



# FY24 Budget

Laure Whitmer, Director, Budgets



# **JEA** Improving Lives. Building Community. to be the best utility in the nation

## **Our Values**

### **Safety**

We put the physical and emotional wellbeing of people first, both at and away from work.

### **Respect**

We treat others with courtesy and respect, seeking diverse perspectives and helping to bring out the best in everyone.

### **Integrity**

We place the highest standard on ethics and personal responsibility, worthy of the trust our customers and colleagues place in us.

## **Our Strategic Focus Areas**

### **Developing an Unbeatable Team**

because we know employees that are treated well will treat our customers well

### **Delivering Business Excellence**

because we are serious about serving as good stewards of the resources our customers rely on

### **Earning Customer Loyalty**

because our customers count on us for delivering affordable, reliable services

## **Our Strategic Objectives**

### **Foster an Exceptional Work Culture**

Employee Engagement  
Diversity, Equity & Inclusion

### **Deepen Customer & Community Engagement**

Reasonable Rates  
Sound Business Decisions  
Economic Development  
Customer Solutions  
Stakeholder Relationships  
Environmental Stewardship

### **Plan for the Future**

Employee Development  
Long-term Workforce Plan  
New Business Opportunities  
Integrated Resource Plan  
Resilient & Reliable Infrastructure

### **Make Doing Business with JEA Easy**

Technology, Tools & Data  
Governance & Policy Review

# Meeting Financial Objectives

Taking a proactive approach to monitoring of FY2024 O&M spending to achieve strategic objectives

Increased headcounts to support growing needs of the business

Proactive rate adjustments are included to support the continued costs of doing business

Continuous assessment of non-fuel purchased power rate stabilization usage to offset increased costs associated with Plant Vogtle

Growing the District Energy System

Stable financial metrics



# Fiscal Year 2024 Budget Overview

## Sound Financial Decisions

Continued focus on Operating & Maintenance (O&M) spending to achieve strategic objectives

Effective completion of capital projects with increases primarily driven by Electric Fleet Replacement, Eagle Liquefied Natural Gas Substation, Brandy Branch Hot Gas Path Inspection, Greenland Reclamation Facility, Southwest Reclamation Facility Expansion, and Nassau Regional Water Reclamation Facility Expansion, which make up approximately 20% of the capital budget

Fuel and purchased power forecast assumes a return to more steady and lower pricing in FY2024 as compared to end of FY2022 and beginning of FY2023. FY2024 forecasted fuel rates are averaging in the upper \$30's/MWh.

The FY2024 Non-Fuel Purchased Power Budget includes \$197.2 million for Vogtle expenses. A withdrawal of \$15 million from the non-fuel purchased power rate stabilization fund will slightly offset these expenses.

## Reasonable Rates

Electric

**3.75%**

mid year

While load forecast is flat, cost of service continues to increase

Water

**0%**

Load forecast reflects growth at 3.4%

District Energy - Chilled Water

**0%**

Load forecast reflects growth at 14.5%.

FY2024 Budget proposal reflects JEA's commitment to sound business decisions and reasonable rates

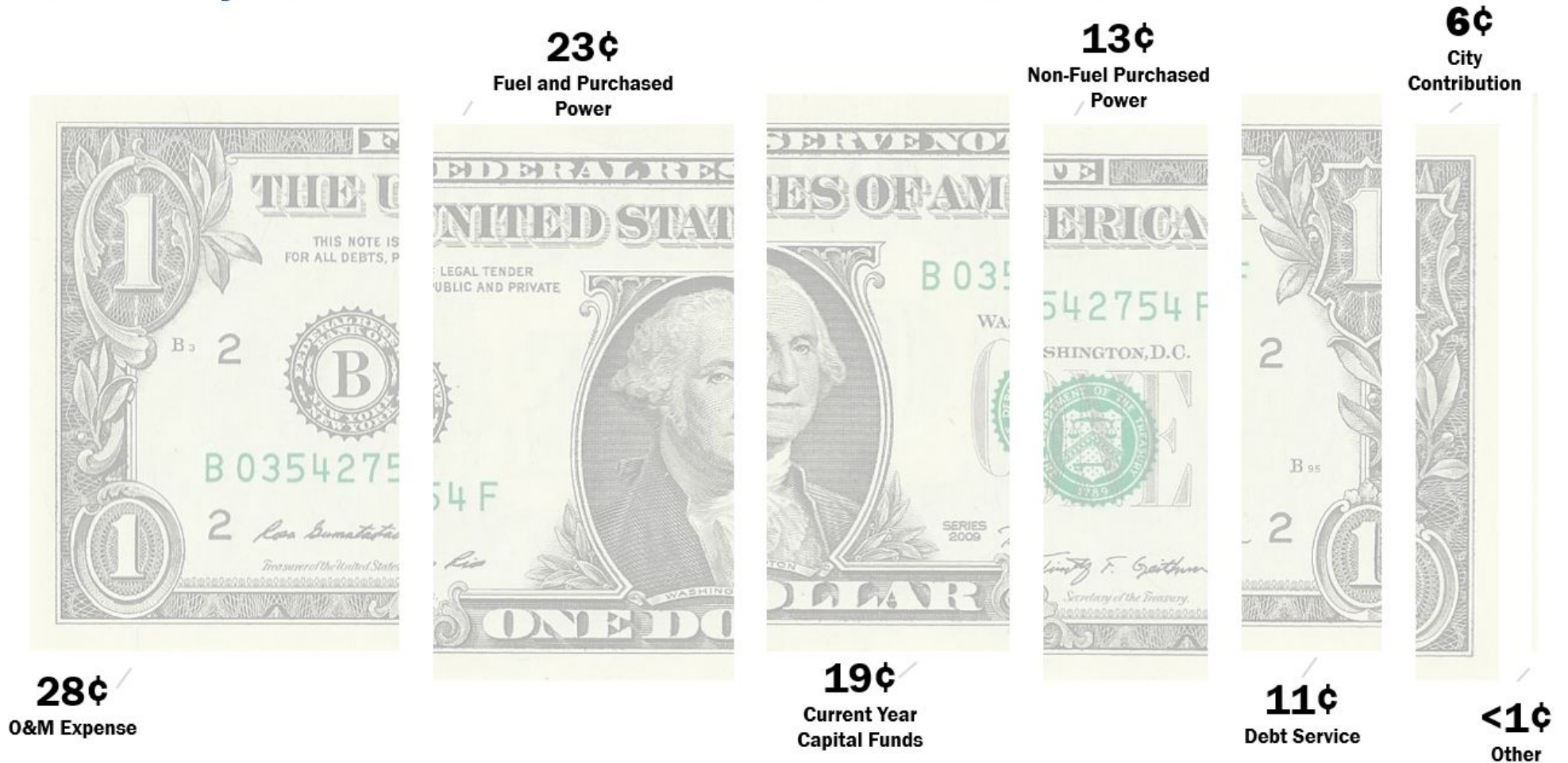
# Consolidated Systems Operating Budget Components



**Total JEA Operating Budget for FY24 \$1.954 Billion**



# For Every Dollar on a Combined Electric and Water Bill



# Electric System Operating Budget Components

**City Contribution**  
Extension of city contribution agreement into FY2024, continuing 1% increase year over year

**Debt Service**  
Principal and interest projected to be \$14M higher than FY2023 budget

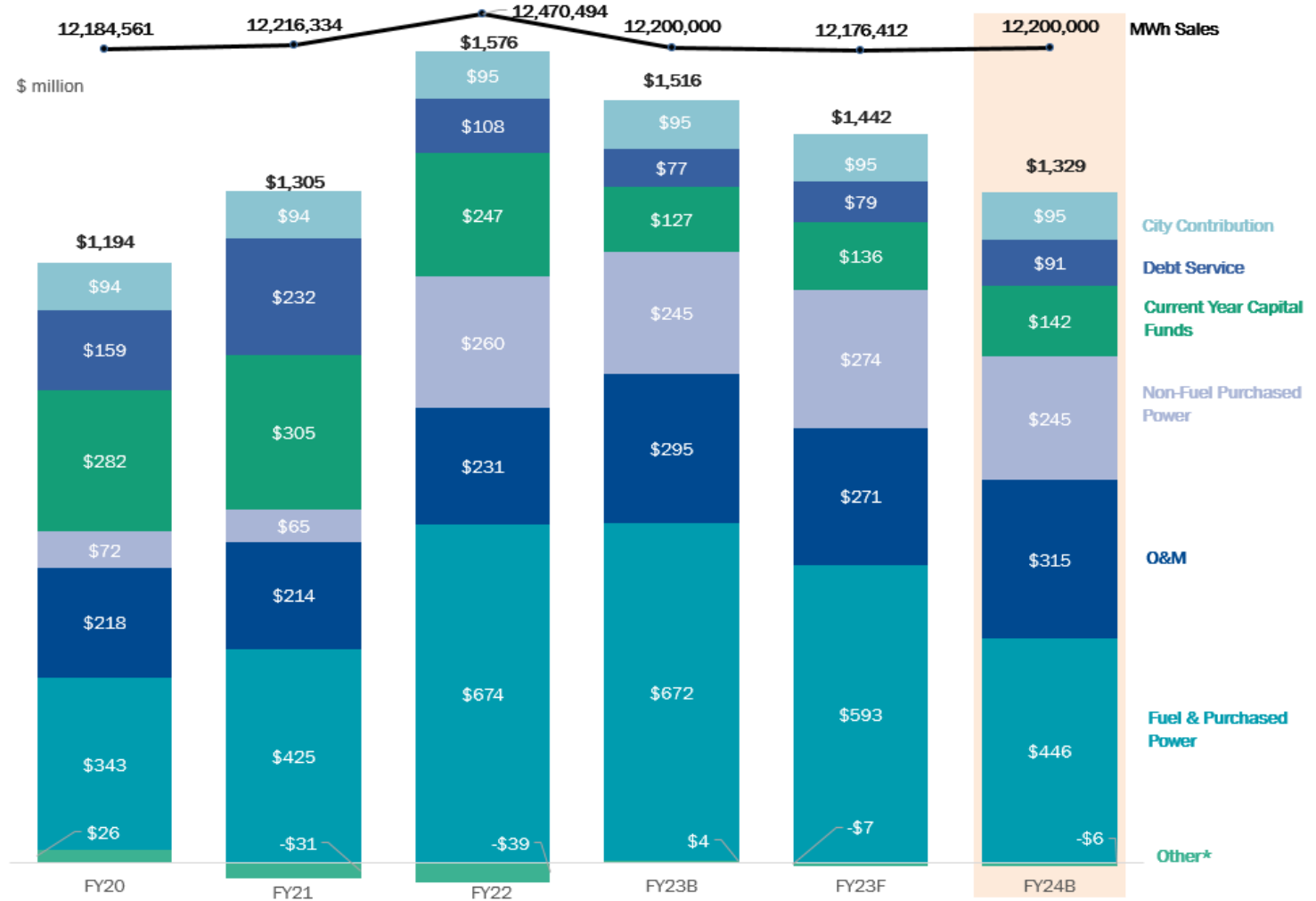
**Current Year Capital Funds**  
Fully funds the FY2024 capital program utilizing current and prior year revenues and requires no new debt

**Non-Fuel Purchased Power**  
Includes MEAG Purchased Power Agreement payments and \$15M withdrawal from non-fuel purchased power rate stabilization

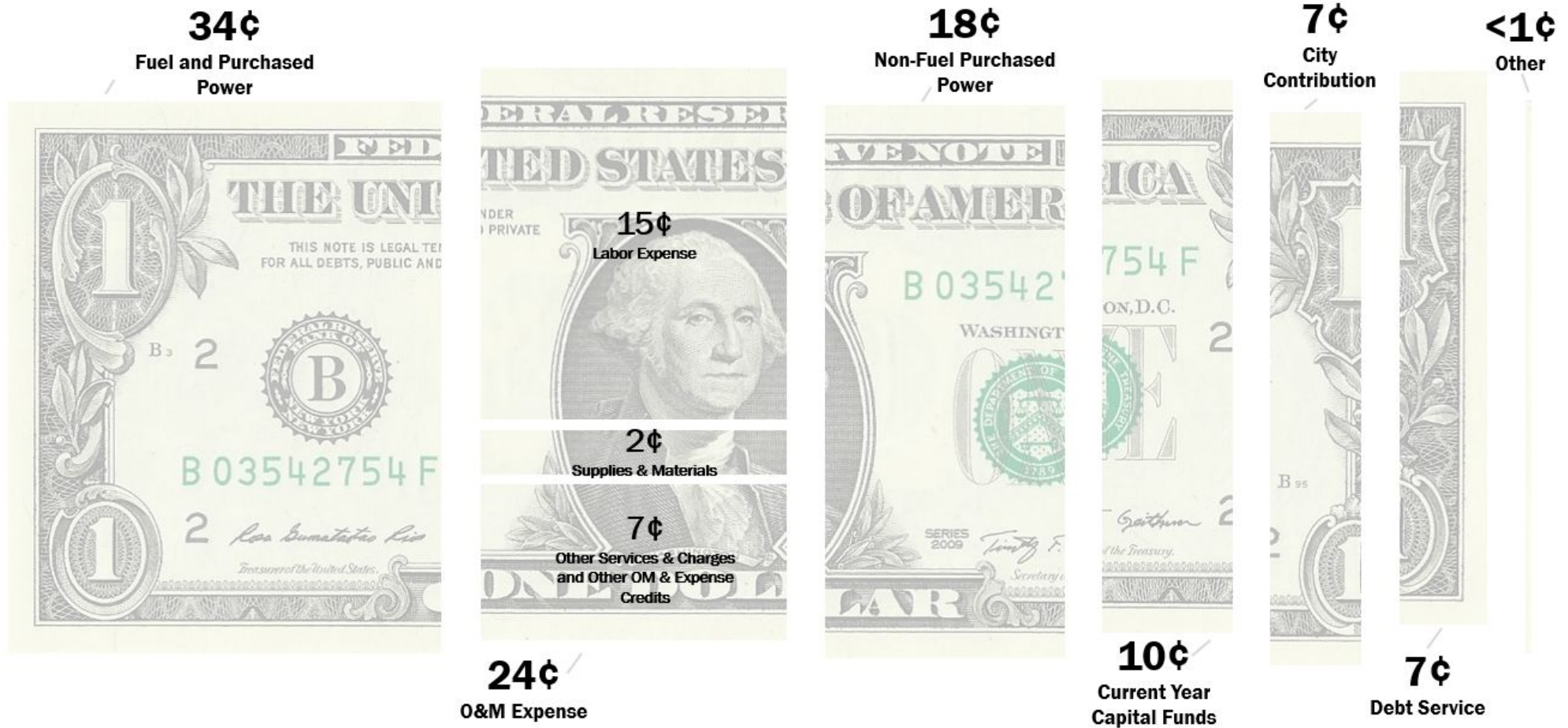
**O&M**  
Includes generating unit outages, credit card convenience fees, continued expense for new headquarters, Kennedy Generating Station remediation deferred from FY2023 to FY2024

**Fuel and Purchased Power**  
Reflects lower fuel and purchased power expenses

**Other**  
Includes Base Uncollectables, use of Environmental and Demand Side Management (DSM) rate stabilization funds, and Public Service Commission fees



## For Every Dollar on an Electric Bill



**Fuel and Purchased Power makes up the majority of the Electric System Operating Budget**



# Water System Operating Budget Components

### City Contribution

Extension of city contribution agreement into FY2024, continuing 1% increase year over year

### Debt Service

Principal and interest projected to be \$17M higher than FY2023 budget

### Current Year Capital Funds

Partially funds the FY2024 capital program. FY2024 new money debt issuance forecasted at \$352.6M

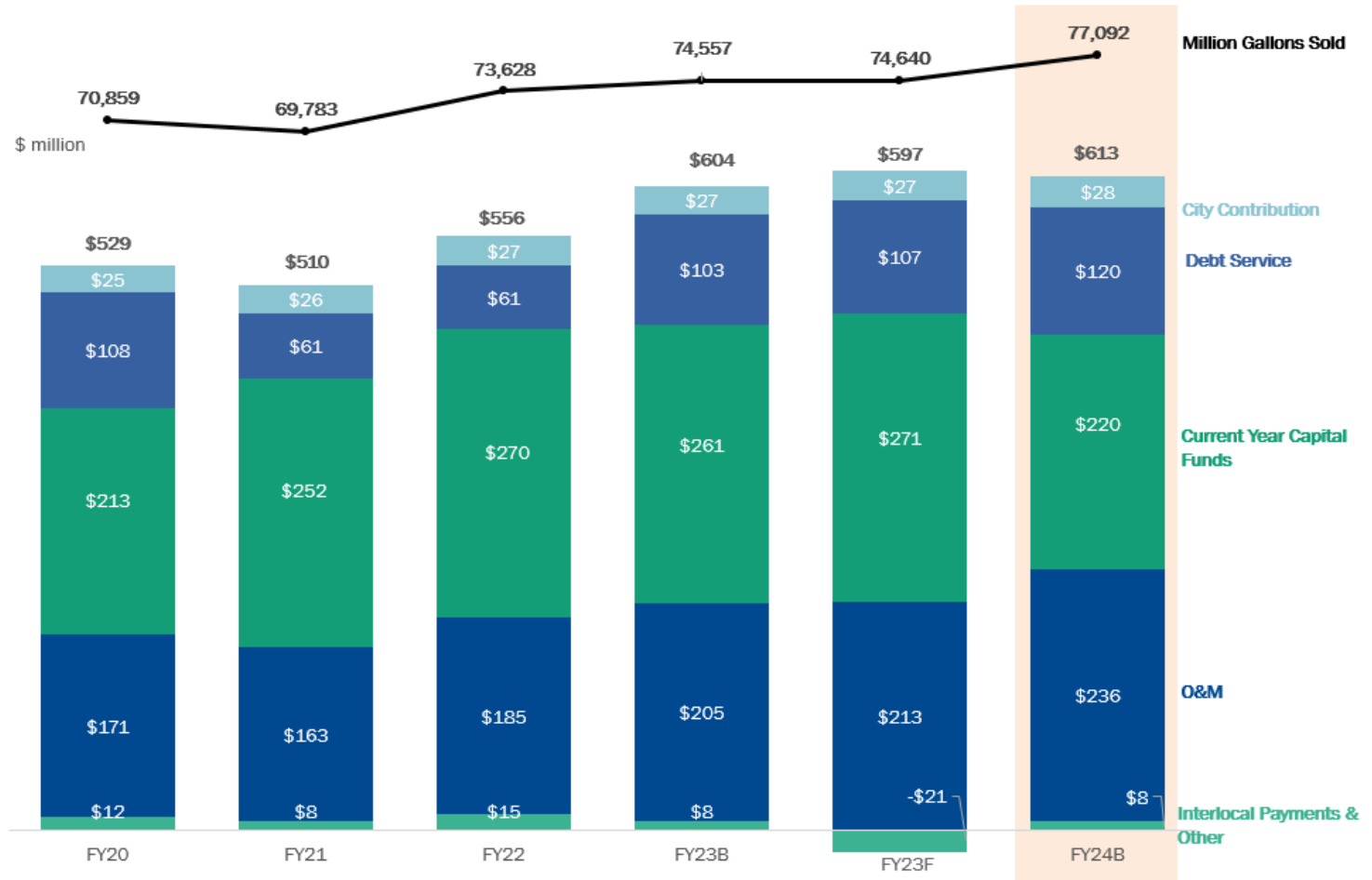
### O&M

Includes salaries, benefits, materials, supplies, and funding other services and charges such as professional and industrial services

### Interlocal Payments & Other

Interlocal payments include annual payments to Clay County, St. Johns County and Cost Participation agreement with St Johns River Water Management District – Black Creek Project

Other includes uncollectables



# For Every Dollar on a Water Bill



**O&M expense makes up the majority of the Water System Operating Budget**



# Requested Action

Approve the proposed operating and capital budgets for FY2024

Authorize staff to transmit the recommended budgets to the Jacksonville City Council for final action by July 1, 2023

Authorize staff to transmit the Five-Year Capital Improvement Program as required by the City of Jacksonville Planning Department

Authorize the Managing Director/CEO to adjust the budget, as needed, within the total approved budget amounts for each system

**Staff seeks Board approval for the FY2024 budget**



**BOARD RESOLUTION: 2023-26**

June 27, 2023

**A RESOLUTION BY THE BOARD ADOPTING THE RECOMMENDATION OF THE FINANCE AND OPERATIONS COMMITTEE TO APPROVE THE PROPOSED FISCAL YEAR 2024 OPERATING AND CAPITAL BUDGETS; AUTHORIZING THE MANAGING DIRECTOR/CHIEF EXECUTIVE OFFICER, OR DESIGNEE, TO SUBMIT THE PROPOSED BUDGET TO THE CITY OF JACKSONVILLE; PROVIDING FOR CORRECTION OF ERRORS; AND PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, in accordance with Section 21.07 of the JEA Charter, JEA shall prepare and submit its budget for the ensuing year to the City of Jacksonville on or before July 1 of each year; and

**WHEREAS**, JEA staff has prepared fiscal year operating and capital budgets for JEA’s Electric System, Water System, and District Energy System (collectively, the “Budgets”), attached hereto as Exhibit “A” and incorporated herein; and

**WHEREAS**, the proposed Budgets were reviewed and recommended for Board approval by the Finance and Operations Committee (Committee) on June 23, 2023; and

**WHEREAS**, Staff requests that the Board adopt the Committee’s recommendation, approve the proposed Budgets, and authorize the Budgets to be submitted to the City of Jacksonville for final action.

**BE IT RESOLVED** by the JEA Board of Directors that:

1. The recitals stated above are hereby incorporated into and made part of this Resolution, and such recitals shall serve as findings of fact.
2. The Board hereby adopts the Committee’s recommendation and approves the Budgets in substantially the form and format attached hereto.
3. The Managing Director/Chief Executive Officer, or designee, is authorized to submit the Budgets to the City of Jacksonville for final action.
4. To the extent that there are any typographical, administrative, and/or scrivener’s errors contained herein that do not change to tone, tenor or purpose of this Resolution, then such errors may be corrected with no further action required by the Board.
5. This Resolution shall be effective upon approval by the Board.

Dated this 27<sup>th</sup> day of June, 2023.

\_\_\_\_\_  
JEA Board Chair

\_\_\_\_\_  
JEA Board Secretary

Form Approved by

\_\_\_\_\_  
Office of General Counsel

VOTE	
In Favor	
Opposed	
Abstained	

**JEA  
CONSOLIDATED OPERATING BUDGET  
FISCAL YEAR 2024**

	<b>Electric System</b>	<b>Water System</b>	<b>District Energy System</b>	<b>Total</b>
<b>FUEL RELATED REVENUES &amp; EXPENSES:</b>				
<b>FUEL REVENUES:</b>	\$ 446,124,788	\$ -	\$ -	\$ 446,124,788
Total Net Revenues	<u>\$ 446,124,788</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 446,124,788</u>
<b>FUEL EXPENSES:</b>	\$ 446,124,788	\$ -	\$ -	\$ 446,124,788
Fuel & Purchased Power	<u>\$ 446,124,788</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 446,124,788</u>
<b>FUEL SURPLUS/(DEFICIT)</b>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>BASE RELATED REVENUES &amp; EXPENSES</b>				
<b>BASE OPERATING REVENUES:</b>				
Base Rate Revenues	\$ 821,792,000	\$ 491,982,718	\$ 12,561,440	\$ 1,326,336,158
Environmental Charge Revenue	-	-	-	-
Conservation Charge & Demand Side Revenue	-	-	-	-
Other Revenues	41,207,575	18,369,380	-	59,576,955
Natural Gas Pass Through Revenue	1,130,738	-	-	1,130,738
Total Base Related Revenues	<u>\$ 864,130,313</u>	<u>\$ 510,352,098</u>	<u>\$ 12,561,440</u>	<u>\$ 1,387,043,851</u>
<b>BASE OPERATING EXPENSES:</b>				
Operating and Maintenance	\$ 290,294,396	\$ 236,127,787	\$ 5,839,564	\$ 532,261,747
Environmental	16,684,000	-	-	16,684,000
Conservation & Demand-side Management	6,918,790	-	-	6,918,790
Natural Gas Pass Through Expense	1,295,200	-	-	1,295,200
Non-Fuel Purchased Power	245,185,816	-	-	245,185,816
Non-Fuel Uncollectibles & PSC Tax	1,769,039	983,965	-	2,753,004
Emergency Reserve	-	-	-	-
Total Base Related Expenses	<u>\$ 562,147,241</u>	<u>\$ 237,111,752</u>	<u>\$ 5,839,564</u>	<u>\$ 805,098,557</u>
<b>BASE OPERATING INCOME:</b>	<u>\$ 301,983,072</u>	<u>\$ 273,240,346</u>	<u>\$ 6,721,876</u>	<u>\$ 581,945,294</u>
<b>NON-OPERATING REVENUE:</b>				
Investment Income	18,602,575	4,745,432	-	23,348,007
Transfer To/From Fuel Recovery	-	-	-	-
Capacity Fees	-	97,624,133	-	97,624,133
Total Non Operating Revenues	<u>\$ 18,602,575</u>	<u>\$ 102,369,565</u>	<u>\$ -</u>	<u>\$ 120,972,140</u>
<b>NON-OPERATING EXPENSES:</b>				
Debt Service	91,134,660	119,699,774	3,884,242	214,718,676
Demand-side Management - Rate Stabilization	-6,203,870	-	-	-6,203,870
Environmental - Rate Stabilization	-1,323,637	-	-	-1,323,637
Total Non Operating Expenses	<u>\$ 83,607,153</u>	<u>\$ 119,699,774</u>	<u>\$ 3,884,242</u>	<u>\$ 207,191,169</u>
<b>BASE INCOME BEFORE TRANSFERS</b>	<u>\$ 236,978,494</u>	<u>\$ 255,910,137</u>	<u>\$ 2,837,634</u>	<u>\$ 495,726,265</u>
City Contribution Expense	95,209,531	28,439,210	-	123,648,741
Interlocal Payments	-	7,218,740	-	7,218,740
Renewal and Replacement Fund	69,775,738	31,573,680	632,991	101,982,409
Operating Capital Outlay	71,993,225	66,039,093	2,204,643	140,236,961
Environmental Capital Outlay	-	25,015,281	-	25,015,281
Capacity Fees	-	97,624,133	-	97,624,133
Operating Contingency	-	-	-	-
Total Non-Fuel Expenses	<u>\$ 236,978,494</u>	<u>\$ 255,910,137</u>	<u>\$ 2,837,634</u>	<u>\$ 495,726,265</u>
<b>SURPLUS/(DEFICIT)</b>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>TOTAL REVENUES</b>	<u>\$ 1,328,857,676</u>	<u>\$ 612,721,663</u>	<u>\$ 12,561,440</u>	<u>\$ 1,954,140,779</u>
<b>TOTAL APPROPRIATIONS</b>	<u>\$ 1,328,857,676</u>	<u>\$ 612,721,663</u>	<u>\$ 12,561,440</u>	<u>\$ 1,954,140,779</u>
BUDGETED EMPLOYEE POSITIONS	1,646	750	6	2,402
BUDGETED TEMPORARY HOURS	104,000	20,800	0	124,800



**JEA  
CONSOLIDATED CAPITAL BUDGET  
FISCAL YEAR 2024**

	<b>Electric System</b>	<b>Water System</b>	<b>District Energy System</b>	<b>Total</b>
<b>CAPITAL FUNDS:</b>				
Renewal & Replacement Deposits	\$ 69,775,738	\$ 31,573,680	\$ 632,991	\$ 101,982,409
Operating Capital Outlay	71,993,225	66,039,093	2,204,643	140,236,961
Environmental Capital Outlay	-	25,015,281	-	25,015,281
Capacity Fees	-	97,624,133	-	97,624,133
Debt Proceeds	-	294,220,813	13,945,366	308,166,179
Other Proceeds	129,155,037	-	-	129,155,037
Total Capital Funds	<u>\$ 270,924,000</u>	<u>\$ 514,473,000</u>	<u>\$ 16,783,000</u>	<u>\$ 802,180,000</u>
<b>CAPITAL PROJECTS:</b>				
Generation Projects	\$ 48,084,000	\$ -	\$ -	\$ 48,084,000
Transmission & Distribution Projects	160,727,000	-	-	160,727,000
District Energy Projects	-	-	16,783,000	16,783,000
Water Projects	-	133,995,000	-	133,995,000
Sewer Projects	-	332,425,000	-	332,425,000
Other Projects	62,113,000	48,053,000	-	110,166,000
Total Capital Projects Subtotal	<u>\$ 270,924,000</u>	<u>\$ 514,473,000</u>	<u>\$ 16,783,000</u>	<u>\$ 802,180,000</u>
Capital Reserve	-	-	-	-
Total Capital Projects	<u>\$ 270,924,000</u>	<u>\$ 514,473,000</u>	<u>\$ 16,783,000</u>	<u>\$ 802,180,000</u>

**JEA**  
**Five Year Capital Improvement Program**  
**Fiscal Years 2024-2028**  
 (\$000'S Omitted)

<u>Project Title</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>FY2027</u>	<u>FY2028</u>	<u>Project Total</u>
Electric System Generation	48,084	58,606	62,527	217,934	337,642	724,793
Electric System Transmission and Distribution	160,727	200,846	200,798	166,101	187,758	916,230
Electric System Other	62,113	45,841	44,036	42,236	40,201	234,427
<b>Total</b>	<b><u>\$270,924</u></b>	<b><u>\$305,293</u></b>	<b><u>\$307,361</u></b>	<b><u>\$426,271</u></b>	<b><u>\$565,601</u></b>	<b><u>\$1,875,450</u></b>
Water Treatment and Distribution	133,995	221,652	188,045	109,558	92,938	746,188
Sewer, Wastewater, and Reclaimed	332,425	536,129	606,801	552,125	677,719	2,705,199
Water Other Capital	48,053	37,290	40,302	40,510	36,380	202,535
<b>Total</b>	<b><u>\$514,473</u></b>	<b><u>\$795,071</u></b>	<b><u>\$835,148</u></b>	<b><u>\$702,193</u></b>	<b><u>\$807,037</u></b>	<b><u>\$3,653,922</u></b>
District Energy System	<b><u>\$16,783</u></b>	<b><u>\$22,224</u></b>	<b><u>\$24,101</u></b>	<b><u>\$10,913</u></b>	<b><u>\$9,813</u></b>	<b><u>\$83,834</u></b>

**JEA  
ST. JOHNS RIVER POWER PARK (SJRPP)  
AND PLANT SCHERER (SCHERER)  
OPERATING AND CAPITAL BUDGET  
FISCAL YEAR 2024**

	<b>SJRPP</b>	<b>SCHERER</b>
<b>OPERATING BUDGET:</b>		
<b>Revenue:</b>		
Operating Revenue from JEA	\$ 21,440,862	\$ 13,418,744
<b>Expenses:</b>		
Fuel and O & M	\$ -	\$ 7,000,000
Transmission	-	-
Debt Service	19,058,544	3,418,744
Renewal & Replacement	2,382,318	3,000,000
Total Expenses	<u>\$ 21,440,862</u>	<u>\$ 13,418,744</u>
<b>CAPITAL BUDGET :</b>		
	<u>\$ -</u>	<u>\$ -</u>

MWHs Purchased by JEA Electric System

Notes: Scherer Unit 4 was retired as of January 1, 2022.

SJRPP was decommissioned as of January 5, 2018.

6/16/2023

**Electric FY24-FY28**

Electric Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
<b>GENERATION</b>						
Brandy Branch Generating - CT1 Hot Gas Path Inspection	6,670	0	0	0	0	6,670
Shands Bridge Expansion - Greenland Line Section Replacement	4,427	0	0	0	0	4,427
Brandy Branch Generating - CT1 Rotor Replacement	3,974	0	0	0	0	3,974
Northside Generating - N02 HP/IP and Generator Overhaul	3,404	0	0	0	0	3,404
Greenland Energy - 1X1 Combined Cycle Addition	3,000	3,000	27,000	184,000	322,000	539,000
Brandy Branch Generating - B50 - Turbine Parts Warehouse	2,804	0	0	0	0	2,804
Northside Generating - Intake and Discharge Flume Concrete Repair	2,272	830	0	0	0	3,102
Northside Generating - N00 - Biomass Truck Dumper	2,001	169	0	0	0	2,171
Northside Generating - Generation Support Capital Improvements	2,000	4,000	4,000	4,000	4,000	18,000
Northside Generating - Energy Project Management Capital Improvement	1,500	6,000	6,000	6,000	6,000	25,500
Northside Generating - N02 Duct Burner Overhaul	1,496	0	0	0	0	1,496
Northside Generating - N02 Grid Floor Nozzle Replacement	1,480	0	0	0	0	1,480
Northside Generating - N00 6 Fuel Oil Tank Farm Electric Heat Tracing	1,304	0	0	0	0	1,304
Northside Generating - N02 Fuel Feeder Replacement	1,279	0	0	0	0	1,279
Greenland Energy - G61 and G62 Silencer Replacement	1,157	5,808	0	0	0	6,964
Northside Generating - N00 - Permanent Limestone Crushers	1,139	0	0	0	0	1,139
Brandy Branch Generating - B50 Standby Diesel Generator Integration	1,102	0	0	0	0	1,102
Brandy Branch Generating - General Capital Improvements	1,000	2,000	2,000	2,000	2,000	9,000
Northside Generating - N00 Nitrogen and Dry Air Layup System	999	0	0	0	0	999
Northside Generating - N03 - Boiler Convection East Side Water Wall Replacement	974	0	0	0	0	974
Northside Generating - N00 - Caterpillar Front End Loader Replacement	737	0	0	0	0	737
Greenland Energy - Excitation Controls and Static Starter System Upgrade	732	405	0	0	0	1,137
Northside Generating - N00 - Material Handling / By Products Building	640	1,884	0	0	0	2,524
Northside Generating - N03 - Economizer Inlet Shutoff Valve Replacement	419	0	0	0	0	419
Northside Generating - N34 Electrical Equipment Upgrades	414	0	0	0	0	414
Northside Generating - N02 - SDA Conveyors Replacement	251	0	0	0	0	251
Kennedy Generating - CT7 - Relay Replacement	170	60	0	0	0	230
Greenland Energy - CT1 Hot Gas Path Inspection	150	7,216	0	0	0	7,366
Greenland Energy - CT2 Hot Gas Path Inspection	150	7,216	0	0	0	7,366
Northside Generating - N01 HP/IP, Generator, Valves, and Actuators Overhaul	143	3,673	0	0	0	3,817
Northside Generating - N02-2B - Gathering Conveyor Chain Upgrade	137	0	0	0	0	137
Brandy Branch Generating - Vibration Monitoring System Upgrade at Various Plants	70	0	0	0	0	70
Northside Generating - N01 - C Crossover Expansion Joint Replacement	64	445	0	0	0	508
Kennedy Generating - K37 - 480V Switchgear Replacement	27	732	0	0	0	759
Kennedy Generating - CT8 Hot Gas Path Inspection	0	7,554	0	0	0	7,554
Northside Generating - CT5 Major Inspection	0	2,800	0	0	0	2,800
Northside Generating - Byproduct Storage Area II	0	1,800	11,855	5,626	0	19,281
Greenland Energy - Compression Upgrade to Greenland Pipeline - New Generating Capacity	0	1,000	6,000	0	0	7,000
Northside Generating - N35 Electrical Equipment Upgrades	0	974	0	0	0	974
Kennedy Generating - K37 - Exhaust Diffuser Replacement	0	530	0	0	0	530
Brandy Branch Generating - B52, B53 Catalyst Replacement	0	500	439	0	0	939
Northside Generating - N36 Electrical Equipment Upgrades	0	10	1,046	0	0	1,056
Northside Generating - N36 Turbine Major and Generator Overhaul	0	0	2,853	0	0	2,853
Northside Generating - N03 Furnace Rear Waterwall Arch Tube Replacement	0	0	573	1,257	0	1,831
Brandy Branch Generating - CT2 Hot Gas Path Inspection	0	0	300	6,156	0	6,456

6/16/2023

**Electric FY24-FY28**

Electric Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
Brandy Branch Generating - CT3 Hot Gas Path Inspection	0	0	300	6,156	0	6,456
Northside Generating - N03 Generator and Turbine Valve Overhaul	0	0	125	1,642	0	1,767
Northside Generating - N03 Boiler Feed Pump Turbine Overhaul	0	0	35	1,096	0	1,131
Northside Generating - N33 - Turbine Major and Generator Overhaul	0	0	0	0	2,992	2,992
Northside Generating - N01 - Generator, Valves, and Actuators Overhaul	0	0	0	0	325	325
Northside Generating - N02 - Valves and Actuators Overhaul	0	0	0	0	325	325
<b>GENERATION SUBTOTAL</b>	<b>48,084</b>	<b>58,606</b>	<b>62,527</b>	<b>217,934</b>	<b>337,642</b>	<b>724,793</b>
<b>TRANSMISSION AND DISTRIBUTION</b>						
Electric Distribution Maintenance Capital Upgrades	13,100	13,100	13,100	13,100	13,100	65,500
Customer Order Management - New Electric Service Additions	12,500	13,000	13,500	14,000	14,500	67,500
Customer Order Management - Development Driven Projects	10,250	10,750	11,250	11,750	12,250	56,250
Eagle LNG 138-138 kV Substation	7,000	1,117	0	0	0	8,117
Westside 230kV Transmission Corridor and Substation Site Acquisition	5,650	0	0	0	0	5,650
College St Substation 132kV Switchgear Replacement	5,416	351	0	0	0	5,767
Pole Replacement Program	4,800	4,800	4,800	4,800	4,800	24,000
SJRPP 230 - 26kV Substation	4,007	2,102	0	0	0	6,109
Real Estate - GEC to Mayo Sub 230kV - Transmission Corridor Purchase	3,692	0	0	0	0	3,692
Imeson 138-26kV T2 Procurement	3,576	167	0	0	0	3,743
Real Estate - Franklin Substation - Property Acquisition	3,350	50	0	0	0	3,400
General Underground Network and Commercial - Repair and Replace	3,100	3,100	3,100	3,100	3,100	15,500
Real Estate - Pecan Park Area 138-26kV Substation site - Property Acquisition	3,100	100	0	0	0	3,200
Imeson Sub 138-26kV T2 Addition - Distribution	3,030	300	0	0	0	3,330
CEMI-5 Electric Distribution Betterment	3,000	3,000	3,000	3,000	3,000	15,000
Real Estate - Maxville Area 230-26kV Substation Site - Property Acquisition	2,950	50	0	0	0	3,000
Beeghly Circuit 394 New Feeder Addition	2,480	0	0	0	0	2,480
Electric Meters - Replacement	2,300	2,300	2,300	2,300	2,300	11,500
Kennedy Substation Control Cable and Protection System Replacement	2,208	30	0	0	0	2,238
Electric Meters - Growth	2,150	2,150	2,150	2,150	2,150	10,750
Transmission and Substation Class Circuit Breaker Replacement Program	2,031	2,234	2,458	2,704	2,975	12,402
Joint Participation Electric Relocation Projects	2,000	2,000	2,000	2,000	2,000	10,000
Underground Network Improvement Plan	1,988	1,988	0	0	0	3,976
Beeghly 393 Overhead Feeder Extension - Arnold Rd	1,796	0	0	0	0	1,796
Electric Distribution System Improvements	1,720	1,750	1,780	1,833	1,888	8,971
Normandy Substation - New Control House	1,700	196	0	0	0	1,896
138kV / 230kV Fulton Cut Replacement	3,829	27,431	11,234	0	0	42,494
26kV Feeder Circuit Breaker Replacement	1,607	1,536	1,536	754	754	6,187
Steelbald T4 Spare Transformer Addition for CMC Steel	1,486	1,650	0	0	0	3,136
Circuit 650 UG 69kV Reconductor Project	1,452	1,229	0	0	0	2,680
Greenland Energy to Mayo 230kV Circuit 950 Addition	1,350	8,500	6,050	300	0	16,200
Westlake 333 Cisco Dr Reconductor	1,335	0	0	0	0	1,335
Circuit 684S Pipe-Type Cable Replacement	1,330	0	0	0	0	1,330
Real Estate Services - Dunn Creek Sub Property Acquisition	1,300	0	0	0	0	1,300
West Jax 230/69 kV Substation Reliability Improvement	1,259	0	0	0	0	1,259
Real Estate - Solar PV - Forest Trail RE Acquisition - Transmission Corridor	1,250	0	0	0	0	1,250
Distribution System - Pole Removal	1,200	1,200	1,200	1,200	1,200	6,000
SJRPP Substation Distribution Feeders	1,098	0	0	0	0	1,098



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Electric FY24-FY28

Electric Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
Mayo 230-138-26kV Substation	1,037	0	0	0	0	1,037
McDuff Substation 4kV Circuits 4, 6, and 9 Relocation	1,017	0	0	0	0	1,017
Mayo Substation 230 kV Addition - Phase 2	1,012	1,400	1,858	200	0	4,470
Georgia St 13kV Substation Expansion	1,000	2,800	200	0	0	4,000
Substation Repair and Replace Projects - Transformer Replacements	1,000	1,000	1,400	1,400	1,400	6,200
Real Estate - North Jacksonville Transmission Corridor Acquisition	1,000	0	0	0	0	1,000
Firestone Circuit 323 and Jax Heights Circuits 315, 318 Feeder Extensions	962	2,280	161	0	0	3,403
Solar PV - Miller 1 New 230kV Switchyard - Substation	900	6,300	8,800	0	0	16,000
Solar PV - Miller 2 New 230kV Switchyard - Substation	900	6,300	8,800	0	0	16,000
Solar PV - Peterson 1 New 230kV Switchyard - Substation	900	6,300	8,800	0	0	16,000
Solar PV - Peterson 2 New 230kV Switchyard - Substation	900	6,300	8,800	0	0	16,000
St Johns 4kV Substation Rebuild	900	4,418	300	0	0	5,618
Eagle LNG 138kV Circuit 847 Interconnect	804	0	0	0	0	804
General Substation Improvements	800	800	800	800	800	4,000
Lane 437 Reconductor	800	0	0	0	0	800
Automatic Recloser Deployment	750	750	750	750	750	3,750
General Distribution Improvements	750	750	750	750	750	3,750
Eagle LNG 138-138 kV Substation - Protection and Controls	700	200	0	0	0	900
Pipe-Type Cable Pumping Skid Control Panel Replacement	676	469	0	0	0	1,145
Dinsmore 489 Lannie Rd Reconductor	650	100	0	0	0	750
Georgia Street Pipe Type Cable Pump Plant Replacement	598	0	0	0	0	598
Mayo Substation - 138kV Transmission Interconnects	588	0	0	0	0	588
Circuit 830 Static Wire Replacement	522	0	0	0	0	522
Transmission Line Relay Replacement Project	511	602	345	583	349	2,389
Nocatee T2 Circuit 239, 240, 241 Addition	500	5,092	500	0	0	6,092
Underground Cable Replacement Program - Existing Developments	500	500	500	500	500	2,500
4kV Rehab - Distribution Projects	500	500	500	500	500	2,500
Substation RTU Replacements - D20 to RTAC	500	500	500	500	500	2,500
Transmission Insulator Replacement	500	500	500	500	500	2,500
Merrill Rd T1 Replacement and 2 Feeder Breaker Additions - Substation	500	400	2,100	0	0	3,000
Transmission Outdoor Potential Device Replacement	494	417	551	0	0	1,462
Kennedy TP7SU 69/4 kV Transformer Replacement	477	390	0	0	0	867
Georgia St 13kV Expansion - Distribution	450	1,260	90	0	0	1,800
230 kV _ 138kV _ 69 kV Pole Refurbishment	450	450	450	450	450	2,250
Electric Meters - kVAR Meter Initiative	450	450	450	450	0	1,800
Merrill Rd 477 and 478 New Feeder Breaker Additions - Distribution	440	300	1,460	0	0	2,200
Water Street Substation Compressor Replacement	386	0	0	0	0	386
New Nocatee T-2 TX	380	4,118	350	0	0	4,848
Georgia St 170 Distribution Feeder Addition	380	0	0	0	0	380
Georgia St 13kV Underground Distribution Survey	360	2,640	0	0	0	3,000
Circuit 825 Static Wire Replacement	331	0	0	0	0	331
West Jax T1 230/69 kV Autotransformer Replacement	329	0	0	0	0	329
CCCN New 371 Circuit Addition - Distribution	300	1,100	0	0	0	1,400
General Transmission Improvements	300	300	300	300	300	1,500
Circuit 645 UG 69kV Cable Replacement Project - PART A	256	0	0	0	0	256
Normandy Substation - Protection Improvements	252	728	0	0	0	980
Capital Tools and Equipment - Underground Network and Service Centers	231	231	231	231	231	1,155

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**Electric FY24-FY28**

Electric Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
Imeson 26kV Circuit 493 Substation Breaker and Cap Bank Addition	228	0	0	0	0	228
Starratt 138-26kV T2 and Circuit 368, 369 Addition - Substation	210	600	4,108	0	0	4,918
Greenland Energy 230kV Bay and Breaker Addition for Circuit 950	200	700	500	100	0	1,500
Ribault 26 kV Circuit 452 Addition	190	0	0	0	0	190
Circuit 645 UG 69kV Cable Replacement Project - PART B	186	0	0	0	0	186
Ribault 138-26 kV T2 and Circuit Breaker 452 Addition	181	0	0	0	0	181
Mayo 230-138-26kV Substation - Protection and Controls	180	0	0	0	0	180
West Jax 230/69 kV Substation Reliability Improvement - Protection and Controls	175	237	0	0	0	412
Transmission Circuit 830 Structures 30, 31, 32, 42, 43, and 44 - Replacement	166	0	0	0	0	166
Oakwood Villa Circuit 555 Feeder Addition - Distribution	163	808	200	0	0	1,170
Distribution Breaker Telemetry Enhancements	160	110	0	0	0	270
Hartley Rd Substation - T1 Transformer Replacement	151	2	628	1,378	0	2,159
Paxon Substation - T1 Transformer Replacement	151	2	628	1,378	0	2,159
Hartley Rd Substation - T2 Transformer Replacement	151	2	504	1,501	0	2,159
Starratt 138-26kV T2 and Circuit 368, 369 Addition - Protection and Controls	150	645	110	0	0	905
General Protection System Improvements Transmission	150	150	150	150	150	750
Transmission Capacitor Bank Controls Replacement	150	138	0	0	0	288
CIP SEL-3355 Hardware Replacement	150	0	0	0	0	150
SJRPP 230 - 26kV Distribution Substation - Protection and Controls	130	620	0	0	0	750
Energy Management System - Base Upgrade Project	130	130	130	265	130	785
Solar PV - Miller 1 New 230kV Switchyard - Protection and Controls	125	620	255	0	0	1,000
Solar PV - Miller 2 New 230kV Switchyard - Protection and Controls	125	620	255	0	0	1,000
Solar PV - Peterson 1 New 230kV Switchyard - Protection and Controls	125	620	255	0	0	1,000
Solar PV - Peterson 2 New 230kV Switchyard - Protection and Controls	125	620	255	0	0	1,000
Imeson Sub 138-26kV T2 Addition - Protection and Controls	124	40	0	0	0	164
Circuit 696 UG 69kV Reconductor Project	123	10	12	1,239	0	1,384
Circuit 693 UG 69kV Reconductor Project	123	10	12	1,005	0	1,150
College 13kV 135 and 174 Feeder Additions - Distribution	120	1,800	240	0	0	2,160
Ribault 451 Norfolk Blvd Reconductor	120	750	0	0	0	870
Greenland Energy 230kV Bay and Breaker Addition for Circuit 950 - Protection and Controls	120	300	200	70	0	690
Oakwood Villa Circuit 555 Feeder Breaker Addition - Substation	113	175	6	0	0	294
Steelbald Substation Equipment Upgrades	106	0	0	0	0	106
Solar PV - Miller 1 New 230kV Switchyard - Transmission	105	60	1,335	0	0	1,500
Solar PV - Miller 2 New 230kV Switchyard - Transmission	105	60	1,335	0	0	1,500
Solar PV - Peterson 1 New 230kV Switchyard - Transmission	105	60	1,335	0	0	1,500
Solar PV - Peterson 2 New 230kV Switchyard - Transmission	105	60	1,335	0	0	1,500
Ribault 138-26 kV T2 and Circuit 452 Addition - Protection and Controls	105	0	0	0	0	105
Future New Substation Placeholder	100	12,000	12,000	7,000	4,000	35,100
Future New Transmission Placeholder	100	6,000	6,000	4,000	3,000	19,100
Future New Distribution Placeholder	100	4,000	4,000	4,000	4,000	16,100
Georgia St 13kV Substation Expansion - Protection and Controls	100	280	20	0	0	400
OM - General Transmission Improvements	100	100	100	100	100	500
Mayo Substation Distribution Feeders	100	0	0	0	0	100
Capital Tools and Equipment - Transmission and Substation Maintenance	80	80	80	80	80	400
Mayo Substation 230 kV Addition - Phase 2 - Protection and Controls	75	75	125	75	0	350
Circuit 690 UG 69kV Reconductor Project	74	308	647	0	0	1,029
Dinsmore Solar Feeders 423, 424 - Phase 2	60	3,509	0	0	0	3,569

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Electric FY24-FY28

Electric Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
Overhead-Underground Conversion in Neighborhoods	60	60	60	60	60	300
Circuit 680 UG 69kV Reconductor Project	59	1,309	1,241	0	0	2,609
Electric Customer Service Response Tools and Equipment	55	55	55	55	55	275
St Johns 4kV Substation Rebuild - Protection and Controls	50	125	125	0	0	300
Energy Management System - RTU Upgrade Project	50	50	50	50	50	250
West Jax Substation Protection Improvement	30	409	0	0	0	439
Starratt T2 Circuits 368 and 369 Addition	24	427	0	0	0	451
St Johns 4kV Distribution Feeder Getaway Rebuild	10	50	255	0	0	315
Water Street T2 Network Transformer Replacement	9	157	1,542	0	0	1,708
Nocatee 230-26 kV T2 Addition - Protection and Controls	6	350	44	0	0	400
Merrill Rd T1 Replacement and 2 Feeder Breaker Additions - Protection and Controls	2	8	122	0	0	132
Pecan Park Area Transmission	0	5,000	5,000	5,000	0	15,000
Substation Repair and Replace Projects	0	3,000	3,000	3,000	3,000	12,000
Transmission Repair and Replace Projects	0	2,500	2,500	2,500	2,500	10,000
New World 230kV Substation - Substation	0	1,400	14,600	4,000	0	20,000
Energy Management System - Outage Management System Integration	0	1,300	200	0	0	1,500
Pecan Park Area Substation	0	1,000	6,000	7,000	0	14,000
Energy Management System - EMS - Video Display Wall Replacement	0	850	0	0	0	850
New World 230kV Substation - Transmission	0	700	2,900	400	0	4,000
Pecan Park Area Distribution	0	500	2,000	2,500	0	5,000
New World 230kV Substation - Protection and Controls	0	320	1,550	330	0	2,200
Southwest Substation - Distribution	0	300	600	100	0	1,000
Solar PV - Forest Trail New 230kV Switchyard - Transmission	0	95	267	385	4,800	5,547
College 13kV 135 and 174 Feeder Additions	0	50	0	0	0	50
Solar PV - Forest Trail New 230kV Switchyard - Substation	0	18	482	2,300	12,700	15,500
Solar PV - Forest Trail New 230kV Switchyard - Protection and Controls	0	18	120	210	642	990
New World Sub to Villages North Sub - New 230kV - Transmission	0	0	4,600	11,550	28,900	45,050
West Jax T3 200 MVA Autotransformer Addition	0	0	2,000	2,500	0	4,500
Maxville New 230kV Substation	0	0	1,200	11,800	3,000	16,000
Solar PV - Peterson 3 New 230kV Switchyard - Substation	0	0	900	6,300	8,800	16,000
Mayo Sub New UG 26kV circuit 226 Addition	0	0	380	100	0	480
Maxville New 230kV Substation - Transmission	0	0	300	750	200	1,250
Maxville New 230kV Substation - Protection and Controls	0	0	275	1,252	138	1,665
Solar PV - Peterson 3 New 230kV Switchyard - Protection and Controls	0	0	125	620	255	1,000
Hartley Substation Protection Improvement	0	0	107	1,114	757	1,978
Solar PV - Peterson 3 New 230kV Switchyard - Transmission	0	0	105	60	1,335	1,500
Durbin 230 - 26kV Substation	0	0	0	3,900	9,100	13,000
Villages North New 230kV Substation	0	0	0	1,400	14,600	16,000
Durbin Substation Distribution Feeders	0	0	0	1,200	2,800	4,000
College Substation Reconfiguration	0	0	0	1,000	5,000	6,000
Villages North New 230kV Substation - Transmission	0	0	0	450	3,040	3,490
Villages North New 230kV Substation - Protection and Controls	0	0	0	320	1,550	1,870
Durbin Substation 230kV Circuit 924/932 Interconnect	0	0	0	300	700	1,000
College Substation Network Feeders	0	0	0	250	1,000	1,250
College Substation Reconfiguration - Protection and Controls	0	0	0	100	270	370
138kV / 230kV Fulton Cut Replacement (JAXPort contribution)	-2,174	-22,334	-18,370	0	0	-42,878
<b>TRANSMISSION AND DISTRIBUTION SUBTOTAL</b>	<b>160,727</b>	<b>200,846</b>	<b>200,798</b>	<b>166,101</b>	<b>187,758</b>	<b>916,231</b>

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**Electric FY24-FY28**

Electric Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
<b>ELECTRIC OTHER</b>						
Technology Services Projects - Electric	18,028	16,900	14,550	14,550	14,550	78,578
Fleet - Replacement - Electric	14,100	11,500	12,100	11,000	9,000	57,700
Capital Administrative Overhead - Electric	13,548	13,548	13,548	13,548	13,548	67,740
Facilities - Commonwealth - Admin Upgrades	6,530	0	0	0	0	6,530
Fleet - Expansion - Electric	2,366	900	1,500	600	600	5,966
Facilities - JEA Headquarters	1,700	0	0	0	0	1,700
Facilities - Westside Building 5 Glove Lab Upgrades	1,300	0	0	0	0	1,300
Facilities - Fusion Center NOC TI Upgrades (Old EOC)	945	0	0	0	0	945
Security Improvements - Electric	800	650	650	650	650	3,400
Facilities - Paving and Site Improvements - Electric	485	250	250	450	415	1,850
Facilities - Heating, Ventilation, and Air - Electric	430	430	430	430	430	2,150
Security - Fencing - Electric	300	260	260	260	260	1,340
Facilities - Generators - Electric	300	1	1	1	1	304
Wetland Mitigation Credits for Capital Projects - Electric	250	1	1	1	1	254
Facilities - Building Upgrades - Electric	200	200	200	200	200	1,000
Facilities - Roof Replacements - Electric	200	200	200	200	200	1,000
Facilities - Southside - Asphalt Pavement Upgrade	200	0	0	0	0	200
Facilities - Southside - Renovations - Phase 2	115	0	0	0	0	115
Facilities - Plumbing Upgrades - Electric	100	100	100	100	100	500
Facilities - Electrical and Lighting Systems - Electric	100	100	100	100	100	500
Utility Locate Group - Capital Equipment - Electric	50	50	50	50	50	250
Laboratory Equipment Upgrades - Electric	45	75	75	75	75	345
Security - Fire System Sprinklers	20	20	20	20	20	100
Facilities - Elevators - Electric	1	1	1	1	1	5
Glove Lab - PPE Testing Equipment	0	354	0	0	0	354
Facilities - Kennedy Generating - Pump Shop Demolition	0	301	0	0	0	301
<b>ELECTRIC OTHER SUBTOTAL</b>	<b>62,113</b>	<b>45,841</b>	<b>44,036</b>	<b>42,236</b>	<b>40,201</b>	<b>234,427</b>
<b>ELECTRIC GRAND TOTAL</b>	<b>270,924</b>	<b>305,293</b>	<b>307,361</b>	<b>426,271</b>	<b>565,601</b>	<b>1,875,450</b>

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**WaterSewer FY24-FY28**

Water/Wastewater Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
<b>WATER</b>						
Water Meters - AMI Conversion	23,300	23,300	23,066	1,500	0	71,166
Galvanized Pipe Replacement - Program	15,000	39,000	35,000	37,000	39,000	165,000
Greenland - Southside Blvd - Deerwood 3 to Greenland	14,573	27,928	7,911	0	0	50,412
Deerwood - Southside Blvd Intertie to Deerwood III Water Plant - New	12,080	1,168	0	0	0	13,248
Water Purification Demonstration Facility	10,009	20,048	34,669	0	0	64,726
Well Rehabilitation and Replacement Program	3,907	3,107	3,233	3,368	3,510	17,125
JP - Nassau - William Burgess Blvd - US 17 to Miner Rd - New	3,399	32	0	0	0	3,431
Lakeshore Water Plant - Reservoir Rehabilitation - Phase 2	3,182	25	0	0	0	3,207
McDuff Water Plant - Refurbishment Project	2,846	0	0	0	0	2,846
Water Meters - Large Water Meter Replacement	2,549	2,539	2,539	2,539	0	10,165
Martin Luther King - Fairfax to Brentwood Water Main Replacement	2,503	7,836	203	0	0	10,543
Water Meters - Replacement	2,375	0	0	6,500	6,500	15,375
JP - FDOT - SR21 Water Main Replacement - Wilson Blvd to Roosevelt Blvd	2,292	56	0	0	0	2,348
Water Meters - Growth	2,223	2,267	2,290	2,030	2,030	10,840
McDuff - Olga to Park Water Main	2,201	0	0	0	0	2,201
JP - COJ - Ricker Rd-Old Middleburg to Morse Ave - Repair and Replace - Water Main	1,880	921	0	0	0	2,800
Deerwood III Water Treatment Plant - Well 2 - Replacement	1,796	739	0	0	0	2,535
Norwood Water Plant - Rehabilitation	1,615	525	0	0	0	2,140
Main Extensions and Taps - Water	1,500	1,500	1,500	1,500	1,500	7,500
Development - 2021-2130 Ranch Rd - Water	1,465	1,465	0	0	0	2,929
Water Delivery System - Repair and Replace	1,379	5,400	5,500	5,500	6,500	24,279
JP - FDOT - University Blvd W (SR109) - San Jose (SR13) to I-95	1,329	43	0	0	0	1,372
RiverTown Water Plant - New 4.7 MGD Water Plant	1,242	0	0	0	0	1,242
Beverly Hills Water Main Replacement - East	1,202	0	0	0	0	1,202
Royal Lakes Water Plant High Service Pump Expansion	1,189	7,679	9,833	0	0	18,701
Beacon Hills Water Plant - Rehabilitation	1,099	2,605	7,795	60	0	11,559
JP - COJ - Harts Rd - Turtle Creek Dr S to Bertha St - Water Main Replacement	1,050	521	0	0	0	1,571
Cisco Dr - Westlake Water Plant to Garden St - Transmission - New	1,000	9,386	0	0	0	10,386
Water Plant Capital Renewal and Replacement	1,000	1,340	1,340	1,340	1,340	6,360
North Grid THM Mitigation Project	862	1,200	4,000	9,000	15,366	30,428
Ridenour Water Treatment Plant - Well 8 - New	850	1,345	0	0	0	2,195
JP - Joint Participation Projects - Water	700	700	700	700	700	3,500
Lofton Oaks Water Plant - Improvements	659	0	0	0	0	659
Cecil Commerce Center - Well 4 - New	659	1,339	1,212	0	0	3,210
Fairfax St - 1st St to 26th St Water Main Replacement	651	5,171	5,674	110	0	11,606
Development - 2021-0722 - Eaton Ave - Water	635	635	0	0	0	1,270
Main St Water Plant - Ozone Generator - Addition	600	3,000	2,000	0	0	5,600
Lovegrove Water Plant - Electric System Upgrade	548	4,677	936	0	0	6,161
Pritchard Rd - Old Plank Rd to Cisco Dr W - Water Transmission - New	503	0	0	0	0	503
301 Development - New 1.0 MGD Water Treatment Plant	500	5,000	4,500	3,100	0	13,100
Well Field Repair and Replace	500	500	500	500	500	2,500



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**WaterSewer FY24-FY28**

Water/Wastewater Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
Oakridge Water Plant - High Service Pump Replacement	498	5,619	1,674	0	0	7,791
Talleyrand Water Main Replacement - Jessie to 8th St	465	2,700	2,557	0	0	5,722
Development - 2022-1199 Seabrook Village Phases 2 and 3 - Water	415	415	0	0	0	829
Real Estate - Oakridge Backup Well Site	370	0	0	0	0	370
Water Treatment Plant Reservoir Repair and Replace	350	350	350	350	350	1,750
JP - COJ - McCoy's Creek - Cherokee St to St Johns River - Water	338	65	0	0	0	403
Development - 2020-3267 - Seaton Creek - Water	303	0	0	0	0	303
JP - FDOT - North Grid - Main St - Cole Rd to Elizabeth Ln - Water	300	2,930	0	0	0	3,230
Nassau Regional Water Treatment Plant - Well 1 Deepening	256	0	0	0	0	256
Development - 2021-5321 Darby Offsite - Water	225	0	0	0	0	225
Water Treatment Plants - Sodium Hypochlorite Storage Tank Upgrades	200	200	200	200	200	1,000
Westlake Water Plant - Well 4 and Raw Water Main	191	1,223	957	92	0	2,463
Southeast Water Plant - Ground Storage Tank	141	8,061	50	0	0	8,252
Deerwood Water Treatment Plant - Well 5 - Rehabilitation	107	0	0	0	0	107
Wildlight Water Treatment Plant - New 2.25 MGD Plant	100	500	6,000	2,000	1,819	10,419
JP - FDOT - I95 and MLK Interchange - Water Main Replacement	96	203	0	0	0	299
Brierwood Water Treatment Plant - Well 2 - Rehabilitation	90	0	0	0	0	90
Hendricks Water Treatment Plant - Well 6 - Rehabilitation	82	0	0	0	0	82
Brierwood Water Plant - Rehabilitation	68	740	3,357	1,347	0	5,512
Cecil Commerce Center Water Treatment Plant - Well 2 - Rehabilitation	62	0	0	0	0	62
Brierwood Water Treatment Plant - Well 1 - Rehabilitation	61	0	0	0	0	61
Grid - Cost Participation - New - Water	50	50	50	50	50	250
Development Driven Projects - Water	50	50	50	50	50	250
JP - FDOT - 103rd St (SR134) - Shindler to Firestone - Water	50	0	0	0	0	50
JP - JTA - San Pablo Rd - Beach Blvd to Atlantic Blvd	48	21	0	0	0	69
JP - FDOT - North Grid - Lem Turner - Capper Rd to Leonid - Water Main	43	2	0	0	0	45
JP - FDOT - SR115 Southside Blvd at Deerwood Park Blvd	35	0	0	0	0	35
Southeast Water Treatment Plant - Well 4 - New	30	1,858	234	0	0	2,122
JP - FDOT - Timuquana Rd (SR134) - Wesconnett to US17 - Water Main Replacement	30	0	0	0	0	30
Westlake Water Plant - Expansion from 3 to 7 MGD	19	1,960	1,361	10,540	980	14,859
JP - FDOT - JTB Blvd at Kernan Blvd - Water Main Replacement	14	73	0	0	0	87
JP - FDOT - Phillips Hwy from Baymeadows Rd to University Blvd - Water Main Replacement	12	420	0	0	0	432
Forest Blvd - Stone Rd to T-Line - Raw Water Main - New	12	0	0	0	0	12
JP - FDOT - I10 Widening - I295 to I95 - Water Main Replacement	12	0	0	0	0	12
Beverly Hills Water Main Replacement - West	11	0	0	0	0	11
Ponce de Leon - Well 1 - Replacement	10	0	0	0	0	10
JP - JTA - Alta Drive Roadway Improvements - Water	3	0	0	0	0	3
Blount Island Fire Protection System - Repair and Replace	0	4,300	0	0	0	4,300
Water Treatment Plant Large Capital Improvements	0	3,760	14,000	16,175	2,000	35,935
JP - FDOT/COJ - Chaffee Rd - Westmeadows Dr S to Samaritan Wy - Water Transmission - New	0	2,252	500	0	0	2,752
JP - JTA - 8th St Water Main Replacement - Mt Herman St to Boulevard St	0	592	0	0	0	592
Ft Caroline Rd - McCormick Rd to Fulton Rd - Water Distribution - New	0	210	805	1,271	0	2,286
Water Transmission Replacement	0	100	1,500	1,987	2,000	5,587

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**WaterSewer FY24-FY28**

Water/Wastewater Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
North Grid - Downtown Water Treatment Plant	0	0	0	750	5,250	6,000
SIPS - Ridenour - Cortez to Ridenour Water Treatment Plant - New - Water	0	0	0	0	2,162	2,162
SIPS - Oakridge - Saints Rd - St Johns Bluff to Oakridge Water Treatment Plant - Water	0	0	0	0	1,132	1,132
<b>WATER SUBTOTAL</b>	<b>133,995</b>	<b>221,652</b>	<b>188,045</b>	<b>109,558</b>	<b>92,938</b>	<b>746,188</b>
<b>SEWER</b>						
Nassau Regional Reclamation Facility - Expansion to 3.0 MGD	58,642	22,672	0	0	0	81,314
Southwest Reclamation Facility - Expansion to 16 MGD	36,866	28,248	274	0	0	65,388
Greenland Reclamation Facility - 4 MGD	34,636	11,170	0	0	0	45,805
Buckman Reclamation Facility - Biosolids Conversion - Process Facility	34,364	80,953	89,231	46,678	1,372	252,597
Blacks Ford Reclamation Facility - Expansion from 6 to 12 MGD	9,482	26,911	117,190	55,110	1,835	210,528
Mandarin - 106 Twin Creeks - Class III/IV - Booster Pump Station	7,458	2,330	0	0	0	9,789
Pumping Stations - Capital Equipment Replacement	6,000	7,000	7,000	7,000	7,000	34,000
Nassau Regional Reclamation Facility - Effluent Management	5,796	0	0	0	0	5,796
Buckman Water Reclamation Facility - Biosolids Facility Rehabilitation	5,036	1,132	0	0	0	6,168
Water Reclamation Facilities - Capital Equipment Replacement	5,000	5,500	5,500	5,500	5,500	27,000
SWDE - Southwest Deep Injection Exploratory Well	4,991	12,324	0	0	0	17,315
SWDE - Arlington East Deep Injection Exploratory Well	4,991	12,324	0	0	0	17,315
Monterey - 7732 Merrill Rd and 2530 Mayapple Rd - Class III/IV - Pump Station Upgrades	4,406	3,854	0	0	0	8,259
Sewer Collection System Trenchless Repair and Replace	4,300	4,300	4,300	4,300	4,300	21,500
District II - 11308 Harts Rd - Class III/IV	4,175	130	0	0	0	4,305
Davis - Gate Pkwy to RG Skinner - Transmission - Reclaim	4,104	6,254	124	0	0	10,481
Monterey - 5838 Pompano - Class III/IV - Pump Upgrade	4,103	1,039	0	0	0	5,142
Arlington East - 9247 Baymeadows Rd - Class III/IV - Pump Upgrade	4,043	26	0	0	0	4,069
Sewer Collection System - Repair and Replace	4,000	4,500	4,500	4,500	4,500	22,000
JP - COJ - Harts Rd Bridge Replacement - Sewer	3,800	963	0	0	0	4,763
Resiliency - Pump Stations, Plants, Electrical Reliability	3,599	5,292	5,493	3,691	3,927	22,002
Manhole Inspection, Prioritization, and Rehabilitation or Replacement	3,400	3,600	3,600	3,600	3,600	17,800
Buckman Reclamation Facility - Biosolids RAW Sludge Holding Tank Restoration	3,173	10,310	0	0	0	13,483
25th St at Marlo St - Gravity Sewer Replacement	3,018	400	0	0	0	3,418
McMillan St PS Effluent Piping S20B - Force Main Replacement	2,853	4,851	0	0	0	7,704
Southwest - 5825 Robitzsch Lane - Class III/IV	2,813	141	0	0	0	2,954
Buckman Reclamation Facility - Biosolids Conversion - Operations/Maintenance Buildings	2,753	0	0	0	0	2,753
SWDE - Buckman Water Reclamation Facility Improvements	2,401	16,285	24,040	73,301	250,154	366,182
Clark and Main - Kentucky St to Gun Club Rd - Force Main	2,367	0	0	0	0	2,367
District II - 10800 Key Haven Blvd - Class III/IV	2,293	1,122	0	0	0	3,415
Parental Home and Barnes - Lofberg Dr PS to Santa Monica Blvd S Force Main (S-23)	2,113	1,479	0	0	0	3,592
SWDE - Arlington East Water Reclamation Facility - Disinfection Conversion to High Level UV	2,100	20,000	40,050	40,071	0	102,221
301 Development - New 1.0 MGD Water Reclamation Facility	2,000	5,000	10,000	10,000	8,400	35,400
Real Estate - Nassau Regional Reclamation Facility - Storage Tank and Boosters - Property Acquisition	1,960	0	0	0	0	1,960
RiverTown Booster Pump Station - Reclaim	1,810	2,111	0	0	0	3,921
Mandarin-Greenland Interconnect - Reclaim	1,781	0	0	0	0	1,781
Old St Augustine Rd Booster Pump Station	1,753	3,132	0	0	0	4,884

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**WaterSewer FY24-FY28**

<b>Water/Wastewater Project Title</b>	<b>FY24 Proposed ('000)</b>	<b>FY25 Proposed ('000)</b>	<b>FY26 Proposed ('000)</b>	<b>FY27 Proposed ('000)</b>	<b>FY28 Proposed ('000)</b>	<b>FY24-FY28 Total ('000)</b>
Buckman Reclamation Facility - Fine Screen Replacement	1,724	0	0	0	0	1,724
JP - SJC - CR210 - South Hampton to Ashford Mills - Reclaim Transmission	1,711	603	0	0	0	2,314
Mandarin Reclamation Facility - Sludge Holding Tanks Rehabilitation	1,668	0	0	0	0	1,668
Arlington East Water Reclamation Facility - Biosolids Force Main - SJR Crossing from University Blvd to KGS	1,652	10,326	1,452	0	0	13,430
Nassau - Radio Ave - Class III/IV - New Pump Station	1,538	0	0	0	0	1,538
Small Diameter Iron and Cement Gravity Main Repair and Replace	1,500	10,952	10,000	10,000	10,000	42,452
Main Extensions and Taps - Sewer	1,500	1,500	1,500	1,500	1,500	7,500
SCADA RTU and Control Panel Upgrades	1,500	1,500	1,500	1,500	1,500	7,500
JP - Nassau - Chester Rd - David Hallman to Pages Dairy Rd - R	1,383	50	0	0	0	1,433
Southwest - 5104 118th St - Class III/IV	1,259	0	0	0	0	1,259
Real Estate - Northeast Estuary - Storage and Repump - Property Acquisition	1,250	0	0	0	0	1,250
Buckman Reclamation Facility - Aeration Basin Air Header and Diffuser Replacement	1,195	5,080	4,816	3,305	2,804	17,200
Small Diameter AC and CI Force Main Replacement	1,095	1,650	16,163	16,163	16,163	51,234
US 1 - Greenland Reclamation Facility to CR 210 - Transmission - New - Reclaim	1,068	0	0	0	0	1,068
JP - COJ - McCoys Creek - Cherokee St to St Johns River - Sewer	1,064	1,347	0	0	0	2,411
Development - 2020-3267 - Seaton Creek - Sewer	1,019	1,019	0	0	0	2,038
JP - COJ - Six Mile Bridge and Utilities Replacement	1,016	1,420	172	0	0	2,608
SEQ to Gate Parkway - Transmission - New - Reclaim	1,000	3,050	0	0	0	4,050
JP - Nassau - Chester Rd - David Hallman to Pages Dairy Rd - Force Main	987	50	0	0	0	1,037
Arlington East Water Reclamation Facility - Force Main from Arlington East Facility to University Blvd	968	10,769	10,042	0	0	21,779
Nocatee South Reclaim Improvements	916	1,304	1,006	0	0	3,226
JP - Nassau - Water Main Burgess Blvd - US 17 to Miner Rd - New - Force Main	914	50	0	0	0	964
ARV Inspection, Prioritization, and Rehabilitation or Replacement	875	570	570	570	570	3,155
Ridenour Water Treatment Plant - Storage and Repump - Reclaim	843	4,301	9,403	933	0	15,480
Southwest - 7703 Blanding Blvd - Class III/IV	840	66	0	0	0	905
Southwest - 6217 Wilson Blvd - Class III/IV	786	0	0	0	0	786
Buckman Reclamation Facility - Biosolids Process Renewal and Replacement	750	1,100	1,100	1,100	740	4,790
Ponte Vedra Water Reclamation Facility - improvements	712	865	7,530	9,356	104	18,569
Monterey - 3254 Townsend Rd - Class III/IV - Pump Upgrade	627	0	0	0	0	627
Greenland - Burnt Mill Pump Station to Greenland Energy - Transmission - Force Main	608	0	0	0	0	608
JP - COJ - Ricker Rd-Old Middleburg to Morse Ave - Repair and Replace - Force Main	559	181	0	0	0	740
Arlington East - 8331 Princeton Sq - Class III/IV - Pump Upgrade	548	2,545	2,837	86	0	6,016
Arlington East - 8751 Bayleaf Dr - Class III/IV - Pump Upgrade	531	5,381	3,067	2,777	0	11,756
Northwest Reclamation Facility - 1.5 MGD	500	3,750	6,250	7,000	7,500	25,000
Wastewater Odor Control - All Plants and Pump Stations	500	250	250	250	250	1,500
SWDE - Planning, Zoning, and Land Acquisition	500	250	0	0	0	750
Arlington East Water Reclamation Facility - Biosolids Pump Station Rehabilitation	488	4,713	645	0	0	5,846
Ortega Farms Trunk Main Manhole Rehabilitation	488	0	0	0	0	488
JP - COJ - Old Middleburg Rd - Argyle Forest Blvd to Maynard Place - Transmission - New - Force Main	400	1,404	600	0	0	2,404
JP - Joint Participation Projects - Sewer	400	400	400	400	400	2,000
Arlington East Reclamation Facility - Secondary MCC Replacement	358	0	0	0	0	358
Burnt Mill Rd 24" Force Main	335	962	2	0	0	1,299
Nocatee North Reclaim Storage Tank	332	1,232	6,842	1,954	0	10,360

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**WaterSewer FY24-FY28**

Water/Wastewater Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
Development - 2021-5321 Darby Offsite - Sewer	273	0	0	0	0	273
SCADA Renewal and Replacement	268	268	268	268	268	1,340
Margaret St Area Sewer Main Installation	250	0	0	0	0	250
Cedar Bay Backup Power System	240	0	0	0	0	240
Buckman Reclamation Facility - Outfall Improvements - Phase 1	200	725	4,125	4,125	0	9,175
CR210 - Longleaf Pine Pkwy to Shearwater Rd - Transmission - Reclaim	177	3,024	3,100	152	0	6,453
118th and Morse - Ricker Rd and Southwest Water Treatment Plant Force Main (S-49)	150	1,019	3,000	10,000	7,923	22,092
SWDE - Southwest Water Reclamation Facility - Purification Facility	141	12,603	17,029	31,285	93,384	154,442
SWDE - Arlington East - Purification Facility	141	11,919	16,126	29,519	87,958	145,663
Monterey - 8043 Carlotta Rd - Class III/IV - Pump Upgrade	139	2,731	399	0	0	3,269
SWDE - Monterey Water Reclamation Facility	131	4,804	6,570	9,854	27,512	48,872
Development - 2021-0517 Percy Oaks Offsite - Sewer	123	0	0	0	0	123
SWDE - Cedar Bay - Purification Facility	123	7,620	11,572	20,614	60,585	100,515
Nira St - Emergency Trunk Sewer Repair	116	0	0	0	0	116
Lenox Ave - Fouraker Rd to Palisades Dr - Distribution - New - Force Main	115	461	0	0	0	576
Development - 2021-0517 Percy Oaks Offsite - Water	109	0	0	0	0	109
Northbank Riverwalk - Forest St to Standish Pl Pump Station (S-35)	100	1,040	0	0	0	1,140
Waste Water Pumping Station Safety Improvements - Guard Rail Installation	100	100	100	100	100	500
District II - Capper Rd - Meadowlea Dr to Lem Turner - Force Main	90	230	230	0	0	550
Mandarin Water Reclamation Facility - Emergency Pumping System	79	659	1,089	0	0	1,827
Southwest - POW MIA Memorial Pkwy - Normandy Blvd to Parkland Master Pump Station - Force Main	77	285	1,804	0	0	2,166
Reuse Delivery - Repair and Replace	55	55	55	55	55	275
Southwest - Morse Ave - Ricker Rd to Firestone Rd - Force Main	50	600	350	0	0	1,000
Southwest - Chaffee Rd S - Crystal Springs Rd - Force Main	50	525	1,500	1,425	0	3,500
Grid - Cost Participation - New - Reclaim	50	50	50	50	50	250
Grid - Cost Participation - New - Force Main	50	50	50	50	50	250
Development Driven Projects - Pump Stations	50	50	50	50	50	250
Development Driven Projects - Reclaim	50	50	50	50	50	250
Development Driven Projects - Sewer	50	50	50	50	50	250
Manhole SCADA Repair and Replace	50	50	50	50	50	250
Diesel-driven Backup Pumps - Repair and Replace	50	50	50	50	50	250
Reuse Facility - Capital Equipment Replacement	50	50	50	50	50	250
Nassau Regional Reclamation Facility - SR200 West of I-95 RW Storage Tank and Booster Pump Station - Reclaim	44	1,216	2,663	6,960	1,135	12,018
District II - Ranch Rd - Tradeport Dr to DUV-14491 Master Pump Station - Force Main	40	3,913	0	0	0	3,953
Evergreen Ave and 45th St E - Oakwood St to 47th Street (S-31) - Force Main	40	3,910	1,098	0	0	5,049
Arlington East Reclamation Facility Upgrades - Aeration Basin and Blowers	30	8,560	14,674	14,021	3,354	40,640
Arlington East Reclamation Facility Upgrades - Influent Structure	30	6,331	10,817	10,149	2,970	30,297
JP - FDOT - Stuart Street Rehabilitation at I95 and MLK Interchange - Sewer	30	5	0	0	0	35
Monterey Reclamation Facility Improvements- Phase 2	29	20,725	13,759	0	0	34,513
5th St W - Imeson Rd to Melson Ave - Transmission - New - Force Main	27	0	0	0	0	27
Veterans Pkwy - Longleaf Pine Pkwy to CR210 - Transmission - Reclaim	26	595	2,040	2,419	0	5,080
Arlington East Reclamation Facility - Parallel Sludge Line	25	2,912	1,302	0	0	4,239
SR200 - William Burgess Blvd to Police Lodge Rd - Transmission - Reclaim	24	0	0	0	0	24

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**WaterSewer FY24-FY28**

Water/Wastewater Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
Southwest - 103rd Street at Piper Glen Blvd - Force Main	19	392	2,410	0	0	2,821
JP - FDOT - Timuquana Rd (SR134) - Wesconnett to US17 - Force Main Replacement	14	0	0	0	0	14
JP - FDOT - I10 Widening - I295 to I95 - Force Main Replacement	12	0	0	0	0	12
Buckman Reclamation Facility - Disinfection System Replacement	12	0	0	0	0	12
JP - FDOT - District II - Lem Turner - Capper Rd to Leonid - Force Main	10	2	0	0	0	12
4511 Spring Park Rd Lift Station	10	0	0	0	0	10
Mandarin Water Reclamation Facility - River UV Replacement	8	468	3,382	5	0	3,862
JP - FDOT - Philips Hwy from Baymeadows Rd to University Blvd - Force Main Replacement	6	0	0	0	0	6
Southwest - 4881 Timuquana Rd - Class III/IV	4	0	0	0	0	4
SWDE - Cedar Bay Deep Injection Exploratory Well	2	17,550	0	0	0	17,552
JP - JTA - Alta Drive Roadway Improvements - Sewer	2	0	0	0	0	2
Wastewater Large Capital Improvements	0	13,200	15,460	21,726	15,564	65,950
SWDE - Deep Injection Exploratory Wells	0	8,672	39,000	12,000	0	59,672
Buckman Reclamation Facility - 1638 Talleyrand Av - Class III/IV	0	2,802	4,835	630	0	8,267
Buckman Water Reclamation Facility - Primary Clarifiers 1-8 Structural Rehabilitation	0	2,729	9	0	0	2,738
Ductile Iron Force Main Replacement	0	2,098	3,000	3,000	3,000	11,098
SWDE - Water Purification Piloting	0	2,030	0	0	0	2,030
118th St - Kinkaid Rd to Ricker Rd - Transmission - New - Force Main	0	961	3,000	3,000	0	6,961
Mandarin Water Reclamation Facility - Influent Pump Station Modifications	0	909	2,716	5,335	6	8,967
Mandarin Water Reclamation Facility - Sand Filters Rehabilitation	0	670	2,790	1,575	0	5,035
Monument Rd - Arlington Reclamation Facility to St Johns Bluff Rd - Transmission - New - Reclaim	0	541	834	8,672	13	10,060
Southwest - Class III/IV Pump Upgrade	0	500	0	0	0	500
RiverTown Water Treatment Plant - New Storage and Pumping System - Reclaim	0	400	950	2,500	0	3,850
SWDE - Ponte Vedra Water Reclamation Facility	0	250	5,000	8,000	18,000	31,250
Northeast Estuary - Storage and Repump - Reclaim	0	200	5,500	10,300	2,000	18,000
Greenbriar Rd - Longleaf Pine Pkwy to Spring Haven Dr - Transmission - Reclaim	0	200	1,190	3,495	3,305	8,190
Buckman Water Reclamation Facility - Influent Pump Station Modifications	0	200	659	9,373	561	10,792
Large Diameter Cured In Place Piping	0	100	1,499	2,500	0	4,099
Busch Dr - Balmoral Dr to Harts Rd - Transmission - Force Main	0	30	600	183	0	813
Herschel St - Force Main Replacement	0	0	1,045	1,659	0	2,705
St Johns Bluff Rd - UNF to Bradley Master Pump Station - Transmission - Parallel Force Main	0	0	400	2,000	1,570	3,970
Arlington East - Deerwood Pk - Burnt Mill to JTB - Force Main	0	0	400	1,000	1,000	2,400
Lorain St - 8" Force Main Replacement	0	0	373	0	0	373
CR210 - Twin Creeks to Russell Sampson Rd - Transmission - Reclaim	0	0	90	1,100	5,044	6,234
District II - Pulaski Rd Booster Wastewater Pump Station - Phase 2	0	0	87	805	408	1,300
Russell Sampson Rd - St Johns Pkwy to CR210 - Transmission - Reclaim	0	0	41	600	3,430	4,071
District II - Yellow Bluff Rd - New Berlin Rd to Victoria Lakes - Transmission - New - Force Main	0	0	10	260	1,115	1,385
SWDE - Nassau Regional Water Reclamation Facility	0	0	0	405	4,340	4,745
District II - New Berlin Rd - Yellow Bluff Rd to Eastport Rd - New - Force Main	0	0	0	10	200	210
Southwest - Morse Ave Booster	0	0	0	0	400	400
<b>SEWER SUBTOTAL</b>	<b>332,425</b>	<b>536,129</b>	<b>606,801</b>	<b>552,125</b>	<b>677,719</b>	<b>2,705,200</b>
<b>WATER OTHER</b>						

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**WaterSewer FY24-FY28**

<b>Water/Wastewater Project Title</b>	<b>FY24 Proposed ('000)</b>	<b>FY25 Proposed ('000)</b>	<b>FY26 Proposed ('000)</b>	<b>FY27 Proposed ('000)</b>	<b>FY28 Proposed ('000)</b>	<b>FY24-FY28 Total ('000)</b>
Technology Services Projects - Water	12,973	12,525	12,525	12,525	12,175	62,723
Capital Administrative Overhead - Water	7,750	8,000	8,250	8,500	8,500	41,000
Fleet - Replacement - Water	7,300	5,650	10,900	9,900	7,300	41,050
Fleet - Expansion - Water	5,620	2,040	800	800	800	10,060
Facilities - Generators - Water	4,253	3,570	3,490	4,515	4,118	19,946
Laboratory - PSSC Offsite Remediation and Parking Lot Expansion	1,614	0	0	0	0	1,614
Security Improvements - Water	885	650	650	650	650	3,485
Facilities - Mandarin Reclamation Facility - Facility Parking and Storm Water Upgrades - Phase 2	821	1,868	0	0	0	2,689
Facilities - Main St Lab Emergency Generator Project	820	0	0	0	0	820
Wetland Mitigation Credits for Capital Projects - Water	750	1	1	1	1	754
Security - Fencing - Water	650	260	260	260	260	1,690
Facilities - Heating, Ventilation, and Air - Water	520	520	520	520	520	2,600
Facilities - District II Reclamation Facility - New Storage Building and Site Upgrades	467	0	0	0	0	467
Facilities - Blacks Ford Reclamation Facility New Parking and Storage Building	454	0	0	0	0	454
Facilities - Roof Replacements - Water	435	435	435	435	435	2,175
Facilities - Building Upgrades - Water	400	400	400	400	400	2,000
Facilities - Electric and Lighting Systems - Water	400	400	400	400	400	2,000
Facilities - District II Reclamation Facility - New Plant Entrance	385	0	0	0	0	385
Facilities - Blanding Blvd Lift Station Entrance Drive	344	0	0	0	0	344
Facilities - Plumbing Upgrades - Water	250	250	250	250	250	1,250
Facilities - Paving and Site Improvements - Water	250	250	250	250	250	1,250
Facilities - Elevators - Water	250	1	1	1	1	254
Laboratory Equipment Upgrades - Water	243	100	100	100	100	643
Real Estate - Easement Location and Acquisitions	150	150	150	150	150	750
Utility Locate Group - Capital Equipment - Water	50	50	50	50	50	250
Security - Fire Alarm and Sprinkler Systems	20	20	20	20	20	100
Facilities - Buckman Reclamation Facility - Street Lighting and Paving Upgrades	0	150	850	783	0	1,783
<b>WATER OTHER SUBTOTAL</b>	<b>48,053</b>	<b>37,290</b>	<b>40,302</b>	<b>40,510</b>	<b>36,380</b>	<b>202,536</b>
<b>WATER/WASTEWATER GRAND TOTAL</b>	<b>514,473</b>	<b>795,071</b>	<b>835,148</b>	<b>702,193</b>	<b>807,037</b>	<b>3,653,922</b>

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**DES FY24-FY28**

DES Project Title	FY24 Proposed ('000)	FY25 Proposed ('000)	FY26 Proposed ('000)	FY27 Proposed ('000)	FY28 Proposed ('000)	FY24-FY28 Total ('000)
DES - Future Expansion Projects Placeholder	5,960	9,865	9,900	9,975	5,975	41,675
DES - Hogans Creek - Plant Expansion	4,000	5,196	5,196	0	0	14,391
DES - Shipyards Segment A - Chilled Water Main Extension	3,400	2,439	0	0	0	5,839
DES - Metropolitan Loft (SBA) Chilled Water Extension	2,340	50	0	0	0	2,390
District Energy System - General Repair and Replace	765	980	1,000	645	545	3,935
Capital Administrative Overhead - District Energy	243	243	243	243	243	1,215
Security Improvements - District Energy	50	50	50	50	50	250
Downtown Plant Expansion - New Chiller and Cooling Tower	25	1,500	4,313	0	0	5,838
Springfield - Replace Chiller 3	0	950	0	0	0	950
Springfield - Replace Chiller 5	0	950	0	0	0	950
Downtown Development	0	1	0	0	0	1
Hogans Creek - Replace Chiller 3	0	0	1,500	0	0	1,500
Springfield - Replace Chiller 1	0	0	950	0	0	950
Springfield - Replace Chiller 4	0	0	950	0	0	950
Hogans Creek - Replace Chiller 1	0	0	0	0	1,500	1,500
Hogans Creek - Replace Chiller 2	0	0	0	0	1,500	1,500
<b>DES GRAND TOTAL</b>	<b>16,783</b>	<b>22,224</b>	<b>24,101</b>	<b>10,913</b>	<b>9,813</b>	<b>83,834</b>



JEA Board of Directors Meeting - June 27, 2023 - INFORMATIONAL MATERIAL

ELECTRIC	Description	Explanation
B50, B51, etc	specific steam turbine units at Brandy Branch Generating	
CCCN	Cecil Commerce Center North	Commercial district in north jacksonville.
CEMI-5	Customers Experiencing More than 5 Interruptions	CEMI-5 is a software report and metric that stands for Customers Experiencing More Than Five Outages of one minute or more in the past year. The new report has helped us improve on our already unbeatable performance of low extended outage frequency and duration rates. CEMI-5 directs JEA's engineers and field personnel to the specific addresses of customers who've experienced six or more extended outages (of one minute or more) over the last 12 months
CFB	Circulating Fluidized Bed	
CT1, CT2, etc	specific gas turbine units	
DCPS	Duval County Public Schools	
HP/IP	High Pressure/Intermediate Pressure	A type of turbine
HRSG	Heat Recovery System Generator	An energy recovery heat exchanger that recovers heat from a hot gas stream, such as a combustion turbine. It produces steam that can be used in a process or used to drive a steam turbine.
LNG	Liquid Natural Gas	
N00, N01, N02, etc	specific steam turbine units	
OH-UG	Overhead to Underground	Moving electric lines from overhead to underground
PV	Photovoltaic	solar panels
RTAC	Real-Time Automation Controller	Multifunctional platform designed for demanding applications.
RTU	Remote Terminal Unit	A remote terminal unit (RTU) is a microprocessor-controlled electronic device that interfaces objects in the physical world to a distributed control system or SCADA (supervisory control and data acquisition) system by transmitting telemetry data to a master system, and by using messages from the master supervisory system to control connected objects
SAIDI	System Average Interruption Duration Index	Indicates the total duration of interruptions for the average customer across the electric system during a predefined period of time such as a month or a year. It is commonly measured in minutes or hours of interruption.
SEL-3355	Schweitzer Engineering Laboratories	Schweitzer Engineering Laboratories - computing platform
SOCC	system ops and control center	central command/control of the electric system
UGCR	Underground Cable Replacement	
UPS	Universal Power Supply	
WATER	Description	Explanation
ARV	Air Release Valves	
Class III/IV	the size/processing capability of a sewage pump station	Class III - 1,000 Gallons per Minute (GPM) to 2,000 GPM / Class IV - Over 2,000 GPM
JP	Joint Project	Projects that involve agreements and collaboration with other local and State entities.
MCC	Motor control center	
MGD	Million Gallons per Day	the max amount of volume a water or wastewater plant can process
RTU	Remote Terminal Unit	A RTU is a microprocessor based device that monitors and controls field devices, that then connects to plant control or SCADA (supervisory control and data acquisition) systems.
SCADA	supervisory control and data acquisition	supervisory control and data acquisition
SIPS	Southside Integrated Piping System	SIPS projects are part of the Total Water Mangement Plan and done to improve reliability and optimize Water Mains in the South Grid.
SJC	St Johns County	
SJR	St Johns river	
SWDE	Surface Water Discharge Elimination	State mandated environmental project (SB64) to remove treated wastewater discharge from waterways.
THM	Trihalomethanes	chemical compounds that are created when water is disinfected with chlorine

source files in SP/Manager/FY22