144	\$ 13,238,151	\$ 3,726,582	\$ 113,167,565

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

- Received the 2019 Best Tourist Attraction of the Treasure Coast designation by Indian River Magazine
- Partnered with TCMF to host Seas & Greetings Sip & Shop fundraiser at the Manatee Center
- Through a highly-publicized fundraising campaign, raised funds and installed a replacement mascot Moe the Manatee statue along Moore’s Creek at the Center
- Facilitated TCMF designation as 2019 Top-Rated Nonprofit through Greatnonprofits.org
- Awarded 2019 TripAdvisor Certificate of Excellence based on consistently great reviews earned
- Partnered with Treasure Coast Sports Commission and St. Lucie County Tourism Department to host the National Firefighter Combat Challenge and free Family Day at the Manatee Center
- Partnered with the Fort Pierce Yacht Club to offer Eco-evenings, a seasonal night-time lecture series at the Fort Pierce Yacht Club every third Thursday from October through March

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lunch-n-learn lecture attendees	315	381	375	359	365	400	365
Educ. program participants (students & campers)	4,100	5,831	4,500	4,863	4,700	4,000 *	4,700
Individuals engaged***	40,500	46,537	46,000	56,845	52,000	39,800 *	52,000
Volunteer hours	13,000	11,618	11,500	12,971	12,000	9,800 *	12,000
Manatees spotted	**	382	**	315	**	500	**

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Grant revenue	\$15,000	\$9,580	\$10,000	\$3,570	\$10,000	\$17,500	\$10,000
% +/- # of individuals engaged*** over previous year	1.3%	12.5%	13.6%	22%	13.0%	-(30%)*	0%

*Lower numbers projected due to COVID-19 Pandemic

**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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 162,749	\$ 174,106	\$ 183,369	\$ 188,808
1020	Overtime	225	1,729	1,000	1,000
	<i>Personnel Services Total</i>	<u>162,974</u>	<u>175,835</u>	<u>184,369</u>	<u>189,808</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	43,643	56,712	32,412	31,242
4060	FICA	12,236	12,979	14,104	14,520
4070	Employees' Insurance	41,162	49,634	50,790	53,400
4090	Vacation Pay Expense	854	6,242	-	-
4100	Sick Pay Expense	(5,541)	1,758	-	-
4110	Net OPEB Expense	1,803	718	170	170
4600	Workers' Compensation	294	558	1,953	831
	<i>Employee Benefits Total</i>	<u>94,451</u>	<u>128,601</u>	<u>99,429</u>	<u>100,163</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	10,016	10,415	10,500	10,500
2131	Maintenance Of Buildings	2,311	3,716	2,500	2,500
2132	Maintenance of vehicles	-	-	284	300
2133	Maintenance Of Equipment	1,099	499	700	700
2139	Maintenance/Service Contracts	23,200	24,805	45,000	50,000
2140	Postage	265	246	500	500
2151	Printing	1,677	1,178	1,800	1,800
2166	Professional Fees - Other	210	225	250	250
2170	Training	75	885	11,000	6,250
2172	Car Allowance	3,575	3,300	3,300	3,300
2190	Communications	2,463	3,111	3,224	3,400
2200	Utilities	8,646	9,194	8,600	8,600
2230	Employee/Volunteer Relations	4,347	3,823	4,550	4,550
2260	Memberships - Professional	525	505	545	545
2262	Memberships - Civic	75	330	205	205
	<i>Contractual Services Total</i>	<u>58,484</u>	<u>62,232</u>	<u>92,958</u>	<u>93,400</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,093	1,769	2,400	2,400
3316	Operating Supplies	50,542	33,319	45,766	30,000
3331	Vehicle Supplies	191	166	150	150
	<i>Commodities Total</i>	<u>51,826</u>	<u>35,254</u>	<u>48,316</u>	<u>32,550</u>
<u>FIXED & SUNDRY</u>					
4010	Cost of Goods Sold	68,328	64,561	65,000	70,000
4015	Sales Discount	6,738	5,695	7,000	11,000
4020	Cash (Over) Short	(338)	17	120	120
4520	Licenses & Permits	50	30	426	445
4610	Property & Liab./Ins. & Uninsur.	3,653	3,989	4,229	5,504
4666	Inventory Adjustments	1,181	1,201	-	-
5730	Bank Charges	9,072	5,627	6,000	6,000
	<i>Fixed & Sundry Total</i>	<u>88,684</u>	<u>81,120</u>	<u>82,775</u>	<u>93,069</u>
<u>MISCELLANEOUS</u>					
9000	Distribution To City Of Fort Pierce	207	-	-	-
9030	Depreciation Expense	7,941	10,897	11,278	11,596
	<i>Miscellaneous Total</i>	<u>8,148</u>	<u>10,897</u>	<u>11,278</u>	<u>11,596</u>
Total		<u>\$ 464,567</u>	<u>\$ 493,939</u>	<u>\$ 519,125</u>	<u>\$ 520,586</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 twelve (12) 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 12 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 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal ₁	Actual	Goal ₁	Projected	Goal ₁
Megawatt Hours	2,100,000	1,953,489	1,638,094	1,840,314	2,000,000	1,800,000	2,000,001
Period Hours	8,760	8,760	8,760	8,760	8,784	8,784	8,760
Service Hours	8,000	8,415	7,400	8,134	8,000	8,100	8,200
Forced Outage Hours	≤100	54.7	80	75	50	50	50

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal ₁	Actual	Goal ₁	Projected	Goal ₁
Equivalent Availability Factor (EAF)	92.0%	96.1%	90.0%	92.9%	90.0%	92.0%	90.0%
Forced Outage Factor (FOF)	≤0.50%	0.62%	≤1.00%	0.86%	≤1.00%	0.75%	≤1.00%
Capacity Factor	*	74.3%	*	68.0%	*	70.0%	*
Safety Frequency Rate (CY)	≤5.0	0.00	≤5.0	6.78	≤5.0	9.0	≤5.0
Safety DART Rate (CY)	≤50	1418.31	≤50	0	≤50	0	≤50

* Megawatt Hours, Capacity Factor, and Service Hours are system demand controlled metrics.
 1 TCEC EAF and FOF Goals are “Stretch Goals”, System EAF Goal is 88%, System FOF Goal is 2%,

DEPT. 02 - TREASURE COAST ENERGY CENTER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 996,064	\$ 1,167,875	\$ 1,353,189	\$ 1,413,785
1020	Overtime	224,777	339,349	310,000	310,000
	<i>Personnel Services Total</i>	<u>1,220,841</u>	<u>1,507,224</u>	<u>1,663,189</u>	<u>1,723,785</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	289,363	399,268	260,082	252,185
4060	FICA	87,959	109,480	127,234	131,870
4070	Employees' Insurance	184,970	197,428	220,915	232,000
4090	Vacation Pay Expense	(13,268)	26,065	-	-
4100	Sick Pay Expense	(1,206)	18,876	-	-
4110	Net OPEB Expense	7,803	169	636	636
4600	Workers' Compensation	36,222	14,473	15,357	12,584
4640	Unemployment Claims	3,300	-	-	-
	<i>Employee Benefits Total</i>	<u>595,143</u>	<u>765,759</u>	<u>624,224</u>	<u>629,275</u>
<u>CONTRACTUAL SERVICES</u>					
2170	Training	-	315	750	750
2172	Car Allowance	10,320	10,320	10,320	10,320
	<i>Contractual Services Total</i>	<u>10,320</u>	<u>10,635</u>	<u>11,070</u>	<u>11,070</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	1,128	675	1,050	1,050
	<i>Commodities Total</i>	<u>1,128</u>	<u>675</u>	<u>1,050</u>	<u>1,050</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	500	504	500	500
	<i>Fixed & Sundry Total</i>	<u>500</u>	<u>504</u>	<u>500</u>	<u>500</u>
	Total	<u>\$ 1,827,932</u>	<u>\$ 2,284,797</u>	<u>\$ 2,300,033</u>	<u>\$ 2,365,680</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 \$50,000
- 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 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Board meetings	20	20	22	19	20	19	20
Agenda items reviewed	250	244	260	303	250	250	275
Workshops- Budget, Rates, Employee Benefits, Compensation, and Strategic Planning	3	4	2	4	5	2	3
Training sessions attended	2	2	2	0	2	1	2

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 18,005	\$ 18,088	\$ 18,145	\$ 18,075
	<i>Personnel Services Total</i>	18,005	18,088	18,145	18,075
<u>EMPLOYEE BENEFITS</u>					
4060	FICA	1,658	1,450	1,388	1,383
4070	Employees' Insurance	61,914	62,445	62,435	65,600
4600	Workers' Compensation	296	380	411	253
4610	Property & Liab./Ins. & Uninsur.	120	168	176	225
	<i>Employee Benefits Total</i>	63,988	64,443	64,410	67,461
<u>CONTRACTUAL SERVICES</u>					
2151	Printing	-	20	20	20
2166	Professional Fees - Other	-	8,079	-	-
2170	Training	12,103	4,466	7,000	10,000
2171	Travel	4,399	-	4,473	4,000
2172	Car Allowance	12,000	9,600	9,600	9,600
2240	Business Relations	528	636	500	500
2262	Memberships - Civic	1,318	1,318	1,700	1,700
	<i>Contractual Services Total</i>	30,348	24,119	23,293	25,820
<u>COMMODITIES</u>					
3311	Office Supplies	-	55	200	150
	<i>Commodities Total</i>	-	55	200	150
	Total	\$ 112,341	\$ 106,705	\$ 106,048	\$ 111,506

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, Director of Regulatory Affairs, 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
- Served on the Economic Development Council Executive Committee
- Implemented additional employee safety measures during Coronavirus Pandemic
- Development and Implementation of AMI

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Director/direct report meetings	35	45	45	50	50	49	50
Exempt staff meetings	2	5	4	4	5	4	5
Meetings with Mayor, Commissioners, or City Commission Meetings	30	10	20	12	20	7	10
Meetings with City staff	10	5	15	8	15	10	5
FMPA meetings	15	16	12	22	15	15	15
Coffee with the Mayor and Breakfast Club Meetings	15	14	15	17	17	14	15
Utility planning meetings with St. Lucie County, City of Port St. Lucie, and Economic Development Council	15	15	25	15	25	10	8
AMI Meetings	0	0	0	22	0	17	10

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 237,831	\$ 224,007	\$ 231,655	\$ 262,878
	<i>Personnel Services Total</i>	<u>237,831</u>	<u>224,007</u>	<u>231,655</u>	<u>262,878</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	59,640	71,982	40,725	43,270
4060	FICA	16,071	15,085	17,722	20,110
4070	Employees' Insurance	29,497	29,455	30,120	31,700
4080	Employee Suggestions & Awards	-	-	1,024	-
4090	Vacation Pay Expense	550	1,793	-	-
4100	Sick Pay Expense	2,363	5,846	-	-
4110	Net OPEB Expense	1,202	84	85	85
4600	Workers' Compensation	351	463	501	348
	<i>Employee Benefits Total</i>	<u>109,674</u>	<u>124,708</u>	<u>90,177</u>	<u>95,513</u>
<u>CONTRACTUAL SERVICES</u>					
2139	Maintenance/Service Contracts	1,821	1,894	1,350	1,350
2140	Postage	43	36	40	40
2151	Printing	-	20	205	205
2164	Profess. Fees - Consulting/Eng.	-	-	2,500	2,500
2170	Training	5,114	2,409	2,000	4,000
2171	Travel	2,730	1,096	2,000	6,300
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	67	375	410	500
2230	Employee Relations	8,299	9,396	9,400	9,400
2240	Business Relations	730	319	1,500	1,500
2250	Community Relations	23	-	-	-
2260	Memberships - Professional	105	-	1,141	1,000
2262	Memberships - Civic	-	-	1,536	1,000
	<i>Contractual Services Total</i>	<u>24,092</u>	<u>20,705</u>	<u>27,242</u>	<u>32,955</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,239	886	2,700	2,500
3313	Subscriptions	57	-	152	160
	<i>Commodities Total</i>	<u>1,296</u>	<u>886</u>	<u>2,852</u>	<u>2,660</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	89	512	-
4610	Property & Liab./Ins. & Uninsur.	1,799	2,279	2,413	3,625
	<i>Fixed & Sundry Total</i>	<u>1,799</u>	<u>2,368</u>	<u>2,925</u>	<u>3,625</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,415	469	-	-
	<i>Miscellaneous Total</i>	<u>1,415</u>	<u>469</u>	<u>-</u>	<u>-</u>
	Total	<u>\$ 376,107</u>	<u>\$ 373,143</u>	<u>\$ 354,851</u>	<u>\$ 397,631</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
- Process, record and file all annexation agreements

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Board Meetings	20	20	20	19	20	18	20
Special topic meetings	10	3	10	1	5	1	1
Workshops	3	1	3	0	1	1	2
Attorney meetings	20	20	20	11	20	11	20
Resolutions reviewed	10	16	10	5	3	10	10
Contracts/agreements	150	138	140	157	150	150	175

DEPT. 12 - ATTORNEY

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 104,715	\$ 107,740	\$ 112,477	\$ 115,999
	<i>Personnel Services Total</i>	<u>104,715</u>	<u>107,740</u>	<u>112,477</u>	<u>115,999</u>
<u>EMPLOYEE BENEFITS</u>					
4070	Employees' Insurance	16,420	18,596	19,040	20,000
4600	Workers' Compensation	99	131	141	108
	<i>Employee Benefits Total</i>	<u>16,519</u>	<u>18,727</u>	<u>19,181</u>	<u>20,108</u>
<u>CONTRACTUAL SERVICES</u>					
2166	Professional Fees - Other	9,396	-	7,500	15,000
2170	Training	795	(695)	-	2,700
2171	Travel	-	-	-	200
	<i>Contractual Services Total</i>	<u>10,191</u>	<u>(695)</u>	<u>7,500</u>	<u>17,900</u>
	Total	<u>\$ 131,425</u>	<u>\$ 125,772</u>	<u>\$ 139,158</u>	<u>\$ 154,007</u>

REGULATORY AFFAIRS

DEPARTMENTAL GOALS AND OBJECTIVES

- Plan, organize and direct the risk management, purchasing, contracts administration and records management activities throughout the organization
- Oversight of the requisition and procurement process for all FPUA departments
- 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 provide safeguards for maintaining a procurement system of quality and integrity
- Records Management: Responds to and assists with public records requests; and coordinate, train, and oversee that records are in compliance with the Florida Sunshine Laws and Florida Records Management Association best practices
- Identify and monitor risk exposure to minimize consequences through effective and efficient practices, procedures, controls and compliance review. Provide guidance and support to all FPUA departments to ensure compliance with the laws and regulations that pose the greatest legal and operational risk to FPUA
- Provide quality OSHA-based safety training to employees to ensure understanding of hazards and effective mitigations

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Public Records requests	*	*	*	*	50	50	50
Records disposition volume							
Electronic Records	*	*	*	*	70 GB	70 GB	70 GB
Paper Records					200 cf	200 cf	200 cf
Formal solicitations completed	**	**	**	**	30	35	35
POA's Completed	**	**	**	**	300	300	275
Incident Reports (CY)	***	***	***	***	<20	20	18
Claims – W/C	***	***	***	***	<10	8	8
Building Safety Inspections	***	***	***	***	55	55	55

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Vehicle Accident Rate	***	***	***	***	< .05	.07	≤.07
FPUA Frequency Rate	***	***	***	***	≤ 4.5	3.4	≤4.0
FPUA DART Rate	***	***	***	***	≤ 45	5	≤50

*Public Records requests and Records disposition volume formerly reported under Dept 32 – ITS.

**Purchase Orders, Formal Solicitations and POA's completed formerly reported under Dept 21 – Finance.

***Incident Reports, Claims, Building Safety Inspections, Worker's Comp Experience, Vehicle Accident Rate, FPUA Frequency Rate and FPUA DART Rate formerly reported under Dept 18 – Safety.

DEPT. 14 - REGULATORY AFFAIRS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ -	\$ -	\$ 157,479	\$ 360,801
	<i>Personnel Services Total</i>	-	-	157,479	360,801
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	-	-	27,685	59,387
4060	FICA	-	-	12,047	27,602
4070	Employees' Insurance	-	-	27,125	48,600
4080	Employee Suggestions & Awards	-	-	-	2,500
4110	Net OPEB Expense	-	-	127	169
4600	Workers' Compensation	-	-	260	450
	<i>Employee Benefits Total</i>	-	-	67,244	138,708
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	-	-	2,800	4,300
2132	Maintenance of Vehicles	-	-	-	120
2139	Maintenance/Service Contracts	-	-	1,200	4,300
2140	Postage	-	-	100	300
2151	Printing	-	-	100	950
2164	Profess. Fees - Consulting/Eng.	-	-	7,500	15,000
2166	Professional Fees - Other	-	-	-	5,500
2170	Training	-	-	2,000	28,500
2171	Travel	-	-	100	350
2172	Car Allowance	-	-	3,798	5,160
2190	Communications	-	-	-	1,400
2230	Employee Relations	-	-	-	5,080
2260	Memberships - Professional	-	-	800	1,700
	<i>Contractual Services Total</i>	-	-	18,398	72,660
<u>COMMODITIES</u>					
3311	Office Supplies	-	-	750	4,000
3313	Subscriptions	-	-	150	4,250
3316	Operating Supplies	-	-	-	52,000
3331	Vehicle Supplies	-	-	-	1,350
	<i>Commodities Total</i>	-	-	900	61,600
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	-	-	77,743	55,407
	<i>Fixed & Sundry Total</i>	-	-	77,743	55,407
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	-	-	-	5,271
	<i>Miscellaneous Total</i>	-	-	-	5,271
	Total	\$ -	\$ -	\$ 321,764	\$ 694,447

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 for the fourth year
- Second year of successful implementation of a Performance Incentive Compensation program
- Addition of three new voluntary benefit offerings
- Renewal of self-insured medical plan with maintenance of grandfathered status
- Initiated Management Development program
- Successful recruitment for difficult to fill positions with low vacancy rate
- Continued youth outreach programs to provide information and education on career opportunities in the utility industry
- Ongoing participation in job fairs to attract quality staff and maintain a visible presence in the community

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Job applications processed	2,000	2,098	2,000	2,252	2,000	2,300	2,000
Interviews scheduled	*	*	*	*	*	156	200
Positions advertised/posted	95	62	50	54	50	41	40
Enrollment in Education Assistance Program	12	16	14	18	18	18	18

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Vacancy Rate	5.0%	3.7%	5.0%	3.6%	4.0%	4.0%	5.0%
Turnover Rate (Voluntary)	*	*	*	6.0%	5.0%	4.0%	5.0%
Turnover Rate (DROP)	*	*	*	1.9%	2.0%	0.4%	2.0%
Turnover Rate (Involuntary)	*	*	*	2.6%	2.0%	2.0%	2.0%
% of new hires successfully completing probationary period	99%	99%	99%	84%	99%	99%	99%
% of employees completing Intro to FPUA within first four-months of service	100%	100%	100%	100%	100%	100%	100%
% of employees participating in a wellness program activity	55%	46%	60%	75%	75%	75%	75%

* Not previously tracked

DEPT. 15 - HUMAN RESOURCES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 189,798	\$ 200,414	\$ 203,687	\$ 208,479
1020	Overtime	113	-	100	100
	<i>Personnel Services Total</i>	<u>189,911</u>	<u>200,414</u>	<u>203,787</u>	<u>208,579</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	54,452	46,264	25,015	24,204
4060	FICA	13,597	14,185	15,590	15,956
4070	Employees' Insurance	55,790	61,617	62,987	66,200
4080	Employee Suggestions & Awards	8,119	5,326	9,000	9,000
4090	Vacation Pay Expense	(515)	(4)	-	-
4100	Sick Pay Expense	(5,210)	(1,274)	-	-
4110	Net OPEB Expense	1,803	127	127	127
4600	Workers' Compensation	178	226	244	152
	<i>Employee Benefits Total</i>	<u>128,214</u>	<u>126,467</u>	<u>112,963</u>	<u>115,639</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	735	1,985	2,000	2,000
2139	Maintenance/Service Contracts	1,338	17,383	16,000	16,000
2140	Postage	94	32	150	150
2151	Printing	60	153	200	200
2164	Profess. Fees - Consulting/Eng.	2,000	19,500	10,000	20,000
2166	Professional Fees - Other	26,382	4,621	15,000	20,000
2170	Training	4,697	4,127	40,000	40,000
2171	Travel	207	10	100	100
2172	Car Allowance	3,300	3,300	3,300	3,300
2190	Communications	900	808	848	900
2230	Employee Relations	1,136	1,800	2,000	2,000
2260	Memberships - Professional	589	531	1,000	1,000
	<i>Contractual Services Total</i>	<u>41,438</u>	<u>54,250</u>	<u>90,598</u>	<u>105,650</u>
<u>COMMODITIES</u>					
3311	Office Supplies	4,723	4,477	7,197	7,000
3313	Subscriptions	2,535	2,162	2,000	2,000
	<i>Commodities Total</i>	<u>7,258</u>	<u>6,639</u>	<u>9,197</u>	<u>9,000</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	1,949	2,463	2,640	3,397
	<i>Fixed & Sundry Total</i>	<u>1,949</u>	<u>2,463</u>	<u>2,640</u>	<u>3,397</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,415	1,368	-	-
	<i>Miscellaneous Total</i>	<u>1,415</u>	<u>1,368</u>	<u>-</u>	<u>-</u>
	Total	<u>\$ 370,185</u>	<u>\$ 391,601</u>	<u>\$ 419,185</u>	<u>\$ 442,265</u>

SAFETY

DEPARTMENTAL GOALS AND OBJECTIVES

- Provide quality OSHA-based safety training to employees to ensure understanding of hazards and effective mitigations
- Maintain and assist implementation of FPUA’s Safety Management System which is composed of the following elements:
 - Leadership Engagement and Employee Involvement
 - Worksite Analysis
 - Hazard Prevention and Control
 - Safety and Health Training
 - Establishment and Implementation of FPUA 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.
- Coordinated with key stakeholders to create and update safety policies for FPUA Safety Manual
- Oversaw 41 quarterly safety checks of FPUA buildings, and performed 59 Jobsite safety checks
- Supported and promoted FPUA Safety Committee’s *Heat Stress Prevention* Program during high heat months
- Ensured FDOT Maintenance of Traffic classes were provided as needed by all field crews

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Incident Reports (CY)	<33	19*	<28	22	**	**	**
Claims – W/C	<11	8*	<10	8	**	**	**
Building Safety Inspections	52	44	55	41	**	**	**

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Workers’ Comp experience modification factor**	.95	.88	.95	1.28	**	**	**
Vehicle Accident Rate	.05	.07	.08	.07	**	**	**
FPUA Frequency Rate	≤ 5.0	2.93*	≤ 4.5	3.10	**	**	**
FPUA DART Rate	≤ 50	213.84*	≤ 45	0	**	**	**

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

**Safety Workload Measurement and Effective Measurement reported under Dept 14 – Regulatory Affairs.

DEPT. 18 - SAFETY

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 84,977	\$ 89,444	\$ 111,074	\$ -
	<i>Personnel Services Total</i>	84,977	89,444	111,074	-
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	19,575	23,191	19,527	-
4060	FICA	6,218	6,548	8,497	-
4070	Employees' Insurance	20,328	18,725	19,125	-
4080	Employee Suggestions & Awards	580	860	2,000	-
4090	Vacation Pay Expense	1,906	(1,175)	-	-
4100	Sick Pay Expense	2,135	2,810	-	-
4110	Net OPEB Expense	601	42	42	-
4600	Workers' Compensation	292	428	462	-
	<i>Employee Benefits Total</i>	51,635	51,429	49,653	-
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	109	75	120	-
2139	Maintenance/Service Contracts	5,025	8,388	2,500	-
2140	Postage	26	130	100	-
2151	Printing	-	675	750	-
2166	Professional Fees - Other	2,246	4,077	4,500	-
2170	Training	15,416	18,998	25,500	-
2171	Travel	15	23	50	-
2190	Communications	1,344	1,278	1,313	-
2230	Employee Relations	1,068	888	5,000	-
2260	Memberships - Professional	140	170	350	-
	<i>Contractual Services Total</i>	25,389	34,702	40,183	-
<u>COMMODITIES</u>					
3311	Office Supplies	2,225	723	1,500	-
3313	Subscriptions	-	3,325	7,300	-
3316	Operating Supplies	9,228	47,169	56,732	-
3331	Vehicle Supplies	675	2,893	1,350	-
	<i>Commodities Total</i>	12,128	54,110	66,882	-
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	1,373	1,599	1,728	-
	<i>Fixed & Sundry Total</i>	1,373	1,599	1,728	-
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	4,368	4,368	5,127	-
	<i>Miscellaneous Total</i>	4,368	4,368	5,127	-
	Total	\$ 179,870	\$ 235,652	\$ 274,647	\$ -

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

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 Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Active vendors	2,650	2,547	2,700	2,492	2,500	2,500	2,500
Checks issued/paid	2,780	2,797	2,730	2,770	2,700	2,750	2,700
EFT debits/paid	2,500	2,435	2,370	2,519	2,600	2,550	2,600
Purchase Orders	1,325	1,395	1,340	1,537	*	*	*
Formal Bids Completed	17	29	22	31	**	**	**
POA’s Completed	230	271	250	327	*	*	*

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of Annual Budget award overall criteria judged to be:							
Proficient	50%	92%	50%	92%	60%	60%	60%
Outstanding	50%	8%	50%	8%	40%	40%	40%
Proficient grading from Special Review Committee on CAFR	100%	100%	100%	71%	100%	100%	100%
Unqualified audit opinion by external CPA firm	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bond Ratings:							
Fitch	A+	A+	A+	A+	A+	A+	A+
Standard & Poor’s	A	A	A	A	A	A	A
Debt Service Ratio	2.93x	3.12x	2.81x	2.85x	2.93x	2.74x	2.82x

* Purchase Orders and POA’s Completed have been moved to Dept. 14 - Regulatory Affairs.

** Formal Bids Completed have been moved to Dep. 14 - Regulatory Affairs, now included with Formal Solicitations Completed.

DEPT. 21 - FINANCE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 684,995	\$ 753,985	\$ 743,366	\$ 639,460
1020	Overtime	1,269	-	1,000	1,000
	<i>Personnel Services Total</i>	<u>686,264</u>	<u>753,985</u>	<u>744,366</u>	<u>640,460</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	198,891	243,767	130,860	105,420
4060	FICA	50,387	54,193	56,944	48,995
4070	Employees' Insurance	202,758	224,341	228,245	239,700
4090	Vacation Pay Expense	10,487	9,694	-	-
4100	Sick Pay Expense	14,940	15,227	-	-
4110	Net OPEB Expense	7,803	507	466	466
4600	Workers' Compensation	1,194	2,056	891	558
4640	Unemployment Claims	-	-	9,207	10,000
	<i>Employee Benefits Total</i>	<u>486,460</u>	<u>549,785</u>	<u>426,613</u>	<u>405,139</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	3,452	3,745	509	-
2139	Maintenance/Service Contracts	991	1,139	1,350	1,520
2140	Postage	57	18	50	50
2151	Printing	80	20	100	50
2161	Professional Fees - Audit	40,900	41,620	48,500	49,000
2164	Profess. Fees - Consulting/Eng.	29,061	12,414	18,500	20,000
2165	Temporary Labor	17,823	6,951	-	-
2166	Professional Fees - Other	19,670	21,450	22,000	52,000
2170	Training	11,398	18,514	19,000	23,500
2171	Travel	165	63	510	100
2172	Car Allowance	5,160	5,160	9,417	5,160
2190	Communications	1,643	1,577	1,697	1,800
2230	Employee Relations	503	560	575	660
2260	Memberships - Professional	1,163	1,601	1,000	800
	<i>Contractual Services Total</i>	<u>132,066</u>	<u>114,832</u>	<u>123,208</u>	<u>154,640</u>
<u>COMMODITIES</u>					
3311	Office Supplies	6,880	6,743	6,910	6,900
3313	Subscriptions	408	478	400	400
	<i>Commodities Total</i>	<u>7,288</u>	<u>7,221</u>	<u>7,310</u>	<u>7,300</u>
<u>FIXED & SUNDRY</u>					
4020	Cash (Over) Short	(2,534)	189	-	-
4520	Licenses & Permits	100	325	100	100
4610	Property & Liab./Ins. & Uninsur.	7,801	9,745	10,351	11,182
5730	Bank Charges	322,101	337,253	338,000	338,000
	<i>Fixed & Sundry Total</i>	<u>327,468</u>	<u>347,512</u>	<u>348,451</u>	<u>349,282</u>
Total		<u>\$ 1,639,546</u>	<u>\$ 1,773,335</u>	<u>\$ 1,649,948</u>	<u>\$ 1,556,821</u>

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-trained facilities and warehouse staff to provide additional manpower during shortage or restoration event
- Centralized Fleet Services achieved 100 % participation rate for 2018, this will result in a higher vehicle utilization with a longer life expectancy
- Inspected all vehicles for safety issues 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 Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Vehicle safety inspections	157	160	160	180	180	183	183
Stock items issued	10,000	10,608	10,000	11,332	9,500	10,000	10,000
Stock purchase orders	700	785	750	1,774	850	1,000	1,000
Stock items returned	50	273	100	351	200	200	200

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Centralized Fleet Services work orders	200	160	200	479	200	500	500
Vehicle Procurement Centralized Fleet Services	10	10	>10	15	9	10	10
Inventory Shrinkage	.6%	(.11%)	.70%	3.3%	1.0%	.2%	0
Dept. Safety Frequency Rate	0.0	0.0	0.0	16.97	0.0	0.00	0.00
Dept. Safety DART Rate	0	0	0	0	0	0	0

DEPT. 22 - MATERIALS MANAGEMENT

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 339,704	\$ 347,352	\$ 376,688	\$ 385,846
1020	Overtime	6,226	4,347	7,500	7,500
	<i>Personnel Services Total</i>	<u>345,930</u>	<u>351,699</u>	<u>384,188</u>	<u>393,346</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	88,809	100,263	59,154	56,892
4060	FICA	22,241	22,224	29,390	30,091
4070	Employees' Insurance	101,274	108,292	112,751	118,400
4090	Vacation Pay Expense	(512)	(7,198)	-	-
4100	Sick Pay Expense	(8,030)	(1,313)	-	-
4110	Net OPEB Expense	3,601	253	254	254
4600	Workers' Compensation	4,375	5,060	5,200	4,245
	<i>Employee Benefits Total</i>	<u>211,758</u>	<u>227,581</u>	<u>206,749</u>	<u>209,882</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	1,531	2,139	2,450	2,450
2132	Maintenance Of Vehicles	7,071	10,422	7,250	7,250
2133	Maintenance Of Equipment	23,539	2,514	4,815	2,000
2139	Maintenance/Service Contracts	8,781	2,553	8,000	8,000
2140	Postage	181	-	150	150
2151	Printing	569	209	250	250
2170	Training	3,280	3,289	3,000	5,000
2171	Travel	10	-	100	100
2190	Communications	3,939	4,423	4,696	4,900
2200	Utilities	27,358	29,895	31,000	31,000
2230	Employee Relations	224	-	250	250
2260	Memberships - Professional	83	83	100	100
	<i>Contractual Services Total</i>	<u>76,566</u>	<u>55,527</u>	<u>62,061</u>	<u>61,450</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,136	1,492	2,398	2,000
3313	Subscriptions	-	1,802	1,600	1,600
3316	Operating Supplies	5,193	7,330	13,000	13,000
3331	Vehicle Supplies	17,561	17,153	18,000	18,000
3340	Small Tools	4,002	2,818	2,000	7,000
	<i>Commodities Total</i>	<u>27,892</u>	<u>30,595</u>	<u>36,998</u>	<u>41,600</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	50	78	400	400
4610	Property & Liab./Ins. & Uninsur.	27,070	34,338	38,054	43,193
4666	Inventory Adjustments	(4,602)	10,347	10,000	10,000
	<i>Fixed & Sundry Total</i>	<u>22,518</u>	<u>44,763</u>	<u>48,454</u>	<u>53,593</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	23,386	23,286	26,656	27,408
	<i>Miscellaneous Total</i>	<u>23,386</u>	<u>23,286</u>	<u>26,656</u>	<u>27,408</u>
	Total	<u>\$ 708,050</u>	<u>\$ 733,451</u>	<u>\$ 765,106</u>	<u>\$ 787,279</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
 - ◆ 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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 93,262	\$ 178,030	\$ 184,650	\$ 187,661
	<i>Personnel Services Total</i>	93,262	178,030	184,650	187,661
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	27,008	58,076	32,461	30,889
4060	FICA	7,039	13,618	14,126	14,356
4070	Employees' Insurance	20,062	41,569	43,673	45,900
4090	Vacation Pay Expense	5,058	221	-	-
4100	Sick Pay Expense	807	56	-	-
4110	Net OPEB Expense	601	84	85	85
4600	Workers' Compensation	59	71	154	101
4640	Unemployment Claims	937	-	-	-
	<i>Employee Benefits Total</i>	61,571	113,695	90,499	91,331
<u>CONTRACTUAL SERVICES</u>					
2151	Printing	40	132	-	-
2164	Profess. Fees - Consulting/Eng.	-	-	-	25,000
2170	Training	92	2,533	3,200	3,000
2171	Travel	1,040	-	300	500
2172	Car Allowance	3,835	8,460	8,460	8,460
2190	Communications	582	466	509	600
2230	Employee Relations	90	60	100	100
2240	Business Relations	116	156	200	200
2260	Memberships - Professional	347	785	1,500	1,500
2262	Memberships - Civic	-	15,520	27,500	27,500
	<i>Contractual Services Total</i>	6,142	28,112	41,769	66,860
<u>COMMODITIES</u>					
3311	Office Supplies	1,972	5,263	2,011	2,000
3313	Subscriptions	-	120	120	120
	<i>Commodities Total</i>	1,972	5,383	2,131	2,120
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	99	-	250
4610	Property & Liab./Ins. & Uninsur.	1,650	1,775	26,875	2,511
	<i>Fixed & Sundry Total</i>	1,650	1,874	26,875	2,761
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	-	8,167	6,152	6,325
	<i>Miscellaneous Total</i>	-	8,167	6,152	6,325
	Total	\$ 164,597	\$ 335,261	\$ 352,076	\$ 357,058

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); support and maintain Cardkey access control system
- 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

DEPARTMENTAL ACCOMPLISHMENTS

- Installed new VM Host Server
- Implemented KnowBe4 Cyber Security Training
- Replaced Compellent SAN with a Nimble San in the Admin building
- Replaced Cardkey Access Control System at ESC, and expanded the system to the Admin and Annex buildings

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Workstations supported	355	360	355	380	315	399	400
VoIP phones supported	285	263	285	305	265	309	310
Cell phones supported	101	100	101	102	105	103	105
Radios supported	220	219	220	223	221	220	225
Servers supported	96	94	96	100	95	102	104
Work orders completed	4,000	3,858	4,000	4245	3,800	4,000	4,000
Public Records request	30	70	50	62	**	**	**
Records disposition volume							
Electronic Records	10 GB	76.21 GB	70 GB	76 GB	**	**	**
Paper Records	100 cf	272.15 cf	200 cf	164.69 cf	**	**	**

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	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%
Keycard*	*	*	*	*	99.9%	99.9%	99.9%
Network ³	99.7%	99.9%	99.7%	99.5%	99.7%	99.7%	99.7%
Telephones ³	99.9%	100%	99.9%	99.8%	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%

*Not measured that year. 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.

** Public records request and Records disposition volume have been moved to Department 14 - Regulatory Affairs.

DEPT. 32 - INFORMATION TECHNOLOGY SERVICES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 926,319	\$ 1,047,246	\$ 1,061,732	\$ 1,149,035
1020	Overtime	5,914	5,067	6,000	6,000
	<i>Personnel Services Total</i>	<u>932,233</u>	<u>1,052,313</u>	<u>1,067,732</u>	<u>1,155,035</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	256,409	334,919	187,707	190,119
4060	FICA	68,800	79,032	81,681	88,360
4070	Employees' Insurance	263,293	284,884	285,473	299,800
4090	Vacation Pay Expense	9,487	6,411	-	-
4100	Sick Pay Expense	1,257	30,510	-	-
4110	Net OPEB Expense	10,207	718	678	678
4600	Workers' Compensation	969	1,283	1,310	811
	<i>Employee Benefits Total</i>	<u>610,422</u>	<u>737,757</u>	<u>556,849</u>	<u>579,768</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	1,148	1,910	2,000	1,500
2133	Maintenance Of Equipment	1,805	2,019	3,000	3,000
2139	Maintenance/Service Contracts	493,652	568,905	668,753	662,747
2140	Postage	47	37	500	500
2151	Printing	88	111	140	145
2164	Professional Fees - Consulting/Eng	-	-	7,000	12,000
2166	Professional Fees - Other	6,268	1,120	-	-
2170	Training	29,103	46,599	58,625	50,000
2171	Travel	663	904	600	600
2172	Car Allowance	9,048	9,900	9,900	9,900
2190	Communications	14,386	15,989	18,184	20,000
2230	Employee Relations	610	875	800	1,190
2260	Memberships - Professional	1,640	1,540	1,650	1,500
	<i>Contractual Services Total</i>	<u>558,458</u>	<u>649,909</u>	<u>771,152</u>	<u>763,082</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,503	1,442	2,300	2,200
3313	Subscriptions	11,099	3,380	3,500	3,400
3316	Operating Supplies	451,795	343,726	391,007	471,260
3331	Vehicle Supplies	1,767	1,604	1,400	1,400
3340	Small Tools	745	646	750	750
	<i>Commodities Total</i>	<u>467,909</u>	<u>350,798</u>	<u>398,957</u>	<u>479,010</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	11,781	26,083	25,970	33,771
	<i>Fixed & Sundry Total</i>	<u>11,781</u>	<u>26,083</u>	<u>25,970</u>	<u>33,771</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	161,331	158,510	202,993	212,936
	<i>Miscellaneous Total</i>	<u>161,331</u>	<u>158,510</u>	<u>202,993</u>	<u>212,936</u>
	Total	<u>\$ 2,742,134</u>	<u>\$ 2,975,370</u>	<u>\$ 3,023,653</u>	<u>\$ 3,223,602</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
- Replaced/Repaired existing lighting with L.E.D. 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 2nd floor
- Replaced HVAC system 1st floor Annex

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Facilities work requests	225	533	300	256	350	350	350
Customer work requests	175	290	250	141	200	250	150
Homes participating in the weatherization program (WEOP)	30	23	30	6	35	20	35
Obsolete HVAC systems replaced	4	8	4	9	5	5	5

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Cycle time (days to complete work requests)	4.5	11.0	4.0	11.0	8.0	8.0	6.0
Average age of active work orders (days)	3.5	7.5	4.0	10.0	4.0	6.0	5.0
Facilities Operating GSF Index	17.5%	11.0%	14.0%	14.3%	11.0%	13.0%	11.0%
Facilities Operating GUE Index	22.0%	15.0%	18.0%	19.0%	15.0%	15.0%	15.0%

DEPT. 35 - FACILITIES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 233,830	\$ 250,614	\$ 248,347	\$ 303,854
1020	Overtime	4,676	10,785	10,000	6,500
	<i>Personnel Services Total</i>	238,506	261,399	258,347	310,354
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	78,807	97,299	45,417	51,084
4060	FICA	21,282	23,000	19,764	23,742
4070	Employees' Insurance	59,534	61,569	63,052	66,300
4090	Vacation Pay Expense	7,191	(399)	-	-
4100	Sick Pay Expense	4,587	1,679	-	-
4110	Net OPEB Expense	3,000	211	212	212
4600	Workers' Compensation	3,513	3,860	4,173	3,406
	<i>Employee Benefits Total</i>	177,914	187,219	132,618	144,744
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	2,407	3,533	2,700	2,700
2131	Maintenance Of Buildings	23,389	18,383	36,000	40,000
2132	Maintenance Of Vehicles	1,799	852	2,100	2,100
2139	Maintenance/Service Contracts	159,094	159,533	148,140	135,000
2140	Postage	5,127	5,139	6,000	6,000
2151	Printing	40	-	120	120
2170	Training	993	3,848	4,000	4,000
2171	Travel	1,258	176	200	-
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	4,032	3,215	3,411	3,600
2200	Utilities	78,364	76,110	75,900	75,900
2230	Employee Relations	13	-	300	-
2250	Community Relations	91,758	49,969	75,000	150,000
2260	Memberships - Professional	452	329	500	500
	<i>Contractual Services Total</i>	373,886	326,247	359,531	425,080
<u>COMMODITIES</u>					
3311	Office Supplies	2,881	2,689	2,500	2,500
3316	Operating Supplies	18,535	6,676	58,474	6,500
3331	Vehicle Supplies	7,285	5,526	5,500	5,500
3340	Small Tools	718	951	6,150	1,250
	<i>Commodities Total</i>	29,419	15,842	72,624	15,750
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	150	150	200	200
4610	Property & Liab./Ins. & Uninsur.	3,953	3,914	4,157	5,951
	<i>Fixed & Sundry Total</i>	4,103	4,064	4,357	6,151
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	17,723	7,470	5,127	5,271
	<i>Miscellaneous Total</i>	17,723	7,470	5,127	5,271
	Total	\$ 841,551	\$ 802,241	\$ 832,604	\$ 907,350

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

- Increased community outreach efforts to promote utility conservation utilizing Conservation Materials, Conservation Kits and LED Light Bulbs
- Increased communication with employees and customers
- Increased Facebook followers by 31% in FY 2019 (up 153% in FY 2018)
- Participated in community beautification Initiatives such as Utility Box Wraps and Great American Cleanup
- Participated in the Pumpkin Patch Scavenger Hunt event with City of Fort Pierce
- Partnered with City of Fort Pierce to advertise upcoming City events (Holiday Happenings, Great American Cleanup, Sunrise Theatre)

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Press releases	*	21	30	29	32	33	34
Customer newsletters	*	1	2	0	2	1	2
Ad placements	32	34	40	38	45	42	45
Community Outreach	35	43	36	37	48	40**	48
Social media postings	75	78	220	179	250	280	300
FPUA sponsored events (attended)	3	7	6	9	12	9**	12

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of employee participation in volunteer incentive program	12%	12%	15%	7.7%	16%	9.4%	10%
Lbs. food donated through employee food drives	1,300	3,205	2,500	2,495	4,200	2,600**	4,200
% of employees contributing to United Way through payroll deduction	33%	32%	32%	32%	33%	35%	36%

*Community Relations combined with another department-no information available

** Lower numbers due to COVID-19 Pandemic

DEPT. 41 - COMMUNITY RELATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 65,280	\$ 70,169	\$ 73,613	\$ 76,567
	<i>Personnel Services Total</i>	65,280	70,169	73,613	76,567
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	18,898	23,409	12,941	12,603
4060	FICA	4,834	5,267	5,631	5,857
4070	Employees' Insurance	17,731	18,725	19,134	20,100
4090	Vacation Pay Expense	526	1,208	-	-
4100	Sick Pay Expense	4,821	2,819	-	-
4110	Net OPEB Expense	-	42	42	42
4600	Workers' Compensation	59	71	77	51
	<i>Employee Benefits Total</i>	46,869	51,541	37,825	38,653
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	8,735	4,505	9,600	9,980
2151	Printing	16,022	13,587	18,500	18,500
2166	Professional Fees - Other	-	799	300	300
2170	Training	308	2,306	2,300	2,300
2172	Car Allowance	3,025	3,300	3,300	3,300
2190	Communications	968	967	1,067	1,200
2230	Employee Relations	14,290	13,026	15,500	15,500
2240	Business Relations	924	548	600	1,000
2250	Community Relations	21,190	27,792	25,000	27,000
2260	Memberships - Professional	-	363	265	265
2262	Memberships - Civic	845	630	900	900
	<i>Contractual Services Total</i>	66,307	67,823	77,332	80,245
<u>COMMODITIES</u>					
3311	Office Supplies	1,540	1,529	1,300	1,600
3313	Subscriptions	-	120	120	120
3316	Operating Supplies	4,861	6,226	8,000	10,000
	<i>Commodities Total</i>	6,401	7,875	9,420	11,720
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	563	779	829	1,131
	<i>Fixed & Sundry Total</i>	563	779	829	1,131
	Total	\$ 185,420	\$ 198,187	\$ 199,019	\$ 208,316

CUSTOMER SERVICE

DEPARTMENTAL GOALS AND OBJECTIVES

- Serve as primary contact for 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 3.24%
- Increased Auto Pay by 10.29%
- Text to Pay transactions increased by 19.6%
- Worked with ITS to add outside Kiosk
- Worked with ITS to change cash balancing system in Cash Office and implemented new procedure
- Implemented training program for Customer Service
- Updated lobby monitor information for customers
- Converted City of Fort Pierce to aggregate billing

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. bills generated monthly	30,000	33,923	33,800	34,462	34,250	34,716	35,000
E-Billing*	27,600	44,402	48,000	45,842	55,000	52,634	53,500
Auto Pay*	63,600	57,242	63,600	63,131	65,000	66,780	68,000
Budget Billing*	1,920	1,411	2,400	1,428	3,200	1,404	1,425
Text to Pay*	4,800	1,657	2,000	1,982	2,000	1,800	2,000
On-Line Payment*	175,000	136,603	210,000	118,734	150,000	129,192	140,000
Lobby Walk In	49,913	50,562	53,000	49,165	51,000	48,648***	50,000
IVR Calls In and Out**	**	266,997	270,000	230,024	270,000	182,311***	250,000
Call center calls	81,000	62,533	62,500	56,920	62,500	58,532	62,500
Drive Thru	39,430	41,130	41,000	40,397	41,000	42,872***	42,000
Full service Kiosks	1	1	2	1	2	2	2
Rebates processed	155	220	250	289	265	230	230

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Billing errors caught after bill was mailed vs all bills	.50%	.03%	5.00%	.60%	.05%	0.96%	.50%
Billing errors caught before bill was mailed vs all bills	95.00%	99.97%	95.00%	99.39%	99.95%	99.04%	99.50%

*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

***Numbers affected due to COVID-19 Pandemic

DEPT. 43 - CUSTOMER SERVICE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 913,671	\$ 1,005,301	\$ 1,000,982	\$ 1,073,016
1020	Overtime	13,514	2,775	3,750	3,750
	<i>Personnel Services Total</i>	<u>927,185</u>	<u>1,008,076</u>	<u>1,004,732</u>	<u>1,076,766</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	233,445	294,945	167,717	167,867
4060	FICA	67,103	72,896	76,862	82,373
4070	Employees' Insurance	354,826	377,912	378,518	397,500
4090	Vacation Pay Expense	(4,765)	274	-	-
4100	Sick Pay Expense	(10,295)	15,422	-	-
4110	Net OPEB Expense	15,610	1,098	1,102	1,102
4600	Workers' Compensation	1,541	1,960	2,119	1,318
4640	Unemployment Claims	17	-	-	-
	<i>Employee Benefits Total</i>	<u>657,482</u>	<u>764,507</u>	<u>626,318</u>	<u>650,160</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	1,449	1,470	1,600	1,600
2133	Maintenance Of Equipment	657	530	1,000	1,000
2139	Maintenance/Service Contracts	41,514	119,870	140,000	140,000
2140	Postage	166,323	180,332	210,000	210,000
2151	Printing	30,584	30,673	51,000	51,000
2165	Temporary Labor	14,305	11,483	-	-
2166	Professional Fees - Other	90,653	16,061	2,000	2,000
2170	Training	2,136	16,833	14,000	25,000
2171	Travel	23	88	200	200
2172	Car Allowance	6,444	3,300	3,300	3,300
2190	Communications	11,316	6,164	6,417	6,700
2230	Employee Relations	4,903	5,558	6,500	6,500
2250	Community Relations	1,250	-	-	-
2260	Memberships - Professional	380	219	500	200
2262	Memberships - Civic	668	-	200	200
2290	Billing Housing Authority	3,935	2,398	2,200	2,200
	<i>Contractual Services Total</i>	<u>376,540</u>	<u>394,979</u>	<u>438,917</u>	<u>449,900</u>
<u>COMMODITIES</u>					
3311	Office Supplies	16,888	25,548	22,806	15,000
3313	Subscriptions	-	-	200	200
3316	Operating Supplies	1,195	2,292	2,000	2,000
	<i>Commodities Total</i>	<u>18,083</u>	<u>27,840</u>	<u>25,006</u>	<u>17,200</u>
<u>FIXED & SUNDRY</u>					
4020	Cash (Over) Short	(258)	(201)	-	-
4610	Property & Liab./Ins. & Uninsur.	13,335	13,296	14,264	18,228
	<i>Fixed & Sundry Total</i>	<u>13,077</u>	<u>13,095</u>	<u>14,264</u>	<u>18,228</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	30,134	30,742	31,782	32,679
	<i>Miscellaneous Total</i>	<u>30,134</u>	<u>30,742</u>	<u>31,782</u>	<u>32,679</u>
	Total	<u>\$ 2,022,501</u>	<u>\$ 2,239,239</u>	<u>\$ 2,141,019</u>	<u>\$ 2,244,933</u>

DIRECTOR OF ELECTRIC & GAS SYSTEMS

DEPARTMENTAL CORE SERVICES

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



DEPT. 51 - DIRECTOR OF ELECTRIC & GAS SYSTEMS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 146,989	\$ 153,291	\$ 154,526	\$ 156,934
	<i>Personnel Services Total</i>	146,989	153,291	154,526	156,934
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	40,661	48,009	27,166	25,831
4060	FICA	9,662	10,422	11,821	12,005
4070	Employees' Insurance	23,266	24,090	25,176	26,500
4090	Vacation Pay Expense	(2,506)	1,469	-	-
4100	Sick Pay Expense	4,722	4,004	-	-
4110	Net OPEB Expense	601	42	42	42
4600	Workers' Compensation	292	392	424	298
	<i>Employee Benefits Total</i>	76,698	88,428	64,629	64,676
<u>CONTRACTUAL SERVICES</u>					
2140	Postage	-	16	-	-
2151	Advertising	20	20	-	-
2164	Profess. Fees - Consulting/Eng.	32,544	33,791	46,300	35,000
2170	Training	5,132	6,025	6,500	6,500
2171	Travel	326	(114)	1,500	500
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	1,048	971	1,068	1,200
2230	Employee Relations	317	3,205	3,500	8,500
2240	Business Relations	115	101	100	100
2250	Community Relations	45	-	-	-
2260	Memberships - Professional	39,879	40,816	49,500	45,000
2262	Memberships - Civic	915	915	870	900
	<i>Contractual Services Total</i>	85,501	90,906	114,498	102,860
<u>COMMODITIES</u>					
3311	Office Supplies	-	63	600	600
3313	Subscriptions	-	-	300	100
	<i>Commodities Total</i>	-	63	900	700
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	89	100	100
4610	Property & Liab./Ins. & Uninsur.	1,063	1,487	1,570	2,110
	<i>Fixed & Sundry Total</i>	1,063	1,576	1,670	2,210
	Total	\$ 310,251	\$ 334,264	\$ 336,223	\$ 327,380

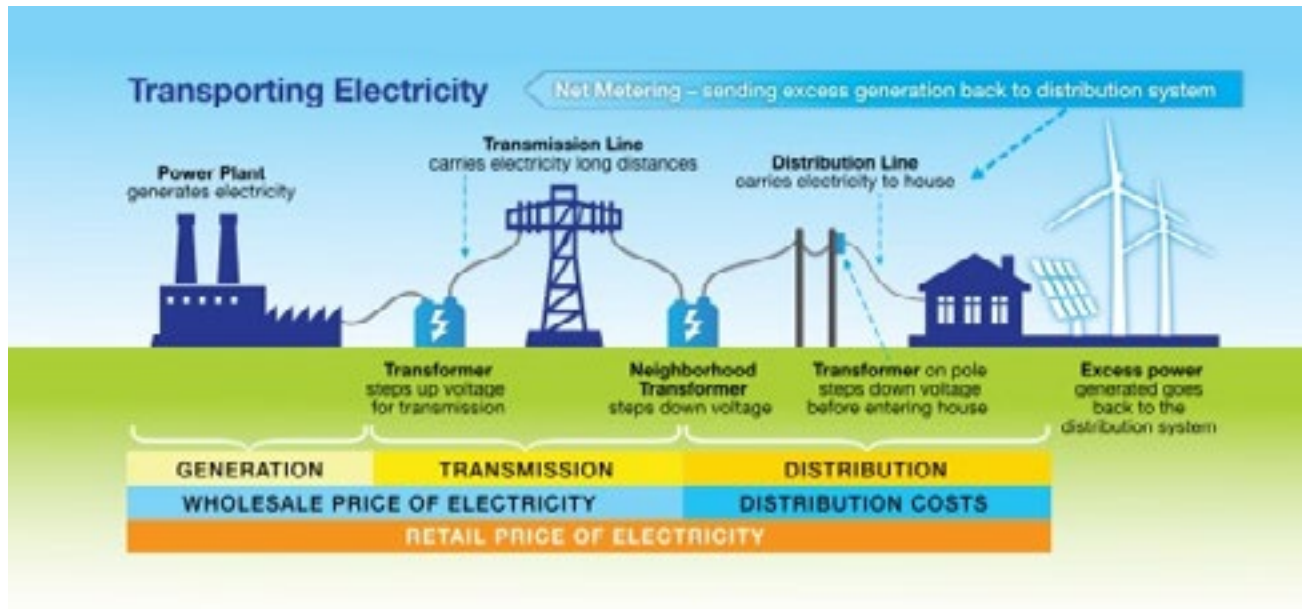
DEPT. 52 - POWER GENERATION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
	<u>MISCELLANEOUS</u>				
9050	Extraordinary Expense	\$ 654	\$ 176	\$ -	\$ -
	<i>Miscellaneous Total</i>	<u>654</u>	<u>176</u>	<u>-</u>	<u>-</u>
	Total	<u>\$ 654</u>	<u>\$ 176</u>	<u>\$ -</u>	<u>\$ -</u>



DEPT. 53 - ELECTRIC PURCHASES FOR RESALE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
	<u>PURCHASES FOR RESALE</u>				
3360	Purchases For Resale	\$ 41,402,405	\$ 41,923,532	\$ 46,000,000	\$ 45,000,000
	<i>Miscellaneous Total</i>	41,402,405	41,923,532	46,000,000	45,000,000
	Total	<u>\$ 41,402,405</u>	<u>\$ 41,923,532</u>	<u>\$ 46,000,000</u>	<u>\$ 45,000,000</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 Dorian
- Inspected one-third of our transmission lines
- Implemented new safety procedures
- Implemented new procedures for storm restorations
- Awarded FMEA’s Restoring the Community Award
- Awarded APPA and FMEA awards for Safety

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Miles of T & D lines maintained	428	405	440	400	440	450	440

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of energy loss	≤ 5.0%	4.3%	≤5.0%	1.5%	≤5.0%	<5.0%	≤5.0%
System Average Interruption Duration (SAIDI)	<50.0	53.2	<50	55.90	<50	55.99	<50
Customer Average Interruption Duration (CAIDI)	<60.0	54.3	<50	53.90	<50	53.94	<50
System Average Interruption Frequency (SAIFI)	<0.60	.98	<.50	1.04	<.50	1.04	<.50
Momentary Average Interruption event Frequency Index (MAIFI)	<6.5	7.39	<7.0	7.16	<7.0	7.17	<7.0
L-Bar	<70.0	90.34	<70	84.71	<70	84.71	<70
Safety Frequency Rate	≤ 5.0	4.3	≤ 5.0	4.12	0.0	0.0	≤ 5.0
Safety DART Rate	≤ 50	0	175	0	175	0	≤ 50

DEPT. 54 - ELECTRIC TRANSMISSION & DISTRIBUTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,642,696	\$ 1,802,806	\$ 1,902,839	\$ 1,990,230
1020	Overtime	181,135	190,286	205,000	205,000
	<i>Personnel Services Total</i>	<u>1,823,831</u>	<u>1,993,092</u>	<u>2,107,839</u>	<u>2,195,230</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	486,561	638,968	370,558	361,335
4060	FICA	147,533	149,469	161,250	167,935
4070	Employees' Insurance	341,635	357,213	406,590	427,000
4090	Vacation Pay Expense	(8,573)	12,097	-	-
4100	Sick Pay Expense	(19,839)	12,552	-	-
4110	Net OPEB Expense	13,808	1,056	1,059	1,059
4600	Workers' Compensation	53,722	21,989	48,715	19,396
	<i>Employee Benefits Total</i>	<u>1,014,847</u>	<u>1,193,344</u>	<u>988,172</u>	<u>976,725</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	10,018	11,721	25,000	25,000
2132	Maintenance Of Vehicles	42,313	29,445	33,000	35,000
2133	Maintenance Of Equipment	13,861	9,293	16,000	18,000
2139	Maintenance/Service Contracts	420,941	486,303	570,000	600,000
2140	Postage	519	584	600	600
2151	Printing	20	1,702	300	400
2164	Profess. Fees - Consulting/Eng.	1,200	-	-	-
2166	Professional Fees - Other	17,567	2,239	20,000	25,000
2170	Training	50,165	39,302	60,000	100,000
2171	Travel	329	400	1,000	1,000
2190	Communications	9,036	12,629	13,921	14,500
2200	Utilities	101,195	94,208	83,400	83,400
2230	Employee Relations	3,338	4,186	6,000	6,000
	<i>Contractual Services Total</i>	<u>670,502</u>	<u>692,012</u>	<u>829,221</u>	<u>908,900</u>
<u>COMMODITIES</u>					
3311	Office Supplies	3,048	2,788	4,009	3,000
3313	Subscriptions	-	-	100	100
3316	Operating Supplies	220,805	303,554	282,000	293,500
3331	Vehicle Supplies	73,487	26,798	55,000	55,000
3340	Small Tools	20,982	25,311	24,000	24,000
	<i>Commodities Total</i>	<u>318,322</u>	<u>358,451</u>	<u>365,109</u>	<u>375,600</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	40	138	100	100
4610	Property & Liab./Ins. & Uninsur.	118,776	199,513	134,917	158,026
4666	Inventory Adjustments	-	133,096	-	-
9005	Duplicate Charges	(48,866)	(49,184)	(49,600)	(49,200)
	<i>Fixed & Sundry Total</i>	<u>69,950</u>	<u>283,563</u>	<u>85,417</u>	<u>108,926</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	3,290,045	4,026,096	4,157,235	4,314,585
	<i>Miscellaneous Total</i>	<u>3,290,045</u>	<u>4,026,096</u>	<u>4,157,235</u>	<u>4,314,585</u>
	Total	<u>\$ 7,187,497</u>	<u>\$ 8,546,558</u>	<u>\$ 8,532,993</u>	<u>\$ 8,879,966</u>

ELECTRIC OPERATIONS

DEPARTMENTAL GOALS AND OBJECTIVES

- Collaborate with the Electric Engineering department to identify needed system extensions and upgrades
- Responsible for all aspects of electrical 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 on time.
- Responsible for the 24/7 System Operation and Service Restoration of the Transmission and Distribution electrical service to FPUA customers
- Accountable 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 the strategic plan

DEPARTMENTAL ACCOMPLISHMENTS

- Successfully worked with GIS Manager on the implementation and testing of the new Customer Services Operations Dashboard to supply more accurate and timely customer outage information enhancing the FPUA customer experience
- Used Responder (OMS) to improve customer restoration times system-wide. OMS allowed more significant 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 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. # of services billed	28,450	28,265	29,000	28,527	29,000	29,000	28,500
Trouble calls processed through Dispatch	<3,500	4,606	<3,500	2,437	<3,500	<3,700	<3,500
Meters read	>665,000	642,289	>665,000	631,256	>665,000	665,000	665,000
Avg. # of discon/recon per mth	>450	576	>450	695	>450	>400	>450

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of energy loss	≤ 5.0%	4.3%	≤ 5.0%	1.5%	≤ 5.0%	<5.0%	≤ 5.0%
SAIDI	< 50	53.2	< 50	55.90	< 50	55.99	< 50
CAIDI	<60	54.3	< 55	53.90	< 55	53.94	< 55
SAIFI	< .60	0.98	< 0.50	1.04	< 0.50	1.04	< 0.50
MAIFI	<7.0	7.39	<7.0	7.16	<7.0	7.17	<7.0
L-Bar	<70	90.34	<70	84.71	<70	84.71	<70.0
O&M cost/services billed±	\$31.04	\$25.93	≤\$26.47	\$30.39	≤\$26.25	≤\$31.00	≤\$32.00

±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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 956,377	\$ 1,045,173	\$ 1,032,805	\$ 1,068,031
1020	Overtime	72,529	95,505	95,000	95,000
	<i>Personnel Services Total</i>	<u>1,028,906</u>	<u>1,140,678</u>	<u>1,127,805</u>	<u>1,163,031</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	304,462	372,833	163,440	160,549
4060	FICA	89,850	99,744	86,277	88,972
4070	Employees' Insurance	360,392	363,005	373,172	391,900
4090	Vacation Pay Expense	9,454	(13,703)	-	-
4100	Sick Pay Expense	(11,626)	(37,809)	-	-
4110	Net OPEB Expense	14,408	1,013	1,017	1,017
4600	Workers' Compensation	19,290	22,486	23,627	19,346
4640	Unemployment Claims	-	-	793	-
	<i>Employee Benefits Total</i>	<u>786,230</u>	<u>807,569</u>	<u>648,326</u>	<u>661,784</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	4,295	4,483	7,000	7,000
2132	Maintenance Of Vehicles	9,514	7,064	10,000	10,000
2133	Maintenance Of Equipment	1,293	7,527	5,000	5,000
2139	Maintenance/Service Contracts	866	193	30,000	60,000
2140	Postage	-	197	500	500
2151	Printing	645	1,060	10,000	10,000
2165	Temporary Labor	17,403	-	-	-
2166	Professional Fees - Other	-	242	650	-
2170	Training	37,555	9,446	35,000	38,000
2171	Travel	-	-	100	-
2172	Car Allowance	8,707	6,625	8,460	8,460
2190	Communications	11,469	12,481	14,411	15,000
2230	Employee Relations	348	868	750	750
2240	Business Relations	27	-	100	1,000
2260	Memberships - Professional	75	-	100	-
	<i>Contractual Services Total</i>	<u>92,197</u>	<u>50,186</u>	<u>122,071</u>	<u>155,710</u>
<u>COMMODITIES</u>					
3311	Office Supplies	1,511	1,344	2,349	2,000
3316	Operating Supplies	25,895	24,041	40,000	42,000
3331	Vehicle Supplies	45,164	47,129	41,000	41,000
3340	Small Tools	5,968	3,762	5,000	5,000
	<i>Commodities Total</i>	<u>78,538</u>	<u>76,276</u>	<u>88,349</u>	<u>90,000</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	650	400	1,000	1,000
4610	Property & Liab./Ins. & Uninsur.	15,726	18,688	17,854	21,967
	<i>Fixed & Sundry Total</i>	<u>16,376</u>	<u>19,088</u>	<u>18,854</u>	<u>22,967</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	50,452	80,935	90,219	96,978
	<i>Miscellaneous Total</i>	<u>50,452</u>	<u>80,935</u>	<u>90,219</u>	<u>96,978</u>
	Total	<u>\$ 2,052,699</u>	<u>\$ 2,174,732</u>	<u>\$ 2,095,624</u>	<u>\$ 2,190,470</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

- Bid, Award, and Completion of 222 pole replacements
- Replaced 845 HID light fixtures with LED
- Installation of 35 Trip Savers
- Award of Bid, receiving, and installation three (3) 69 kV circuit breakers
- Award of Bid for six (6) Substation Distribution Transformers
- Hiring Engineer Trainee and GIS Analyst
- Analysis of laterals needing reliability improvements made possible by 3 years of digitally archived outage information

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Designs completed	140	128	160	181	170	200	220
Construction projects managed	120	173	120	130	120	172	120

DEPT. 56 - ELECTRIC & GAS ENGINEERING

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 561,501	\$ 791,360	\$ 817,520	\$ 865,430
1020	Overtime	-	378	500	500
	<i>Personnel Services Total</i>	<u>561,501</u>	<u>791,738</u>	<u>818,020</u>	<u>865,930</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	155,966	236,743	137,513	142,532
4060	FICA	41,664	58,033	62,579	66,244
4070	Employees' Insurance	143,027	206,206	207,784	218,200
4090	Vacation Pay Expense	(5,788)	9,834	-	-
4100	Sick Pay Expense	8,370	8,737	-	-
4110	Net OPEB Expense	5,404	549	551	551
4600	Workers' Compensation	3,178	7,388	7,986	6,423
	<i>Employee Benefits Total</i>	<u>351,821</u>	<u>527,490</u>	<u>416,413</u>	<u>433,950</u>
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	1,500	2,087	1,000	1,000
2139	Maintenance/Service Contracts	556	501	500	500
2140	Postage	17	22	50	50
2151	Printing	120	100	100	100
2164	Profess. Fees - Consulting/Eng.	2,288	4,350	14,000	30,000
2170	Training	16,781	19,528	11,000	20,000
2171	Travel	546	-	-	700
2172	Car Allowance	10,811	16,186	16,630	18,780
2190	Communications	5,454	4,386	4,631	4,900
2230	Employee Relations	352	525	1,000	1,000
2240	Business Relations	34	169	200	200
2260	Memberships - Professional	620	1,103	1,200	1,200
	<i>Contractual Services Total</i>	<u>39,079</u>	<u>48,957</u>	<u>50,311</u>	<u>78,430</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,965	6,735	5,032	5,000
3313	Subscriptions	281	1,010	900	900
3316	Operating Supplies	2,917	7,552	3,500	3,500
3331	Vehicle Supplies	5,709	4,850	4,000	4,000
3340	Small Tools	-	25	-	-
	<i>Commodities Total</i>	<u>11,872</u>	<u>20,172</u>	<u>13,432</u>	<u>13,400</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	-	227	150	300
4610	Property & Liab./Ins. & Uninsur.	6,466	10,008	10,566	13,712
	<i>Fixed & Sundry Total</i>	<u>6,466</u>	<u>10,235</u>	<u>10,716</u>	<u>14,012</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	7,310	14,234	17,429	17,917
	<i>Miscellaneous Total</i>	<u>7,310</u>	<u>14,234</u>	<u>17,429</u>	<u>17,917</u>
	Total	<u>\$ 978,049</u>	<u>\$ 1,412,826</u>	<u>\$ 1,326,321</u>	<u>\$ 1,423,639</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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 118,477	\$ 123,973	\$ 127,422	\$ 129,578
	<i>Personnel Services Total</i>	<u>118,477</u>	<u>123,973</u>	<u>127,422</u>	<u>129,578</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	34,341	40,726	22,401	21,329
4060	FICA	9,256	9,511	9,748	9,913
4070	Employees' Insurance	18,010	22,978	24,676	26,000
4090	Vacation Pay Expense	1,123	1,905	-	-
4100	Sick Pay Expense	3,356	800	-	-
4110	Net OPEB Expense	601	42	42	42
4600	Workers' Compensation	59	71	77	51
	<i>Employee Benefits Total</i>	<u>66,746</u>	<u>76,033</u>	<u>56,944</u>	<u>57,335</u>
<u>CONTRACTUAL SERVICES</u>					
2140	Postage	-	-	25	-
2151	Printing	-	20	-	-
2164	Profess. Fees - Consulting/Eng.	1,138	20,052	18,624	-
2170	Training	1,434	1,138	1,200	1,200
2171	Travel	240	-	544	-
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	1,000	940	968	1,100
2240	Business Relations	26	110	-	-
2260	Memberships - Professional	347	309	1,536	1,536
	<i>Contractual Services Total</i>	<u>9,345</u>	<u>27,729</u>	<u>28,057</u>	<u>8,996</u>
<u>COMMODITIES</u>					
3311	Office Supplies	595	138	500	3,500
	<i>Commodities Total</i>	<u>595</u>	<u>138</u>	<u>500</u>	<u>3,500</u>
<u>FIXED & SUNDRY</u>					
4610	Property & Liab./Ins. & Uninsur.	912	1,247	1,318	1,767
	<i>Fixed & Sundry Total</i>	<u>912</u>	<u>1,247</u>	<u>1,318</u>	<u>1,767</u>
	Total	<u>\$ 196,075</u>	<u>\$ 229,120</u>	<u>\$ 214,241</u>	<u>\$ 201,176</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, at 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 replacement of Lime Clearwell Transfer Pump #4, as well as increasing the reliability of the Lime Softening System.
- Completed rehabilitation of the 1 million gallon South Hutchinson Island Ground Storage Tank, increased the reliability to provide water storage for fire protection, stabilized water pressure, and provide customers with drinking water during equipment breakdowns.
- Completed replacement of Influent #1 and Effluent #1 Air Stripping Tower Transfer Pumps. This increased the reliability to remove volatile organic compounds (VOC's) found in surficial raw water.

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Monthly samples collected for testing	60	60	60	60	60	60	60
Surficial wells maintained	32	29	32	30	32	31	32
Floridan wells maintained	11	11	11	11	11	11	11

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	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%	94%	100%	97%	100%
% of Floridan wells in service	100%	100%	100%	100%	100%	100%	100%
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. 62 - WATER RESOURCES

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,218,577	\$ 1,285,901	\$ 1,345,322	\$ 1,393,448
1020	Overtime	99,297	89,841	113,300	115,000
	<i>Personnel Services Total</i>	<u>1,317,874</u>	<u>1,375,742</u>	<u>1,458,622</u>	<u>1,508,448</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	329,978	412,786	225,365	212,319
4060	FICA	97,029	102,569	111,585	115,396
4070	Employees' Insurance	340,780	366,218	373,330	392,000
4090	Vacation Pay Expense	7,369	13,688	-	-
4100	Sick Pay Expense	11,308	15,500	-	-
4110	Net OPEB Expense	14,409	1,056	1,059	1,059
4600	Workers' Compensation	22,888	41,964	45,364	45,796
	<i>Employee Benefits Total</i>	<u>823,761</u>	<u>953,781</u>	<u>756,703</u>	<u>766,570</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	210	-	-	-
2122	Rentals	2,395	2,034	3,803	3,200
2131	Maintenance Of Buildings	1,000	-	-	-
2132	Maintenance Of Vehicles	11,407	35,099	13,390	13,600
2133	Maintenance Of Equipment	42,777	14,966	51,500	51,500
2139	Maintenance/Service Contracts	261,344	351,222	411,700	420,000
2140	Postage	270	314	440	450
2151	Printing	1,727	2,655	2,999	3,050
2164	Profess. Fees - Consulting/Eng.	29,116	33,650	40,000	150,000
2166	Professional Fees - Other	12,884	897	12,295	2,000
2170	Training	3,255	5,165	5,000	15,000
2172	Car Allowance	5,160	5,160	5,160	5,160
2190	Communications	10,898	12,309	12,841	13,400
2200	Utilities	957,817	921,385	890,700	890,700
2230	Employee Relations	971	580	819	800
2240	Business Relations	36	-	-	-
2260	Memberships - Professional	370	563	819	820
2262	Memberships - Civic	-	-	660	660
	<i>Contractual Services Total</i>	<u>1,341,637</u>	<u>1,385,999</u>	<u>1,452,126</u>	<u>1,570,340</u>
<u>COMMODITIES</u>					
3311	Office Supplies	4,894	5,206	5,632	10,000
3313	Subscriptions	-	329	600	345
3316	Operating Supplies	306,255	326,526	330,000	336,500
3320	Chemicals	803,729	939,917	1,150,000	1,150,000
3331	Vehicle Supplies	35,090	31,605	34,816	35,500
3340	Small Tools	4,578	3,630	5,433	5,500
3360	Purchases For Resale	-	6,244	3,599	3,000
	<i>Commodities Total</i>	<u>1,154,546</u>	<u>1,313,457</u>	<u>1,530,080</u>	<u>1,540,845</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	20,198	15,218	10,198	10,200
4610	Property & Liab./Ins. & Uninsur.	99,908	113,515	126,463	148,690
	<i>Fixed & Sundry Total</i>	<u>120,106</u>	<u>128,733</u>	<u>136,661</u>	<u>158,890</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	2,677,146	2,881,069	2,129,363	2,194,715
	<i>Miscellaneous Total</i>	<u>2,677,146</u>	<u>2,881,069</u>	<u>2,129,363</u>	<u>2,194,715</u>
	Total	<u>\$ 7,435,070</u>	<u>\$ 8,038,781</u>	<u>\$ 7,463,555</u>	<u>\$ 7,739,808</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 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of backflows prevention devices tested	100%	94%	100%	97%	100%	95%	100%
% of distribution control valves inspected	10.0%	6.2%	10.0%	6.63%	10.0%	3%	10%
% of hydrants inspected	50.0%	13.7%	50.0%	7.4%	50.0%	10%	50%
% of meters changed out 20 years or older (*)	10.0%	7.35%	10.0%	2.87%	10.0%	5%	10%
Avg. # of monthly service calls	500	562	500	546	500	550	500
Avg. # of services billed	20,500	20,356	20,500	20,725	21,000	21,038	21,500

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
% of water loss	< 5.0%	10.84%	<5.0%	1.68%	<5.0%	6.0%	<5.0%
# of water quality trouble calls	<50	68	<50	52	<50	40	<50

*2% more for AMI Meter Installation FY2021

DEPT. 64 - WATER DISTRIBUTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 1,256,481	\$ 1,222,906	\$ 1,332,134	\$ 1,378,866
1020	Overtime	66,929	61,072	107,000	107,000
	<i>Personnel Services Total</i>	<u>1,323,410</u>	<u>1,283,978</u>	<u>1,439,134</u>	<u>1,485,866</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	337,997	399,998	245,361	237,449
4060	FICA	98,252	97,172	110,094	113,669
4070	Employees' Insurance	451,981	446,586	444,927	467,200
4090	Vacation Pay Expense	(5,906)	(4,783)	-	-
4100	Sick Pay Expense	22,606	3,857	-	-
4110	Net OPEB Expense	16,797	1,140	1,144	1,144
4600	Workers' Compensation	25,046	40,277	46,204	40,561
	<i>Employee Benefits Total</i>	<u>946,773</u>	<u>984,247</u>	<u>847,730</u>	<u>860,023</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	571	767	1,176	1,200
2132	Maintenance of Structures	-	4,838	-	-
2132	Maintenance Of Vehicles	15,877	33,667	30,000	30,600
2133	Maintenance Of Equipment	7,313	4,849	15,250	15,555
2139	Maintenance/Service Contracts	192,345	144,794	242,000	250,000
2140	Postage	58	6	50	51
2151	Printing	554	816	1,697	1,704
2164	Professional Fees	-	-	-	50,000
2166	Professional Fees - Other	4,616	7,022	8,000	8,160
2170	Training	5,803	14,355	10,000	18,043
2171	Travel	59	88	254	259
2190	Communications	14,268	14,871	15,172	17,100
2200	Utilities	24,121	23,109	20,800	20,800
2230	Employee Relations	1,366	1,504	1,000	1,020
2260	Memberships - Professional	380	676	529	540
	<i>Contractual Services Total</i>	<u>267,331</u>	<u>251,362</u>	<u>345,928</u>	<u>415,032</u>
<u>COMMODITIES</u>					
3311	Office Supplies	5,916	5,654	5,881	5,999
3316	Operating Supplies	195,281	210,321	205,013	205,013
3331	Vehicle Supplies	98,392	91,258	101,864	103,901
3340	Small Tools	53,922	21,510	40,960	41,779
	<i>Commodities Total</i>	<u>353,511</u>	<u>328,743</u>	<u>353,718</u>	<u>356,692</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	5,297	7,064	7,500	7,650
4610	Property & Liab./Ins. & Uninsur.	52,759	25,470	26,498	35,498
4666	Inventory Adjustments	-	53,733	-	-
	<i>Fixed & Sundry Total</i>	<u>58,056</u>	<u>86,267</u>	<u>33,998</u>	<u>43,148</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	2,617,731	2,546,771	2,630,692	2,723,889
	<i>Miscellaneous Total</i>	<u>2,617,731</u>	<u>2,546,771</u>	<u>2,630,692</u>	<u>2,723,889</u>
	Total	<u>\$ 5,566,812</u>	<u>\$ 5,481,368</u>	<u>\$ 5,651,200</u>	<u>\$ 5,884,650</u>

WATER/WASTEWATER ENGINEERING

DEPARTMENTAL CORE SERVICES

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

DEPARTMENTAL ACCOMPLISHMENTS

- Master Planned Improvement - Completed the construction of the 16-inch force main along Orange Avenue from Jenkins Road to North 39th Street. Installation will improve the hydraulic capacity of the NW portion of the service territory and is needed to redirect wastewater flows from the Island Water Reclamation Facility (IWRf) to the Mainland Water Reclamation Facility
- Building the City/Building the Utility - Designed, permitted and provided construction management for the Fleetwood Acres Water Main Expansion project to provide water to 80 customers.
- Designed and provided construction management of the Mura MSBU water main project to provide water to eighty 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.
- Completed the first Joint FPUA/City of Fort Pierce Utility/Roadway Reconstruction Project utilizing only in-house design and construction management personnel (Avenue A and Avenue B from North 8th Street to North 7th Street).

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Designs completed	24	15	20	30	20	20	20
Site plans/permits reviewed	100	299	125	281	150	468	200
Projects managed	60	57	80	130	80	115	90
Entities added to GIS	800	554	800	1,936	800	1,000	1,000
Water main replaced (ft)	8,000	4,601	8,000	9,350	8,000	10,000	10,000
Sewer VCP Main replaced (ft)	2,500	332	2,500	1,557	500	350	1,000
% of infrastructure verified	81.0%	78.34%	79.9%	81.7%	81.5%	82.0%	82.2%

DEPT. 66 - WATER/WASTEWATER ENGINEERING

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 613,277	\$ 671,183	\$ 700,627	\$ 768,454
1020	Overtime	529	517	2,000	2,000
	<i>Personnel Services Total</i>	613,806	671,700	702,627	770,454
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	174,678	219,384	123,522	126,817
4060	FICA	44,722	49,883	53,751	58,940
4070	Employees' Insurance	172,034	186,048	187,414	196,800
4090	Vacation Pay Expense	2,941	5,975	-	-
4100	Sick Pay Expense	15,569	10,987	-	-
4110	Net OPEB Expense	6,606	549	551	551
4600	Workers' Compensation	4,322	15,639	11,890	8,080
	<i>Employee Benefits Total</i>	420,872	488,465	377,128	391,188
<u>CONTRACTUAL SERVICES</u>					
2132	Maintenance Of Vehicles	1,531	2,079	2,000	2,000
2139	Maintenance/Service Contracts	12,118	501	927	1,000
2140	Postage	1	-	40	40
2151	Printing	60	350	150	150
2164	Profess. Fees - Consulting/Eng.	79,350	-	-	100,000
2166	Professional Fees - Other	-	719	588	500
2170	Training	8,711	16,866	7,736	14,000
2171	Travel	37	119	113	100
2172	Car Allowance	13,359	15,480	10,750	14,620
2190	Communications	5,569	5,631	6,134	6,400
2200	Utilities	24,912	22,801	21,700	21,700
2230	Employee Relations	612	530	819	550
2260	Memberships - Professional	230	955	1,843	1,000
	<i>Contractual Services Total</i>	146,490	66,031	52,800	162,060
<u>COMMODITIES</u>					
3311	Office Supplies	2,364	2,947	5,542	4,500
3316	Operating Supplies	1,661	2,447	4,000	3,000
3331	Vehicle Supplies	8,728	7,299	9,000	9,000
3340	Small Tools	28	75	300	300
	<i>Commodities Total</i>	12,781	12,768	18,842	16,800
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	700	300	1,176	1,000
4610	Property & Liab./Ins. & Uninsur.	7,840	11,361	11,129	13,831
	<i>Fixed & Sundry Total</i>	8,540	11,661	12,305	14,831
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	10,585	22,501	30,757	31,625
	<i>Miscellaneous Total</i>	10,585	22,501	30,757	31,625
	Total	\$ 1,213,074	\$ 1,273,126	\$ 1,194,459	\$ 1,386,958

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 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Service calls handled	2,000	1,300	2,000	1,564	2,000	1,300	2,000
Meter installs/renewals	170	115	200	260	200	120	200
Throughput for system (Dths)	460,000	435,000	460,000	470,386	460,000	482,338	490,000
Avg. # of services billed	4,300	4,099	4,300	4,111	4,300	4,124	4,300
Replace/remove ex-tube installations	>15	10	>15	1	>15	8	>15
"Cut and Cap" service lines (10-year rule)	>30	35	>30	35	>30	40	>30

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lines hit by 3 rd party contractors	<10	8	<10	10	<10	8	<10
PSC audit findings	<5	0	<5	0	<5	1	<5
Safety Frequency Rate	0.0	8.75	0.0	0.0	0.0	0.0	0.0
Safety DART Rate	0	2,783.03	0	0	0	0	0

DEPT. 74 - GAS OPERATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 751,245	\$ 797,684	\$ 839,731	\$ 893,086
1020	Overtime	18,233	18,439	17,000	17,000
	<i>Personnel Services Total</i>	<u>769,478</u>	<u>816,123</u>	<u>856,731</u>	<u>910,086</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	175,971	219,829	150,613	149,800
4060	FICA	48,407	51,407	65,540	69,622
4070	Employees' Insurance	236,257	240,688	246,182	258,500
4090	Vacation Pay Expense	5,008	(4,495)	-	-
4100	Sick Pay Expense	4,286	3,473	-	-
4110	Net OPEB Expense	9,005	633	636	636
4600	Workers' Compensation	45,150	16,831	22,943	12,930
	<i>Employee Benefits Total</i>	<u>524,084</u>	<u>528,366</u>	<u>485,914</u>	<u>491,488</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	9,694	24,922	47,000	51,000
2122	Rentals	1,271	-	2,200	2,000
2132	Maintenance Of Vehicles	7,658	10,883	10,300	9,300
2133	Maintenance Of Equipment	5,640	4,899	7,600	7,600
2139	Maintenance/Service Contracts	37,644	24,212	35,000	35,000
2140	Postage	68	1,409	500	500
2151	Printing	7,555	4,955	1,500	1,500
2164	Profess. Fees - Consulting/Eng.	900	-	1,000	1,000
2166	Professional Fees - Other	1,679	1,602	700	900
2170	Training	10,544	4,964	15,360	15,500
2171	Travel	908	1,058	1,663	1,500
2172	Car Allowance	4,849	5,160	5,160	5,160
2190	Communications	12,369	12,917	13,710	14,300
2200	Utilities	13,116	11,909	12,400	12,400
2230	Employee Relations	400	576	650	650
2260	Memberships - Professional	14,850	12,985	17,500	18,500
	<i>Contractual Services Total</i>	<u>129,145</u>	<u>122,451</u>	<u>172,243</u>	<u>176,810</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,686	2,313	3,988	13,260
3316	Operating Supplies	81,391	105,573	90,000	90,000
3331	Vehicle Supplies	32,105	32,476	25,000	25,000
3340	Small Tools	18,609	15,899	15,750	12,000
	<i>Commodities Total</i>	<u>134,791</u>	<u>156,261</u>	<u>134,738</u>	<u>140,260</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	3,137	11,982	10,000	15,000
4610	Property & Liab./Ins. & Uninsur.	10,902	14,089	15,115	18,846
4666	Inventory Adjustments	-	10,658	-	-
	<i>Fixed & Sundry Total</i>	<u>14,039</u>	<u>36,729</u>	<u>25,115</u>	<u>33,846</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	327,290	377,354	346,522	364,732
	<i>Miscellaneous Total</i>	<u>327,290</u>	<u>377,354</u>	<u>346,522</u>	<u>364,732</u>
	Total	<u>\$ 1,898,827</u>	<u>\$ 2,037,284</u>	<u>\$ 2,021,263</u>	<u>\$ 2,117,222</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



Fort Pierce Utilities Authority

North Gate Station

DEPT. 75 - NATURAL GAS PURCHASES FOR RESALE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
	<u>PURCHASES FOR RESALE</u>				
3360	Purchases For Resale	\$ 1,817,037	\$ 1,788,170	\$ 1,615,036	\$ 1,725,000
	<i>Purchases For Resale Total</i>	<u>1,817,037</u>	<u>1,788,170</u>	<u>1,615,036</u>	<u>1,725,000</u>
	Total	<u>\$ 1,817,037</u>	<u>\$ 1,788,170</u>	<u>\$ 1,615,036</u>	<u>\$ 1,725,000</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 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Samples collected	3,100	2,312	2,500	2,387	2,500	2,400	2,400
Permitted industrial users	10	9	10	9	10	9	10
% of grease traps inspected bi-annually	100%	100%	100%	100%	100%	90%	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 2018		FY 2019		FY 2020		FY 2021
	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	4.62	10	4.28	10	4.27	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 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 715,837	\$ 750,269	\$ 782,954	\$ 801,729
1020	Overtime	21,224	19,535	35,000	35,000
	<i>Personnel Services Total</i>	<u>737,061</u>	<u>769,804</u>	<u>817,954</u>	<u>836,729</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	214,038	257,800	134,020	130,250
4060	FICA	63,323	63,773	62,573	61,010
4070	Employees' Insurance	215,586	223,993	229,264	240,800
4090	Vacation Pay Expense	(4,275)	(5,112)	-	-
4100	Sick Pay Expense	(93)	9,884	-	-
4110	Net OPEB Expense	9,606	676	678	678
4600	Workers' Compensation	12,442	16,723	26,729	13,991
	<i>Employee Benefits Total</i>	<u>510,627</u>	<u>567,737</u>	<u>453,264</u>	<u>446,729</u>
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	-	-	50	50
2122	Rentals	9,349	10,220	12,000	12,000
2132	Maintenance Of Vehicles	6,141	8,828	6,100	6,100
2133	Maintenance Of Equipment	23,163	15,051	40,000	20,000
2139	Maintenance/Service Contracts	456,943	472,265	605,000	605,000
2140	Postage	-	66	100	100
2151	Printing	20	130	100	100
2165	Temporary Labor	-	-	50	50
2166	Professional Fees - Other	32,438	(71)	1,000	1,000
2170	Training	4,127	2,343	4,750	4,750
2171	Travel	1,166	406	-	-
2172	Car Allowance	6,164	5,880	5,788	5,880
2190	Communications	8,508	9,356	9,681	10,100
2200	Utilities	512,737	448,896	432,800	432,800
2230	Employee Relations	1,031	540	800	800
2240	Business Relations	516	512	572	572
2260	Memberships - Professional	1,000	220	300	300
	<i>Contractual Services Total</i>	<u>1,063,303</u>	<u>974,642</u>	<u>1,119,091</u>	<u>1,099,602</u>
<u>COMMODITIES</u>					
3311	Office Supplies	2,722	4,349	4,590	4,590
3316	Operating Supplies	78,684	59,860	62,000	70,000
3320	Chemicals	96,887	101,575	97,000	97,000
3331	Vehicle Supplies	11,522	11,901	12,000	12,000
3340	Small Tools	74	3,042	1,250	3,250
	<i>Commodities Total</i>	<u>189,889</u>	<u>180,727</u>	<u>176,840</u>	<u>186,840</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	580	1,974	11,000	200
4610	Property & Liab./Ins. & Uninsur.	35,814	40,813	44,875	52,969
	<i>Fixed & Sundry Total</i>	<u>36,394</u>	<u>42,787</u>	<u>55,875</u>	<u>53,169</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	1,164,176	1,280,445	1,202,575	1,255,478
	<i>Miscellaneous Total</i>	<u>1,164,176</u>	<u>1,280,445</u>	<u>1,202,575</u>	<u>1,255,478</u>
Total		<u>\$ 3,701,450</u>	<u>\$ 3,816,142</u>	<u>\$ 3,825,599</u>	<u>\$ 3,878,547</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 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Lift stations	118	118	119	118	120	118	120
Lift station preventative maintenance performed	350	336	350	317	350	297	350
Avg. preventative maintenance performed annually on each lift station	3.0	2.5	3.0	2.4	3.0	2.1	3.0
Lift station rehabilitations (in-house)	6	6	6	6	6	3	2
Manholes serviced	60	47	60	35	50	30	45
% of manholes inspected annually	50%	35%	50%	25%	50%	40%	40%
Miles of force main lines	100	97	100	99	100	101	101

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Cost for 1,000 gallons billed	\$2.35	\$2.47	\$2.48	\$2.30	\$2.41	\$2.40	\$2.50
Safety Frequency Rate	0.0	0.0	0.0	5.35	0.0	0.0	0.0
Safety DART Rate	0	0	0	0	0	0	0

DEPT. 84 - WASTEWATER COLLECTION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 937,441	\$ 949,158	\$ 982,685	\$ 1,019,937
1020	Overtime	63,748	67,867	68,000	68,000
	<i>Personnel Services Total</i>	<u>1,001,189</u>	<u>1,017,025</u>	<u>1,050,685</u>	<u>1,087,937</u>
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	219,647	284,193	184,710	179,074
4060	FICA	61,277	65,900	80,377	83,227
4070	Employees' Insurance	249,424	242,693	266,096	279,500
4090	Vacation Pay Expense	1,161	1,699	-	-
4100	Sick Pay Expense	(2,076)	9,960	-	-
4110	Net OPEB Expense	11,409	845	848	848
4600	Workers' Compensation	14,602	21,906	22,881	17,708
	<i>Employee Benefits Total</i>	<u>555,444</u>	<u>627,196</u>	<u>554,912</u>	<u>560,357</u>
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	25,798	24,817	24,146	24,146
2132	Maintenance Of Vehicles	34,931	48,881	40,000	40,000
2133	Maintenance Of Equipment	51,103	21,195	35,233	35,233
2139	Maintenance/Service Contracts	357,071	236,805	400,000	400,000
2151	Printing	92	77	100	100
2166	Professional Fees - Other	1,289	1,269	1,873	1,873
2170	Training	5,383	6,611	7,500	7,500
2172	Car Allowance	4,679	5,880	5,880	5,880
2190	Communications	9,020	9,995	10,562	11,000
2200	Utilities	247,356	217,766	216,600	216,600
2230	Employee Relations	684	817	800	800
	<i>Contractual Services Total</i>	<u>737,406</u>	<u>574,113</u>	<u>742,694</u>	<u>743,132</u>
<u>COMMODITIES</u>					
3311	Office Supplies	3,879	2,630	2,860	2,800
3316	Operating Supplies	143,867	152,878	150,000	150,000
3320	Chemicals	21,910	14,791	15,000	28,000
3331	Vehicle Supplies	68,549	84,330	75,000	75,000
3340	Small Tools	4,439	6,285	6,000	6,000
	<i>Commodities Total</i>	<u>242,644</u>	<u>260,914</u>	<u>248,860</u>	<u>261,800</u>
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	7,061	6,995	7,000	8,000
4610	Property & Liab./Ins. & Uninsur.	35,664	34,003	35,678	45,552
4666	Inventory Adjustments	-	2,388	-	-
	<i>Fixed & Sundry Total</i>	<u>42,725</u>	<u>43,386</u>	<u>42,678</u>	<u>53,552</u>
<u>MISCELLANEOUS</u>					
9030	Depreciation Expense	2,370,302	2,280,407	2,372,341	2,462,466
	<i>Miscellaneous Total</i>	<u>2,370,302</u>	<u>2,280,407</u>	<u>2,372,341</u>	<u>2,462,466</u>
	Total	<u>\$ 4,949,710</u>	<u>\$ 4,803,041</u>	<u>\$ 5,012,170</u>	<u>\$ 5,169,244</u>

FPUAnet® COMMUNICATIONS

DEPARTMENTAL GOALS AND OBJECTIVES

- Continue to provide highly reliable and high speed communications to our community
- Transform FPUAnet into a standalone Utility business unit
- Take initial steps toward transforming the City of Fort Pierce into a Smart City
- Install OLT in Admin to launch GPON & Public Wifi access in targeted areas
- Complete the installation of Network Core Switches and eliminate single point of failures
- Complete design and start construction for Lincoln Park Project
- Upgrade Circuits from 1Gbps to 10Gbps

DEPARTMENTAL ACCOMPLISHMENTS

- Developed 5 Organizational Pillars
- Network Upgrade from 500Mbps to 1Gbps
- Upgrade of DNS Server NS1 & NS2
- Stream lined processes for Form 477 and other regulatory reports
- Signed CCNA Professional Engineering Contract with Fujitsu

PERFORMANCE MEASURES

Workload Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Avg. # of services billed	100	70	100	70	115	67	200
Net new services provisioned	26	6	15	(10)	15	5	183
Change in customer services	35%	8%	20%	(13.8%)	15%	7.5%	299%
New product types launched	3	0	1	0	2	1	2

Effectiveness Measurement:	FY 2018		FY 2019		FY 2020		FY 2021
	Goal	Actual	Goal	Actual	Goal	Projected	Goal
Service Reliability	99.99%	99.98%	99.99%	99.99%	99.99%	99.99%	99.99%
Change in operating revenue	21%	1.1%	5.6%	(13.4%)	.02%	(17%)	18%

DEPT. 93 - FPUAnet® COMMUNICATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>PERSONNEL SERVICES</u>					
1010	Salaries & Wages	\$ 105,687	\$ 141,148	\$ 165,983	\$ 280,506
	<i>Personnel Services Total</i>	105,687	141,148	165,983	280,506
<u>EMPLOYEE BENEFITS</u>					
4050	Retirement	24,894	39,883	29,180	46,171
4060	FICA	6,982	9,144	12,698	21,459
4070	Employees' Insurance	38,324	39,768	42,574	44,800
4090	Vacation Pay Expense	(5,685)	(567)	-	-
4100	Sick Pay Expense	(1,984)	-	-	-
4110	Net OPEB Expense	1,202	169	170	170
4600	Workers' Compensation	1,628	226	321	204
	<i>Employee Benefits Total</i>	65,361	88,623	84,943	112,804
<u>CONTRACTUAL SERVICES</u>					
2110	Advertising	1,034	1,033	750	3,000
2132	Maintenance Of Vehicles	-	25	500	500
2139	Maintenance/Service Contracts	8,286	8,358	20,000	25,000
2140	Postage	-	-	-	500
2151	Printing	20	60	500	1,000
2164	Profess. Fees - Consulting/Eng.	-	41,470	20,000	20,000
2166	Professional Fees - Other	99	279	5,000	5,000
2170	Training	2,679	2,498	15,000	15,000
2171	Travel	9	528	900	1,500
2172	Car Allowance	1,650	2,584	3,300	3,300
2190	Communications	1,860	2,033	2,611	2,800
2200	Utilities	48	48	100	100
2230	Employee Relations	187	-	300	300
2240	Business Relations	82	100	400	800
2260	Memberships - Professional	-	5,000	6,500	6,500
	<i>Contractual Services Total</i>	15,954	64,016	75,861	85,300
<u>COMMODITIES</u>					
3311	Office Supplies	1,307	466	3,007	2,000
3313	Subscriptions	60	8	50	100
3316	Operating Supplies	5,222	2,475	7,000	8,000
3331	Vehicle Supplies	-	540	1,500	2,000
3360	Purchases For Resale	69,208	77,566	-	-
	<i>Commodities Total</i>	75,797	81,055	11,557	12,100
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	605	600	900	900
4610	Property & Liab./Ins. & Uninsur.	1,488	1,967	2,088	4,008
4666	Inventory Adjustments	-	15,052	-	-
4700	Utility Bad Debt Expense	157	-	-	-
	<i>Fixed & Sundry Total</i>	2,250	17,619	2,988	4,908
<u>MISCELLANEOUS</u>					
9000	Distribution To City Of Fort Pierce	27,892	-	-	-
9030	Depreciation Expense	65,166	61,255	69,715	67,465
	<i>Miscellaneous Total</i>	93,058	61,255	69,715	67,465
	Total	\$ 358,107	\$ 453,716	\$ 411,047	\$ 563,083

DEPT. 95 - FPUAnet® COMMUNICATIONS PURCHASES FOR RESALE

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<i><u>PURCHASES FOR RESALE</u></i>					
3360	Purchases For Resale	\$ -	\$ -	\$ 90,000	\$ 160,000
	<i>Purchases For Resale Total</i>	-	-	90,000	160,000
	Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 90,000</u>	<u>\$ 160,000</u>



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

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
	<u>MISCELLANEOUS</u>				
5710	Storm Expenses	\$ -	\$ -	\$ -	\$ -
9000	Distribution To City Of Fort Pierce	-	380	3,713	300
	<i>Miscellaneous Total</i>	-	380	3,713	300
	Total	<u>\$ -</u>	<u>\$ 380</u>	<u>\$ 3,713</u>	<u>\$ 300</u>

DEPT. 49 - ADMINISTRATIVE & GENERAL-ADMINISTRATION

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
	<u>CONTRACTUAL SERVICES</u>				
2122	Rentals	\$ -	\$ 111	\$ 250	\$ 250
2131	Maintenance of Structures	2,637	5,211	6,000	6,000
2133	Maintenance of Equipment	14	-	-	-
2139	Maintenance/Service Contracts	15,537	8,999	20,000	20,000
2190	Communications	13,643	13,727	14,290	14,900
	<i>Contractual Services Total</i>	<u>31,831</u>	<u>28,048</u>	<u>40,540</u>	<u>41,150</u>
	<u>COMMODITIES</u>				
3316	Operating Supplies	3,684	3,539	12,375	4,000
	<i>Commodities Total</i>	<u>3,684</u>	<u>3,539</u>	<u>12,375</u>	<u>4,000</u>
	<u>FIXED & SUNDRY</u>				
4509	Other Taxes	12,489	10,851	11,077	11,465
4520	Licenses & Permits	75	75	85	85
4700	Utility Bad Debt Expense	6,952	1,790	10,864	8,700
	<i>Fixed & Sundry Total</i>	<u>19,516</u>	<u>12,716</u>	<u>22,026</u>	<u>20,250</u>
	<u>MISCELLANEOUS</u>				
9010	Contingency	-	-	780,000	1,000,000
	<i>Miscellaneous Total</i>	-	-	780,000	1,000,000
	Total	<u>\$ 55,031</u>	<u>\$ 44,303</u>	<u>\$ 854,941</u>	<u>\$ 1,065,400</u>

DEPT. 59 - ADMINISTRATIVE & GENERAL - ELECTRIC

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ -	\$ 406	\$ 500	\$ 500
2131	Maintenance of Structures	8,592	11,867	16,600	15,000
2133	Maintenance of Equipment	52	-	150	150
2139	Maintenance/Service Contracts	155,110	204,696	140,000	130,000
2190	Communications	9,675	10,444	10,728	11,200
	<i>Contractual Services Total</i>	<u>173,429</u>	<u>227,413</u>	<u>167,978</u>	<u>156,850</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	8,917	10,475	41,539	15,000
	<i>Commodities Total</i>	<u>8,917</u>	<u>10,475</u>	<u>41,539</u>	<u>15,000</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	6,585	6,593	7,253	7,507
4510	Gross Receipts Tax	1,611,855	1,589,989	1,614,200	1,614,200
4520	Licenses & Permits	10,016	10,487	10,500	10,500
4531	Contributions - Civic	223,944	221,608	308,985	-
4700	Utility Bad Debt Expense	112,847	28,984	176,498	141,200
	<i>Fixed & Sundry Total</i>	<u>1,965,247</u>	<u>1,857,661</u>	<u>2,117,436</u>	<u>1,773,407</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	1,321,222	1,228,013	1,128,657	1,023,657
5723	Interest - Deposits	16,142	27,636	35,649	35,662
5725	Capitalized Interest	(5,380)	-	-	-
5729	Interest - Other	23	-	-	-
5731	Amortization-Bond Discount	11,381	11,076	10,766	10,449
	<i>Interest Expenses Total</i>	<u>1,343,388</u>	<u>1,266,725</u>	<u>1,175,072</u>	<u>1,069,768</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	(45,924)	200,671	-	-
9000	Distribution To City Of Fort Pierce	4,033,930	4,017,868	4,070,526	4,125,228
9030	Depreciation Expense	100,525	85,910	95,345	98,035
	<i>Miscellaneous Total</i>	<u>4,088,531</u>	<u>4,304,449</u>	<u>4,165,871</u>	<u>4,223,263</u>
Total		<u>\$ 7,579,512</u>	<u>\$ 7,666,723</u>	<u>\$ 7,667,896</u>	<u>\$ 7,238,288</u>

DEPT. 69 - ADMINISTRATIVE & GENERAL - WATER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ 972	\$ 89	\$ 200	\$ -
2131	Maintenance of Structures	14,941	10,776	15,500	15,500
2133	Maintenance of Equipment	11	-	-	-
2139	Maintenance/Service Contracts	122,725	118,450	109,000	110,000
2164	Profess. Fees - Consulting/Eng.	2,609	26,729	-	-
2190	Communications	10,169	10,957	11,239	11,700
	<i>Contractual Services Total</i>	<u>151,427</u>	<u>167,001</u>	<u>135,939</u>	<u>137,200</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	3,097	13,871	30,696	4,000
	<i>Commodities Total</i>	<u>3,097</u>	<u>13,871</u>	<u>30,696</u>	<u>4,000</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	10,290	10,295	12,523	13,010
4520	License & Permits	-	75	-	-
4700	Utility Bad Debt Expense	20,226	5,189	31,646	25,400
	<i>Fixed & Sundry Total</i>	<u>30,516</u>	<u>15,559</u>	<u>44,169</u>	<u>38,410</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	1,283,079	1,192,561	1,096,073	994,104
5723	Interest - Deposits	2,886	6,599	9,178	9,165
5725	Capitalized Interest	(78,276)	-	-	-
5729	Interest - Other	336	583	600	600
5731	Amortization-Bond Discount	7,342	7,145	6,945	6,740
	<i>Interest Expenses Total</i>	<u>1,215,367</u>	<u>1,206,888</u>	<u>1,112,796</u>	<u>1,010,609</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	1,156	36,379	-	-
9000	Distribution To City Of Fort Pierce	1,011,215	984,280	1,062,961	1,141,158
9030	Depreciation Expense	27,511	24,030	29,732	30,570
	<i>Miscellaneous Total</i>	<u>1,039,882</u>	<u>1,044,689</u>	<u>1,092,693</u>	<u>1,171,728</u>
	Total	<u>\$ 2,440,289</u>	<u>\$ 2,448,008</u>	<u>\$ 2,416,293</u>	<u>\$ 2,361,947</u>

DEPT. 79 - ADMINISTRATIVE & GENERAL - GAS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ -	\$ 74	\$ 100	\$ -
2131	Maintenance of Structures	1,295	1,672	2,500	2,500
2133	Maintenance of Equipment	9	-	-	-
2139	Maintenance/Service Contracts	17,783	19,556	30,000	18,000
2190	Communications	2,584	2,558	2,655	2,800
	<i>Contractual Services Total</i>	<u>21,671</u>	<u>23,860</u>	<u>35,255</u>	<u>23,300</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	5,708	1,904	7,916	3,000
	<i>Commodities Total</i>	<u>5,708</u>	<u>1,904</u>	<u>7,916</u>	<u>3,000</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	722	722	800	828
4510	Gross Receipts Tax	75,705	91,205	78,500	78,500
4520	Licenses & Permits	9,115	9,259	10,000	10,000
4700	Utility Bad Debt Expense	1,461	364	2,306	1,900
	<i>Fixed & Sundry Total</i>	<u>87,003</u>	<u>101,550</u>	<u>91,606</u>	<u>91,228</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	80,132	74,480	68,453	62,085
5723	Interest - Deposits	1,167	2,062	2,349	2,366
5725	Capitalized Interest	(8,343)	-	-	-
5731	Amortization-Bond Discount	915	890	865	840
	<i>Interest Expenses Total</i>	<u>73,871</u>	<u>77,432</u>	<u>71,667</u>	<u>65,291</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	33	110	-	-
9000	Distribution To City Of Fort Pierce	248,338	254,731	276,597	281,298
9030	Depreciation Expense	17,848	15,150	17,429	17,921
	<i>Miscellaneous Total</i>	<u>266,219</u>	<u>269,991</u>	<u>294,026</u>	<u>299,219</u>
	Total	<u>\$ 454,472</u>	<u>\$ 474,737</u>	<u>\$ 500,470</u>	<u>\$ 482,038</u>

DEPT. 89 - ADMINISTRATIVE & GENERAL - WASTEWATER

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>CONTRACTUAL SERVICES</u>					
2122	Rentals	\$ -	\$ 106	\$ 500	\$ 400
2131	Maintenance of Structures	5,811	7,106	7,500	7,500
2133	Maintenance of Equipment	7	-	-	-
2139	Maintenance/Service Contracts	60,253	67,735	75,000	70,000
2164	Profess. Fees - Consulting/Eng.	2,609	-	60,000	-
2190	Communications	6,896	6,311	6,528	6,800
	<i>Contractual Services Total</i>	<u>75,576</u>	<u>81,258</u>	<u>149,528</u>	<u>84,700</u>
<u>COMMODITIES</u>					
3316	Operating Supplies	3,749	1,999	31,355	4,000
	<i>Commodities Total</i>	<u>3,749</u>	<u>1,999</u>	<u>31,355</u>	<u>4,000</u>
<u>FIXED & SUNDRY</u>					
4509	Other Taxes	8,018	8,018	6,947	7,190
4700	Utility Bad Debt Expense	18,156	4,657	28,405	22,800
	<i>Fixed & Sundry Total</i>	<u>26,174</u>	<u>12,675</u>	<u>35,352</u>	<u>29,990</u>
<u>INTEREST EXPENSES</u>					
5721	Interest - Bonds	520,860	484,115	444,946	403,552
5723	Interest - Deposits	2,888	4,950	7,066	7,107
5725	Capitalized Interest	(82,684)	-	-	-
5731	Amortization-Bond Discount	3,699	3,600	3,499	3,396
	<i>Interest Expenses Total</i>	<u>444,763</u>	<u>492,665</u>	<u>455,511</u>	<u>414,055</u>
<u>MISCELLANEOUS</u>					
5710	Storm Expenses	63,663	27,089	-	-
9000	Distribution To City Of Fort Pierce	817,063	839,996	834,578	822,486
9030	Depreciation Expense	19,343	17,068	20,505	21,083
	<i>Miscellaneous Total</i>	<u>900,069</u>	<u>884,153</u>	<u>855,083</u>	<u>843,569</u>
	Total	<u>\$ 1,450,331</u>	<u>\$ 1,472,750</u>	<u>\$ 1,526,829</u>	<u>\$ 1,376,314</u>

DEPT. 99 - ADMINISTRATIVE & GENERAL - FPUAnet COMMUNICATIONS

OBJECT CODE	DESCRIPTION	ACTUAL FY 2018	ACTUAL FY 2019	AMENDED BUDGET FY 2020	ORIGINAL BUDGET FY 2021
<u>FIXED & SUNDRY</u>					
4520	Licenses & Permits	\$ -	\$ -	\$ 600	\$ -
4700	Utility Bad Debt Expense	-	50	282	225
	<i>Fixed & Sundry Total</i>	<u>-</u>	<u>50</u>	<u>882</u>	<u>225</u>
<u>MISCELLANEOUS</u>					
9000	Distribution To City Of Fort Pierce	-	28,199	27,892	23,374
9030	Depreciation Expense	-	-	1,026	1,055
	<i>Miscellaneous Total</i>	<u>-</u>	<u>28,199</u>	<u>28,918</u>	<u>24,429</u>
	Total	<u>\$ -</u>	<u>\$ 28,249</u>	<u>\$ 29,800</u>	<u>\$ 24,654</u>



CAPITAL IMPROVEMENT PLAN FY 2021 – FY 2025 CAPITAL BUDGET FY 2021

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 2021 – FY 2025 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 2021. 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 2020 and can be spent in FY 2021. 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 2021 – 2025 began in March 2020. 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 April 30 – May 1 to evaluate and discuss each capital project presented. On May 15, 2020, 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 2021 – 2025. FPUA’s CIP through FY 2025 and FY 2021 Capital Budget was approved by the Board on June 16, 2020.

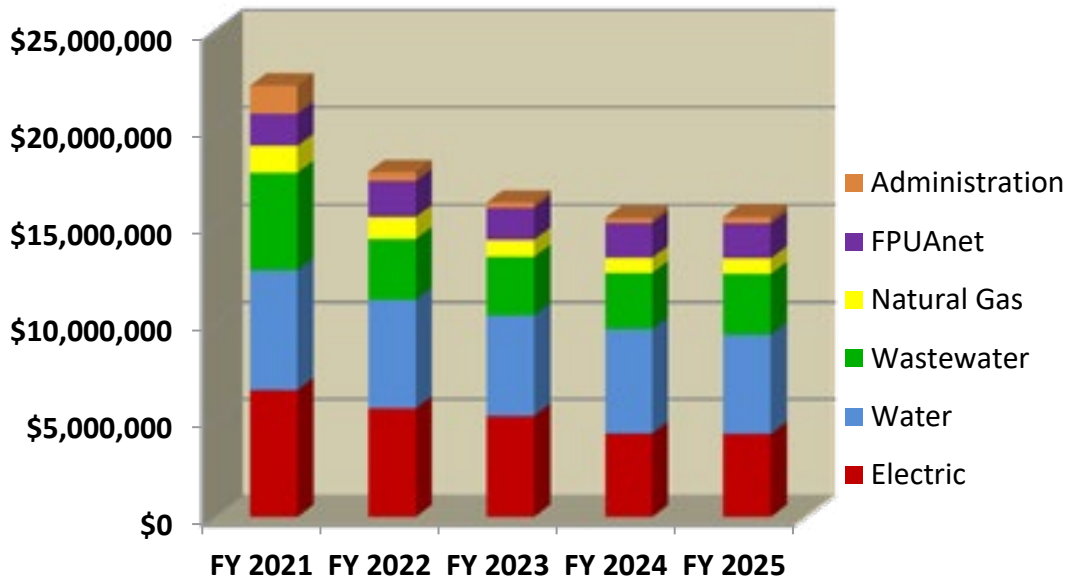


Alignment to Strategic Plan

FPUA’s CIP has been prepared with strategic planning priorities in mind. The proposed CIP mainly targets the strategic goals of Improving Reliability and Building the Utility/Building the City. Capital projects, such as the Water Mains Renewal & Replacement, Wastewater Main Lining and the Electric Substation Transformer Replacement, address Reliability and account for 56% 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 39% 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 \$115,059,091 through fiscal year 2025, which includes previously approved funding of \$27,944,446, and funding of projects for five fiscal years, FY 2021 through FY 2025, in the amount of \$87,114,645. The FY 2021 Capital Budget in the amount of \$22,214,214 includes contingency funding in the amount of \$500,000. The graph and table below show the FY 2021 – FY 2025 CIP by system.



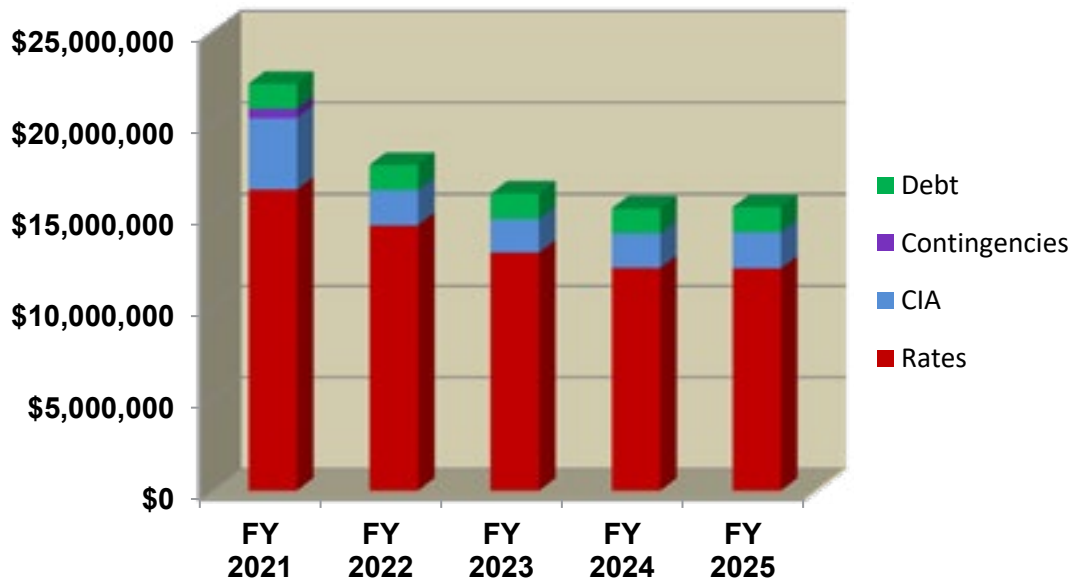
System	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Electric	\$ 6,565,773	\$ 5,621,613	\$ 5,235,169	\$ 4,324,802	\$ 4,298,517
Water	6,157,642	5,606,005	5,179,000	5,387,549	5,136,266
Wastewater	5,020,299	3,115,239	3,017,198	2,899,228	3,121,345
Natural Gas	1,368,500	1,121,000	859,500	774,000	802,000
FPUAnet	1,670,000	1,845,000	1,660,000	1,775,000	1,790,000
Administration	1,432,000	475,000	272,000	250,000	335,000
Grand Total	\$22,214,214	\$17,783,857	\$16,222,867	\$15,410,579	\$15,483,128

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 78% of the FY 2021 – FY 2025 CIP. Contributions from outside sources (CIA and CIC) are expected to fund 13% of the FY 2021 - FY 2025 CIP, and FPUA will issue future debt to fund 8%, leaving 1% to be funded by contingency. The graph and table below show the projected funding sources by dollar amount for the FY 2021 – FY 2025 CIP of \$87,114,645.



Funding Source	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Rates	\$ 16,428,873	\$ 14,497,405	\$ 13,002,182	\$ 12,165,065	\$ 12,126,560
CIA	2,017,461	1,470,000	1,398,000	1,416,000	1,520,000
CIC	1,892,880	441,452	447,685	454,514	461,568
Contingencies	500,000	-	-	-	-
Debt	1,375,000	1,375,000	1,375,000	1,375,000	1,375,000
Grand Total	\$ 22,214,214	\$ 17,783,857	\$ 16,222,867	\$ 15,410,579	\$ 15,483,128

FY 2021 Capital Budget Highlights

FPUA classifies capital projects into two categories, blanket or standard. Blanket projects include proposed additions and retirements to the utility systems and are routine in nature, such as water main replacements, utility pole replacements and gas line replacements. Emergency replacements also fall into this category. Standard projects are non-recurring, non-routine in nature, 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 2021 – FY 2025 Capital Improvement Plan:

Project Name	System(s)	FY 2021 Capital Budget	Project Total	Ranking by Project Total
Advanced Metering Infrastructure	E,G,W	\$ 1,536,000	\$ 8,271,650	1
System Expansion Projects	G,W,WW, FPUAnet	1,425,000	7,222,000	2
Wastewater Main Lining	WW	375,000	4,058,708	3
Water Mains Misc R&R	W	750,000	3,911,479	4
Governmental & Other Required	E,G,W,WW	615,000	3,576,187	5
Substation Transformer Replacement	E	600,000	3,568,846	6
Main/Serv/Valve Replacement	W	500,000	3,274,501	7
Storm Hardening	E	500,000	3,216,158	8
New Construction - Commerical	E	500,000	3,084,113	9
Transmission & Distribution Improv	E	480,000	3,065,608	10
Digiorgio Road Sanitary	WW	691,961	2,783,460	11*
City Roadway Projects	W,WW	600,000	2,750,196	12*
St Lucie County Roadway	W,WW	675,000	1,625,000	22*
MWRF DIW-1 Monitoring Well	WW	750,000	750,000	40*
Lawnwood Well Field Generator	W	575,000	675,000	43*

*Projects not in the top 10 by 5-year project total but are in the FY 2021 budget year.

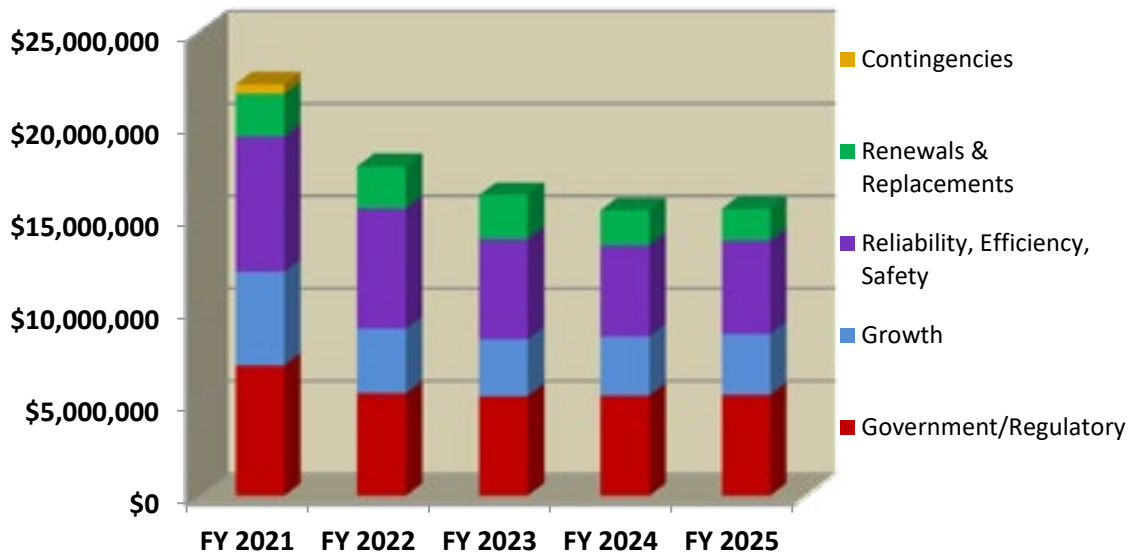
- FPUA will be transitioning from an Automated Meter Reading (AMR) system to Advanced Metering Infrastructure (AMI). AMI provides an essential 2-way communication link between the electric grid, consumers and their loads, generation and storage resources. Implementing AMI is a goal for the key result 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 connected and 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.
 - Assist in identifying customer related problems such as leaking toilet and faucets.

- 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.
- FPUA is in the second year of substation transformer purchases, six annually. The units replaced have been in service between 32-39 years and are beyond their useful life. Replacing these units will significantly improve the Reliability for FPUA's electric customers.
- 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 N. 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 \$50,000, 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 and replacements. The graph and table below display the projected amounts by requirement for the FY 2021 – FY 2025 CIP.



Required by	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Government/Regulatory	\$ 7,026,831	\$ 5,515,155	\$ 5,372,519	\$ 5,407,341	\$ 5,429,731
Growth	5,051,610	3,473,589	3,045,679	3,167,936	3,290,380
Reliability, Efficiency, Safety	7,328,273	6,539,113	5,435,669	4,949,302	5,051,017
Renewals & Replacements	2,307,500	2,256,000	2,369,000	1,886,000	1,712,000
Contingencies	500,000				
Grand Total	\$ 22,214,214	\$ 17,783,857	\$ 16,222,867	\$ 15,410,579	\$ 15,483,128

Projects mandated by federal, state, and local government and regulatory agencies represent 33% of the FY 2021 – FY 2025 CIP. The projected costs in the five-year CIP are as follows:

Florida Department of Environmental Protection	\$ 9,035,000
City of Fort Pierce	6,139,000
Florida Public Service Commission	4,441,500
St Lucie County	3,295,000
National Electric Safety Code	2,400,000
Department of Homeland Security and/or North American Electric Reliability Corporation	2,310,000
Florida Department of Transportation	552,000
SLC Fire District	444,077
SFWMD	135,000
Total Government and Regulatory-Required Projects	\$ 28,751,577

Impact on Operating Budget

Capital projects may or may not have an ongoing financial impact on FPUA’s operating budget. For the FY 2021 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 2021 is expected to reduce vehicle maintenance costs by \$50,000. 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 2021	Annual Impact on O&M
Advanced Metering Infrastructure	E,G,W	\$ 1,536,000	No impact on O&M Budget
System Expansion Projects	G,W,WW, FPUAnet	1,425,000	Increase Revenue > \$25,000
Water Mains Misc R&R	W	750,000	Cost Savings > \$25,000
MWRF DIW-1 Monitoring Well	WW	750,000	Increase Expenses < \$25,000
Digiorgio Road Sanitary	WW	691,961	Increase Revenue > \$25,000
St Lucie County Roadway	W,WW	675,000	Cost Savings > \$25,000
Governmental & Other Required	G,WW	255,000	No impact on O&M Budget
Governmental & Other Required	E	250,000	Cost Savings < \$25,000
Governmental & Other Required	W	110,000	Cost Savings > \$25,000
Substation Transformer Replacement	E	600,000	Cost Savings < \$25,000
City Roadway Projects	W,WW	600,000	Cost Savings > \$25,000
Lawnwood Well Field Generator	W	575,000	Increase Expenses < \$25,000

It is estimated that 22% of the FY 2021 Capital Projects are estimated to result in O&M cost savings of greater than \$25,000, 28% will have no impact on the O&M budget, and 17% 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 2021 Capital Budget, excluding Fixed Assets.

Impact to Operating Budget	% of FY 2021 Capital Budget
Cost Savings < \$25,000 annually	14%
Cost Savings > \$25,000 annually	22%
Decrease Revenue < \$25,000 annually	2%
Increase Expenses < \$25,000 annually	11%
Increase Revenue < \$25,000 annually	6%
Increase Revenue > \$25,000 annually	17%
No impact on O&M Budget	28%
	100%

Vehicle Replacement Program

Centralized Fleet Services (CFS) provides vehicle services and oversight of FPUA’s fleet. The CFS Fleet Management Administrator meets with FPUA’s various departments to determine vehicle replacement needs based on age, mileage, maintenance cost and use. Specialized vehicles such as material handlers, backhoes/loaders and Vac Cons will be purchased by the requesting departments. The table below shows the proposed vehicle purchases included in the FY 2021 Capital Budget.

Description	Qty	FY 2021
1/2 ton pickup – Bi Fuel	1	\$44,000
Administration Total		44,000
55 Foot Material Handler	1	310,000
3/4 ton Crew Cab Diesel Pickup	2	122,000
Full Size Van	1	49,273
Small Pickup Truck	1	29,632
Electric Total		510,905
Vans, Pickups, SUV’s	1	71,000
Gas Total		71,000
Service Truck & Equip	1	100,000
Wastewater Total		<u>100,000</u>
Vehicles – FY 2021 Capital Budget		<u>\$725,905</u>

Summary

The projects presented in the FY 2021 – FY 2025 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 [153 through 158](#). The 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 expense in FPUA’s CIP, found under Financial Reports on www.fpu.com.

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	<u>Inception</u>	<u>Spent</u>	<u>Remaining</u>	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-25	PROJECT TOTAL
						through 9/30/2019	through 5/19/2020	FY 2020 Budget							
22 Materials Management															
22	FA-1	1/2 ton pickup - Bi Fuel	FA	Rates	Vehicles	-	-	-	44,000	-	-	-	-	44,000	44,000
22	FA-2	4 Post Vehicle Lift and Footer	FA	Rates	439421002	-	-	-	25,000	-	-	-	-	25,000	25,000
22	FA-3	Hyster Model S60ft. Forklift	FA	Rates		-	-	-	-	35,000	-	-	-	35,000	35,000
22	FA-4	Crown Stand up Fork Lift	FA	Rates		-	-	-	-	-	42,000	-	-	42,000	42,000
TOTAL						-	-	-	69,000	35,000	42,000	-	-	146,000	146,000
32 Information Technology Services															
32	FA-1	Dept. Hardware & Software	FA	Rates	439921001	-	277,388	117,480	54,000	100,000	100,000	100,000	175,000	529,000	923,868
32	FA-2	Servers	FA	Rates	439921002	-	-	57,200	30,000	50,000	-	50,000	30,000	160,000	217,200
32	FA-3	Great Plains/Cogsdale	FA	Rates	439921003	-	-	117,000	30,000	-	15,000	-	15,000	60,000	177,000
32	FA-4	Communication	FA	Rates	439721004	-	-	116,800	75,000	35,000	50,000	35,000	50,000	245,000	361,800
32	FA-5	Telephony	FA	Rates		-	-	-	-	65,000	-	-	-	65,000	65,000
32		Forms Package	FA	Rates	439920009	-	-	45,500	-	-	-	-	-	-	45,500
32	1	Security System	BLKT	Rates	402	53,500	-	137,300	-	100,000	-	-	-	100,000	290,800
32	2	Key Card System	STD	Rates	430	-	-	-	10,000	-	-	-	-	10,000	10,000
32	3	911 Regulatory Project	STD	Rates	435	-	-	-	75,000	-	-	-	-	75,000	75,000
TOTAL						53,500	277,388	591,280	274,000	350,000	165,000	185,000	270,000	1,244,000	2,166,168
35 Facilities															
35		ESC Building Management System	FA	Rates	439020007	-	-	75,000	-	-	-	-	-	-	75,000
35		Electrical Panel Replacement	FA	Rates	439020009	-	-	40,000	-	-	-	-	-	-	40,000
35		Admin-Annex Exterior Remodel	STD	Rates	455	25,000	2,000	240,300	-	-	-	-	-	-	267,300
35		ESC Storm Hardening	STD	Rates	457	-	19,514	376,486	-	-	-	-	-	-	396,000
35	FA-1	HVAC System Replacement	FA	Rates	439021001	-	-	-	25,000	25,000	25,000	25,000	25,000	125,000	125,000
35	FA-2	HVAC Replacement - Trailer WTP	FA	Rates	639021002	-	-	-	25,000	25,000	-	-	-	50,000	50,000
35	FA-3	Ice Machine Replacement Misc	FA	Rates	439021003	-	-	-	10,000	10,000	10,000	10,000	10,000	50,000	50,000
35	FA-4	HVAC System - Admin Building	FA	Rates	439021004	-	-	-	38,000	30,000	30,000	30,000	30,000	158,000	158,000
35	FA-5	Mobile generator 150kva	FA	Rates	439821005	-	-	-	60,000	-	-	-	-	60,000	60,000
35	FA-6	HVAC System Replacement MOEC	FA	Rates	339021006	-	-	-	25,000	-	-	-	-	25,000	25,000
35	1	Mezzanine Buildout	STD	Rates	445	15,225	-	-	330,000	-	-	-	-	330,000	345,225
35	2	Security System Upgrades-WRF	STD	Rates	465	-	-	-	11,000	-	-	-	-	11,000	11,000
35	3	Roof Replacement-MOEC	STD	Rates	325	-	-	-	65,000	-	-	-	-	65,000	65,000
TOTAL						40,225	21,514	731,786	589,000	90,000	65,000	65,000	65,000	874,000	1,667,525
54 Electric Transmission & Distribution															
54	FA-1	55 Foot material Handlers	FA	Rates	Vehicles	-	-	-	310,000	-	-	-	-	310,000	310,000
54	FA-2	3 3/4 ton Crew Cab Diesel Pickup	FA	Rates	Vehicles	-	-	-	122,000	55,000	-	-	-	177,000	177,000
54	FA-3	(3) 48 Foot material Handlers	FA	Rates	Vehicles	-	-	350,000	-	180,000	-	-	-	180,000	530,000
54	FA-4	110 ft. Material Handler	FA	Rates	Vehicles	-	-	-	-	-	430,000	-	-	430,000	430,000
54		1 Ton 4x4 Diesel Dump Truck	FA	Rates	Vehicles	-	-	55,000	-	-	-	-	-	-	55,000
54	1	Retirement from Plant	BLKT	Rates	501	45,290	50,780	74,220	125,000	125,000	125,000	125,000	125,000	625,000	795,290
54	2	Transformer Replacement	BLKT	Rates	504	21,979	11,181	88,819	100,000	100,000	100,000	100,000	100,000	500,000	621,979
54	3	Distribution Pole Replacement	BLKT	Rates	505	337,694	410,951	9,049	360,000	370,000	380,000	390,000	400,000	1,900,000	2,657,694
54	4	Transmission Pole Replacement	BLKT	Rates	507	(12)	1,095	18,905	25,000	25,000	25,000	25,000	25,000	125,000	144,988
54	5	Substation Improvements R&R	BLKT	Rates	511	25,752	-	157,000	60,000	61,000	63,000	63,000	65,000	312,000	494,752
54	6	Trans & Dist Improvements	BLKT	Rates	515	255,608	168,116	241,884	480,000	480,000	480,000	480,000	480,000	2,400,000	3,065,608
TOTAL						686,311	642,123	994,877	1,582,000	1,396,000	1,603,000	1,183,000	1,195,000	6,959,000	9,282,311

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-25	PROJECT TOTAL
						through 9/30/2019	through 5/19/2020	FY 2020 Budget							
55 Electric Operations															
55	FA-1	Full Size Van	FA	Rates	Vehicles	-	-	-	49,273	-	-	-	-	49,273	49,273
55	FA-2	Small Pick-up Truck	FA	Rates	Vehicles	-	-	-	29,632	31,113	32,669	34,302	36,017	163,733	163,733
55	FA-3	System Ops. Console Upgrade	FA	Rates	539121005	-	-	29,814	50,368	-	-	-	-	50,368	80,182
55		12 Position Meter Test Board	FA	Rates	537020007	-	-	30,899	-	-	-	-	-	-	30,899
55		OMS Integration with SCADA AMI	FA	Rates	539920010	-	-	20,000	-	-	-	-	-	-	20,000
55		Electric Meter Replacements	BLKT	Rates	514	27,357	6,255	3,745	-	-	-	-	-	-	37,357
55	1	Advanced Metering Infrastructure	STD	Rates	523	106,861	266,599	800,000	750,000	550,000	550,000	550,000	550,000	2,950,000	4,123,460
55	1	Advanced Metering Infrastructure	STD	Debt	523	9,292	23,183	226,817	250,000	250,000	250,000	250,000	250,000	1,250,000	1,509,292
TOTAL						143,510	296,037	1,111,275	1,129,273	831,113	832,669	834,302	836,017	4,463,374	6,014,196
56-E Electric & Gas Engineering - Electric															
56-E	1	15kV Breaker Replacement	BLKT	Rates	502	-	-	-	80,000	-	-	-	-	80,000	80,000
56-E	2	Auto Reclsure Reliab Imprvmnts	BLKT	Rates	503	103,854	-	-	40,000	40,000	40,000	40,000	40,000	200,000	303,854
56-E	3	New Construction - Line Ext	BLKT	Rates	506	19,658	-	10,000	10,000	10,000	10,000	10,000	10,000	50,000	79,658
56-E	4	Storm Hardening -- NESC Rates	BLKT	Rates	508	16,158	184,127	195,873	400,000	300,000	500,000	500,000	500,000	2,200,000	2,596,158
56-E	5	69KV Breaker Replacement	BLKT	Rates	509	178,014	153,651	66,349	140,000	140,000	140,000	80,000	40,000	540,000	938,014
56-E	6	Electric Sys VAR Control Expan	BLKT	Rates	510	-	8,373	91,627	100,000	100,000	100,000	100,000	100,000	500,000	600,000
56-E	7	Gov't & Other Required Rates	BLKT	Rates	512	7,227	5,136	14,564	150,000	150,000	150,000	150,000	150,000	750,000	776,927
56-E	8	New Construction-Residential	BLKT	Rates	516	51,701	19,087	913	77,500	77,500	77,500	77,500	77,500	387,500	459,201
56-E	9	New Construction-Comm Rates	BLKT	Rates	518	194,194	26,257	84,926	300,000	300,000	300,000	300,000	300,000	1,500,000	1,805,377
56-E	10	New Construction-Rental Lights	BLKT	Rates	519	15,035	49,096	(115)	50,000	50,000	50,000	50,000	50,000	250,000	314,016
56-E	11	Storm Hardening -- NESC CIA	BLKT	CIA	520	-	9,014	110,986	100,000	100,000	100,000	100,000	100,000	500,000	620,000
56-E	12	LED - Rental Light Repl	BLKT	Rates	522	310,283	282,811	119,189	432,000	432,000	432,000	-	-	1,296,000	2,008,283
56-E	13	Gov't & Other Required CIA	BLKT	CIA	524	-	-	300,000	100,000	100,000	100,000	100,000	100,000	500,000	800,000
56-E	14	New Construction-Comm CIA	BLKT	CIA	525	-	-	278,736	200,000	200,000	200,000	200,000	200,000	1,000,000	1,278,736
56-E	15	Distributed Energy Resources	STD	Rates	529	-	-	50,000	25,000	-	-	-	-	25,000	75,000
56-E	16	17th St - Orange Ave to Ave D	STD	Rates	533	-	-	200,000	130,000	-	-	-	-	130,000	330,000
56-E		Substation Regulators	STD	Rates	534	218,366	-	180,000	-	-	-	-	-	-	398,366
56-E	17	Totten/Hartman Improvements	STD	Rates	559	-	-	-	100,000	-	-	-	-	100,000	100,000
56-E	18	St Lucie Village - Convert to UG	STD	Rates	560	22,642	17,506	166,794	100,000	250,000	-	-	-	350,000	556,942
56-E	19	State Road N. A1A (N. Bridge)	STD	Rates	564	-	-	-	52,000	-	-	-	-	52,000	52,000
56-E		Carriage Pointe	STD	Rates	566	200,172	35,523	80,275	-	-	-	-	-	-	315,970
56-E	20	Celebration Point Phase 1 PUD	STD	Rates	571	112,438	10,237	17,763	28,000	-	-	-	-	28,000	168,438
56-E	21	Harbor Branch Reliability Impro	STD	Rates	576	-	22,417	65,483	160,000	145,000	-	-	-	305,000	392,900
56-E	22	Derecktor	STD	Rates	578	-	-	-	380,000	200,000	-	-	-	580,000	580,000
56-E	23	Open Wire Sec Repl	STD	Rates	582	-	-	-	100,000	200,000	-	-	-	300,000	300,000
56-E	24	Substation Transformer Replace	STD	Rates	594	8,846	84,677	475,323	600,000	600,000	600,000	600,000	600,000	3,000,000	3,568,846
TOTAL						1,458,588	907,912	2,508,686	3,854,500	3,394,500	2,799,500	2,307,500	2,267,500	14,623,500	19,498,686
62 Water Resources															
62	FA-1	Submersible Well Pumps	FA	Rates	632521001	-	-	-	15,000	15,000	15,000	15,000	15,000	75,000	75,000
62	FA-2	Submersible Electric Motors	FA	Rates	632521002	-	-	-	12,000	12,000	12,000	12,000	12,000	60,000	60,000
62	FA-3	Telemetry/Controls/Instr	FA	Rates	633221003	-	-	-	25,000	25,000	25,000	25,000	25,000	125,000	125,000
62	FA-4	Spare RO Transfer Pump	FA	Rates	632521004	-	-	-	60,000	-	-	-	-	60,000	60,000
62	1	Raw Water Mains R&R	BLKT	Rates	618	440	-	-	10,000	10,000	10,000	10,000	10,000	50,000	50,440
62	2	Stripping Tower Xfer Pumps	STD	Rates	634	158,376	-	-	175,000	175,000	-	-	-	350,000	508,376
62	3	1.5 MG Ground Storage Tank	STD	Rates	658	-	-	-	150,000	-	-	-	-	150,000	150,000
62	4	Recovery Ponds	STD	Rates	660	-	-	-	-	250,000	-	-	-	250,000	250,000
62	5	HSP Room Exhaust Structures	STD	Rates	661	-	-	-	50,000	-	-	-	-	50,000	50,000

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-25	PROJECT
						through 9/30/2019	through 5/19/2020	FY 2020 Budget							TOTAL
62	6	Lime Soft Unit #1 Reconfig	STD	Rates	688	-	-	-	410,000	-	-	-	-	410,000	410,000
62	7	RO Clearwell Reconfig	STD	Rates		-	-	-	-	-	350,000	-	-	350,000	350,000
62	8	Lime Stripping Tower Generator	STD	Rates		-	-	-	-	600,000	-	-	-	600,000	600,000
62	9	WTP Control Room Rehab	STD	Rates		-	-	-	-	-	150,000	-	-	150,000	150,000
62	10	Dryer Building MCC	STD	Rates		-	-	-	-	-	-	250,000	-	250,000	250,000
62	11	Lime Stripping Towers Rehab	STD	Rates		-	-	-	-	-	275,000	275,000	-	550,000	550,000
62	12	3 MG Ground Storage Tank	STD	Rates		-	-	-	-	-	-	200,000	-	200,000	200,000
62	13	WTP Fencing	STD	Rates		-	-	-	-	-	-	-	150,000	150,000	150,000
62	14	Lime Stripping Tower Clearwell	STD	Rates		-	-	-	-	-	-	-	250,000	250,000	250,000
62	15	Lime Softener #2	STD	Rates		-	-	-	-	-	-	-	300,000	300,000	300,000
TOTAL						158,816	-	-	907,000	1,087,000	837,000	787,000	762,000	4,380,000	4,538,816
64	Water Distribution														
64		3/4 Ton Service Trucks	FA	Rates	Vehicles	-	-	110,000	-	-	-	-	-	-	110,000
64		1/2 Ton 4DR 4WD Pickup Truck	FA	Rates	Vehicles	-	-	50,000	-	-	-	-	-	-	50,000
64	FA-1	Ford Explorer 4 Dr 4 WD	FA	Rates	Vehicles	-	-	-	35,000	-	-	-	-	35,000	35,000
64	FA-2	Diesel Air Compressor	FA	Rates	639821002	-	-	-	25,000	-	-	-	-	25,000	25,000
64	FA-3	Intelligent Flushing Equipment	FA	Rates	634321003	-	21,254	22,746	22,000	-	-	-	-	22,000	66,000
64	FA-4	Ground Penetrating Radar	FA	Rates	639821004	-	-	-	18,500	-	-	-	-	18,500	18,500
64	FA-5	Various vehicles for FY 2022-2025	FA	Rates	Vehicles	-	-	-	-	343,000	374,000	288,000	122,000	1,127,000	1,127,000
64	FA-6	Various FA for FY 2022-2025	FA	Rates		-	-	-	-	57,000	-	75,000	65,000	197,000	197,000
64	1	Meter/Backflow Preventers	BLKT	CIA	603	104,216	90,632	94,368	185,000	185,000	185,000	185,000	185,000	925,000	1,214,216
64	2	Fire Hydrant Replacements	BLKT	Rates	606	100,225	8,671	61,329	72,100	73,542	75,013	76,513	78,043	375,211	545,436
64	3	Meter Changeouts	BLKT	Rates	612	81,756	67,232	32,768	-	-	-	100,000	200,000	300,000	481,756
64	4	Main/Serv/Valve Replacement	BLKT	Rates	615	233,751	254,632	286,118	500,000	500,000	500,000	500,000	500,000	2,500,000	3,274,501
64	5	Advanced Metering Infrastructure	STD	Debt	623	-	202,667	(2,667)	400,000	400,000	400,000	400,000	400,000	2,000,000	2,200,000
TOTAL						519,948	645,088	654,662	1,257,600	1,558,542	1,534,013	1,624,513	1,550,043	7,524,711	9,344,409
66-W	Water Engineering														
66-W	1	Surficial Well Replacement	BLKT	Rates	602	-	-	-	286,000	289,250	292,500	295,750	299,000	1,462,500	1,462,500
66-W	1	Surficial Well Replacement	BLKT	CIC	602	-	-	-	154,000	155,750	157,500	159,250	161,000	787,500	787,500
66-W	2	Fire Hydrant New Installations	BLKT	CIC	607	8,401	63	12,297	12,731	13,113	13,506	14,328	15,188	68,866	89,627
66-W	3	City Roadway Projects	BLKT	Rates	608	-	95	-	300,000	300,000	300,000	300,000	300,000	1,500,000	1,500,095
66-W	4	Miscellaneous MSBU	BLKT	CIA	609	-	-	280,000	335,000	280,000	280,000	280,000	280,000	1,455,000	1,735,000
66-W	4	Miscellaneous MSBU	BLKT	CIC	609	-	-	70,000	65,000	70,000	70,000	70,000	70,000	345,000	415,000
66-W	5	New Construction-Mains	BLKT	CIC	610	-	-	33,741	45,311	47,350	49,481	51,708	54,035	247,885	281,626
66-W	6	New Construction-Custmr Funded	BLKT	CIA	611	-	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	300,000
66-W	7	St Lucie County Roadway Proj	BLKT	Rates	613	-	-	62,500	300,000	100,000	100,000	100,000	100,000	700,000	762,500
66-W	7	St Lucie County Roadway Proj	BLKT	CIC	613	-	-	-	125,000	-	-	-	-	125,000	125,000
66-W	8	Customer Base Expansion Projects	BLKT	Debt	614	-	-	-	525,000	525,000	525,000	525,000	525,000	2,625,000	2,625,000
66-W	9	Water Main Looping	BLKT	CIC	616	-	-	98,000	110,000	110,000	110,000	110,000	110,000	550,000	648,000
66-W	10	Water Mains Misc R&R	BLKT	Rates	617	3,029	1,307	157,143	750,000	750,000	750,000	750,000	750,000	3,750,000	3,911,479
66-W	11	Governmental & Other Required	BLKT	Rates	620	-	-	-	110,000	110,000	110,000	110,000	110,000	550,000	550,000
66-W		17th St - Orange Ave to Ave D	STD	Rates	635	791	3,736	296,149	-	-	-	-	-	-	300,676
66-W		N 10th St Ave E to Ave L	STD	Rates	637	-	108,987	279,013	-	-	-	-	-	-	388,000
66-W	12	Subaqueous Mains Stabilization	STD	Rates	639	-	-	160,000	-	160,000	-	160,000	-	320,000	480,000
66-W		12th Street WM Replacement	STD	Rates	648	-	7	4,993	-	-	-	-	-	-	5,000
66-W		WM Loop East of Selvitz	STD	CIC	652	544	-	13,000	-	-	-	-	-	-	13,544
66-W	13	Lawnwood Hospital WM Replace	STD	Rates	654	-	-	-	200,000	-	-	-	-	200,000	200,000
66-W	13	Lawnwood Hospital WM Replace	STD	CIC	654	-	-	-	50,000	-	-	-	-	50,000	50,000
66-W		Mura MSBU	STD	CIA	659	3,112	560	434,247	-	-	-	-	-	-	437,919
66-W		Mura MSBU	STD	CIC	659	271	49	37,760	-	-	-	-	-	-	38,080

CAPITAL IMPROVEMENT PLAN SUMMARY

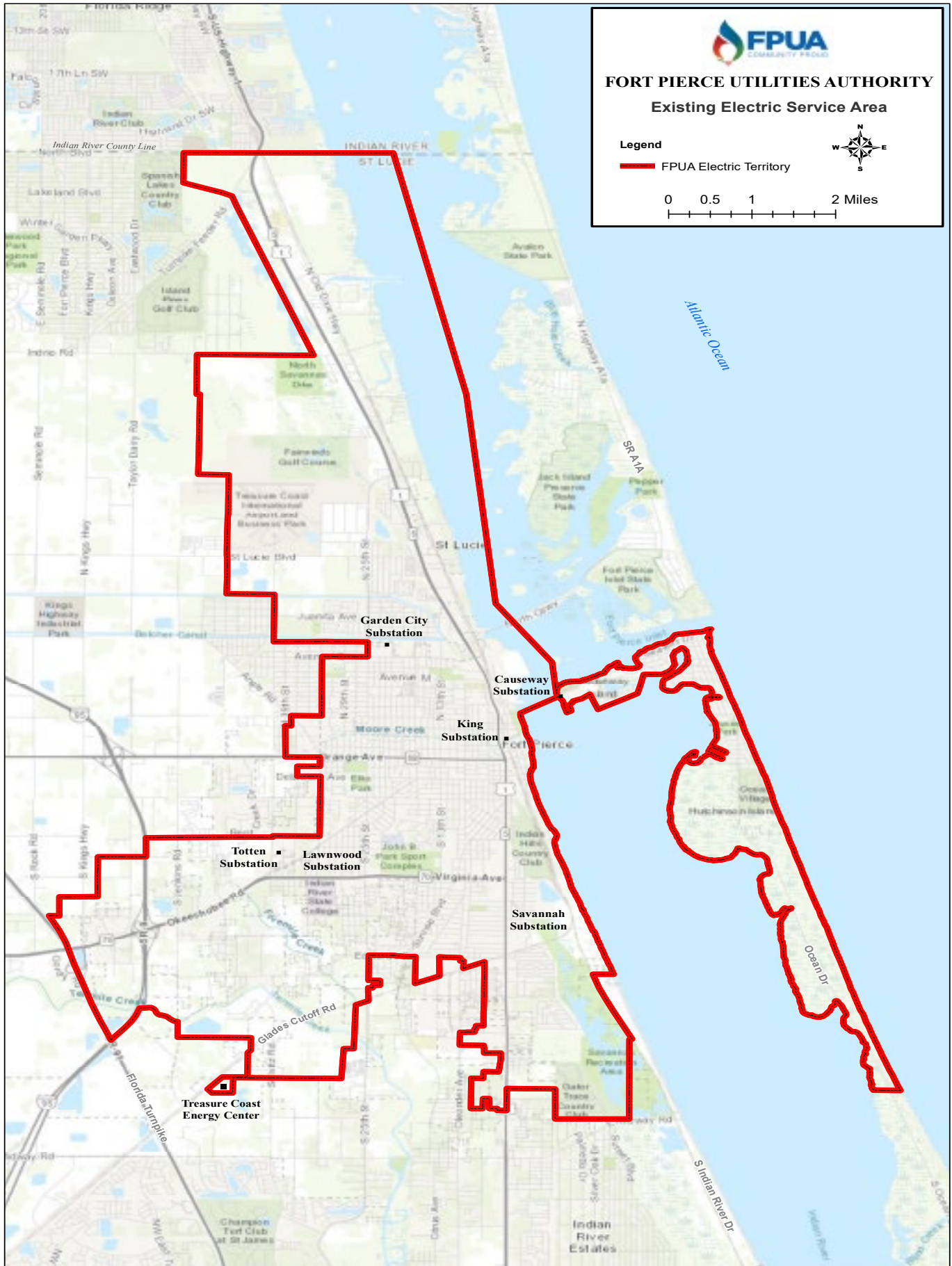
DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-25	PROJECT TOTAL
						through 9/30/2019	through 5/19/2020	FY 2020 Budget							
66-W		Edwards Rd Oleander to US 1	STD	Rates	662	-	-	12,500	-	-	-	-	-	-	12,500
66-W		Hemingway Square Utilities	STD	CIC	670	-	-	9,619	-	-	-	-	-	-	9,619
66-W		Booker St & Ave E WM Replace	STD	Rates	674	-	657	94,343	-	-	-	-	-	-	95,000
66-W		Midway Road - US 1 to 25th St.	STD	Rates	684	581,600	47,905	42,765	-	-	-	-	-	-	672,270
66-W	14	Lawnwood Well_Field Generator	STD	CIC	685	-	-	100,000	575,000	-	-	-	-	575,000	675,000
66-W		Midway Road - Elm Ave to 25th	STD	CIC	686	892,736	-	141,381	-	-	-	-	-	-	1,034,117
66-W		Kings Hwy-Okee Rd to Orange Av	STD	CIA	690	56,791	54,259	181,882	-	-	-	-	-	-	292,932
66-W		Kings Hwy-Okee Rd to Orange Av	STD	CIC	690	201,349	192,372	629,244	-	-	-	-	-	-	1,022,965
66-W		WTP Surface/Drainage Imp.	STD	CIC	693	-	-	150,000	-	-	-	-	-	-	150,000
TOTAL						1,748,624	409,997	3,350,577	3,993,042	2,960,463	2,807,987	2,976,036	2,824,223	15,561,751	21,070,949
56-G Electric & Gas Engineering - Gas															
56-G	1	Gas System Expansion	BLKT	Rates	714	-	-	97,000	200,000	200,000	200,000	200,000	200,000	1,000,000	1,097,000
56-G	2	Kings Hwy-Okee Rd to Angle Rd	STD	Rates	726	35,144	58,631	136,725	200,000	200,000	-	-	-	400,000	630,500
56-G	3	17th St - Orange Ave to Ave D	STD	Rates	733	-	-	72,000	82,000	-	-	-	-	82,000	154,000
56-G	4	SCADA Monitoring	STD	Rates	734	193,463	1,896	28,702	10,000	-	-	-	-	10,000	234,061
56-G	5	Waste Pro Loop	STD	Rates	746	-	-	50,000	110,000	-	-	-	-	110,000	160,000
56-G	6	Midway Rd.- Selvitz to Jenkins	STD	Rates	747	-	-	25,000	25,000	10,000	-	-	-	35,000	35,000
56-G	7	Edwards Rd Oleander to US 1	STD	Rates	762	-	1,779	101,221	20,000	-	-	-	-	20,000	123,000
56-G	8	State Road N. A1A (N. Bridge)	STD	Rates	764	-	-	15,000	15,000	50,000	-	-	-	65,000	65,000
TOTAL						228,607	62,306	485,648	662,000	460,000	200,000	200,000	200,000	1,722,000	2,498,561
74 Gas Operations															
74	FA-1	Vans, Pickups, SUV's	FA	Rates	Vehicles	-	-	61,000	71,000	35,000	25,000	50,000	65,000	246,000	307,000
74	FA-2	Portable CNG Storage Skid	FA	Rates	739421002	-	-	-	18,000	-	-	-	-	18,000	18,000
74	1	Gas System Renewals	BLKT	Rates	704	27,298	1,740	16,260	18,500	19,000	19,500	20,000	25,000	102,000	147,298
74	2	Gas System New Revenue	BLKT	Rates	705	115,636	50,591	34,409	88,000	91,000	94,000	97,000	100,000	470,000	670,636
74	2	Gas System New Revenue	BLKT	CIA	705	34,540	15,112	9,888	25,000	25,000	25,000	25,000	25,000	125,000	184,540
74	3	Meter & Regulator Changeouts	BLKT	Rates	706	108,404	55,867	48,133	110,000	112,000	114,000	132,000	134,000	602,000	814,404
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	2,308	-	25,000	25,000	25,000	25,000	25,000	25,000	125,000	152,308
74	6	Customer Funded Projects	BLKT	CIA	710	582	-	50,000	50,000	50,000	50,000	50,000	50,000	250,000	300,582
74	7	Governmental & Other Required	BLKT	Rates	720	8,774	2,657	64,323	130,000	133,000	136,000	140,000	143,000	682,000	757,754
74	7	Governmental & Other Required	BLKT	CIA	720	3,245	983	24,017	25,000	25,000	25,000	25,000	25,000	125,000	153,245
74	8	Advanced Metering Infrastructure	STD	Rates	723	10,898	18,057	1,943	136,000	136,000	136,000	-	-	408,000	438,898
TOTAL						311,685	145,007	344,973	706,500	661,000	659,500	574,000	602,000	3,203,000	4,004,665
66-WW Wastewater Engineering															
66-WW	1	City Roadway Projects	BLKT	Rates	808	-	101	50,000	300,000	225,000	225,000	225,000	225,000	1,200,000	1,250,101
66-WW	2	New Construction-Mains	BLKT	CIC	810	-	-	7,875	43,338	45,239	47,198	49,228	51,345	236,348	244,223
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	-	-	87,500	250,000	100,000	100,000	100,000	100,000	650,000	737,500
66-WW	5	Customer Base Expansion Projects	BLKT	Debt	814	-	-	-	200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000
66-WW	6	Wastewater Main Misc. R&R	BLKT	Rates	817	1,849	-	164,450	300,000	300,000	300,000	300,000	300,000	1,500,000	1,666,299
66-WW	7	Sewer Lining Projects	BLKT	Rates	818	125,000	-	125,000	125,000	125,000	125,000	125,000	125,000	625,000	875,000
66-WW	8	Developer Contributions	BLKT	CIA	819	-	-	100,000	100,000	-	-	-	100,000	200,000	300,000
66-WW	9	Governmental & Other Required	BLKT	Rates	820	18,261	-	20,000	100,000	100,000	100,000	100,000	100,000	500,000	538,261
66-WW		Edwards Rd Water/Wastewater	STD	Debt	831	500	25,723	123,777	-	-	-	-	-	-	150,000
66-WW		IWRF Diffuser Reconstruction	STD	Rates	832	60,971	59,375	179,653	-	-	-	-	-	-	299,999
66-WW	10	Subaqueous Mains Stabilization	STD	Rates	839	-	-	160,000	160,000	-	160,000	-	160,000	480,000	640,000
66-WW	11	Digiorgio Road Sanitary	STD	CIA	840	18,687	132,567	1,783,495	479,461	-	-	-	-	479,461	2,414,210
66-WW	11	Digiorgio Road Sanitary	STD	CIC	840	1,514	10,740	144,496	212,500	-	-	-	-	212,500	369,250
66-WW		Edwards Rd Oleander to US 1	STD	Rates	862	-	-	12,500	-	-	-	-	-	-	12,500

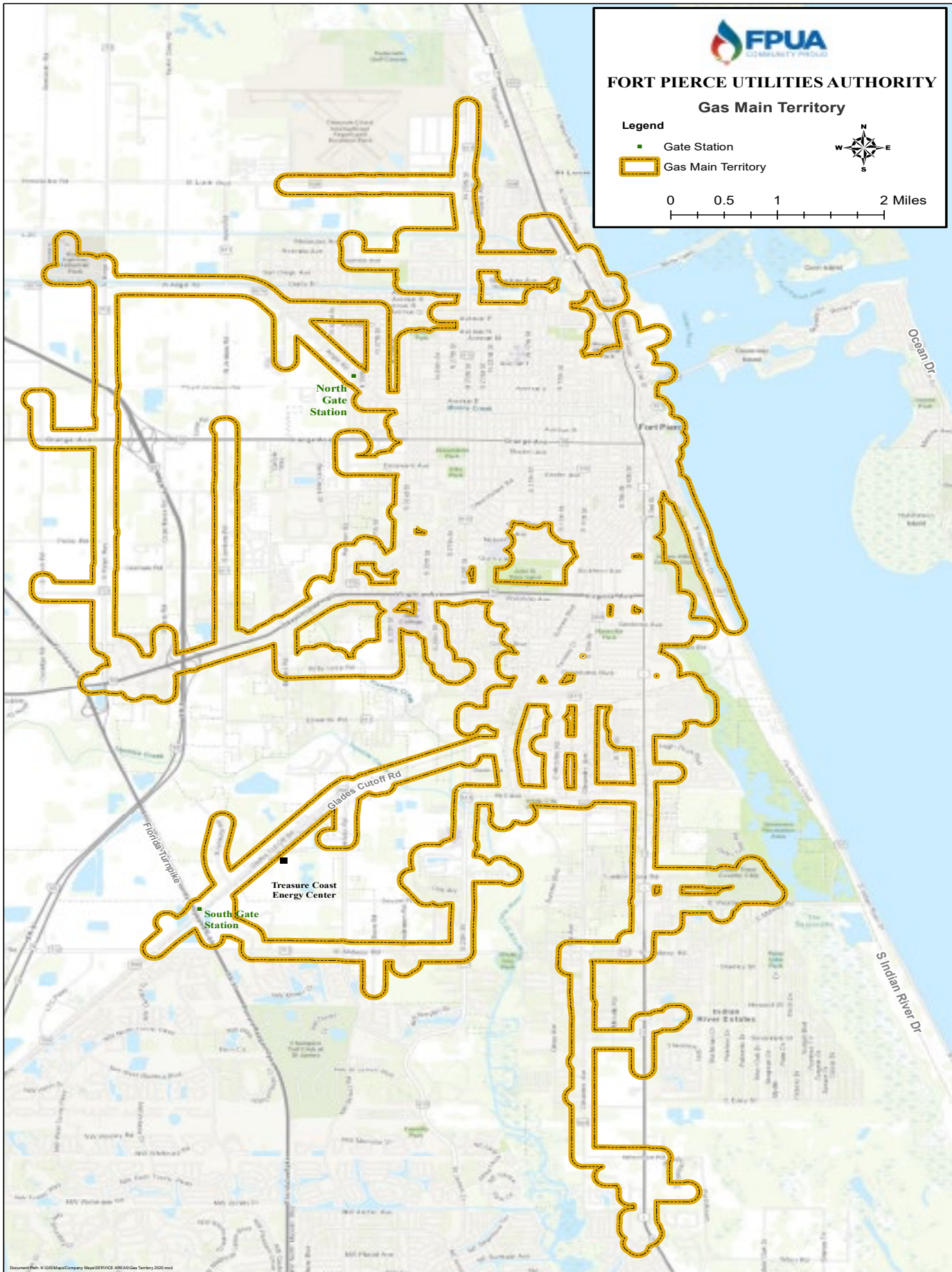
CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	Inception	Spent	Remaining	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-25	PROJECT TOTAL
						through 9/30/2019	through 5/19/2020	FY 2020 Budget							
66-WW		17th St - Orange Ave to Ave D	STD	Rates	863	3,237	354	349,435	-	-	-	-	-	-	353,026
66-WW		Hemingway Square Utilities	STD	CIC	870	-	-	4,878	-	-	-	-	-	-	4,878
66-WW		North 8th St - Orange Ave	STD	Rates	881	-	33,363	41,637	-	-	-	-	-	-	75,000
66-WW		Midway Road - US 1 to 25th St.	STD	Rates	884	32,478	-	12,557	-	-	-	-	-	-	45,035
66-WW		Midway Road - Elm Ave to 25th	STD	Rates	886	67,155	-	2,674	-	-	-	-	-	-	69,829
66-WW		Kings Hwy-Okee Rd to Orange Av	STD	Rates	890	33,941	40,349	323,649	-	-	-	-	-	-	397,939
66-WW		Kings Hwy-Okee Rd to Orange Av	STD	CIA	890	7,553	8,979	72,021	-	-	-	-	-	-	88,553
66-WW		Kings Hwy-Okee Rd to Orange Av	STD	CIC	890	23,777	28,267	226,730	-	-	-	-	-	-	278,774
66-WW	12	Downtown 16" FM on Ave C	STD	CIC	893	-	-	500,000	500,000	-	-	-	-	500,000	1,000,000
66-WW	13	MWRF DIW-1 Monitoring Well	STD	Rates	897	-	-	-	750,000	-	-	-	-	750,000	750,000
TOTAL						394,923	339,818	4,542,327	3,570,299	1,145,239	1,307,198	1,149,228	1,411,345	8,583,309	13,860,377
82	Water Reclamation														
82		1/2 Ton Pickup Truck Super Cab	FA	Rates	Vehicles	-	-	-	-	-	-	-	-	-	-
82	FA-1	IWRF Deep Well Valves	FA	Rates	837321001	-	-	-	100,000	-	-	-	-	100,000	100,000
82	FA-2	Telescoping Forklift	FA	Rates	-	-	-	-	-	100,000	-	-	-	100,000	100,000
82	FA-3	1/2 Ton Pickup Truck Super Cab	FA	Rates	Vehicles	-	-	-	-	-	50,000	-	-	50,000	50,000
82	FA-4	Cyclone Grit Classifier	FA	Rates	-	-	-	-	-	-	80,000	80,000	-	160,000	160,000
82	FA-5	Sodium Hypochlorite Tank	FA	Rates	-	-	-	-	20,000	-	-	-	-	20,000	20,000
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	-	-	13,413	15,000	15,000	25,000	75,000	155,000	285,000	298,413
82		W-2 System Upgrade	STD	Rates	827	-	-	-	-	-	-	-	-	-	-
82	3	IWRF Bar Screen Retrofit	STD	Rates	873	-	-	-	155,000	-	-	-	-	155,000	155,000
TOTAL						-	-	23,413	280,000	145,000	165,000	165,000	165,000	920,000	943,413
84	Wastewater Collection														
84	FA-1	Lift Station Pump Replacement	FA	Rates	836321002	-	-	-	30,000	30,000	30,000	30,000	30,000	150,000	150,000
84	FA-2	Service Truck & Equip	FA	Rates	Vehicles	-	-	-	100,000	350,000	100,000	40,000	100,000	690,000	690,000
84	FA-3	Safety Equipment	FA	Rates	839821004	-	-	-	15,000	15,000	15,000	15,000	15,000	75,000	75,000
84	FA-4	Dry Prime By-pass Pump	FA	Rates	-	-	-	-	-	30,000	-	-	-	30,000	30,000
84	FA-5	L.S. "A" Pump Replacement	FA	Rates	-	-	-	-	-	-	-	100,000	-	100,000	100,000
84	1	Telemetry & Controls	BLKT	Rates	801	14,559	29,239	20,761	40,000	40,000	40,000	40,000	40,000	200,000	264,559
84	2	Lift Station Improvements	BLKT	Rates	802	(128)	1,424	38,576	30,000	30,000	30,000	30,000	30,000	150,000	189,872
84	3	Mains and Laterals R&R	BLKT	Rates	805	391,034	176,281	198,719	375,000	375,000	375,000	375,000	375,000	1,875,000	2,641,034
84	4	Lift Station Control Panels	BLKT	Rates	806	18,209	-	25,000	25,000	25,000	25,000	25,000	25,000	125,000	168,209
84	5	Wastewater Main Lining	BLKT	Rates	815	308,708	-	375,000	375,000	750,000	750,000	750,000	750,000	3,375,000	4,058,708
84	6	Manhole Rehabilitation	BLKT	Rates	816	108,821	89,693	25,307	180,000	180,000	180,000	180,000	180,000	900,000	1,123,821
TOTAL						841,203	296,637	683,363	1,170,000	1,825,000	1,545,000	1,585,000	1,545,000	7,670,000	9,491,203
93	FPUAnet Communications														
93	1	FPUAnet Communication Services	BLKT	Rates	914	7,859	103	30,257	100,000	125,000	125,000	125,000	125,000	600,000	638,219
93	1	FPUAnet Communication Services	BLKT	CIA	914	27,862	365	107,275	100,000	125,000	125,000	125,000	125,000	600,000	735,502
93	2	Smart City Initiative	BLKT	Rates	915	-	-	50,000	50,000	55,000	62,000	69,000	75,000	311,000	361,000
93	2	Smart City Initiative	BLKT	CIA	915	-	-	20,000	30,000	35,000	38,000	41,000	45,000	189,000	209,000
93	3	FPUAnet Wireless Communication	BLKT	Rates	916	887	534	8,466	10,000	10,000	10,000	10,000	10,000	50,000	59,887
93	3	FPUAnet Wireless Communication	BLKT	CIA	916	2,069	1,246	19,754	20,000	20,000	20,000	20,000	20,000	100,000	123,069
93	4	FPUAnet Regional Connections	BLKT	Rates	917	-	-	18,000	12,000	60,000	60,000	60,000	60,000	252,000	270,000
93	4	FPUAnet Regional Connections	BLKT	CIA	917	-	-	2,000	8,000	40,000	40,000	40,000	40,000	168,000	170,000
93	5	System Reliability	BLKT	Rates	918	-	56,769	68,231	150,000	200,000	250,000	250,000	250,000	1,100,000	1,225,000
93	6	System Expansion	BLKT	Rates	919	-	-	-	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
93	7	FPUAnet GPON Services	BLKT	Rates	920	-	-	45,000	200,000	275,000	300,000	385,000	385,000	1,545,000	1,590,000
93	7	FPUAnet GPON Services	BLKT	CIA	920	-	-	105,000	50,000	75,000	100,000	115,000	115,000	455,000	560,000

CAPITAL IMPROVEMENT PLAN SUMMARY

DEPT	REQ	PROJECT TITLE / ASSET NAME	TYPE	FUNDING	NUMBER	<u>Inception</u>	<u>Spent</u>	<u>Remaining</u>	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-25	<u>PROJECT</u>
						<u>through</u>	<u>through</u>	<u>FY 2020</u>							<u>Budget</u>
						9/30/2019	5/19/2020	Budget							TOTAL
93	8	Joint Trenching Initiative	BLKT	Rates	921	-	-	-	20,000	25,000	30,000	35,000	40,000	150,000	150,000
93	9	Lincoln Park	STD	Rates	950	-	-	200,000	200,000	200,000	-	-	-	400,000	600,000
93	9	Lincoln Park	STD	CIA	950	-	-	400,000	100,000	100,000	-	-	-	200,000	600,000
93	10	City Connectivity and Security	STD	Rates	960	136	5,751	114,249	120,000	-	-	-	-	120,000	240,136
TOTAL						38,813	64,768	1,188,232	1,670,000	1,845,000	1,660,000	1,775,000	1,790,000	8,740,000	10,031,813
21	Finance														
21	1	Contingencies		Contingencies		-	-	-	500,000	-	-	-	-	500,000	500,000
TOTAL						-	-	-	500,000	-	-	-	-	500,000	500,000
GRAND TOTAL						6,624,752	4,108,595	17,211,099	22,214,214	17,783,857	16,222,867	15,410,579	15,483,128	87,114,645	115,059,091
ADMINISTRATION						93,725	298,902	1,323,066	932,000	475,000	272,000	250,000	335,000	2,264,000	3,979,693
ELECTRIC						2,288,409	1,846,072	4,614,838	6,565,773	5,621,613	5,235,169	4,324,802	4,298,517	26,045,874	34,795,193
WATER						2,427,388	1,055,085	4,005,239	6,157,642	5,606,005	5,179,000	5,387,549	5,136,266	27,466,462	34,954,174
GAS						540,292	207,313	830,621	1,368,500	1,121,000	859,500	774,000	802,000	4,925,000	6,503,226
WASTEWATER						1,236,126	636,455	5,249,103	5,020,299	3,115,239	3,017,198	2,899,228	3,121,345	17,173,309	24,294,993
FPUAnet						38,813	64,768	1,188,232	1,670,000	1,845,000	1,660,000	1,775,000	1,790,000	8,740,000	10,031,813
CONTINGENCIES						-	-	-	500,000	-	-	-	-	500,000	500,000
TOTAL						6,624,752	4,108,595	17,211,099	22,214,214	17,783,857	16,222,867	15,410,579	15,483,128	87,114,645	115,059,091





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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.

48848 **Net Metering Application Fee** – A processing fee for interconnection agreements for customer-owned renewable generation installations greater than 10 kW.

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.

REVENUE DEFINITIONS

- 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.
- 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.
- 49560 **WTP DIW Cost Recovery** – Revenue for discharges into the Deep Injection Well at the Water Treatment Plant. This revenue is intended to offset O & M costs incurred by the water system.
- 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).
- 43708 **Capital Improvement Charges MWRF** – Capital received from developers or other agencies in the form of cash designated specifically for projects that supports the relocation of the IWRF.
- 43750 **Contributed Capital Non-Cash** – Capital received from developers or other agencies in a form other than cash for the purpose of expanding or improving the utility operations.

OBJECT CODE DEFINITIONS

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.
- 2230 **Employee Relations** – Costs incurred for the benefit of employees, such as for the Christmas holiday luncheon, employee/volunteer appreciation events, retirement celebrations and gifts, Thanksgiving holiday awards, funeral flowers, and non-uniform FPUA-provided shirts, as approved by the Director of Utilities.

OBJECT CODE DEFINITIONS

- 2240 **Business Relations** – Meals or other expenses related to the conduct of day-to-day business (e.g., lunches with executives discussing FPUA business, tickets for Chamber of Commerce, United Way, or Economic Development Council events or meetings).
- 2250 **Community Relations** – Costs related to general public relations (e.g., educational videos, costs of informational field trips through FPUA facilities including refreshments, or hosting community related meetings).
- 2260 **Memberships - Professional** – Memberships in professional organizations (e.g., FMEA, AGA, AWWA, Midwest Energy Association, Florida Engineering Society, or National Safety Council), as well as costs associated with being commissioned as a notary.
- 2262 **Memberships - Civic** – Memberships in civic organizations (e.g., 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.
- 3320 **Chemicals** – Chemicals purchased for operations at the Water Treatment Plant, lift stations, and the Water Reclamation Facility.
- 3331 **Vehicle Supplies** – Costs of supplies, equipment, gasoline, oil, etc. for vehicles on FPUA business, as well as fuels used for emergency generators. This includes supplies needed for vehicle repairs and maintenance performed by in-house employees. Work performed by outside vendors is charged to object code 2132, Maintenance of Vehicles.

OBJECT CODE DEFINITIONS

- 3340 **Small Tools** – Small tools purchased that cost less than \$5,000, (e.g., hammers, screwdrivers, shovels, wrenches, saws, drills, sanders, or bolt cutters). Power tools are also included here. Tools that cost more than \$5,000 should be charged to capital codes. Replacement parts are charged to object code 3316, Operating Supplies.
- 3360 **Purchases for Resale** – Electricity, natural gas, water, and internet services purchased for resale to FPUA customers.

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.
- 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.

OBJECT CODE DEFINITIONS

- 4520 **Licenses & Permits** – Licenses necessary to operate FPUA facilities (e.g., water/wastewater permits, FPSC regulatory assessment fees, P.E. licenses, industrial certifications, operator certifications, maintenance of traffic certifications, or building permits for customer installations).
- 4531 **Contributions - Civic** – The contribution made toward the Manatee Observation and Education Center’s operations, as well as to other civic organizations.
- 4600 **Workers’ Compensation** – Premiums, deductibles and expenses paid under Workers’ Compensation laws.
- 4610 **Property & Liability Insurance & Claims** – This code is used for premiums paid to insurance companies for property and liability policies, and the surety bond for the Director of Financial Services. Losses not covered by insurance, as well as expenses incurred in the settlement of claims, are charged to this code. Reimbursements from insurance companies or others for losses and expenses charged hereto shall be credited to this account.
- 4640 **Unemployment Claims** – Paid to the State of Florida for direct unemployment claims made by employees who have left FPUA employment.
- 4666 **Inventory Adjustments** – Adjustments to the inventory system for shortages and overages of inventory, based on actual counts. Write-down or write-off of obsolete inventory items are also charged to this code.
- 4700 **Utility Bad Debt Expense** – Write-offs of utility accounts receivable that are over 90 days past due. Payments on these accounts are credited to this code.

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.

OBJECT CODE DEFINITIONS

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.

AGA – American Gas Association

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.

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.

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

GLOSSARY, ABBREVIATIONS & ACRONYMS

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 three years, 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

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 is a planning tool which identifies anticipated future capital needs for the upcoming five-year period.

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.

CGFO – Certified Government Finance Officer

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.

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

DIW – Deep Injection Well

DNS – Domain Name Server, the system that automatically translates internet addresses to the numeric machine addresses that computers use.

GLOSSARY, ABBREVIATIONS & ACRONYMS

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.

Effluent – The outflow of water from wastewater treatment plant that is basically the end product of the treatment process.

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.

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.

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.

GLOSSARY, ABBREVIATIONS & ACRONYMS

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

FM – Force Main

FMEA – Florida Municipal Electric Agency

FMPA – Florida Municipal Power Agency

FPL – Florida Power & Light Company

FPRA – Fort Pierce Redevelopment Agency

FPSC – Florida Public Service Commission

FPUA – Fort Pierce Utilities Authority

FRCC – Florida Reliability Coordinating Council, Inc.

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

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

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

GPON – Gigabit Passive Optical Network is a point-to-multipoint fiber-lean architecture network system which uses passive splitters to deliver signals to multiple users.

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.

GLOSSARY, ABBREVIATIONS & ACRONYMS

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.

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

IP – Internet Protocol

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

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 the average number of momentary interruptions that a customer would experience during a given period (typically a year).

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.

GLOSSARY, ABBREVIATIONS & ACRONYMS

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

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.

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

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

NS1 and NS2 – Primary & Secondary DNS server names.

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

OLT – The Optical Line Terminal is an aggregation device located typically at a Data Center that allows technologies such as GPON and P2P broadband services to be deployed.

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

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.

GLOSSARY, ABBREVIATIONS & ACRONYMS

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 \pm from previous periods.

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 \pm 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.

PSC – Florida Public Service Commission

POA – Purchase Order Authorization

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

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.

GLOSSARY, ABBREVIATIONS & ACRONYMS

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

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

TCEC – Treasure Coast Energy Center

TCMF – Treasure Coast Manatee Foundation

UG – Underground

UPS – Uninterruptible Power Supply

VAC-CON – Vacuum truck used for sewer cleaning.

VAR – Voice Activated Response

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

VoIP – Voice-over Internet Protocol

VPN – Virtual Private Network

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

WRF – Water Reclamation Facility

WTP – Water Treatment Plant

WUP – Water Use Permit

W/WW – Water/Wastewater

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	1.22	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 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>
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	3,622	3,179	3,296	3,348	4,638	5,420
310	349	340	432	344	352	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	\$21,636.69	\$20,112.83	\$20,633.15	\$20,516.14	\$23,742.33	\$24,841.57
\$27.56	\$27.27	\$26.13	\$27.11	\$27.41	\$31.57	\$30.95
\$1.92	\$1.88	\$1.88	\$1.89	\$1.82	\$1.59	\$1.54
\$21.05	\$20.01	\$19.69	\$20.04	\$19.44	\$18.14	\$17.79
\$2.60	\$2.39	\$2.36	\$2.68	\$3.87	\$2.65	\$2.86
\$22.31	\$19.61	\$19.41	\$21.77	\$31.61	\$21.98	\$24.34
\$0.41	\$0.49	\$0.40	\$0.59	\$0.40	\$0.62	\$0.57
\$34.36	\$39.54	\$33.16	\$47.71	\$31.89	\$32.90	\$33.36
\$0.66	\$0.75	\$0.71	\$0.79	\$0.80	\$0.74	\$0.76
\$5.62	\$6.14	\$5.80	\$6.38	\$6.53	\$6.17	\$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
2019	\$ 2,973,396,245	\$ 206,673,280	\$ 11,674,621	\$ 813,001,897	\$ 2,378,742,249
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

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 2020	\$6,276,267	-	2.36%	2.36%	-
FY 2019	\$6,125,454	-	3.00%	-	3.00%
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%

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

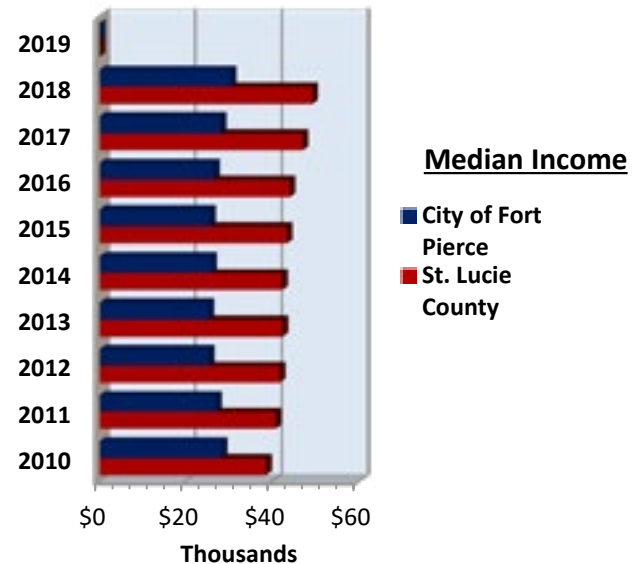
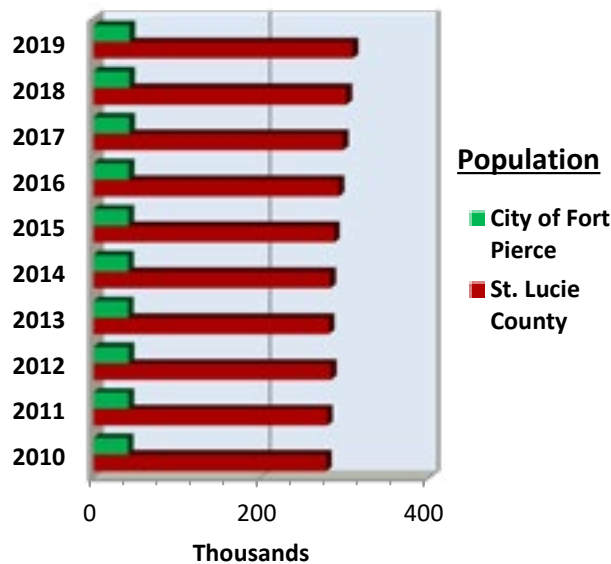
DEMOGRAPHIC STATISTICS - LAST TEN YEARS

	City of Fort Pierce Population ¹	City of Fort Pierce Median Income ²	St. Lucie County Population ¹	St. Lucie County Median Income ²
2019	43,653	N/A	309,359	N/A
2018	43,326	\$30,445	302,432	\$49,373
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

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

² Source Census Bureau American Community Survey <http://factfinder.census.gov>, replaced by United States Census Bureau <https://data.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
2019	N/A	N/A	N/A	N/A	N/A	N/A
2018	16,499	N/A	N/A	2.68	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

Source Census Bureau American Community Survey <http://factfinder.census.gov>, replaced by

United States Census Bureau <https://data.census.gov>

N/A Not Available

