



IMPROVING LIVES. BUILDING COMMUNITY. to be the best utility in the country

JEA BOARD OF DIRECTORS MEETING

JEA Tower, T-19 | 21 West Church Street, Jacksonville, FL 32202
June 22, 2021 | 9:00 am – 12:00 pm

WELCOME

Meeting Called to Order
Time of Reflection
Introductions
Adoption of Agenda ([Action](#))

John Baker, Chair

[Safety Moment & Briefing](#)

Tom Wiertsema, Director, Customer Field & Meter Services

COMMENTS / PRESENTATIONS

Council Liaison's Comments

Council Member Randy DeFoor

Comments from the Public

Public

Managing Director / CEO Report

Jay Stowe, Managing Director / CEO

CONSENT AGENDA ([Action](#))

[Board Meeting Minutes – May 25, 2021](#)

[FY2022 Budget](#)

FOR BOARD CONSIDERATION

[Monthly Performance Update](#)

James Kipp, Sr Director, Generation

BUSINESS EXCELLENCE

[Rates and Fees Update \(\[Action\]\(#\)\)](#)

Juli Crawford, Dir, Financial Planning & Analysis

[Plant Vogtle Units 3 & 4 External Technical Consultant Report](#)

Joe Orfano, Interim VP, Financial Services and Treasurer
Bill Kemp, Director, Roland Berger LP

Policy Reviews

- [Delegation of Authority \(\[Action\]\(#\)\)](#)

Jody Brooks, Chief Administrative Officer

OTHER BUSINESS AND CLOSING CONSIDERATION

Old and Other New Business/Open Discussion
Chair's Report
Announcements – Next Board Meeting July 27, 2021 at
Westside Service Center

John Baker, Chair

Adjournment



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UPCOMING BOARD AGENDA ITEMS

Policy Reviews

Strategic Planning

INFORMATIONAL MATERIAL

[Appendix A: Corporate Headquarters Update](#)

[Appendix B: FY21 Corporate Communications and Community Outreach](#)

[Appendix C: Financial Statements](#)

BOARD CALENDAR

Board Meetings

9:00 am – Fourth Tuesday of every month except November 16, 2021 and December 14, 2021

Committees

Finance & Audit Committee – July 16, 2021

Board Retreat – July 27, 2021 (Immediately following the Regular Board Meeting at Westside Service Center)

Other Committees - TBD



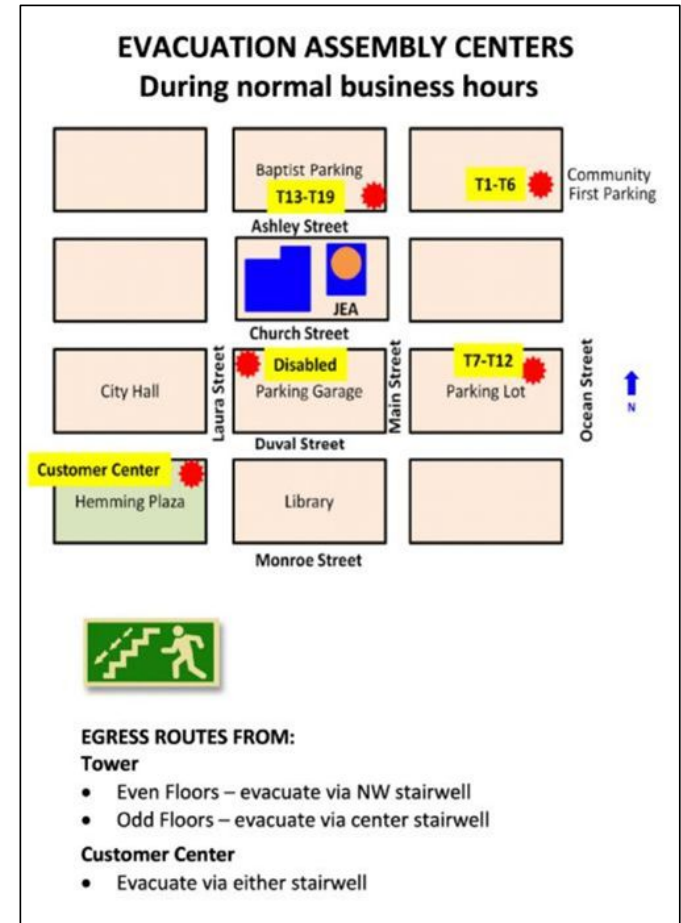
Build an **UNBEATABLE TEAM** Safety Moment and Briefing

Tom Wiertsema
Director, Customer Field & Meter Services



Safety Briefing

- In the event of an emergency, call 9-911 and alert others
- Emergency Evacuation Route (use stairwell)
- Assembly Location: Baptist Parking Lot (corner of Ashley & Main St.)
- Safety Partner (person to your right)
- Medical Conditions / CPR
- Hazard & Situational Awareness
- Cell Phone Etiquette



Safety Moment

DISASTER SUPPLY KIT CHECKLIST

General	First Aid	Important Documents
<input type="checkbox"/> At least two weeks supply of medication, medical supplies used regularly and a list of allergies <input type="checkbox"/> List of the style, serial number, and manufacturer information of required medical devices <input type="checkbox"/> Flashlight <i>Do not use candles and be sure to have enough batteries</i> <input type="checkbox"/> Radio <i>Battery operated or hand cranked radio, a NOAA weather radio</i> <input type="checkbox"/> Cash <i>Banks and ATMs may not be available after a storm</i>	<input type="checkbox"/> First Aid Manual <input type="checkbox"/> Sterile adhesive bandages of different sizes <input type="checkbox"/> Sterile gauze pads <input type="checkbox"/> Hypoallergenic adhesive tape <input type="checkbox"/> Triangular bandages <input type="checkbox"/> Scissors <input type="checkbox"/> Tweezers <input type="checkbox"/> Sewing needle <input type="checkbox"/> Moistened towelettes <input type="checkbox"/> Antiseptic <input type="checkbox"/> Thermometer <input type="checkbox"/> Tube of petroleum jelly <input type="checkbox"/> Safety pins <input type="checkbox"/> Soap <input type="checkbox"/> Latex gloves <input type="checkbox"/> Sunscreen <input type="checkbox"/> Aspirin or other pain reliever <input type="checkbox"/> Anti-diarrheal medicine <input type="checkbox"/> Antacid <input type="checkbox"/> Laxative <input type="checkbox"/> Cotton balls <input type="checkbox"/> Q-tips	<input type="checkbox"/> Insurance cards <input type="checkbox"/> Medical records <input type="checkbox"/> Bank numbers <input type="checkbox"/> Credit card numbers <input type="checkbox"/> Copy of social security card <input type="checkbox"/> Copies of birth and/or marriage certificates <input type="checkbox"/> Other personal documents Set of car, house, and office keys <input type="checkbox"/> Service animal I.D., veterinary records, and proof of ownership <input type="checkbox"/> Information about where you receive medication, the name of the drug, and dosage <input type="checkbox"/> Copy of will <i>*Items should be kept in a water proof container</i>
Pet Care Items	Food and Water	Vehicle
<input type="checkbox"/> Pet food and water <input type="checkbox"/> Proper identification <input type="checkbox"/> Medical records/ microchip info <input type="checkbox"/> A carrier or cage <input type="checkbox"/> Muzzle and leash <input type="checkbox"/> Water and food bowls <input type="checkbox"/> Medications <input type="checkbox"/> Supplies for your service animal	<input type="checkbox"/> Food <i>Enough for at least seven (7) days, nonperishable packaged or canned food and beverages, snack foods, juices, baby food, and any special dietary items</i> <input type="checkbox"/> Non-electric can opener <input type="checkbox"/> Paper plates <input type="checkbox"/> Napkins <input type="checkbox"/> Plastic cups <input type="checkbox"/> Utensils <input type="checkbox"/> Water (1 gallon per person)	<input type="checkbox"/> Keep your motor vehicle tanks filled with gasoline
Clothing	Phone Numbers	COVID-19 Supplies
<input type="checkbox"/> Include seasonal or rain gear and sturdy shoes or boots.	<input type="checkbox"/> Maintain a list of important phone numbers including: county emergency management office, evacuation sites, doctors, banks, schools, veterinarian, a number for out of town contact, friends & family	<input type="checkbox"/> Face masks <input type="checkbox"/> Disinfectant wipes <input type="checkbox"/> Hand sanitizer
Special Needs Items		
<input type="checkbox"/> Be sure to include specialty items for infants, small children, the elderly, and those family members with a disability.		

Preparing for Hurricane Season

Individuals are encouraged to have at least 7 days of supplies in the event of a natural disaster. These supplies include food, water, medicine, first aid kit, batteries, etc. Adequately stocked supplies will better prepare individuals to face this hurricane season. Recommended supply kit checklist may be found at Florida Division of Emergency Management's website listed below.

Know Your Zone, Know Your Home

It's important for residents to know if they live in a flood evacuation zone during this hurricane season. These areas and buildings are most likely to be evacuated should flooding occur. Knowing your evacuation zone will help you better prepare and understand orders from local authorities.

For additional information: www.floridadisaster.org



JEA BOARD OF DIRECTORS MEETING MINUTES
May 25, 2021

The JEA Board met in regular session at 9:00 am on Tuesday, May 25, 2021, on the 19th Floor, 21 W. Church Street, Jacksonville, Florida. The public was invited to attend this meeting in-person at the physical location and virtually via WebEx. Attendees were required to wear masks and CDC guidelines and social distancing were required at the meeting location.

WELCOME

Meeting Called to Order – Board Chair John Baker called the meeting to order at 9:00 am. Board members in attendance were Joseph DiSalvo, Dr. Zachary Faison, Dr. Leon Haley, Marty Lanahan and Thomas VanOsdol. Board member Bobby Stein was not in attendance for the meeting. A quorum of the Board was physically present for the meeting.

Others in attendance in-person were Jay Stowe Managing Director/CEO; Jody Brooks Chief Administrative Officer; Laura Dutton, Chief Strategy Officer, Steve Selders, Director IT Strategic Planning and Solution Development and Madricka Jones, Executive Assistant.

Time of Reflection – A moment of reflection was observed by all.

Introductions – Chair Baker recognizing there were no introductions to be made proceeded with the business of the meeting.

Adoption of the Agenda – On *motion* by Marty Lanahan and seconded by Joseph DiSalvo, the agenda was approved.

Safety Briefing and Moment – Mr. Selders presented the Safety Briefing and a Safety Moment on Heat Illness Prevention.

COMMENTS / PRESENTATIONS

Council Liaison's Comments – Council Member Randy DeFoor provided the Board a brief update on two key Council vote items: 1) the gas tax which is directly related to JEA and the septic tank removal; and 2) the Council leadership vote. There were no questions or comments.

Comments from the Public

In-Person Public Comments:

Valerie Gutierrez, JEA Protection and Controls System Tech II, addressed the Board to comment on: 1) JEA employees taking the Limited Retirement Option (LRO); Diverse Workforce to which she is excited to work with JEA on this initiative; 3) Making JEA viable and 4) Volunteering to which Ms. Gutierrez presented each board member “A Day of Action” T-Shirt.

Michael Register, Director, Division of Water Supply Planning and Assessment and Mary Ellen Winkler, General Counsel both representing St. John's River Water Management District (SJRWMD), addressed the Board to comment on some proposed Minimum Flows and Levels (MFLs) to be adopted for Lakes Brooklyn and Geneva in Keystone Heights, Florida. Referencing the handout they presented

to the Board, Mr. Register provided a brief background on MFLs and summarized the District's concerns and proposals as stated in their recently filed Petition.

Vivian Cash James, President, Save Our Lakes Organization in Keystone Heights, Florida, addressed the Board to provide an overview of concerns from the Keystone Community. Ms. James outlined a history of how Lakes Brooklyn and Geneva have saved the community, and she asked the Board to accept the MFLs as approved by the community's governing board.

Online Public Comment:

Betsy Condon, Resident of Keystone Heights, Florida and a Clay County Commissioner, addressed the Board on behalf of the Keystone Lakes community. Ms. Condon provided commentary on the petitions filed and asked JEA to support the Keystone Lakes environmental projects.

Email Public Comment:

Webb Farber of the Save Our Lakes Organization provided a public comment as read at the meeting by Madricka Jones. Mr. Farber provided the Board a photo depicting the current conditions at the Keystone Lakes and outlined the community's concerns to save the lakes.

Managing Director / CEO Report – Mr. Stowe opened his report with an expression of thanks to everyone offering public comments to the Board. Mr. Stowe then provided a detailed update on JEA's continued efforts around improving lives and building community. His highlights focused on the board's diversity resolution; safety and wellness; continued efforts to fill leadership team positions; recognition of JEA ambassadors and volunteers; environmental efforts to help the community; a balanced financial health report; St. John's River Water Management District and JEA efforts at Keystone Lake with an emphasis to support the lakes, the district and the environmental; a Plant Vogtle update; and a budget summary. There were no questions or comments.

CONSENT AGENDA

The Consent Agenda consists of agenda items that require Board approval but are routine in nature or have been discussed in previous public meetings of the Board.

On *motion* by Dr. Leon Haley and seconded by Marty Lanahan, all Consent Agenda items were approved.

Board Meeting Minutes – April 27, 2021 - Approved

Budget Transfers - Approved

Annual Disclosure Reports – Approved

FOR BOARD CONSIDERATION

Monthly Performance Update – Bryan Wagoner, Director, Water Operations and Treatment Support Services, opened his presentation with a congratulatory safety recognition to the System Operations and Control Center Customer Service Response Team for three years without a recordable injury incident. Mr. Wagoner then provided a JEA Performance Scorecard overview of data through April 30, 2021. During his presentation, Mr. Wagoner focused on three key areas: 1) Unbeatable Team; 2) Customer Loyalty and 3) Business Excellence to which he highlighted JEA's performance in meeting its strategic goals. Next, he reviewed key area measures and directional indicators tied to the Pay for Performance

program. Mr. Wagoner concluded his presentation with a forecast overview of safety, customer satisfaction, environmental compliance, and electric and water/wastewater costs. Board members offered positive comments.

UNBEATABLE TEAM

Diversity, Equity, and Inclusion – David Emanuel, Chief Human Resources Officer, referencing materials in the board meeting packet, introduced a board resolution reaffirming JEA’s commitment to strive for board diversity inclusion. Seeking the Board’s approval, Mr. Emanuel outlined the resolution and board members had no comments at this time. Hearing none, Chair Baker asked the Board for a motion to approve the resolution in its entirety.

On *motion* by Dr. Zachary Faison and seconded by Marty Lanahan, Resolution 2021-11 was approved.

COVID Transition – Pat Maillis, Director of Employee Services, led a discussion on JEA’s COVID transition as monitored by the COVID 19 Response Team. Ms. Maillis reviewed JEA’s COVID protocol which aligns with CDC guidelines and other leading health and infectious disease experts. Lastly, Ms. Maillis outlined the company’s “Transition To Our New Normal” as JEA prepares to move to its new headquarters in July 2022. She defined JEA’s New Normal as a work from wherever and do the job to the best of your ability model. There were comments and a brief discussion around ensuring productivity.

BUSINESS EXCELLENCE

FY2022 Draft Budget Summary – Juli Crawford, Director, Financial Planning & Analysis, referencing materials in the board meeting packet, provided a FY2022 budget summary. Ms. Crawford reviewed operating budget components for electric system and water and sewer including fuel related revenues and expenses, debt service and internal capital funds. Ms. Crawford’s review also included an overview of FY2022 total JEA labor costs and government transfers via the JEA bill. Lastly, Ms. Crawford highlighted the FY2022 board review and approval timeline. There were no comments to which Chair Baker noted the Board will vote on the FY2022 budget at its June meeting.

Hurricane Preparedness – Brandon Edwards, Director, Security and Emergency Preparedness and David Goldberg, Director, Customer and Community Engagement, led a presentation on hurricane readiness and preparedness. Mr. Edwards, citing materials in the board meeting packet, opened the discussion with a review of JEA’s 2021 preparation measures and readiness steps. He reviewed past storm impacts; the 2020 hurricane season and the 2021 storm forecast. Next, Mr. Edwards reviewed the company’s 2021 storm season preparations and protocols; its Annual Hurricane Exercise held May 18-20, 2021 and its COVID impact strategic plan. Mr. Edwards concluded his presentation with a review of JEA’s electric and water/wastewater systems hardening efforts.

Next, Mr. Goldberg provided the Board a high level overview of JEA’s customer and community engagement plans for the upcoming storm season. He reviewed the company’s Restoration 1-2-3 process utilized internally and externally for customer engagement. Mr. Goldberg highlighted the three phases of the Restoration 1-2-3 process, and JEA’s role in educating its customers, the community and media before, after and during a storm. Lastly, Mr. Goldberg highlighted JEA’s new interactive storm customer experience and multimedia campaign to include a television and radio spot, digital outdoor boards and media advertising, social media posts, bill inserts and customer emails and ambassador and volunteer events which all will be available to its customers via jea.com. Board members offered feedback and positive comments to which a brief discussion ensued.

BOARD AND COMMITTEE REPORTS

Governance Committee – Committee Chair Joseph DiSalvo provided board members an overview of the Committee’s May 6, 2021 meeting which materials were provided to the Board in their meeting packet. Mr. DiSalvo opened his report asking the Board for a Motion to approve the Minutes of the Committee’s November 10, 2020 meeting.

On *motion* by Dr. Leon Haley and seconded by Thomas VanOsdol, the Minutes of the Committee’s November 10, 2020 meeting were approved.

Next, Mr. DiSalvo provided updates from the meeting, which included highlights on Article 21 Compliance; the Board external governance review; and the July 27, 2021 Board Retreat to kick start JEA’s five year strategy plan centered on its key focus areas and objectives. There were comments to which a brief discussion ensued. Lastly, Mr. DiSalvo asked the Board for a Motion to approve the Committee’s Report and the Agenda of its May 6, 2021 meeting.

On *motion* by Thomas VanOsdol and seconded by Dr. Zachary Faison, the Committee’s Report and May 6, 2021 meeting Agenda were approved.

Finance & Audit Committee – Committee Chair Mary Lanahan provided board members an overview of the Committee’s May 14, 2021 meeting which materials were provided to the Board in their meeting packet. Ms. Lanahan gave updates on the draft budget and rate increase to come before the Board at its June 2021 meeting and the City Council in July 2021. Other report highlights included the Committee’s discussions on budget forecast versus actual; fuel cost adjustments; proposed rates and fee increases to which the Committee will ask for a Rate Hearing in August; dialogues with builders and developer groups; and peer comparisons pertaining to the development community and total impact fees. Lastly, Ms. Lanahan commented the Committee had no issues or concerns from the Audit Team and no questions or comments on the ethics information distributed to the Committee. Hearing no questions on the Committee’s Report, Ms. Brooks asked the Board for a motion to approve the Committee’s Report as presented.

On *motion* by Joseph DiSalvo and seconded by Thomas VanOsdol, the Committee’s Report of its May 14, 2021 meeting was approved.

OTHER BUSINESS AND CLOSING CONSIDERATION

Old and Other New Business / Open Discussion – Joseph DiSalvo opened a discussion on Cybersecurity and its importance to the Governance Committee. Chair Baker commented on which committee should have responsibility for Cybersecurity. A brief discussion ensued to which Chair Baker recommended having a calendar for each board committee.

Chair’s Report – None

Announcements – Next Board Meeting June 22, 2021

Adjournment – With no further business coming before the Board, Mr. Baker declared the meeting adjourned at 10:36 AM.

APPROVED BY:

Marty Lanahan, Secretary

Date: _____

Board Meeting Recorded by:

DeLisa A. Johnigarn
Executive Assistant



**Deliver
BUSINESS
EXCELLENCE
FY2022 Draft Budget
Summary**

Juli Crawford
Director, Financial Planning & Analysis



June 2021

Electric System Operating Budget Components

FY22 Budget

Fuel and Purchased Power
Reflects higher purchased power expenses

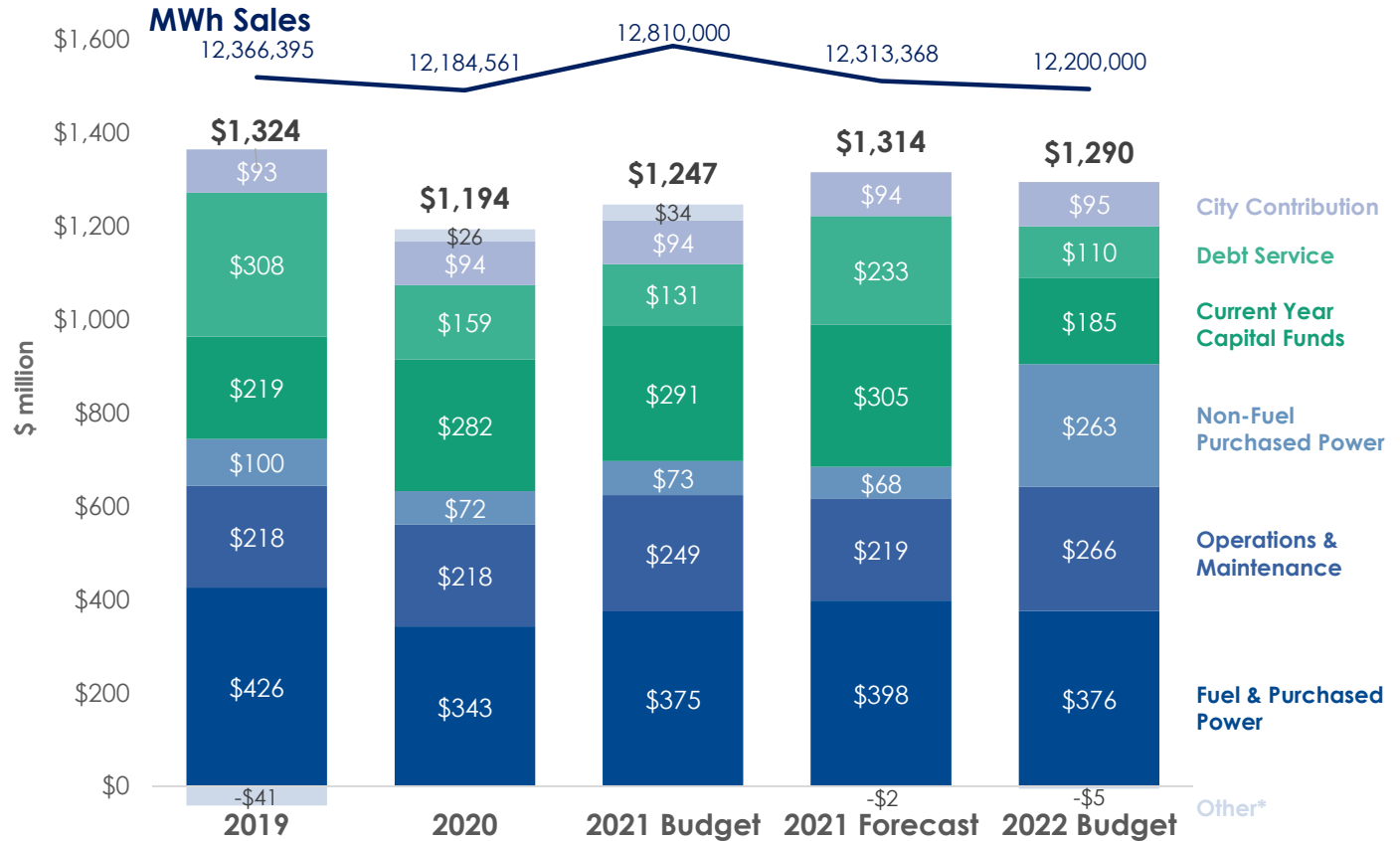
O&M
Includes COVID expenses, new headquarters lease payments, generating unit outages

Non-Fuel Purchased Power
Includes Scherer debt defeasance and MEAG PPA payments

Internal Capital Funds
Fully funds the FY22 capital program utilizing current and prior year revenues

Debt Service
Principal and interest projected to be lower than FY21

City Contribution
Based on city contribution agreement extended to 2023



Current Year Capital Funds	\$219	\$282	\$291	\$305	\$185
(To)/from Fund Balance	\$67	(\$88)	(\$73)	(\$118)	\$56
Capital Expenditures	\$286	\$194	\$218	\$187	\$241

*Other includes Base Uncollectibles, Emergency Reserve funding, use of rate stabilization funds, and PSC fees. Change in budget primarily due to a planned \$7.3 million stabilization withdrawal in FY22B compared to a \$36 million deposit in FY21B

Water and Sewer System Operating Budget Components

FY22 Budget

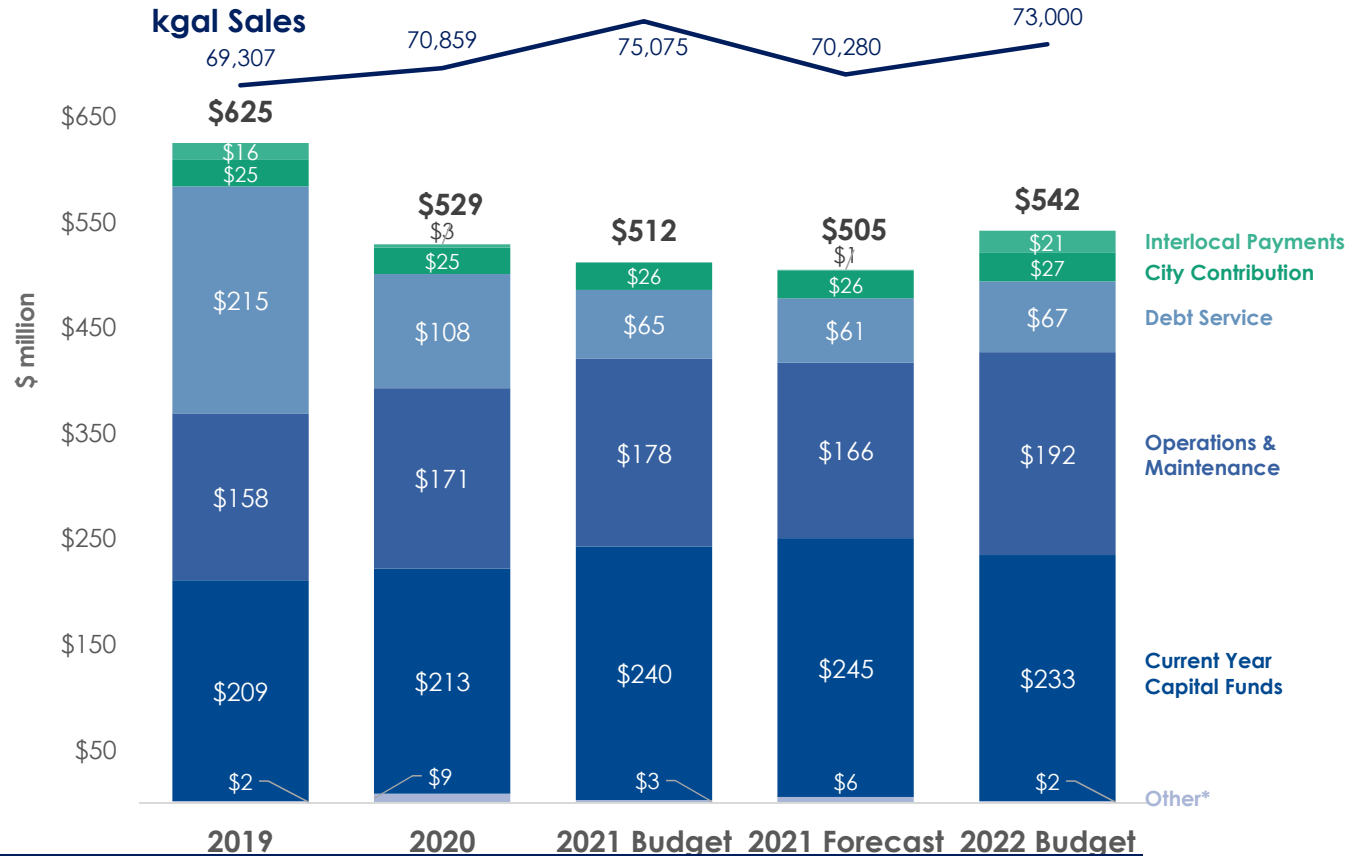
Internal Capital Funds
Funds two-thirds of the FY22 capital program

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

Debt Service
Projected to be slightly higher than FY21

City Contribution
Based on city contribution agreement extended to 2023

Interlocal Payments
Includes a prepayment to Nassau County in addition to annual payments to Clay County and St. Johns County, and Septic Tank Phase Out funding



	2019	2020	2021 Budget	2021 Forecast	2022 Budget
Current Year Capital Funds	\$209	\$213	\$240	\$245	\$233
(To)/from Fund Balance	\$4	(\$23)	\$88	(\$10)	\$129
Capital Expenditures	\$213	\$190	\$328	\$235	\$362

→ Debt Proceeds

*Other includes Uncollectibles and Emergency Reserve funding

Government Transfers via the JEA Bill

Paid to COJ:

- City Contribution
- Public Service Tax
- City Franchise Fee

Paid to State of Florida:

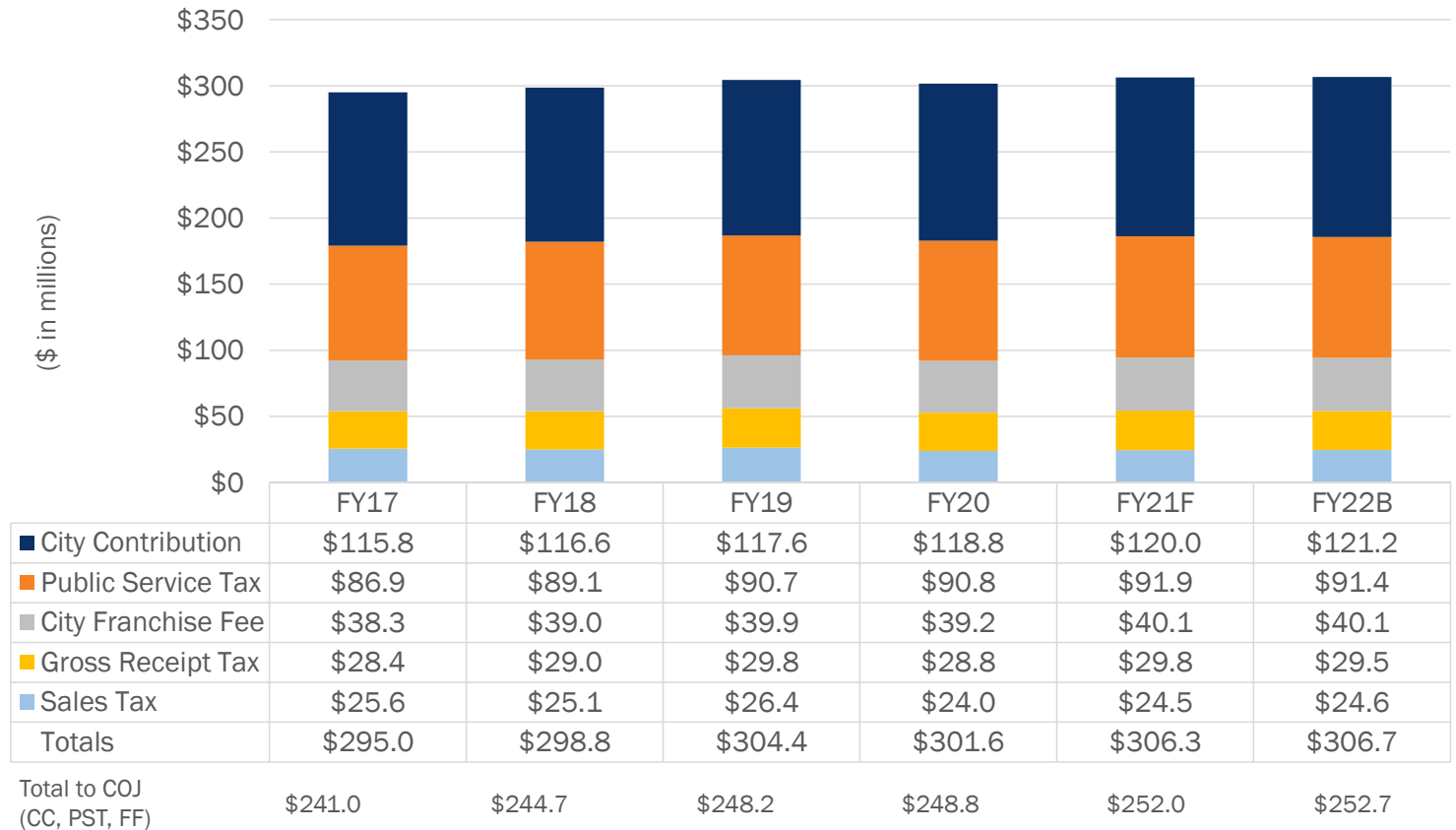
- Gross Receipt Tax

Paid to COJ & State:

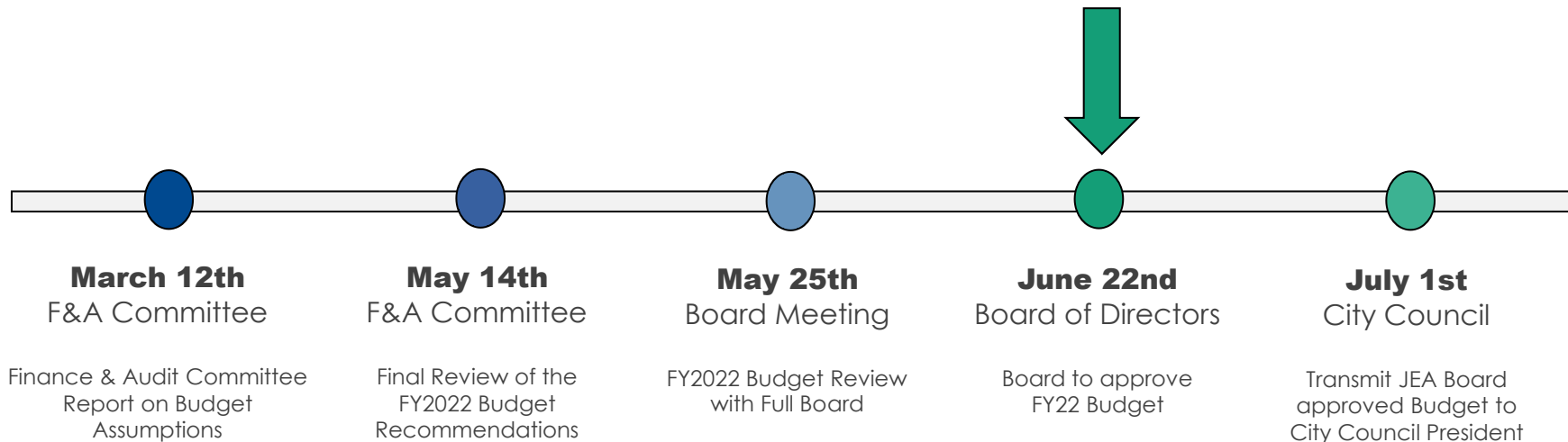
- Sales Tax

Continues to increase based upon the agreement to contribute the greater of 1% increase on the baseline or the millage calculation

The City Contribution Agreement has been extended through FY2023



FY2022 Board Review and Approval Timeline



Staff requests the Board:

- ▶ Approve the proposed operating and capital budgets for FY2022, authorize staff to transmit the recommended budgets to the Jacksonville City Council for final action by July 1, 2021 and transmit the Five-Year Capital Improvement Program as required by the Jacksonville City Planning Department
- ▶ Approve JEA's share of the SJRPP and Plant Scherer operating and capital budgets
- ▶ Authorize the Managing Director/CEO to adjust the budget approved by the Board of Directors and submitted to Council, if necessary, within the total approved budget amounts for each system





BOARD RESOLUTION: 2021-13

June 22, 2021

PROPOSED FY2022 OPERATING AND CAPITAL BUDGETS

Whereas annually, after the JEA Board's review and action, JEA staff recommends transmitting the Electric System, Water and Wastewater System, and District Energy System operating and capital budgets to the Jacksonville City Council for final action by July 1, 2020 per Charter requirements.

Whereas at the May 2021 Board of Directors meeting, staff presented key strategic initiatives and budget assumptions from the FY2022 operating and capital budgets. Budget assumptions include: Fuel Charge and base rate adjustments for the Electric System, Capacity Fee adjustments for the Water and Wastewater System and financial metrics that are within Pricing Policy targets. The proposed budgets include considerable internal funding for the capital programs with revolving credit facility advances on an interim basis, to be refinanced with new bonds for the Water and Wastewater System. The Electric System capital programs will continue to support the "pay-go" philosophy for all capital expenditures. In addition, the budget includes a record high contribution to the City of Jacksonville General Fund in the amount of \$121.2 million. The operating and capital budget schedules that will be transmitted to the City Council upon JEA Board approval are attached as Schedules A and B. As required by the City of Jacksonville, JEA transmits its Five-Year Capital Improvement Program during the annual budget process and is attached as Schedule C.

Whereas the rate and fee recommendations will be presented for approval at a public rate hearing at the August 2021 Board of Directors meeting.

Whereas on January 5, 2018 the St. Johns River Power Park (SJRPP) was decommissioned, the JEA Board will continue to approve the annual operating budget for JEA's ownership interest in SJRPP. The SJRPP budget is not approved by the City Council. Schedule D, attached, summarizes JEA's share of the proposed FY2022 operating budget for SJRPP, which includes debt service costs.

Whereas JEA owns a 23.64 percent interest in Unit 4 of the Robert W. Scherer Electric Generating Plant (Scherer Unit 4). As with SJRPP, JEA's share of the operating and capital budgets for this unit is a component of the JEA Electric System fuel and purchased power expense. The proposed FY2022 operating budget for Plant Scherer reflects a shutdown in the second quarter. Decisions regarding the operation of Unit 4 are made by majority vote of the co-owners. The JEA Board approves JEA's share of the annual budget for Scherer Unit 4, but the City Council does not review or approve the Plant Scherer budget. Schedule D, attached, summarizes JEA's share of the FY2022 operating and capital budgets for Plant Scherer. Note that this budget is subject to approval by the other co-owners.

BE IT RESOLVED by the JEA Board of Directors that:

- (1) the proposed operating and capital budgets as shown on Schedules A, B, and C (attached) will be approved and will authorize staff to transmit the recommended budgets to the Jacksonville City Council for final action, and transmit the Five-Year Capital Improvement Program (Schedule C) as required by the Jacksonville City Planning Department, and
- (2) JEA's share of the SJRPP and Plant Scherer operating and capital budgets will be approved as shown on Schedule D (attached), and
- (3) the Managing Director/CEO is authorized to adjust the budget approved by the Board of Directors and submitted to Council, if necessary, within the total approved budget amounts for each system.

Dated this 22nd day of June 2021.

JEA Board Chair

JEA Board Secretary

Form Approved by

Office of General Counsel

VOTE	
In Favor	
Opposed	
Abstained	

JEA Fiscal Year 2022 Operating and Capital Budgets
Page 2 of 2

July 1, 2021

The Honorable Samuel Newby
President, City Council
City of Jacksonville
117 West Duval Street, Suite 425
Jacksonville, FL 32202

Dear Council President Newby:

Pursuant to the City of Jacksonville Charter, I am transmitting the proposed JEA Fiscal Year (FY) 2022 budget for City Council action. The recommended operating and capital budgets provide funding for operational initiatives and capital projects which support our purpose of providing clean, safe, reliable, and affordable electric, water and wastewater services while remaining environmentally sound and financially strong.

The budget includes a \$1.2 million (1.0%) increase in City Contribution, bringing the FY2022 contribution to \$121.2 million (approximately 9.8% of JEA budgeted base revenues). JEA's total local government transfer, including contribution, franchise fees, and public service tax, is forecasted to be \$252.7 million, which represents 20.5% of budgeted base revenues and 13.7% of the total proposed budget.

The budget is sensitive to the challenges of the current economic conditions. It includes a recommendation to lower the customer Fuel Charge to \$30.50/MWh from \$32.50/MWh, an increase to Electric System base rates, as well as \$17.6 million in increases for a potential adjustment to Capacity Fees. These recommendations will be presented for approval at a public rate hearing at the August 2021 Board of Directors meeting. The FY2022 sales budgets are properly aligned to current expectations of sales in Electric and for the Water, Wastewater, and Reclaimed Water Systems. Our goal is to achieve stability by effectively balancing the need for very tight expense controls with continued investment in improving the utility system's operating performance, improving the quality of service delivery, achieving regulatory compliance, and ensuring workforce readiness.

The budget includes internal funding of the capital program to support the "pay-go" philosophy for all recurring capital expenditures for the Electric System, which has been increased by \$23.3 million from FY2021. The Water and Wastewater System increased \$34.5 million from FY2021 and will utilize internal funding and revolving credit facility advances on an interim basis, to be refinanced with new bonds

The proposed operating budgets for FY2022 are \$1,289.9 million for the Electric System, \$541.5 million for the Water and Wastewater System and \$8.8 million for the District Energy System. The proposed capital budgets for FY2022 are \$240.8 million for the Electric System, \$362.4 million for the Water and Wastewater System, and \$5.6 million for the District Energy System.

Following are highlights of the proposed budget:

- FY2022 operating budget is \$71.5 million higher than FY2021, a result of the inclusion of higher capacity fees, new building costs, and increases in Non-Fuel Purchased Power, offset by reductions in other areas.
- Debt service decreased \$19.5 million from FY2021
- Electric System Fuel Charge rate reduction to \$30.50/MWh from \$32.50/MWh

JEA Fiscal Year 2020 Operating and Capital Budgets
Page 2 of 2

- No planned Water and Wastewater System rate adjustments
- Government transfers of \$252.7 million, including, a record high City of Jacksonville General Fund contribution of \$121.2 million, Franchise Fees of \$40.1 million, and Public Service Tax collection of \$91.4 million
- Capital program to ensure continued system reliability
- Financial metrics that meet Rating Agency commitments
- Funding for key strategic issues that support the quality of service delivery, regulatory compliance, workforce readiness, communications, conservation, sewer resiliency, septic tank phase-out, and customer satisfaction initiatives
- Rigorous and disciplined focus on workplace safety

We appreciate the City Council's past and current support of JEA. We believe the attached budget will enable us to continue to improve Jacksonville's environment while supporting the economy through high quality, low-cost utility infrastructure for the citizens of our community.

Sincerely,

John Baker, Chair
Board of Directors

cc: Council Auditor
Office of Mayor (3 copies)

Attachments: Schedules A and B

**JEA
CONSOLIDATED OPERATING BUDGET
FISCAL YEAR 2022**

	Electric System	Water & Wastewater System	District Energy System	Total
FUEL RELATED REVENUES & EXPENSES:				
FUEL REVENUES:	\$ 368,899,940	\$ -	\$ -	\$ 368,899,940
Total Net Revenues	<u>\$ 368,899,940</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 368,899,940</u>
FUEL EXPENSES:				
Fuel & Purchased Power	\$ 368,899,940	\$ -	\$ -	\$ 368,899,940
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
FUEL SURPLUS/(DEFICIT)				
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
BASE RELATED REVENUES & EXPENSES				
BASE OPERATING REVENUES:				
Base Rate Revenues	\$ 785,192,000	\$ 439,929,234	\$ 8,839,543	\$ 1,233,960,777
Environmental Charge Revenue	7,442,000	27,010,000	-	34,452,000
Conservation Charge & Demand Side Revenue	732,000	-	-	732,000
Other Revenues	123,615,440	25,494,531	-	149,109,971
Natural Gas Pass Through Revenue	823,420	-	-	823,420
Total Base Related Revenues	<u>\$ 917,804,860</u>	<u>\$ 492,433,765</u>	<u>\$ 8,839,543</u>	<u>\$ 1,419,078,168</u>
BASE OPERATING EXPENSES:				
Operating and Maintenance	\$ 255,776,299	\$ 184,882,130	\$ 5,127,990	\$ 445,786,419
Environmental	2,263,500	7,608,200	-	9,871,700
Conservation & Demand-side Management	7,227,800	-	-	7,227,800
Natural Gas Pass Through Expense	918,473	-	-	918,473
Non-Fuel Purchased Power	263,361,133	-	-	263,361,133
Non-Fuel Uncollectibles & PSC Tax	1,391,596	700,409	-	2,092,005
Emergency Reserve	5,000,000	1,000,000	-	6,000,000
Total Base Related Expenses	<u>\$ 535,938,801</u>	<u>\$ 194,190,739</u>	<u>\$ 5,127,990</u>	<u>\$ 735,257,530</u>
BASE OPERATING INCOME:	<u>\$ 381,866,059</u>	<u>\$ 298,243,026</u>	<u>\$ 3,711,553</u>	<u>\$ 683,820,638</u>
NON-OPERATING REVENUE:				
Investment Income	3,194,911	2,075,631	-	5,270,542
Transfer To/From Fuel Recovery	-	-	-	-
Capacity Fees	-	47,000,000	-	47,000,000
Total Non Operating Revenues	<u>\$ 3,194,911</u>	<u>\$ 49,075,631</u>	<u>\$ -</u>	<u>\$ 52,270,542</u>
NON-OPERATING EXPENSES:				
Debt Service	109,816,948	67,135,355	3,171,208	180,123,511
Demand-side Management - Rate Stabilization	-395,800	-	-	-395,800
Environmental - Rate Stabilization	-3,821,756	-	-	-3,821,756
Total Non Operating Expenses	<u>\$ 105,599,392</u>	<u>\$ 67,135,355</u>	<u>\$ 3,171,208</u>	<u>\$ 175,905,955</u>
BASE INCOME BEFORE TRANSFERS	<u>\$ 279,461,578</u>	<u>\$ 280,183,302</u>	<u>\$ 540,345</u>	<u>\$ 560,185,225</u>
City Contribution Expense	94,545,651	26,666,722	-	121,212,373
Interlocal Payments	-	21,000,000	-	21,000,000
Renewal and Replacement Fund	65,000,000	25,243,465	426,828	90,670,293
Operating Capital Outlay	116,621,139	149,471,315	113,517	266,205,971
Environmental Capital Outlay	3,294,788	10,801,800	-	14,096,588
Capacity Fees	-	47,000,000	-	47,000,000
Operating Contingency	-	-	-	-
Total Non-Fuel Expenses	<u>\$ 279,461,578</u>	<u>\$ 280,183,302</u>	<u>\$ 540,345</u>	<u>\$ 560,185,225</u>
SURPLUS/(DEFICIT)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
TOTAL REVENUES	<u>\$ 1,289,899,711</u>	<u>\$ 541,509,396</u>	<u>\$ 8,839,543</u>	<u>\$ 1,840,248,650</u>
TOTAL APPROPRIATIONS	<u>\$ 1,289,899,711</u>	<u>\$ 541,509,396</u>	<u>\$ 8,839,543</u>	<u>\$ 1,840,248,650</u>
BUDGETED EMPLOYEE POSITIONS	1,527	650	6	2,183
BUDGETED TEMPORARY HOURS	104,000	20,800	0	124,800

**JEA
CONSOLIDATED CAPITAL BUDGET
FISCAL YEAR 2022**

	Electric System	Water & Wastewater System	District Energy System	Total
CAPITAL FUNDS:				
Renewal & Replacement Deposits	\$ 65,000,000	\$ 25,243,465	\$ 426,828	\$ 90,670,293
Operating Capital Outlay	116,621,139	149,471,315	113,517	266,205,971
Environmental Capital Outlay	3,294,788	10,801,800	-	14,096,588
Capacity Fees	-	47,000,000	-	47,000,000
Debt Proceeds	-	129,885,420	-	129,885,420
Other Proceeds	55,886,073	-	5,009,944	60,896,017
Total Capital Funds	<u>\$ 240,802,000</u>	<u>\$ 362,402,000</u>	<u>\$ 5,550,289</u>	<u>\$ 608,754,289</u>
CAPITAL PROJECTS:				
Generation Projects	\$ 40,010,000	\$ -	\$ -	\$ 40,010,000
Transmission & Distribution Projects	119,503,000	-	-	119,503,000
District Energy Projects	-	-	5,550,289	5,550,289
Water Projects	-	96,792,000	-	96,792,000
Sewer Projects	-	231,120,000	-	231,120,000
Other Projects	81,289,000	34,490,000	-	115,779,000
Total Capital Projects Subtotal	<u>\$ 240,802,000</u>	<u>\$ 362,402,000</u>	<u>\$ 5,550,289</u>	<u>\$ 608,754,289</u>
Capital Reserve	-	-	-	-
Total Capital Projects	<u>\$ 240,802,000</u>	<u>\$ 362,402,000</u>	<u>\$ 5,550,289</u>	<u>\$ 608,754,289</u>

JEA
Five Year Capital Improvement Program
Fiscal Years 2022-2026
(\$000'S Omitted)

<u>Project Title</u>	<u>FY2022</u>	<u>FY2023</u>	<u>FY2024</u>	<u>FY2025</u>	<u>FY2026</u>	<u>Project Total</u>
Electric System Generation	40,010	42,222	42,704	50,300	174,147	349,383
Electric System Transmission and Distribution	119,503	117,813	99,401	99,809	98,694	535,220
Electric System Other	81,289	50,072	38,799	37,952	35,897	244,009
Total	<u>\$240,802</u>	<u>\$210,107</u>	<u>\$180,904</u>	<u>\$188,061</u>	<u>\$308,738</u>	<u>\$1,128,612</u>
Water Treatment and Distribution	96,792	99,902	106,228	90,603	70,359	463,884
Sewer, Wastewater, and Reclaimed	231,120	279,329	250,575	167,231	114,817	1,043,072
Water Other Capital	34,490	31,267	36,762	30,740	30,503	163,762
Total	<u>\$362,402</u>	<u>\$410,498</u>	<u>\$393,565</u>	<u>\$288,574</u>	<u>\$215,679</u>	<u>\$1,670,718</u>
District Energy System	<u>\$5,550</u>	<u>\$2,724</u>	<u>\$5,674</u>	<u>\$2,931</u>	<u>\$2,550</u>	<u>\$19,429</u>

**JEA
ST. JOHNS RIVER POWER PARK (SJRPP)
AND PLANT SCHERER (SCHERER)
OPERATING AND CAPITAL BUDGET
FISCAL YEAR 2022**

	SJRPP	SCHERER
OPERATING BUDGET:		
Revenue:		
Operating Revenue from JEA	\$ 22,570,115	\$ 97,365,343
Expenses:		
Fuel and O & M	\$ -	\$ 16,047,727
Transmission	-	1,640,811
Debt Service	20,062,324	77,635,936
Renewal & Replacement	2,507,791	2,040,869
Total Expenses	<u>\$ 22,570,115</u>	<u>\$ 97,365,343</u>
CAPITAL BUDGET :		
	<u>\$ -</u>	<u>\$ 2,040,869</u>

MWHs Purchased by JEA Electric System 308,616

Notes: all Plant Scherer employees are Georgia Power Co. employees.
SJRPP was decommissioned as of January 5, 2018.



Monthly Performance Update

Bob Kipp
Senior Director, Generation

JEA
June 22, 2021

JEA Performance Scorecard | Data through May 31, 2021

- Pay-for-Performance Measure
- ▲ Higher is good
- ▼ Lower is good
- On Plan or Better
- At Risk
- Unfavorable

		FY19	FY20	FY21 Goal	FY21 YTD	FY21 Forecast
UNBEATABLE TEAM	• ▼ Safety - Recordable Incident Rate (RIR)	1.51	0.95	≤ 1.4	0.91	≤ 1.0
	▲ Diversity - Female Representation %	21%	22%	N/A	22%	N/A
	▲ Diversity - People of Color Representation %	24%	25%	N/A	25%	N/A
	▲ Diversity - Veteran Representation %	19%	19%	N/A	19%	N/A
CUSTOMER LOYALTY	• ▲ Customer Satisfaction - Residential (JD Powers)	1st Quartile	3rd Quartile	1st Quartile	4th Quartile	4th Quartile
	• ▲ Customer Satisfaction - Commercial (JD Powers)	2nd Quartile	2nd Quartile	Top 10	4th Quartile	4th Quartile
	▼ Nitrogen to the River (tons)	397	299	450	244	391
	▼ Sanitary Sewer Overflows (per 100 miles of pipe)	36	48	30	24	30
	▼ Environmental Compliance - Permit Exceedances	0	1	< 4	1	1
BUSINESS EXCELLENCE	▲ Sales - Electric System (MWh)	12,366	12,185	12,200	7,569	12,315
	▲ Sales - Water System (Million Gallons)	37,696	38,272	38,500	24,201	37,541
	▲ Sales - Wastewater System (Million Gallons)	27,726	28,160	28,500	18,517	28,311
	▲ Sales - Reclaim (Million Gallons)	3,884	4,427	4,500	2,830	4,538
	▲ Revenue - Total System (\$M)	\$1,625	\$1,600	\$1,625	\$1,030	\$1,638
	▼ Outstanding Debt (\$M)	\$3,621	\$3,257	\$2,948	\$3,050	\$2,948
	▼ Operations & Maintenance (O&M) Spend (\$M)	\$381	\$393	\$432	\$232	\$374
	▼ Capital Spend (\$M)	\$499	\$387	\$499	\$203	\$406
	▼ Fuel & Purchased Power Expense (\$/MWh)	\$34.48	\$28.07	\$29.21	N/A	\$32.32
	• ▼ Electric Cost (\$/MWh)	\$63.68	\$50.95	\$53.51	N/A	\$47.97
	• ▼ Water Cost (\$/Kgal)	\$4.95	\$4.50	\$5.31	N/A	\$4.94
	• ▼ Wastewater Cost (\$/Kgal)	\$9.50	\$8.08	\$10.24	N/A	\$8.55
	▼ Reliability - System Average Interruption Duration Index (SAIDI) (12-month Rolling outages per year per customer)	65	89	75	78	79
	▼ Reliability - System Average Interruption Frequency Index (SAIFI) (12-month Rolling minutes per year per customer)	1.3	1.4	1.4	1.4	1.5
	▼ Reliability - Effective Forced Outage Rate (EFOR)	4.9%	2.3%	2.5%	4.6%	2.8%
▼ Reliability - Water Unplanned Outages (Number of Customers)	9,268	15,342	6,750	4,433	6,616	
▼ Water Pressure (average min < 30 psi)	8.8	4.0	3	2.3	3	

Pay for Performance currently forecasted at 3.3% of base salaries



FY2022 Proposed Rate & Fee Adjustments

Water, Sewer, & Electric

Juli Crawford
Director, Financial Planning &
Analysis



June 2021

FY2022 PROPOSED RATE & FEE ADJUSTMENTS

AGENDA



Part One: Water & Sewer Rate Adjustments

- Capacity Fees
- Tap & Meter Fees
- Large Commercial
Water Rates



Part Two: Electric Rate Adjustments

- Base Rate
- Bill Impacts



Part Three: Timeline

- Recommendations
- Public Hearing
- Communications



Part Four: Next Steps

Staff recommendations
presented to the Board of
Directors for feedback and
direction

RATES & FEES

Overview

Water & Sewer

Rate Adjustment Recommendations

- ? Plant Capacity Fees
- ? Tap & Meter Fees
- ? Large Commercial Water Rate

Other Tariff Administrative Items

- Backflow Prevention Devices
- Use of funds – Line Extension Growth Capacity Charges
- Fire Protection language
- Tariff Reformat

Electric

Rate Adjustment Recommendations

- ? Energy Rate

Other Tariff Administrative Items

- Economic Development Programs
- Remove Residential Flex Rate Pilot
- Other format edits

WATER & SEWER RATE ADJUSTMENTS

CAPACITY FEES

WATER & SEWER COST RECOVERY STRUCTURE

Water & Sewer Capacity Project Costs

Capacity fees and charges are one-time fees paid by builders or customers connecting to the system to recover the cost of capacity expansion. A large portion of our Capital Improvement Plan (CIP) is driven by growth and providing additional water, sewer, and/or reclaimed capacity. These projects are a direct indication of the cost to connect new customers.

JEA's rate consultant, Stantec, has reviewed calculations and fees.



	Cost Allocated To Expansion (Five Year CIP)	Expansion Capacity	Total Cost Per Gallon	Calculated ³ / ₄ " Capacity Fee
Water	\$59 million	12.57 MGD	\$4.68 (Current Fee Basis \$0.97)	\$1,989* (Current Fee \$680)
Sewer	\$268 million	10.5 MGD	\$25.57 (Current Fee Basis \$3.64)	\$5,114 (Current Fee \$1,274)

Current project costs indicate a higher cost for connection than current fees collect



*Includes fees for Water & Irrigation
MGD = million gallons per day

Sewer projects have a Reclaim component built into total project cost

Costs per gallon do not calculate due to rounding – calculated by dividing total MGD by gallons per day for a ¾" connection, then dividing that into total project cost for cost per gallon

CAPACITY FEES

WATER & SEWER RATE ADJUSTMENTS

Current water and sewer capacity fees have been in place, unchanged, for the past 15+ years

Based on feedback from stakeholders and conversations with the Northeast Florida Builders Association, JEA is focused on providing a transition into recommended fees over time to assist in absorbing the costs gradually

		Recommended ¾" Capacity Fee					Estimated Additional Annual Revenue ¹	
		Current	Oct '21	Apr '22	Oct '22	Apr '23	FY22	FY23
Water		\$339.50	\$380.00	\$566.00	\$752.00	\$936.00	\$3M	\$5M
Irrigation		\$339.50	\$427.50	\$636.75	\$846.00	\$1,053.00	\$1M	\$2M
Sewer		\$1,274.00	\$1,824.00	\$2,920.00	\$4,016.00	\$5,114.00	\$17M	\$29M

Staff recommends phasing in proposed capacity fees over a 2 year period effective October 1, 2021

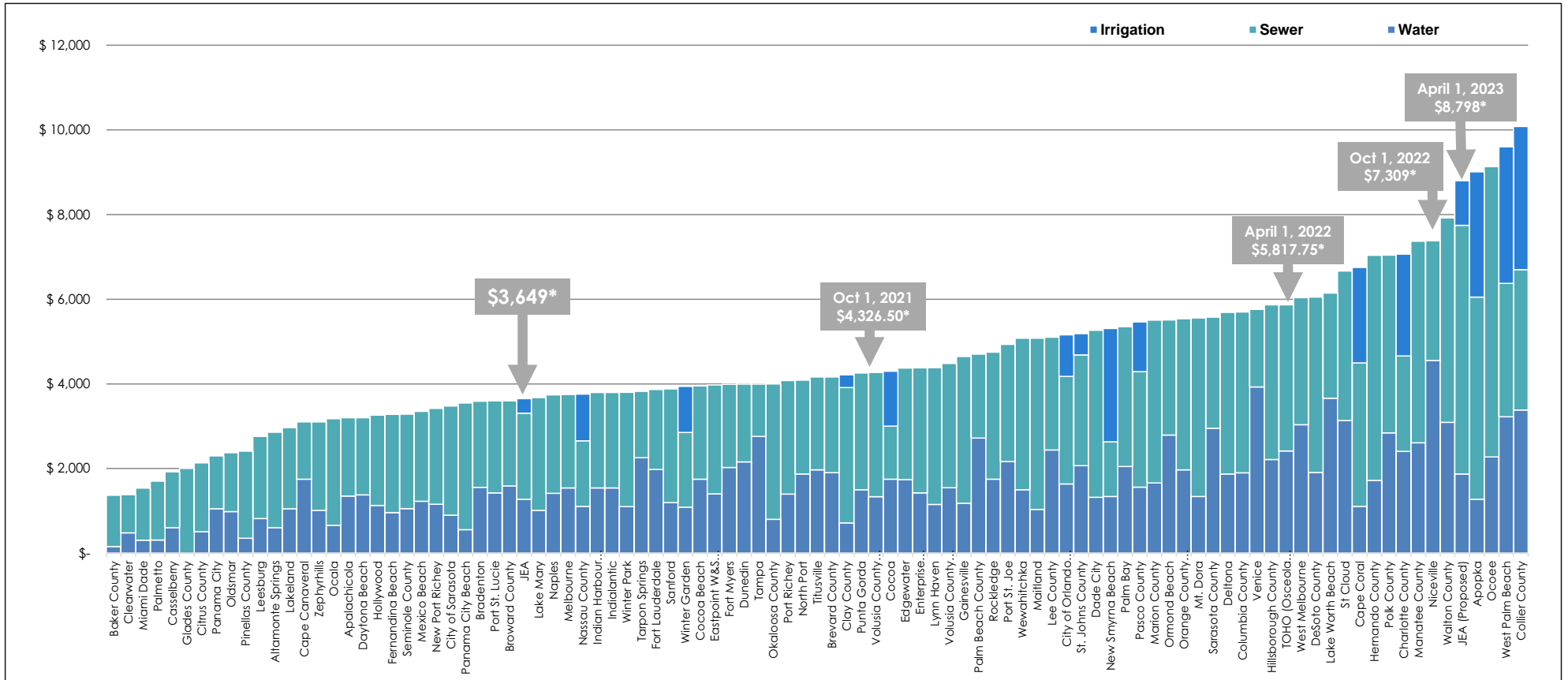


¹Based on FY20 New Connections

See supplemental information for recommended capacity fees for all meter sizes

BENCHMARKS

FLORIDA COMBINED CAPACITY FEES



*Note: Includes Line Extension Growth Capacity Charges of \$1,695; No adjustments recommended at this time. Staff will evaluate pricing and make recommendations in the future.

TAP AND METER FEES

WATER & SEWER RATE ADJUSTMENTS

Tap & Meter Costs and Customer Fees

Meter and Tap Fees are paid by customers connecting to the system to recover the cost of the meter and tap materials and labor to sufficiently serve the maximum quantities of water and sewer permitted by the customers. The associated costs include, but are not limited to, meters, modules, cable, piping and outdoor casing.

JEA is under-collecting approximately \$1.6 million annually on ¾" meter sets and taps alone



	Current Fee	Recommended Fee <i>(equal to cost)</i>
¾" Meter Set	\$202.30	\$300
1" Tap	\$610	\$1,360

Staff recommends setting tap & meter fees equal to cost



See supplemental information for recommended tap & meter fees for all sizes

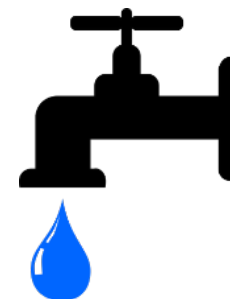
LARGE COMMERCIAL WATER

WATER & SEWER RATE ADJUSTMENTS

Large Commercial: Water rates for 10” meters and larger

JEA currently allows commercial water users with a 10” meter or larger access to a discounted water usage rate. Based on the current rate structure, this large meter rate of \$1.24 represents a \$.25 discount below the standard Commercial rate of \$1.49 per thousand gallons used.

This pricing structure is not supported by the cost of service, as these larger meters demonstrate greater peaking activity than those smaller than 10”.



There are currently 53 customers that have a 10” water meter and 3 Customers with a 12” meter. Over \$400,000 impact without the discount

Staff recommends setting all commercial volume charges equal, as is supported by the cost of service study





ELECTRIC RATE ADJUSTMENTS

BASE RATE

ELECTRIC RATE ADJUSTMENTS

Per Pricing Policy

"The Base Rate will recover expenditures necessary to operate and maintain the system, depreciation expense, capital required to maintain the system, the necessary contribution to the City, any special charges for programs adopted by JEA and approved by the Board, and additional revenues required to maintain the financial integrity of the System."

Annual Cost (Revenue Requirements)	5 Year Forecast
Operation & Maintenance	
Power Purchase Obligations	
Depreciation	
City Contribution	

Increasing costs primarily driven by Vogtle Municipal Electric Authority of Georgia (MEAG) Power Purchase Agreement (PPA) are driving the need for additional revenues to recover the cost and maintain financial integrity



BASE RATE

Plant Vogtle / Municipal Electric Authority of Georgia (MEAG) Power Purchase Agreement (PPA)

Impact of initial operation date of 2016 delayed to 2021:

- Total JEA cost has increased over \$900 million
- Fuel expenses were roughly \$90 million more 2016-2021
- JEA generation expenditure plans were altered to accommodate the unfulfilled 200MW of nuclear power since 2016

Total Non-Fuel Vogtle Payments (\$ in millions)			
FY22	FY23	FY24	FY25
\$102	\$159	\$167	\$168

JEA has mitigated a portion of the Vogtle MEAG Power Purchase Agreement (PPA) expense with the following actions:

- St. John's River Power Park (SJRPP) closure
- Agreement to replace Scherer Unit 4 with corresponding Florida Power & Light (FPL) PPA
- Utility scale solar PPA
- A significant amount of debt reduction

Despite these efforts, base rate increases are necessary to recover expenses associated with the Vogtle / MEAG PPA



ENERGY RATE

ELECTRIC RATE ADJUSTMENTS

Recommended

Raise Energy Rate by
\$0.00183/kWh

Estimated Additional Revenue

\$22M

RESIDENTIAL BILL IMPACT

Average residential bill based on 1,000 kWh per month

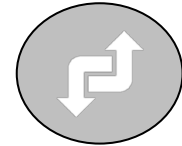
Current		FY22 Proposed	
Basic Monthly Charge	\$5.50	Basic Monthly Charge	\$5.50
Energy Charge	69.88	Energy Charge	71.71
Environmental Charge	0.62	Environmental Charge	0.62
Fuel Charge	32.50	Fuel Charge	30.50
<hr/>		<hr/>	
Total <i>before taxes and fees</i>	\$108.50	Total <i>before taxes and fees</i>	\$108.33
Taxes and Fees	14.84	Taxes and Fees	15.01
<hr/>		<hr/>	
Total <i>after taxes and fees</i>	\$123.34	Total <i>after taxes and fees</i>	\$123.34



Note: ISXLD energy rate change \$0.00182/kWh

RATE CLASS IMPACTS

ELECTRIC RATE ADJUSTMENTS



	Number of Customers	Total Current Typical Bill Amount (includes taxes)	Total New Typical Bill Amount (includes taxes)	\$ Change in Typical Bill Amount
Residential	430,000	\$123.34	\$123.34	\$0.00
General Service	50,000	\$310.02	\$309.99	(\$0.03)
General Service Demand	4,000	\$7,462.88	\$7,462.20	(\$0.68)
General Service Large Demand	135	\$75,390.00	\$75,382.00	(\$8.00)
Interruptible	45	\$290,151.00	\$290,111.00	(\$40.00)

With the fuel charge decrease, **all customer class energy rate increases will result in an essentially bill neutral impact**

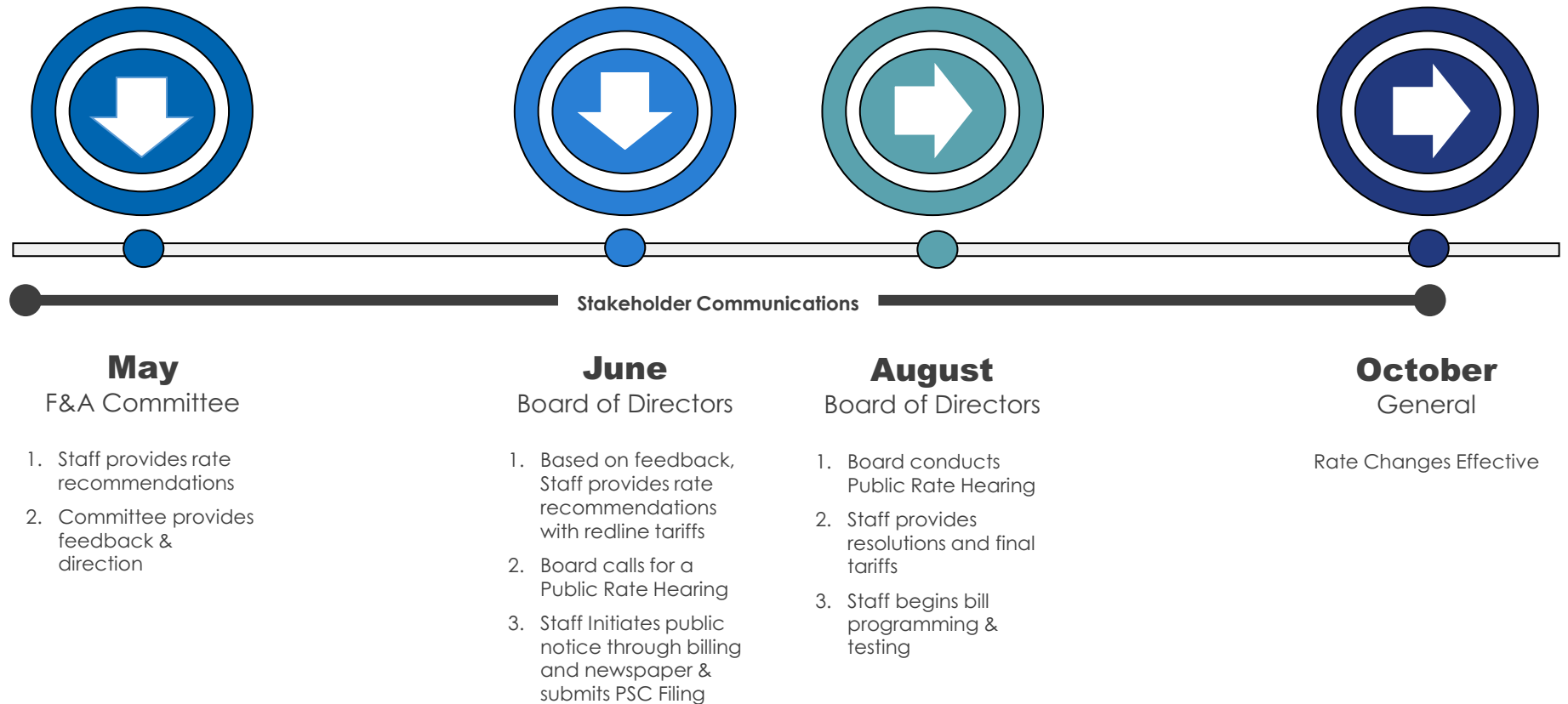


Note: Rate changes subject to Board approval and PSC submission

TIMELINE & NEXT STEPS

RATES & FEES

TIMELINE



RATES & FEES

Next Steps

Staff recommends the Board call for a Public Rate Hearing to consider:

Water & Sewer

Rate Adjustment Recommendations

- ? Plant Capacity Fees
- ? Tap & Meter Fees
- ? Large Commercial Water Rate

Other Tariff Administrative Items

- Backflow Prevention Devices
- Use of funds – Line Extension Growth Capacity Charges
- Fire Protection language
- Tariff Reformat

Electric

Rate Adjustment Recommendations

- ? Energy Rate

Other Tariff Administrative Items

- Economic Development Programs
- Remove Residential Flex Rate Pilot
- Other format edits

SUPPLEMENTAL INFORMATION & SUPPORTING DATA

SUPPLEMENTAL INFORMATION

WATER & SEWER- CAPITAL PROJECT COSTS DRIVE CAPACITY COSTS

Select Water Plant Capacity Expansion Projects

Project	Project Status	Total Cost DEC F&A	Total Cost 4/23/2021	Delta	Costs Allocated to Expansion 4/23/2021	Capacity 4/23/2021	Unit Cost 4/23/2021
Northwest Regional WTP	Complete	\$10,130,622	\$10,134,069	\$3,447	\$10,134,069	2.40 MGD	\$4,222,529
Westlake WTP	Planned	\$9,549,729	\$14,858,862	\$5,309,133	\$14,858,862	4.00 MGD	\$3,714,716
River Town WTP	Post Bid/ Pre Award	\$16,826,093	\$18,613,099	\$1,787,006	\$18,613,099	1.88 MGD	\$9,900,585
West Nassau Regional WTP	Complete	\$8,553,245	\$8,553,245	\$0	\$8,553,245	1.40 MGD	\$6,109,461
Greenland WTP	Construction	\$6,656,136	\$6,656,187	\$51	\$6,656,187	2.89 MGD	\$2,303,179
Total		\$51,715,825	\$58,815,462	\$7,099,637	\$58,815,462	12.57 MGD	\$4,679,034
						Cost Per Gallon	\$4.68

Select Wastewater Plant Capacity Expansion Projects

Project	Project Status	Total Cost DEC F&A	Total Cost 4/23/2021	Delta	Costs Allocated to Expansion 4/23/2021	Capacity 4/23/2021	Unit Cost 4/23/2021
Blacks Ford WRF	Complete	\$67,208,993	\$67,208,993	\$0	\$67,208,993	3.00 MGD	\$22,402,998
Southwest WRF	Final Design	\$42,210,119	\$42,210,119	\$0	\$42,210,119	2.00 MGD	\$21,105,060
Nassau Regional WRF	Schematic Design	\$28,548,000	\$53,818,181	\$25,270,181	\$53,818,181	1.50 MGD	\$35,878,787
Greenland WRF	Final Design	\$105,187,135	\$105,187,135	\$0	\$105,187,135	4.00 MGD	\$26,296,784
Total		\$243,154,247	\$268,424,428	\$25,270,181	\$268,424,428	10.50 MGD	\$25,564,231
						Cost Per Gallon	\$25.57

SUPPLEMENTAL INFORMATION

COST OF SERVICE INCREMENTAL METHODOLOGY

The cost to build new capacity and install new connections are significantly greater than previous investments which warrants the selection of the incremental methodology.

Stantec's updated cost of service analysis and calculated current estimated cost of capacity fees was based on revised 2021 Water and Sewer Expansion Capital Improvement Projects Infrastructure Plan

		CURRENT PLANT CAPACITY FEES			PLANT CAPACITY COST				
	Water (w/o Reclaimed)	Water	Irrigation	Sewer	Water	Irrigation	Sewer	Water (w/o Reclaimed)	
Residential									
Gallons per day ¾" meter	350	350	350	350	200	225	200	250	GPD
	x							x	
Dollars per gallon	\$0.97	\$0.97	\$0.97	\$3.64	\$4.68	\$4.68	\$25.57	\$4.68	\$/gal
	=							=	
Subtotals	\$340	\$340	\$340	\$1,274	\$936	\$1,053	\$5,114	\$1,170	\$ total
Water & Sewer Total	\$1,614	\$1,954			\$7,103			\$6,284	

Proposed bi-annual phase-in of the \$5,149 variance over two years



SUPPLEMENTAL INFORMATION

CAPACITY FEES

Meter Size	Updated Level of Service	Basis	Cost per Gallon	Cost of Service Plant Capacity Fee
Water (w/o Irrigation)				
¾"	250	Average Day	\$4.68	\$1,170
1"	300	Average Day	\$4.68	\$1,404
1 ½"	450	Average Day	\$4.68	\$2,106
2" & greater	Based on estimated AADF	Fee based on the estimated average daily flow	\$4.68	TBD
Water (w/ Irrigation)				
¾"	200	Average Day	\$4.68	\$936
1"	250	Average Day	\$4.68	\$1,170
1 ½"	300	Average Day	\$4.68	\$1,404
2" & greater	Based on estimated AADF	Fee based on the estimated average daily flow	\$4.68	TBD
Irrigation				
¾"	225	Average Day	\$4.68	\$1,053
1"	325	Average Day	\$4.68	\$1,521
1 ½"	700	Average Day	\$4.68	\$3,276
2" & greater	Based on estimated AADF	Fee based on the estimated average daily flow	\$4.68	TBD
Sewer				
¾"	200	Average Day	\$25.57	\$5,114
1"	250	Average Day	\$25.57	\$6,393
1 ½"	300	Average Day	\$25.57	\$7,671
2" & greater	Based on estimated AADF	Fee based on the estimated average daily flow	\$25.57	TBD



SUPPLEMENTAL INFORMATION

TAP & METER FEES

Today's Fees

Meter Size	¾"	1"	1 ½"	2"	3"	4"	6"	8"	10"
Meter Fee	\$202.33	\$223.71	\$527.26	\$588.96	\$8,767.80	\$9,934.35	\$13,555.21	\$20,850.65	\$26,300.83
Tap Size	1"	1"	2"	2"	3"	4"	6"	8"	10"
Water Tap Fee	\$610	\$610	\$700	\$700	Average cost of the installation to JEA				
Sewer Tap Fee	\$1,853	\$1,853	\$1,853	\$1,853					

Proposed Fees

Meter Size	¾"	1"	1 ½"	2"	3"	4"	6"	8"	10"
Meter Fee	\$300.00	\$320.00	\$1,010.00	\$1,150.00	\$7,340.00	\$7,530.00	\$11,490.00	\$17,210.00	\$24,160.00
Tap Size	1"	1"	2"	2"	3"	4"	6"	8"	10"
Water Tap Fee	\$1,360	\$1,360	\$1,770	\$1,770	Average cost of the installation to JEA				
Sewer Tap Fee	\$8,330	\$8,330	\$8,330	\$8,330					





BOARD RESOLUTION: 2021-15

June 22, 2021

FY22 PROPOSED RATE AND FEE ADJUSTMENTS

WHEREAS JEA has an ongoing plan to review, update, and where possible, expand its rate options to provide customers more rate choices for their utility services.

WHEREAS Staff presented an analysis of Water and Wastewater capacity fees and Electric charges at the May Finance and Audit Committee meeting; and

WHEREAS Staff demonstrated the requested modifications to existing electric energy charges, proposed additional modification to the Electric Tariff Documentation to extend the Economic Development program, and

WHEREAS Staff demonstrated the requested modifications to water & wastewater plant capacity fees, tap and meter fees, water volume charges for 10” meters and larger, proposed reformatting to the Water and Sewer Rate Documentation including modifying the administrative items: Backflow Prevention program and Use of Funds for Line Extension Growth Capacity Fees, and

WHEREAS these opportunities exist to improve cost recovery efforts to support JEA’s financial objectives

BE IT RESOLVED by the JEA Board of Directors that:

The Board take action and call a public hearing to occur during the regularly scheduled Board meeting, on August 24, 2021.

Dated this 22nd day of June

JEA Board Chair

JEA Board Secretary

Form Approved by

Office of General Counsel

VOTE	
In Favor	
Opposed	
Abstained	

JEA

Thirty-Eighth Revised Sheet No. 1.0
Canceling Thirty-Seventh Revised Sheet No. 1.0

ELECTRIC TARIFF DOCUMENTATION
VOLUME 1

JEA
21 W. Church St.
Jacksonville, Florida 32202-3139
(904) 665-6000

DESCRIPTION OF TERRITORY SERVED

JEA furnishes retail electric service to the major portion of Duval County, including the City of Atlantic Beach and the Town of Baldwin. In addition, JEA provides retail electric service to the Town of Orange Park, to parts of St. Johns and Clay Counties and wholesale electric service to the City of Fernandina Beach.

Submitted to the Public Service Commission

**Approved by the JEA Board
August 24, 2021**

JEA

Thirteenth Revised Sheet No. 2.0
Canceling Twelfth Revised Sheet No. 2.0

TABLE OF CONTENTS

	<u>Sheet Number</u>
Miscellaneous.....	3.0
Index of Electric Service Rate Schedules.....	4.0
Electric Service Rate Schedules, Riders, and Disclaimer.....	5.0 – 21.0
Standard Forms/Blank Fill Forms.....	22.0 – 29.0
Renewable Energy Standard Offer Contract (Qualifying Facility).....	32.0
Renewable Generation Interconnection Agreement.....	33.0
Renewable Generation Interconnection Agreement (Tier 3).....	34.0
JEA SolarMax Rate Agreement.....	35.0

JEA

Thirtieth Revised Sheet No. 3.0
 Canceling Twenty-Ninth Revised Sheet No. 3.0

PUBLIC SERVICE TAX

Legal Authority Chapter 792, Ordinance Code, City of Jacksonville, Florida; Section 166.231, Florida Statutes as amended by Senate Bill #1-D of 1978 and as further amended by Senate Bill #28-D of 1982.

Applicable To any electric service account located within the corporate limits of the City of Jacksonville with the exception of accounts of the United States of America, State of Florida, County of Duval, City of Jacksonville, other City Authorities, and churches used for religious purposes. The Public Service Tax is not applicable to electric service accounts located outside Duval County or within the two urban service districts of Atlantic Beach and Baldwin, and to sales for resale.

Rate Per Month The charge per month shall be 10% of the taxable portion of Base Revenue.

Determination of Taxable Base Revenues Taxable Base Revenue shall be the total electric service charges as determined by the applicable rate schedule plus the Gross Receipts Tax plus Franchise Fee less the energy charges for non-taxable fuel cost component within the base rate. Currently the non-taxable fuel component within the fuel rate is ~~2.7392~~.539 cents per kilowatt hour consumption for all rate schedules.

Collection of Taxes For Others JEA collects a public service tax on any electric service accounts it serves in the Atlantic Beach, Orange Park and Baldwin urban service districts and unincorporated Clay County. This public service tax is collected on behalf of, and remitted to, the Cities of Atlantic Beach, Orange Park, Baldwin and Clay County, respectively. Currently, the monthly public service tax is 5% for Atlantic Beach, 10% for Baldwin and Orange Park, and 4% on usage above 500 kWh for Clay County of the taxable portion of base residential revenues. The Taxable Base Revenues are determined as above, with a fuel rate non-taxable fuel cost component of ~~2.7392~~.539 cents per kilowatt hour consumption.

NON-TAXABLE FUEL PER kWh FOR TIME-OF-USE RATES

Definition: The table below displays the off-peak and on-peak non-taxable fuel component for time-of-use (TOU) rates that corresponds to each service type.

<u>Service Type</u>	<u>OFF PEAK TOU</u>	<u>ON PEAK TOU</u>
Residential	N/A	N/A
General Service	2.6582 <u>.464</u> cents per kWh	2.9242 <u>.711</u> cents per kWh
General Service Demand	2.6632 <u>.469</u> cents per kWh	2.9292 <u>.715</u> cents per kWh
Gen Service Lrg Demand	2.6652 <u>.470</u> cents per kWh	2.9302 <u>.716</u> cents per kWh

JEA

Tenth Revised Sheet No. 3.1
Canceling Ninth Revised Sheet No. 3.1

 SERVICE CHARGES

1. A \$10.00 service charge will be added to electric bills for the establishment of each initial service connection. Same day service is available at that charge, however, if same day service is requested after twelve noon, the service charge is \$25.00.
2. A \$14.00 service charge will be added to electric bills for reconnection of services to customers who have been disconnected for non-payment of bills or unauthorized consumption.
3. A \$25.00 service charge will be added to electric bills for services found to have a meter inaccessible for reading or cut off after notice has been given to the customers.
4. A \$25.00 service charge will be added to electric bills for special order disconnects for services that cannot be disconnected at the meter due to meter inaccessibility, or services that have been cut off for any reason and found to have been restored without JEA authorization.
5. A \$200.00 service charge will be added to electric bills for tampering with metering equipment or service connection.
6. A service charge representing the actual cost of the damaged or missing meter will be added to electric bills for damaged or missing meters.
7. A \$20.00 service charge will be added to electric bills for returned checks.
8. A service charge of no less than \$40.00 and no more than \$400.00, depending on costs to JEA, will be added to electric bills when a JEA representative is required to make a required court appearance and/or restitution claim.
9. Upon request, JEA will test a customer's meter for accuracy. If the meter does not test within JEA acceptable accuracy range of + or - 2%, JEA will bear the full cost of the test. If the meter tests within JEA acceptable accuracy range, however, the customer will be required to pay for the full cost of the testing. This service charge will be added to the electric bill.
10. JEA will sell or lend material, tools and equipment to private contractors, other city agencies, and other electric utilities provided that the terms and conditions of JEA's applicable Policies and Procedures have been met.
11. In general, JEA will do all necessary construction at no cost to the customer when an extension of an existing line is found to be necessary and the major portion of an anticipated extension will be built on public rights-of-way. Where these guidelines clearly do not apply, JEA shall determine the total cost of standard and non-standard construction required. For standard construction cost, JEA may charge the customer all costs in excess of 30 times the estimated annual nonfuel revenue for Residential accounts; 4 times for non-Residential accounts. For non-standard construction cost, JEA may charge the customer all cost in excess of 3 times the estimated monthly nonfuel revenue for all accounts.

(Continued to Sheet No. 3.2)

(Continued from Sheet No. 3.1)

12. JEA will require a contribution-in-aid-of-construction by a developer for underground utilities in an amount not to exceed the difference in costs between an underground system and an equivalent overhead system. JEA's Policy and Procedure for underground distribution should be referenced for further information.
13. JEA may add a \$5.00 service charge to electric bills when an authorized JEA representative makes a field call to a customer's premise to disconnect electric service and disconnection is delayed at the customer's request
14. A minimum \$75.00 service charge will be assessed for all temporary services. Temporary electric service for residential construction will be charged \$150.00. This single fee will cover all costs and consumption; consumption will not be metered by JEA. This fee is payable to JEA at the time the permit for construction is obtained. Temporary service will not be provided unless the customer has obtained the necessary building/construction permit.
15. A special service charge may be added to energy, water or sewer bills when a customer requests a related water, sewer or energy service which is not normally provided, including the repayment over time to JEA of the onetime capital costs of connecting customers to the water and/or sewer system. These special services will be priced based on the cost of the service. JEA's provision of special services requires execution of a contract between JEA and the Customer. Contract approval authorizations shall be as established in applicable JEA Management Directives, Policies or Procedures.
16. JEA will charge a customer \$25.00 for each return trip whenever JEA must make a return trip to a customer's service address to perform maintenance and/or activate service because the work requested by the customer was not able to be completed at the first scheduled visit.
17. Account Fraud charge shall be \$50.00
18. Application fee shall be \$1,000.00 for Tier 3 net metering, DG-2 and DG-3 Distributed Generation applications.
19. A \$60.00 service charge will be added to electric bills for meter reclamation. Meter reclamation is required when a meter must be removed, tested, and/or recycled due to customer tampering.
20. A minimum \$50.00 or the actual cost for labor and materials, service charge will be added to electric bills for services disconnected at the pole or any other connection to JEA's distribution system due to customer theft or fraud.
21. A minimum \$50.00, or actual cost for labor and materials, service charge will be added to electric bills for services reconnected at the pole or any other connection to JEA's distribution system due to customer theft or fraud.

JEA

Fifth Revised Sheet No. 3.3
Canceling Sixth Revised Sheet No. 3.3

ENERGY AUDITS

Upon request JEA will perform the following energy audits:

Standard Residential Audit

An inspection of a customer's residence will be made free of charge to identify energy consuming equipment and ways to save energy.

Class "A" Computer Assisted Audit

A \$15.00 fee will be charged for this analysis. Audit will focus on economic analysis of major conservation opportunities for residential customers. A written report will be provided which will show estimated cost of recommended changes or additions.

Commercial Consultation

JEA will conduct mini-surveys free of charge to answer specific energy use questions.

Commercial Energy Audit

A \$15.00 fee will be charged for this audit which will include a detailed analysis of energy related factors of building's energy efficiencies. The results of the audit will be presented in report form.

Large Demand Audit

A \$100.00 fee will be charged for this commercial survey. The audit will only be offered to customers with a demand equal to or greater than 1,000 KW. The results of the audit will include information on ways to maintain comfort and production levels while reducing energy expenditures. The results of the audit will be presented in report form.

JEA

Twenty-Third Revised Sheet No. 4.0
Canceling Twenty-Second Revised Sheet No. 4.0

INDEX OF ELECTRIC SERVICE RATE SCHEDULES

Rate Schedule Designations		Sheet Number
FPPC	Fuel and Purchased Power Cost Recovery Charge Policy	5.0
KVAR/ EC/NM	Excess Reactive Demand Policy – Environmental Charge – Net Metering	5.1
FFA	Franchise Fee Adjustment	5.2
GRT	Gross Receipts Tax (Non-Franchise Area)	5.3
GRT	Gross Receipts Tax (Franchise Area)	5.4
RS	Residential Service	6.0
GS	General Service	8.0
GST	General Service Time-of-Day (Optional)	8.2
GSD	General Service Demand	9.0
GSDT	General Service Demand Time-of-Day (Optional)	9.2
SS	Auxiliary Service for Cogenerators (Closed to new customers)	9.5
SS-1	Standby and Supplemental Service	9.61
GSLD	General Service Large Demand	10.0
GSLDT	General Service Large Demand Time-of-Day (Optional)	10.2
GSLDHLF	General Service Large Demand High Load Factor (Experimental)	11.0
ISXLD	Interruptible Service Extra Large Demand (Optional)	12.0

(Continued to Sheet No. 4.1)

JEA

Twenty-Third Revised Sheet No. 4.1
Canceling Twenty-Second Revised Sheet No. 4.1

(Continued from Sheet No. 4.0)

Rate Schedule Designations		Sheet Number
SL	Street Lighting	13.0
JSSR	JEA SolarSmart Rider	15.00
JSMR	JEA SolarMax Rider	15.10
MA	Multiple Account Load Factor Improvement Rider	16.00
GSLDR-5	General Service Large Demand Rider (Closed to new customers)	16.10
GSXLD	General Service Extra Large Demand Rider	16.20
LDI	Load Density Improvement Rider (Closed to new customers)	16.30
IS	Interruptible Service Rider	16.40
CS	Curtable Service Rider	16.50
EDP	Economic Development Rider	17.00
ES	Economic Stimulus Rider	18.00
OS	Unmetered Miscellaneous Service for Traffic Signals and Other Uses	22.0
	Disclaimer	23.0

JEA

Forty-Seventh Revised Sheet No. 5.0
 Canceling Forty-Sixth Revised Sheet No. 5.0

FUEL AND PURCHASED POWER COST RECOVERY CHARGE POLICY - FPPC

The Retail Rates section of this Fuel and Purchased Power Cost Recovery Charge Policy (FPPC or the Fuel Charge) shall be applicable to all JEA Retail Rate Schedules. The said energy charge stated in each rate schedule for each kilowatt hour billed in accordance with JEA's normal billing cycle shall be increased by the fuel charge per kilowatt hour as indicated below.

The Sale For Resale Rates section of this Fuel and Purchased Power Cost Recovery Charge Policy shall be applicable to all JEA Sale for Resale Rate Schedules. The said energy charge stated in each such rate schedule for each kilowatt hour billed in accordance with JEA's normal billing cycle shall be increased by the fuel charge per kilowatt hour as indicated below for service taken at 26.4 kV and above.

Variable Fuel Rate Policy

The Variable Fuel Rate charge for each retail rate schedule shall be rounded to the nearest 0.001 cents per kilowatt hour of sales to reflect recovery of costs of fuels and purchased power (excluding capacity payments) for each kilowatt hour delivered. The Fuel Charge is normally calculated annually, for the billing period October through September and is adjusted to incorporate changes in costs from one period to the next, using a method approved by the Board. The Fuel Charge may be adjusted or credited during the billing period if the costs for fuel and purchased power are projected to deviate more than +/- 10% of the original forecast. Any intra-year adjustment or credit must be approved by the Board. The current Variable Fuel Rate is ~~3.250~~3.050 cents per kWh.

A Fuel Stabilization Fund (Fuel Reserve) charge shall apply to all kilowatt hours delivered under all retail rate schedules. This charge is used to fund the Fuel Reserve for managing short term fluctuations in fuel and purchased power costs, where the Fuel Stabilization fund target is 15% of annual fuel and purchased power costs. The current Fuel Stabilization charge is 0.000 cents per kWh. A Fuel Recovery charge shall apply to all kilowatt hours delivered under all retail rate schedules. This charge is used to repay funds used from other electric system sources to pay fuel expenses. The current Fuel Recovery charge is 0.000 cents per kWh.

The total fuel rate charge for each rate schedule shall be the sum of the Variable Fuel Rate plus the Fuel Stabilization charge plus the Fuel Recovery charge.

FUEL CHARGE PER kWh

<u>RETAIL RATES</u>	<u>LEVELIZED</u>	<u>OFF PEAK</u>	<u>ON PEAK</u>
Residential	3.250 <u>3.050</u> cents per kWh	N/A	N/A
General Service	3.250 <u>3.050</u> cents per kWh	3.154 <u>2.960</u> cents per kWh	3.469 <u>3.256</u> cents per kWh
General Service Demand	3.250 <u>3.050</u> cents per kWh	3.159 <u>2.965</u> cents per kWh	3.476 <u>3.262</u> cents per kWh
General Service Lrg Demand	3.250 <u>3.050</u> cents per kWh	3.162 <u>2.967</u> cents per kWh	3.477 <u>3.263</u> cents per kWh
Rate Schedules SL & OL	3.250 <u>3.050</u> cents per kWh		
Riders GSXLD, IS & CS	3.250 <u>3.050</u> cents per kWh		
JEA SolarSmart	7.500 cents per kWh		

SALE FOR RESALE RATES LEVELIZED

JEA

Forty-Seventh Revised Sheet No. 5.0
Canceling Forty-Sixth Revised Sheet No. 5.0

| Municipal Rates ~~3.2503~~3.050 cents per
kWh

JEA

Thirty-Fifth Revised Sheet No. 5.1
 Canceling Thirty-Fourth Revised Sheet No. 5.1

EXCESS REACTIVE DEMAND (KVAR) POLICY

Effective October 1, 2006:

This policy applies to all accounts receiving service under GSD, GSDT, GSLD, GSLDT, GSXLD, IS, CS, and the Multiple Account Rider as applied to any of these rates.

The customer's utilization equipment shall not result in a target power factor (TPF) at the point of delivery of less than ninety percent (90%) lagging at the time of maximum demand. Should this TPF be less than ninety percent (90%) lagging during any month, JEA may adjust the readings taken to determine the Total Demand.

If TPF is less than ninety percent (90%) lagging then the Billing Demand (BD) is calculated using the following formula:

$$BD = \text{Maximum measured 15-minute demand (kW)} \times (TPF / PF)$$

PF = power factor calculated per the following formula

$$PF = \text{COS(ATAN(kVar/kW))}$$

kVar in the above formula is the kVar measured coincident with the maximum 15-minute kW demand used in the formula. For GSDT and GSLDT the off-peak demand will be used for determining Excess Reactive Demand.

ENVIRONMENTAL CHARGE

Effective October 1, 2007

This Environmental Charge applies to all rate classes. The said energy charge stated in each rate schedule for each kilowatt hour billed in accordance with JEA's normal billing cycle shall be increased by the Environmental Charge per kilowatt hour as indicated below.

Rate for all rate classes = \$0.00062 per kWh

JEA SolarSmart and SolarMax kWh as defined on Sheet No. 15.0 and 15.1 are exempt from Environmental Charge.

NET METERING

Effective October 1, 2009

Net metering is authorized for residential and commercial customers in accordance with JEA's Net Metering Policy.

JEA

Twelfth Revised Sheet No. 5.2
 Canceling Eleventh Revised Sheet No. 5.2

FRANCHISE FEE ADJUSTMENT
 (Atlantic Beach, Baldwin, Jacksonville, Orange Park & Clay County, FL)

Legal Authority Rule 25-6.100, Florida Administrative Code, effective May 16, 1983.

Applicable To any electric service account located in an area that requires JEA to pay a Franchise Fee for providing electric service within that area.

The Town of Orange Park, Clay County, the City of Atlantic Beach, and the Town of Baldwin areas are 6% Franchise Fee areas. The City of Jacksonville is a 3% Franchise Fee area.

Rate Per Month The charge per month shall be a pro-rata share of the total Franchise Fee required by the Franchise area plus taxes associated with the Franchise Fee.

The Franchise Fee required by the 6% areas is six (6) percent of the total electric charges. The tax associated with the Franchise Fee is the State of Florida Gross Receipts Tax (2.5% of gross receipts).

The Franchise Fee Adjustment for 6% Franchise areas is calculated as follows for collection purposes:

$$\frac{\text{(Franchise Fee)}}{(1 - \text{Gross Receipts Tax} - \text{Franchise Fee})} =$$

$$\frac{.06}{(1 - .025 - .06)} = \frac{.06}{0.915} =$$

.065574 or 6.5574% of the total electric charges.

The Franchise Fee for residential customers in Jacksonville shall be 3% of the total electric charges. The Franchise Fee for commercial customers in Jacksonville shall be 3% of the total electric charges up to an annualized billing amount of \$2,400,000. For collection purposes the Franchise Fee will not be adjusted for gross receipts tax.

Billing In accordance with Rule 25-6.100, Florida Administrative Code, the Franchise Fee Adjustment amount shall be separately stated on each customer billing.

JEA

Ninth Revised Sheet No. 5.3
 Canceling Eighth Revised Sheet No. 5.3

GROSS RECEIPTS TAX (NON-FRANCHISE AREA)

Legal Authority

Chapter 203, Florida Statutes.

Applicable

To any electric service account in a non-franchise area with the exception of sales for resale and accounts serving the City of Jacksonville, Jacksonville Port Authority and Jacksonville Transportation Authority.

Rate Per Month

The Gross Receipts Tax will be as follows:

$$\begin{array}{r}
 \text{(Gross Receipts Tax)} \\
 \hline
 = \\
 \text{(1 - Gross Receipts Tax)} \\
 \\
 \begin{array}{r}
 .025 \\
 \hline
 (1- .025)
 \end{array}
 =
 \begin{array}{r}
 .025 \\
 \hline
 0.975
 \end{array}
 =
 \end{array}$$

.025641 or 2.5641% of the total electric charges.

Billing

In accordance with Chapter 203, Florida Statutes, the Gross Receipts Tax shall be separately stated on each customer billing.

JEA

Eighth Revised Sheet No. 5.4
 Canceling Seventh Revised Sheet No. 5.4

GROSS RECEIPTS TAX
 (FRANCHISE AREAS - Atlantic Beach, Baldwin, Orange Park & Clay County, FL)

Legal Authority Chapter 203, Florida Statutes.

Applicable To any electric service account in a 6% franchise area with the exception of sales for resale.

Rate Per Month The Gross Receipts Tax is calculated as follows for collection purposes:

$$\begin{array}{r}
 \text{(Gross Receipts Tax)} \\
 \hline
 = \\
 (1 - \text{Gross Receipts Tax} - \text{Franchise Fee}) \\
 \\
 \begin{array}{r}
 .025 \\
 \hline
 \end{array} = \begin{array}{r}
 .025 \\
 \hline
 \end{array} \\
 \begin{array}{r}
 (1 - .025 - .06) \\
 \hline
 \end{array} \qquad \begin{array}{r}
 0.915 \\
 \hline
 \end{array}
 \end{array}$$

.027322 or 2.7322% of the total electric charges.

Billing In accordance with Chapter 203, Florida Statutes, the Gross Receipts Tax shall be separately stated on each customer billing.

JEA

Twenty-Fifth Revised Sheet No. 6.0
 Canceling Twenty-Fourth Revised Sheet No. 6.0

RS
 Revenue Code RES10

RATE SCHEDULE RS
 RESIDENTIAL SERVICE

<u>Available</u>	In all territory served by JEA.
<u>Applicable</u>	To any residential customer in a single family individual house, apartment or mobile home for domestic, non-commercial purposes. All service hereunder will be rendered through a single metering installation. Resale of energy purchased under this rate schedule is not permitted.
<u>Character of Service</u>	JEA's standard voltage levels.
<u>Rate Per Month</u>	\$5.50 Basic Monthly Charge, plus 6.988 <u>7.171</u> cent per kWh plus applicable Fuel, Environmental, and Conservation Charges
<u>Fuel Charge</u>	As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0)
<u>Environmental Charge</u>	As stated in the Environmental charge (Sheet No. 5.1)
<u>Minimum Bill</u>	\$5.50 per month Basic Monthly Charge.
<u>Term and Conditions</u>	(a) Service hereunder shall be subject to the Rules and Regulations of JEA (b) Conservation charge is a charge of 1.0 cent per kWh for all consumption above 2,750 kWh.

JEA

Twenty-Fourth Revised Sheet No. 6.1
Canceling Twenty-Third Revised Sheet No. 6.1

(For Future Use)

JEA

Eighteenth Revised Sheet No. 6.2
Canceling Seventeenth Revised Sheet No. 6.2

(For Future Use)

JEA

Fifth Revised Sheet No. 6.3
Canceling Fourth Revised Sheet No. 6.3

(For Future Use)

JEA

Fifth Revised Sheet No. 6.4
Canceling Fourth Revised Sheet No. 6.4

(For Future Use)

JEA

Ninth Revised Sheet No. 7.0
Canceling Eighth Revised Sheet No. 7.0

(For Future Use)

JEA

Twenty-Fifth Revised Sheet No. 8.0
 Canceling Twenty-Fourth Revised Sheet No. 8.0

GS
 Revenue Codes COM20

RATE SCHEDULE GS

GENERAL SERVICE

<u>Available</u>	In all territory served by JEA.
<u>Applicable</u>	To any customer whose service is not provided by any other rate schedule, for all electrical requirements at a single location. All service hereunder will be rendered through a single metering installation. Resale of energy purchased under this rate schedule is not permitted.
<u>Character of Service</u>	JEA's standard voltage levels.
<u>Rate Per Month</u>	\$9.25 Basic Monthly Charge, plus 6.4476.630 cent per kWh plus applicable Fuel and Environmental Charges
<u>Fuel Charge</u>	As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0)
<u>Environmental Charge</u>	As stated in the Environmental Charge (Sheet No. 5.1)
<u>Minimum Bill</u>	\$9.25 per month Basic Monthly Charge.
<u>Fluctuating Load Charge</u>	Customers taking service under this rate having equipment which creates a highly fluctuating or large instantaneous demand such as welders, X-rays, etc., shall pay an additional charge per month of \$0.50 per kVA of rating of such equipment unless the customer installs necessary corrective equipment.

(Continued to Sheet No. 8.1)

JEA

Eighteenth Revised Sheet No. 8.1
Canceling Seventeenth Revised Sheet No. 8.1

(Continued from sheet No. 8.0)

Primary Service
Discount

Where customer contracts for service at 4,160 volts or higher, a discount of 0.13 cent per kilowatt hour shall be allowed, when the customer provides all equipment necessary for service from JEA's existing primary lines.

Terms and
Conditions

- (a) Service will be made available under this rate schedule upon the execution of a service agreement or upon application for service accompanied by payment of deposit or bond as required by JEA.
- (b) Customers will be placed on this rate schedule initially on the basis of estimated load (based on past experience or connected load survey). Thereafter, when the customer incurs an integrated 15-minute demand of 75 kW or higher four (4) or more months out of twelve consecutive monthly billing periods ending with the current billing period, such customer will be reclassified to the General Service Demand rate schedule and billed thereon commencing with such billing month. Also, at the option of the customer, to any customer with demands of less than 75 kW, but more than 49 kW, who agrees to pay for service under the General Service Demand rate schedule for a minimum initial period of 12 months may be reclassified to such rate schedule.
- (c) Service hereunder shall be subject to the Rules and Regulations of JEA.

JEA

Twenty-Third Revised Sheet No. 8.2
 Canceling Twenty-Second Revised Sheet No. 8.2

GST

Revenue Code COM23TOD

RATE SCHEDULE GST

GENERAL SERVICE TIME OF DAY
 (OPTIONAL)

<u>Available</u>	In all territory served by JEA.
<u>Applicable</u>	To any customer whose service is not provided by any other rate schedule, for all electrical requirements at a single location. All service hereunder will be rendered through a single metering installation. Resale of energy purchased under this rate schedule is not permitted.
<u>Character of Service</u>	JEA's standard voltage levels.
<u>Rate Per Month</u>	\$21.00 Basic Monthly Charge, plus 12.185 12.368 cent per kWh during On-Peak hours 3.888 4.071 cent per kWh during Off-Peak hours plus applicable Fuel and Environmental Charges
<u>Definition of Billing Periods</u>	On-Peak periods shall be defined as follows: 6 a.m.-10 a.m. - November through March; weekdays only 6 p.m.-10 p.m. - November through March; weekdays only 12 Noon-9 p.m. - April through October; weekdays only All other periods shall be defined as Off-Peak, including weekends, New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day.
<u>Fuel Charge</u>	As stated in the Fuel and Purchased Power Cost Recovery Policy (Sheet No. 5.0)
<u>Environmental Charge</u>	As stated in the Environmental Charge (Sheet No. 5.1)

(Continued to Sheet No. 8.3)

JEA

Sixteenth Revised Sheet No. 8.3
Canceling Fifteenth Revised Sheet No. 8.3

(Continued from Sheet No. 8.2)

<u>Minimum Bill</u>	\$21.00 per month Basic Monthly Charge.
<u>Fluctuating Load Charge</u>	Customers taking service under this rate having equipment which creates a highly fluctuating or large instantaneous demand such as welders, X-rays, etc., shall pay an additional charge per month of \$0.50 per kVA of rating of such equipment unless the customer installs necessary corrective equipment.
<u>Primary Service Discount</u>	Where customer contracts for service at 4,160 volts or higher, a discount of 0.13 cent per kilowatt hour shall be allowed, when the customer provides all equipment necessary for service from JEA's existing primary lines.
<u>Terms and Conditions</u>	<p>(a) Service under this rate will be made available at the option of the General Service customer, subject to the availability of TOD metering equipment.</p> <p>(b) Customers making a one-time contribution in aid-of-construction to defray TOD metering costs shall receive a credit of \$6.50 per month. This contribution in aid-of-construction will be subject to a partial refund if the customer terminates service on this optional TOD rate.</p> <p>(c) Customer has the option of terminating service under this rate schedule at any time without assessment of disconnection charges. Any customer requesting optional TOD rate for the second time on the same premises shall remain on the TOD rate for a period of not less than twelve (12) consecutive months.</p>

(Continued to Sheet No. 8.4)

JEA

Sixteenth Revised Sheet No. 8.4
Canceling Fifteenth Revised Sheet No. 8.4

(Continued from Sheet No. 8.3)

- (d) Customers will be placed on this rate schedule initially on the basis of estimated load (based on past experience or connected load survey). Thereafter, when the customer incurs an integrated 15-minute on-peak demand of 75 kW or higher four (4) or more months out of twelve consecutive, monthly billing periods ending with the current billing period, such customer will be reclassified to the Optional General Service Demand TOD rate schedule and billed thereon commencing with such billing month. Also, at the option of the customer, any customer with demands of less than 75 kW, but more than 49 kW, who agrees to pay for service under the Optional General Service Demand TOD rate schedule for a minimum initial period of 12 months may be reclassified to such rate schedule.
- (e) Service hereunder is subject to the Rules and Regulations of JEA.

JEA

Fifth Revised Sheet No. 8.5
Canceling Fourth Revised Sheet No. 8.5

(For Future Use)

JEA

Fifth Revised Sheet No. 8.6
Canceling Fourth Revised Sheet No. 8.6

(For Future Use)

JEA

Twenty-Fourth Revised Sheet No. 9.0
 Canceling Twenty-Third Revised Sheet No. 9.0

GSD
 Revenue Codes COM30, COM31 RATE SCHEDULE GSD

GENERAL SERVICE DEMAND

<u>Available</u>	In all territory served by JEA.	
<u>Applicable</u>	To any customer where the measured monthly billing demand is 75 kW or more four (4) or more months out of twelve consecutive monthly billing periods ending with the current billing period. Also, at the option of the customer, to any customer with demands of less than 75 kW, but more than 49 kW, who agrees to pay for service under this rate schedule for a minimum initial term of twelve months. Resale of energy purchased under this rate schedule is not permitted.	
<u>Character of Service</u>	JEA's standard voltage levels.	
<u>Rate Per Month</u>	The charge per month shall consist of the total of basic monthly, demand, and energy charges as follows:	
	<u>STANDARD</u>	<u>OPTIONAL</u>
	Basic Monthly Charge:	Basic Monthly Charge:
	\$85.00 per month	\$85.00 per month
	Demand Charge:	Demand Charge:
	\$8.40 per kW of billing demand	\$0.00 per kW of billing demand
	<u>Excess Reactive Demand Charge:</u> <u>As stated in the Excess Reactive</u> <u>Demand (KVAR) Policy</u> <u>(Sheet No. 5.1)</u>	<u>Excess Reactive Demand Charge:</u> <u>As stated in the Excess Reactive</u> <u>Demand (KVAR) Policy</u> <u>(Sheet No. 5.1)</u>
	Energy Charge:	Energy Charge:
	Non-Fuel Charge:	Non-Fuel Charge:
	3.3553.538 cent per kWh, plus kWh, plus	8.0818.264 cent per
	Fuel and Environmental Charges:	Fuel and Environmental Charges:
<u>Fuel Charge</u>	As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0)	
<u>Environmental Charge</u>	As stated in the Environmental Charge (Sheet No. 5.1)	

(Continued to Sheet No. 9.1)

JEA

Twenty-Fourth Revised Sheet No. 9.0
Canceling Twenty-Third Revised Sheet No. 9.0

JEA

Twentieth Revised Sheet No. 9.1
 Canceling Nineteenth Revised Sheet No. 9.1

(Continued from Sheet No. 9.0)

<u>Minimum Bill</u>	\$85.00 Basic Monthly Charge plus the demand charge as computed above.
<u>Determination of Billing Demand</u>	The Billing Demand for the month shall be the maximum integrated 15-minute metered kW demand in the month.
<u>Determination of Reactive Demand</u>	<u>As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)</u>
<u>Primary Service Discount</u>	A discount of \$0.63 per kW of Billing Demand and 0.13 cent per kWh will be allowed for service taken at 4,160 volts or higher, when the customer provides all of the equipment required to take service at JEA's existing primary lines.
<u>Terms and Conditions</u>	<ul style="list-style-type: none"> (a) Service will be made available under this rate schedule upon the execution of a service agreement or upon application for service accompanied by payment of deposit or bond as required by JEA. (b) Service hereunder shall be subject to the Rules and Regulations of JEA. (c) Should the Metered Demand be less than 75 kW for any 12 month period, the customer may be reclassified to Rate Schedule GS, at the option of JEA. (d) Should the customer demonstrate that the future Metered Demand is expected to be reduced below the demand threshold then the customer's account may be reclassified to Rate Schedule GS, at the option of JEA. (e) Customer has the option of terminating service under the optional energy-only rate schedule at any time. Any customer requesting the optional energy-only rate for the second time on the same premises shall remain on the optional energy-only rate for a period of not less than twelve (12) consecutive months.

JEA

Twenty-Second Revised Sheet No. 9.2
 Canceling Twenty-First Revised Sheet No. 9.2

GSDT
 Revenue Code COM33TOD RATE SCHEDULE GSDT

GENERAL SERVICE DEMAND TIME OF DAY
 (OPTIONAL)

Available In all territory served by JEA.

Applicable To any customer where the measured monthly On-Peak billing demand is 75 kW or more four (4) or more months out of twelve consecutive monthly billing periods ending with the current billing period. Also, at the option of the customer, to any customer with demands of less than 75 kW, but more than 49 kW, who agrees to pay for service under this rate schedule for a minimum initial term of twelve months. Resale of energy purchased under this rate schedule is not permitted.

Character of Service JEA's standard voltage levels.

Rate Per Month The charge per month shall consist of the total of the basic monthly, demand and energy charges as follows:

Basic Monthly Charge:

\$85.00 per month

Demand Charge:

\$8.53 per kW of On-Peak Demand
 \$4.93 per kW of Excess Off-Peak Demand

Excess Reactive Demand Charge:

As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1).

Energy Charge:

~~6.4586.641~~ cent per kWh during On-Peak hours
~~2.0842.267~~ cent per kWh during Off-Peak hours
 plus applicable Fuel and Environmental Charges

(Continued to Sheet No. 9.3)

JEA

Twentieth Revised Sheet No. 9.3
Canceling Nineteenth Revised Sheet No. 9.3

(Continued from Sheet No. 9.2)

Definition of Billing Periods

On-Peak periods shall be defined as follows:

6 a.m.-10 a.m. - November through March; weekdays only
6 p.m.-10 p.m. - November through March; weekdays only

12 Noon-9 p.m. - April through October, weekdays only

All other periods shall be defined as Off-Peak, including weekends, New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day.

Fuel Charge

As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0)

Environmental Charge

As stated in the Environmental Charge (Sheet No. 5.1)

Minimum Bill

\$85.00 Basic Monthly Charge plus demand charges as computed above.

Determination of Billing Demand

The billing demand for the month shall be the maximum integrated 15-minute metered kW demand in the month.

Determination of On-Peak and Off-Peak Demand

The On-Peak Demand for the month shall be the maximum integrated 15-minute metered kW demand during the On-Peak period. The Off-Peak Demand for the month shall be the maximum integrated 15-minute metered kW demand during the Off-Peak period.

Determination Excess Off-Peak Demand

The Excess Off-Peak Demand for the month shall be the amount by which the Off-Peak Demand exceeds the On-Peak Demand.

Determination of Reactive Demand

As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1).

Primary Service Discount

A discount of \$0.63 per kW of Billing Demand and 0.13 cent per kWh will be allowed for service taken at 4,160 volts or higher, when the customer provides all of the equipment required to take service at JEA's existing primary lines.

(Continued to Sheet No. 9.4)

JEA

Seventeenth Revised Sheet No. 9.4
Canceling Sixteenth Revised Sheet No. 9.4

(Continued from Sheet No. 9.3)

Terms and
Conditions

- (a) Service under this rate will be made available at the option of the General Service Demand customer, subject to the availability to TOD metering equipment.
- (b) Customers making a one-time contribution in aid-of-construction to defray TOD metering costs shall receive a credit of \$11.37 per month. This contribution in aid-of-construction will be subject to a partial refund if the customer terminates service on this optional TOD rate.
- (c) Customer has the option of terminating service under this rate schedule at any time without assessment of disconnection charges. Any customer requesting optional TOD rate for the second time on the same premises shall remain on the TOD rate for a period of not less than twelve (12) consecutive months.
- (d) Should the On-Peak Demand be less than 75 kW for any 12 month period, the customer may be reclassified to Rate Schedule GST, at the option of JEA.
- (e) Should the customer demonstrate that the future On-Peak Demand is expected to be reduced below the demand threshold then the customer's account may be reclassified to Rate Schedule GST, at the option of JEA.
- (f) Service hereunder shall be subject to the Rules and Regulations of JEA.

JEA

Fourteenth Revised Sheet No. 9.5
 Canceling Thirteenth Revised Sheet No. 9.5

SS
 Revenue Code Special Designation

RATE SCHEDULE SS
AUXILIARY SERVICE FOR COGENERATORS
 (Closed to New Customers)

<u>Available</u>	In all territory served by JEA
<u>Applicable</u>	To all co-generators or small power producers satisfying the criteria for qualification as a Qualifying Facility as set out by the Federal Energy Regulatory Commission in 18 CFR Part 292.0 and with generating capacity equal to or greater than one-hundred (100) kilowatts
<u>Character of Service</u>	Firm auxiliary service per time of day rate schedule that would be applicable to any other retail, full requirements customer with identical electrical requirements.
<u>Rate Per Month</u>	<p>The charge per month shall consist of the total basic monthly, demand and energy charges as follows:</p> <p>Basic Monthly Charge: per applicable time of day rate schedule.</p> <p>Standard Demand Charges: The charge per month shall be the total of the metered and Auxiliary demand as follows:</p> <ul style="list-style-type: none"> o <u>Metered Demand Charge</u>: Demand Charge per applicable time of day rate schedule. o <u>Auxiliary Demand Charge</u>: The numerical average of the On-Peak Demand charge per kW and the Excess Off-Peak Demand charge per kW per applicable time of day rate schedule, applied to the Auxiliary Demand. <p>Excess Reactive Demand Charge : see Sheet 5.1</p> <p>Standard Energy Charge : per applicable time of day rate schedule</p>
<u>Definition of Contract Demand</u>	The Contract Demand for the month shall be the maximum integrated 15-minute metered kW demand allowable in accordance with the service agreement provisions.
<u>Definition of Metered Demand</u>	The Metered Demand for the month shall be the maximum integrated 15-minute metered kW demand measured during the month.
<u>Definition of Auxiliary Demand</u>	The Auxiliary Demand for the month shall be the difference between the of Contract Demand and the Metered Demand during the month.

(Continued on Sheet No. 9.6)

JEA

Twenty-First Revised Sheet No. 9.6
 Canceling Twentieth Revised Sheet No. 9.6

(Continued from Sheet No. 9.5)

<u>Fuel Charge</u>	As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0). Charge per applicable time of day rate schedule except for the GSLDT option below.
<u>Environmental Charge</u>	As stated in the Environmental Charge (Sheet No. 5.1)
<u>Determination of Excess Reactive Demand</u>	As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)
<u>Minimum Bill</u>	The basic monthly and demand charges as computed above.
<u>Terms and Conditions</u>	<ul style="list-style-type: none"> (a) Service is available under this rate schedule upon execution of a service agreement accompanied by payment of deposit or bond as required by JEA and satisfaction of JEA Facility Interconnection Requirements. (b) Service herein shall be subject to the Rules and Regulations of JEA. (c) Customers receiving service under this rate schedule will be required to give JEA a written notice at least sixty (60) months prior to an increase in the contract demand level or reclassification to any other standard JEA Rate Schedule unless it can be shown that such reclassification is in the best interests of the customer, JEA, and JEA’s other ratepayers. Such election by the customer shall be irrevocable unless JEA and the customer mutually agree to void the revocation. (d) Customers exceeding the Auxiliary Service contract demand may experience a temporary, total interruption of all JEA-supplied electric services due to the action of automatically operating demand limiting devices installed on Auxiliary Service accounts.

JEA

Ninth Revised Sheet No. 9.61
Canceling Eighth Revised Sheet No. 9.61

SS-1
Revenue Code Special Designation

RATE SCHEDULE SS-1
STANDBY AND SUPPLEMENTAL SERVICE

AVAILABLE:

In all territory served by JEA.

APPLICABLE:

To any customer, at a point of delivery, whose electric service requirements for the customer’s load are supplied or supplemented from the customer’s generation equipment at that point of service and who requires standby and supplemental service from JEA. A customer is required to take service under this rate schedule if the customer’s total generation capacity is 50 kW or greater and the customer’s full load requirement is 75 kW or greater four (4) or more months out of twelve (12) consecutive billing periods ending with the current billing period. For purposes of determining applicability of this rate schedule, the following definitions shall be used:

Standby Service: Electric energy or capacity supplied by JEA to replace energy or capacity ordinarily generated by the customer’s own generation equipment during periods of either scheduled (maintenance) or unscheduled (backup) outages of all or a portion of the customer’s generation.

Supplemental Service: Electric energy or capacity supplied by JEA in addition to that which is normally provided by the customer’s own generation equipment.

Full Load Requirement: The sum of the metered demand and the kW nameplate rating of the customer’s generating unit(s).

Customers taking service under this rate schedule are required to execute an interconnection agreement. This rate schedule does not apply to existing customers who own generating capacity covered by JEA’s Net Metering Policy. For the purposes of this rate schedule an existing customer is one who has physically connected to JEA and executed an interconnection agreement prior to the original effective date of this rate schedule (January 1, 2015).

CHARACTER OF SERVICE:

JEA’s primary and secondary voltage levels.

RATE PER MONTH:

The charge per month shall consist of the basic monthly, demand, energy, fuel, and environmental charges as follows:

(Continued on Sheet 9.62)

(Continued from Sheet 9.61)

Basic Monthly Charge: per the applicable time of day rate schedule.

Facilities Demand Charge: The applicable demand charge as provided below:

GSDT:	\$0.93 per kW of Contract Demand Primary
GSDT:	\$1.25 per kW of Contract Demand Secondary
GSLDT:	\$0.89 per kW of Contract Demand Primary
GSLDT:	\$0.96 per kW of Contract Demand Secondary

Standby Demand Charge: The sum of the on-peak demand charge less the Facilities Demand Charge above multiplied by the reliability adjustment factor which is equal to the assumed reliability factor set forth in the interconnection agreement but not less than 0.1, and divided by 0.7. For generators 5 MW and larger the reliability factor shall be one (1) minus the annual generating unit operating hours divided by the hours in the year (8760 for non-leap years and 8784 for leap years) divided by 0.7. The standby demand charge is applied to the kW nameplate rating of the generating unit(s).

The calculation for the Standby Demand Charge is:
 $SDC = (OPDC - FDC) * RAF / 0.7$

- Where:
- SDC = Standby Demand Charge
 - OPDC = On Peak Demand Charge per the applicable time of day rate schedule
 - FDC = Facilities Demand Charge
 - RAF = Reliability Adjustment Factor
 - 0.7 = System Peak Coincident Factor

Supplemental Demand Charge: The on-peak demand charge per the applicable time of day rate schedule less the Facilities Demand Charge above. The supplemental demand charge is applied to the Metered Demand.

Excess Reactive Demand Charge: per applicable time of day rate schedule.

Energy Charge: per applicable time of day rate schedule.

Fuel Charge: as stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0). Charge per applicable time of day rate schedule.

Environmental Charge: as stated in the Environmental Charge (Sheet No. 5.1).

Primary Service Discount: A discount of 0.13 cent per kWh will be allowed for service taken at 4,160 volts or higher, when the customer provides all of the equipment required to take service at JEA's existing primary lines.
 (Demand Discount is included in the rates charged above)

(Continued on Sheet 9.63)

JEA

Ninth Revised Sheet No. 9.63
Canceling Eighth Revised Sheet No. 9.63

(Continued from Sheet 9.62)

Minimum Bill: The Basic Monthly charge per the applicable time of day rate schedule.

Metered Demand: The maximum integrated 15-minute on peak and off peak metered kW demand measured during the month.

Contract Demand: The kW demand as stated in the interconnection agreement.

Determination of Excess Reactive Demand: As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1).

TERMS AND CONDITIONS:

- (a) Service is available under this rate schedule upon execution of an interconnection agreement accompanied by payment of deposit or bond as required by JEA and satisfaction of JEA Facility Interconnection Requirements.
- (b) Service herein shall be subject to the Rules and Regulations of JEA.
- (c) Customers receiving service under this rate schedule will be required to give JEA a written notice at least sixty (60) months prior to reclassification to any other standard JEA rate schedule unless it can be shown that such reclassification is in the best interests of the customer, JEA, and JEA's other ratepayers.

JEA

Eighth Revised Sheet No. 9.64
Canceling Seventh Revised Sheet No. 9.64

(For Future Use)

JEA

Seventh Revised Sheet No. 9.70
Canceling Sixth Revised Sheet No. 9.70

(For Future Use)

JEA

Seventh Revised Sheet No. 9.71
Canceling Sixth Revised Sheet No. 9.71

(For Future Use)

JEA

Seventh Revised Sheet No. 9.72
Canceling Sixth Revised Sheet No. 9.72

(For Future Use)

JEA

Seventh Revised Sheet No. 9.73
Canceling Sixth Revised Sheet No. 9.73

(For Future Use)

JEA

Eighth Revised Sheet No. 9.74
Canceling Seventh Revised Sheet No. 9.74

(For Future Use)

JEA

Seventh Revised Sheet No. 9.80
Canceling Sixth Revised Sheet No. 9.80

(For Future Use)

JEA

Seventh Revised Sheet No. 9.81
Canceling Sixth Revised Sheet No. 9.81

(For Future Use)

JEA

Seventh Revised Sheet No. 9.82
Canceling Sixth Revised Sheet No. 9.82

(For Future Use)

JEA

Twenty-Fifth Revised Sheet No. 10.0
 Canceling Twenty-Fourth Revised Sheet No. 10.0

GSLD
 Revenue Codes IND40

RATE SCHEDULE GSLD

GENERAL SERVICE LARGE DEMAND

Available In all territory served by JEA where service can be rendered from the transmission facilities of JEA.

Applicable To any customer where the measured monthly billing demand is 1,000 kW or more four (4) or more months out of twelve consecutive monthly billing periods ending with the current billing period. Also, at the option of the customer, to any customer with demands of less than 1,000 kW, but more than 699 kW, who agrees to pay for service under this rate schedule for a minimum initial term of twelve months. Resale of energy purchased under this rate schedule is not permitted.

Character of Service JEA's standard voltage levels.

Rate Per Month The charge per month shall consist of the total of the basic monthly, demand and energy charges follows:

Basic Monthly Charge:

\$335.00 per month

Demand Charge:

\$12.16 per kW for all kW of Billing Demand.

Excess Reactive Demand Charge:

As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)

Energy Charge:

~~2.456~~2.639 cent per kWh
 plus applicable Fuel and Environmental Charges

Fuel Charge As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).

Environmental Charge As stated in the Environmental Charge (Sheet No. 5.1)

(Continued to Sheet No. 10.1)

JEA

Twenty-Third Revised Sheet No. 10.1
Canceling Twenty-Second Revised Sheet No. 10.1

(Continued from Sheet No. 10.0)

Minimum Bill

\$335.00 Basic Monthly Charge plus the demand charge as computed above, plus any special service charges as defined in the agreement.

Determination of Billing Demand

The Billing Demand for the month shall be the maximum integrated 15-minute metered kW demand in the month, as may be adjusted per sheet No. 5.1, but not less than any applicable contract minimum demand.

Determination of Reactive Demand

As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)

Primary Service Discount

A discount of \$0.63 per kW of Billing Demand and 0.13 cent per kWh will be allowed for service taken at 4,160 volts or higher, but less than 69,000 volts, when the customer provides all of the equipment required to take service at JEA's existing primary lines.

Transmission Service Discount

A discount of \$1.93 per kW of Billing Demand and 0.25 cent per kWh will be allowed for service taken at 69,000 volts or higher, but less than 230,000 volts, when the customer provides all of the equipment required to take service at JEA's existing transmission lines. A discount of \$2.56 per kW of Billing Demand and 0.32 cent per kWh will be allowed for service taken at 230,000 volts or higher.

Terms and Conditions

- (a) Service will be made available under this rate schedule upon the execution of a service agreement or upon application for service accompanied by payment of deposit or bond as required by JEA.
- (b) Service hereunder shall be subject to the Rules and Regulations of JEA.

(Continued to Sheet No. 10.11)

JEA

Twenty-Second Revised Sheet No. 10.11
Canceling Twenty-First Revised Sheet No. 10.11

(Continued from Sheet No. 10.10)

- (c) Should the Metered Demand be less than 1,000 kW for any 12 month period, the customer may be reclassified to Rate Schedule GSD, at the option of JEA.
- (d) Should the customer demonstrate that the future Metered Demand is expected to be reduced below the demand threshold then the customer's account may be reclassified to Rate Schedule GSD, at the option of JEA.

JEA

Twenty-Second Revised Sheet No. 10.2
 Canceling Twenty-First Revised Sheet No. 10.2

GSLDT
 Revenue Code IND43TOD

RATE SCHEDULE GSLDT

GENERAL SERVICE LARGE DEMAND TIME OF DAY
 (OPTIONAL)

Available In all territory served by JEA where service can be rendered from the transmission facilities of JEA.

Applicable To any customer where the measured monthly On-Peak billing demand is 1,000 kW or more four (4) or more months out of twelve consecutive monthly billing periods ending with the current billing period. Also, at the option of the customer, to any customer with demands of less than 1,000 kW, but more than 699 kW. Resale of energy purchased under this rate schedule is not permitted.

Character of Service JEA's standard voltage levels.

Rate Per Month The charge per month shall consist of the total of the basic monthly, demand, and energy charges as follows:

Basic Monthly Charge:

\$350.00 per month

Demand Charge:

\$12.31 per kW of On-Peak Demand
 \$ 7.13 per kW of Excess Off-Peak Demand

Excess Reactive Demand Charge:

As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1).

Energy Charge:

~~4.8395.022~~ cent per kWh during On-Peak hours
~~1.5341.717~~ cent per kWh during Off-Peak hours
 plus applicable Fuel and Environmental Charges

(Continued to Sheet No. 10.3)

JEA

Twenty-Second Revised Sheet No. 10.3
Canceling Twenty-First Revised Sheet No. 10.3

(Continued from Sheet No. 10.2)

Definition of
Billing Periods

On-Peak periods shall be defined as follows:

6 a.m.-10 a.m. - November through March; weekdays only
6 p.m.-10 p.m. - November through March; weekdays only
12 Noon - 9 p.m. - April through October; weekdays only

All other periods shall be defined as Off-Peak, including weekends, New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day.

Fuel Charge

As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0)

Environmental
Charge

As stated in the Environmental Charge (Sheet No. 5.1)

Minimum Bill

\$350.00 Basic Monthly Charge plus the demand charges computed above, plus any special service charges as defined in the agreement.

Determination
of Billing Demand

The Billing Demand for the month shall be the maximum integrated 15-minute metered kW demand, but not less than any applicable contract demand.

Determination
of On-Peak and
Off-Peak Demand

The On-Peak Demand for the month shall be the maximum integrated 15-minute metered kW demand during the On-Peak period. The Off-Peak Demand for the month shall be the maximum integrated 15-minute metered kW demand during the Off-Peak period.

Determination
of Excess Off-
Peak Demand

The Excess Off-Peak Demand for the month shall be the amount by which the Off-Peak Demand, as may be adjusted per sheet No. 5.1, exceeds the On-Peak Demand.

(Continued to Sheet No. 10.4)

JEA

Twenty-Second Revised Sheet No. 10.4
 Canceling Twenty-First Revised Sheet No. 10.4

(Continued from Sheet No. 10.3)

<u>Determination of Reactive Demand</u>	As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1).
<u>Primary Service Discount</u>	A discount of \$0.63 per kW of Billing Demand and 0.13 cent per kWh will be allowed for service taken 4,160 volts or higher, but less than 69,000 volts, when the customer provides all of the equipment required to take service at JEA's existing primary lines.
<u>Transmission Service Discount</u>	A discount of \$1.93 per kW of Billing Demand and 0.25 cent per kWh will be allowed for service taken at 69,000 volts or higher, but less than 230,000 volts, when the customer provides all of the equipment required to take service at JEA's existing transmission lines. A discount of \$2.56 per kW of Billing Demand and 0.32 cent per kWh will be allowed for service taken at 230,000 volts or higher.
<u>Terms and Conditions</u>	<p>(a) Service will be made available under this rate schedule upon the execution of a service agreement accompanied by payment of deposit or bond as required by JEA.</p> <p>(b) Customer has the option of terminating service under this rate schedule at any time without assessment of disconnection charges. Any customer requesting optional TOD rate for the second time on the same premises shall remain on the TOD rate for a period of not less than twelve (12) consecutive months.</p> <p>(c) Should the On-Peak Demand be less than 1,000 kW for any 12 month period, the customer may be reclassified to Rate Schedule GSDT, at the option of JEA.</p> <p>(d) Should the customer demonstrate that the future On-Peak Demand is expected to be reduced below the demand threshold then the customer's account may be reclassified to Rate Schedule GSDT, at the option of JEA.</p> <p>(e) Service hereunder shall be subject to the Rules and Regulations of JEA.</p>

JEA

Twenty-Third Revised Sheet No. 11.0
Canceling Twenty-Second Revised Sheet No. 11.0

GSLDHLF
Revenue Codes IND40HLF

RATE SCHEDULE GSLD-HLF
GENERAL SERVICE LARGE DEMAND - HIGH LOAD FACTOR
(EXPERIMENTAL)

AVAILABLE:

In all territory served by JEA.

APPLICABLE:

To any customer that meets the following conditions:

- a) Measured monthly billing demand is 700 kW or greater and;
- b) Customer uses 475 kWh per kW of Ratcheted Demand or greater for six (6) or more billing periods out of the last twelve (12) consecutive billing periods.

Resale of energy purchased under this rate schedule is not permitted.

CHARACTER OF SERVICE:

JEA's standard voltage levels.

RATE PER MONTH:

The charge per month shall consist of the basic monthly, demand, energy, fuel, and environmental charges as follows:

Basic Monthly Charge: \$335.00 per month

Demand Charge: \$12.16 per kW for all kW of Billing Demand

Excess Reactive Demand Charge: \$12.16 for all Excess Reactive Demand as defined below

Energy Charge:

For the first 350 kWh per kW of Ratcheted Demand: ~~2.4562.639~~ cent per kWh

For the next 200 kWh per kW of Ratcheted Demand: ~~1.3621.545~~ cent per kWh

For all energy above 550 kWh per kW of Ratcheted Demand: ~~0.6950.878~~ cent per

kWh

Fuel Charge: as stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0), where all energy up to 350 kWh per kW of Ratcheted Demand is priced at the GSLD levelized charge and all additional energy is priced at the GSLD off-peak charge.

Environmental Charge: as stated in the Environmental Charge (Sheet No. 5.1).

(Continued on Sheet 11.1)

(Continued from Sheet 11.0)

Primary Service Discount: A discount of \$0.63 per kW of Billing Demand and 0.13 cent per kWh will be allowed for service taken at 4,160 volts or higher, but less than 69,000 volts, when the customer provides all of the equipment required to take service at JEA's existing primary lines.

Transmission Service Discount: A discount of \$1.93 per kW of Billing Demand and 0.25 cent per kWh will be allowed for service taken at 69,000 volts or higher, but less than 230,000 volts, when the customer provides all of the equipment required to take service at JEA's existing transmission lines. A discount of \$2.56 per kW of Billing Demand and 0.32 cent per kWh will be allowed for service taken at 230,000 volts or higher.

Minimum Bill: \$335.00 Basic Monthly Charge.

Definition of Billing Demand: The maximum integrated 15-minute metered kW demand in the billing period.

Definition of Ratcheted Demand: The greater of the Billing Demand in the current month or the highest Billing Demand occurring in the previous eleven months.

Determination of Reactive Demand: As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)

TERMS AND CONDITIONS:

- (a) Service will be made available under this rate schedule upon application for service accompanied by payment of deposit or bond as required by JEA.
- (b) Service hereunder shall be subject to the Rules and Regulations of JEA.
- (c) Should the Billing Demand fall below 700 KW, the customer may be reclassified to Rate Schedule GSD, at the option of JEA. Should customer use fall below 475 kWh per KW of Ratcheted Demand, the customer may be reclassified to Rate Schedule GSLD, at the option of JEA.

(Continued on Sheet 11.2)

JEA

Twenty-First Revised Sheet No. 11.2
Canceling Twentieth Revised Sheet No. 11.2

(Continued from (Sheet 11.1))

- (d) Selection of the GSLD-HLF rate will require the customer to relinquish all JEA Rider service agreement(s) currently in effect with no penalty to either party.
- (e) Selection of the GSLD-HLF rate will preclude the election of any JEA Rider, except Rider EDP for new customers. A new customer is defined as a customer having a meter set after October 1, 2014.

JEA

Eighteenth Revised Sheet No. 11.3
Canceling Seventeenth Revised Sheet No. 11.3

(For Future Use)

JEA

Eleventh Revised Sheet No. 11.4
Canceling Tenth Revised Sheet No. 11.4

(For Future Use)

JEA

Eighteenth Revised Sheet No. 12.0
Canceling Seventeenth Revised Sheet No. 12.0

INTERRUPTIBLE SERVICE EXTRA LARGE DEMAND
Revenue Codes ISXLD

RATE SCHEDULE ISXLD
INTERRUPTIBLE SERVICE EXTRA LARGE DEMAND (OPTIONAL)

AVAILABLE:

In all territory served by JEA where service can be rendered from JEA transmission voltage facilities having adequate capacity to serve the load.

APPLICABLE:

To any customer with measured monthly billing demand of 50,000 kW or greater eight (8) or more billing periods out of the last twelve (12) consecutive billing periods. All service hereunder will be rendered through a single metering installation and may be completely interrupted by JEA. Resale of energy purchased under this rate schedule is not permitted.

Customers taking service under this rate schedule are required to execute a service agreement.

CHARACTER OF SERVICE:

JEA's 69,000 voltage level or higher

LIMITATION OF SERVICE:

Interruptible service is electric service that can be interrupted either automatically or manually at the sole discretion of JEA. Interruptible service under this rate schedule is subject to interruption during any time period that electric power and energy delivered hereunder from JEA's available generating resources is required (a) to maintain service to JEA's firm power customers and firm power sales commitments, (b) to supply emergency Interchange service to another utility for its firm load obligations only, (c) in connection with maintenance outages on JEA's system, or (d) when the price of power available to JEA from any source exceeds 30 cents per kWh.

RATE PER MONTH:

The charge per month shall consist of the total of the basic monthly, demand, energy, peaking, fuel, and environmental charges as follows:

Basic Monthly Charge: \$770.00 per month

Demand Charge: \$6.58 per kW for all kW of Billing Demand

(Continued on Sheet 12.1)

JEA

Sixteenth Revised Sheet No. 12.1
Canceling Fifteenth Revised Sheet No. 12.1

(Continued from Sheet 12.0)

Excess Reactive Demand Charge: \$6.58 for all Excess Reactive Demand as defined below

Energy Charge:

For the first 300 kWh per kW of Ratcheted Demand: ~~1.250~~1.432 cent per kWh
For the next 65 kWh per kW of Ratcheted Demand: ~~1.157~~1.339 cent per kWh
For all energy above 365 kWh per kW of Ratcheted Demand: ~~1.056~~1.238 cent per

kWh

Peaking Price: 22.700 cents per kWh plus applicable Fuel Charge

Customers will be notified no later than 4:00 p.m. Eastern Time of the time periods “peaking price” will be in effect for the following day.

Fuel Charge: As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0)

Environmental Charge: As stated in the Environmental Charge (Sheet No. 5.1)

Transmission Service Discount: A discount of \$1.93 per kW of Billing Demand and 0.25 cent per kWh will be allowed for service taken at 69,000 volts or higher, but less than 230,000 volts, when the customer provides all of the equipment required to take service at JEA's existing transmission lines. A discount of \$2.56 per kW of Billing Demand and 0.32 cent per kWh will be allowed for service taken at 230,000 volts or higher.

Minimum Bill: The dollar amount of the minimum bill shall be specified in the Service Agreement.

Definition of Billing Demand: The maximum integrated 15-minute metered kW demand in the billing period unless otherwise specified in the Service Agreement. In no event shall Billing Demand be less than 50,000 kW.

Definition of Ratcheted Demand: The greater of the Billing Demand in the current month or the highest Billing Demand occurring in the previous eleven months.

Determination of Reactive Demand: As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1).

Application of Peaking Price: JEA will activate the Peaking Price when JEA's marginal price meets or exceeds JEA's Combustion Turbine Price as listed in JEA's Schedule A interchange report.

(Continued on Sheet 12.2)

JEA

Thirteenth Revised Sheet No. 12.2
Canceling Twelfth Revised Sheet No. 12.2

(Continued from Sheet 12.1)

Buy-Through Provision: Customers served under this rate schedule may elect to participate in the optional Buy-Through Provision. JEA will solicit power and energy purchases from other sources on the customer's behalf during periods when JEA would otherwise interrupt the customer's electrical loads. Customer may request enrollment in the Buy-Through Provision (or re-enrollment after withdrawing) by making written request to JEA, to which JEA shall respond within thirty (30) days. Should JEA not be able to arrange Buy-Through power, the customer may, at its option, arrange for reliable delivery to JEA of the amount of power to be interrupted, which JEA will sell to the customer. The customer must notify JEA of the power provider in sufficient time for JEA to establish a contract with the provider, if none exists. When JEA is successful in making said purchases, Customer shall pay JEA's cost of purchasing such power plus 3 mils per kWh in lieu of the otherwise-applicable energy charge listed in Rate Schedule ISXLD. Customer may withdraw from participation by providing one year's advance written notice to JEA.

TERMS AND CONDITIONS:

- (a) Service will be made available under this rate schedule upon execution of a Service Agreement accompanied by payment of deposit or bond as required by JEA.
- (b) Service hereunder shall be subject to the Rules and Regulations of JEA.
- (c) Should the customer's Billing Demand be reduced below the demand threshold of 50,000 kW, JEA may, at its option, reclassify the account to Rate Schedule GSLD.
- (d) In addition to the Limitation of Service described above, JEA may further interrupt electric service upon 30 days advance notice or at any other mutually agreed upon date and time, to test the availability and operability of interruptible capacity irrespective of JEA system capacity availability or operating conditions.
- (e) Selection of the ISXLD rate schedule will require an existing customer to relinquish all JEA Rider service agreement(s) currently in effect with no penalty to either party and will preclude election of any JEA Rider.

JEA

Twenty-Eighth Revised Sheet No. 13.0
 Canceling Twenty-Seventh Revised Sheet No. 13.0

;SL

Revenue Codes See Rate Code

RATE SCHEDULE SL
STREET LIGHTING

Available In all territory served by the retail distribution system of JEA.

Applicable To any Public Agency (State, County or Municipal governments) and to Owner's Associations for automatically-controlled lighting of public thoroughfares and to JEA's private residential customers who are owners of the property in question for automatically-controlled area lighting.

Character of Service Dusk-to-dawn automatically-controlled lighting owned, operated and maintained by JEA, and governed by JEA's Management Directive for Street Lighting, MD909.

Schedule of Rates

Rate Code	Service Type	Wattage & Type	Fixture Types	Monthly kWh	Monthly Non-Fuel Charge \$/Fixture*
SLHPS1	Standard	70W HPS	CH, PT	29	\$6.366.42
SLHPS2	Standard	200W HPS	CH, FL	88	\$7.437.59
SLHPS3	Standard	250W HPS	CH	108	\$7.587.78
SLHPS4	Standard	400W HPS	CH, FL	169	\$8.428.73
SLMHS1	Standard	100W MH	DA	47	\$10.6110.7
					0
SLMHS2	Standard	150W MH	PT	67	\$7.577.69
SLMHS3	Standard	175W MH	PT	76	\$7.657.79
SLMHS4	Standard	320W MH	CH, FL	130	\$8.108.34
SLMHS5	Standard	150W MH	DA	67	\$13.3613.4
					9
SLMHS6	Standard	400W MH	CH, FL	164	\$8.428.72
SLMHS7	Standard	175W MH	DA	76	\$13.4513.5
					9
SLMHE1	Historic Energy & O&M	150W MH	DA	67	\$1.922.04
SLMHE2	Historic Energy & O&M	175W MH	DA	76	\$2.012.14
SLMHE3	Energy & O&M	320W MH	CH, FL, SB	130	\$2.512.75
SLMHE4	Energy & O&M	400W MH	CH, FL, SB	164	\$2.823.13
SLLED1	Standard	40W LED	CH	15	\$6.326.34
SLLED2	Standard	40W LED	PT	16	\$7.077.10
SLLED3	Standard	115W LED	CH	41	\$7.207.28
SLLED4	Standard	162W LED	SB	59	\$11.0211.1
					3
SLLED5	Standard	275W LED	CH	99	\$8.909.08
SLLED6	Standard	72W LED	PT	26	\$7.487.53
SLLED7	Standard	100W LED	DA	36	\$9.249.30
SLLED8	Standard	60W LED	AC	22	\$7.777.81
SLLED9	Standard	150W LED	TD	54	\$10.5510.6
					5

HPS =

High Pressure Sodium LED = Light Emitting Diode MH = Metal Halide

AC = Acorn CH = Cobra Head DA = Decorative Acorn FL = Floodlight
 PT = Post Top SB = Shoebox TD = Tear Drop

JEA

Twenty-Eighth Revised Sheet No. 13.0
Canceling Twenty-Seventh Revised Sheet No. 13.0

*Monthly Fixture charge is valid for bills of 30 days only.
The charge will vary depending on the actual number of days billed.

(Continued to Sheet No. 13.1)

JEA

Twentieth Revised Sheet No. 13.1
 Canceling Nineteenth Revised Sheet No. 13.1

(Continued from Sheet No. 13.0)

Energy Only (Rate Code ENERGY97) The monthly charge shall be computed as follows:

$$\text{Total Wattage (including Ballast)} \times 360 \text{ Hours} \times \$0.03325$$

Types of Service

The types of service are defined as follows:

- (a) **STANDARD SERVICE:** (Applicable Rate Codes SLHPS1-4, SLMHS1-7, SLLED1-7). In addition to Energy and O&M service, as described below, this service also includes an ownership cost for the initial installation of the fixture assembly including bracket, accessories, and labor. The applicable rates are for both overhead and underground fed lighting systems. Underground systems and fixture types not listed above require a contribution-in-aid-of construction to cover the differential cost between overhead versus underground systems and standard versus non-standard fixture types.
- (b) **HISTORIC (PED LIGHT) ENERGY & O&M SERVICE:** (Applicable Rate Codes SLMHE1-2). This service shall apply to those Historic Pedestrian Lights that are usually installed within predefined “whitelight areas” (see Rules & Regulations, Downtown Service Area Boundary Maps). JEA is responsible for maintenance of these lights which include replacement of failed electrical components, bulbs, glassware, and the cleaning of glassware at such intervals as necessary to keep the system presentable and efficient. JEA is not responsible for the installation/removal/maintenance of the street banners and associated banner rod equipment. The capital cost is the responsibility of the City or the using Agency.
- (c) **ENERGY AND O&M SERVICE:** (Applicable Rate Codes SLMHE 3-4). This service includes dusk-to-dawn powering, maintenance and replacement of the standard, replacement of failed electrical components, bulbs, glassware, and the cleaning of glassware at such intervals as necessary to keep the system presentable and efficient. The capital cost is the responsibility of the City or the using Agency. This service is not available for new installations after the effective date of this policy.

(Continued to Sheet No. 13.2)

JEA

Eighteenth Revised Sheet No. 13.2
Canceling Seventeenth Revised Sheet No. 13.2

(Continued from Sheet No. 13.1)

- (d) ENERGY ONLY SERVICE: (Applicable Rate Code ENERGY97). This service shall apply to those lights where special arrangements have been made with JEA and applies to those decorative standards which are supplied and installed by others in the Downtown area. Maintenance and replacement of the standard shall be on a contractual or cost plus basis.

Fuel Charge

As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0). The FFPC is applied to the Monthly kWh.

Environmental Charge

As stated in the Environmental Charge (Sheet No. 5.1). The Environmental Charge is applied to the Monthly kWh.

Terms and Conditions

The following Terms and Conditions apply to Lighting Service:

- (a) Monthly charges for all Rate Codes are based upon JEA having an existing source of electrical power to each lighting installation.
- (b) Monthly charges are based on an overhead service. An initial charge will be required for all underground installations, unless a facilities charge is applied.
- (c) Prior to installation of area lighting facilities, JEA's private residential customers who are owners of the property in question, shall execute a contract for lighting service with JEA. The initial term for such contracts shall be three (3) years. In the event the light is removed prior to the expiration of the first three (3) year contract, either at the customer's request or for non-payment of bill, a "Take-Down" fee shall be assessed the customer. All charges due under this contract shall be applicable to any account the customer may then or thereafter have with JEA.

JEA

Fifteenth Revised Sheet No. 14.0
Canceling Fourteenth Revised Sheet No. 14.0

(For Future Use)

JEA

Fifteenth Revised Sheet No. 14.1
Canceling Fourteenth Revised Sheet No. 14.1

(For Future Use)

JEA

Twelfth Revised Sheet No. 14.2
Canceling Eleventh Revised Sheet No. 14.2

(For Future Use)

JEA

Twentieth Revised Sheet No. 15.0
Canceling Nineteenth Revised Sheet No. 15.0

JEA SOLARSMART RIDER

AVAILABLE:

In all territory served by JEA

APPLICABLE:

Available upon request to any customer that meets the following conditions:

- a) No delinquent account balance
- b) Not currently served under a time of day rate schedule

RATE PER MONTH:

The charge per month shall consist of the basic monthly, demand (where applicable), energy, fuel, and environmental charges per the applicable rate schedule as modified below:

Fuel Charge: JEA SolarSmart kWh will be billed at the JEA SolarSmart Rate as stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).

Remaining kWh will be billed at the Levelized Fuel Rate as stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).

Environmental Charge: JEA SolarSmart kWh are exempt from the Environmental Charge (Sheet No. 5.1)

Definition of JEA SolarSmart kWh: The elected percentage of total kWh per billing period rounded to the nearest kWh.

TERMS AND CONDITIONS:

- (a) Customers may elect to receive up to 100% of their energy from JEA solar energy sources.
- (b) Customers may enroll at any time but must remain on JEA SolarSmart for at least one (1) billing period after enrollment. A customer may cancel any time thereafter and enroll again at a later date.
- (c) No refund or adjustments of JEA SolarSmart charges will be made if service is canceled.
- (d) Energy produced from JEA solar energy sources may not be specifically delivered to the customer.
- (e) Any Fuel Credit, approved by JEA's Board, will be calculated using the total kWh less JEA SolarSmart kWh in the month a credit is given.

JEA

Seventeenth Revised Sheet No. 15.1
Canceling Sixteenth Revised Sheet No. 15.1

JEA SOLARMAX RIDER

AVAILABLE:

In all territory served by JEA

APPLICABLE:

Available upon request to any customer that enters into a JEA SolarMax Rate Agreement (Agreement) and meets the following conditions:

- a) Minimum 7,000,000 kWh of annual solar power purchases requested at time of Agreement execution
- b) No delinquent account balance
- c) Not taking service under a time of day rate schedule

RATE PER MONTH:

Charges per month shall consist of the basic monthly, demand, energy, fuel and environmental charges per the applicable rate schedule as modified below:

Fuel Charge: JEA SolarMax kWh will be billed at the price set forth in the Agreement

Remaining kWh not selected as JEA SolarMax will be billed at the Levelized Fuel Rate as stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).

Environmental Charge: JEA SolarMax kWh are exempt from the Environmental Charge (Sheet No. 5.1)

of JEA SolarMax kWh: The elected percentage of total kWh per billing period rounded to the nearest kWh as set forth in the Agreement

TERMS AND CONDITIONS:

- (a) Customers may elect to receive up to 100% of their energy from JEA solar energy sources.
- (b) Customers may enroll at any time.
- (c) New solar installations are subject to JEA's system limitations and operational limits of solar power within JEA's service territory.
- (d) Energy produced from JEA solar sources may not be specifically delivered to the customer.
- (e) Any Fuel Credit, approved by JEA's Board, will be calculated using the total kWh less JEA SolarMax kWh in the month a credit is given.

JEA

Twelfth Revised Sheet No. 15.2
Canceling Eleventh Revised Sheet No. 15.2

(For Future Use)

JEA

Seventeenth Revised Sheet No. 16.0
 Canceling Sixteenth Revised Sheet No. 16.0

RIDER MA
 MULTIPLE ACCOUNT LOAD FACTOR
 IMPROVEMENT RIDER

<u>Available</u>	In all territory served by JEA.
<u>Applicable</u>	To customers whose services are eligible for Rate Schedules GS, GSD, GSLD, and GSXLD, and whose combined kW demand meet the minimum requirements of Rate Schedule GSLD. This rider is not available to any pooling or other purchasing arrangement in which entities that would otherwise be individual customers totalize their electricity purchases through any other customer. Resale of energy purchased under this rider is not permitted.
<u>Character of Service</u>	JEA’s standard voltage levels.
<u>Rate Per Month</u>	For customers electing to totalize their accounts, the charge per month shall be the energy, demand, and excess reactive demand charges as listed under JEA’s GSLD, or GSXLD Rate Schedule plus a \$1,000 per month basic monthly charge and a monthly \$85.00 per account site fee.
<u>Definition of Combination</u>	The combination of meters shall mean the combining of the separate consumption and registered kW demand for the customer with two or more service locations throughout JEA’s service territory.
<u>Determination of Billing Demand</u>	The Billing Demand for the month shall be the combined maximum integrated 15-minute metered kW demand in the month.
<u>Terms and Conditions</u>	<ul style="list-style-type: none"> (a) Service hereunder shall be subject to the Rules and Regulations of JEA. (b) JEA will install demand meters on accounts receiving service under JEA’s General Service (GS) Rate Schedule who are totalized. (c) Time of Day billing is not available with Rider MA. (d) The customer may add a qualifying account at any time. However, if the customer deletes an account that is under the MA Rider, that account may not be restored to the MA Rider for a period of 12 months. (e) If the customer’s aggregate load falls below 699 kW, the customer’s participation in this Rider may be terminated. (f) Customer taking service under this rider will be subject to having their coincident peak demand adjusted if there is an indication of a power factor of less than 90% lagging based on metering. Any demand adjustments will be based on the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)

JEA

Thirteenth Revised Sheet No. 16.10
 Canceling Twelfth Revised Sheet No. 16.10

**RIDER GSLDR-5
 GENERAL SERVICE LARGE DEMAND RIDER
 (CLOSED TO NEW CUSTOMERS)**

<u>Available</u>	In all territory served by JEA.
<u>Applicable</u>	To any customers who have executed a General Service Large Demand Rider Electric Service Agreement with JEA before August 20, 2013 and whose accounts qualify for electric service under Rate Schedule GS, GST, GSD, GSDT, GSLD, GSLDT or Multiple Account Load Factor Improvement Rider and whose accounts in aggregate demand are no less than 699 KW, or whose account(s) qualify for electric service under Rate Schedule GSD and whose account(s) have an average load factor equal to or greater than 65%. Resale of energy purchased under this rider is not permitted.
<u>Character of Service</u>	JEA's standard voltage levels.
<u>Rate Per Month</u>	Customers executing a General Service Large Demand Rider Electric Service Agreement before August 20, 2013 shall receive up to a 5% discount on their electric bill(s). The discount will be applied to the electric charge. The discount will not apply to any credits, penalties, service charges, Gross Receipts Tax or other applicable taxes including franchise fees.
<u>Definition of Aggregated Load</u>	The sum of the highest billing demands for each account for the past 12 months.
<u>Definition of Average Load Factor</u>	Average load factor = $\frac{\text{12-month average consumption (kWh)}}{\text{12-month average demand (kW)} \times 730 \text{ (hrs/month)}}$
<u>Term of Service</u>	Service under this rider shall be for a minimum initial term of five (5) years from the commencement of service. Customers desiring to terminate service under this rate schedule after the initial two (2) years, will be required to give JEA a minimum of thirty-six (36) months notice prior to the transfer to JEA's standard rates or, if allowed by law, receipt of service from another electric service provider. Should the customer elect to terminate the General Service Large Demand Electric Service Agreement with JEA, giving less than thirty-six (36) months notice, then the customer shall pay an amount equal to the discounted monthly kW demand charge times the customer's average billing demand for the most recent 12 months for each of the remaining months of the contract term.
<u>Terms and Conditions</u>	<p>(a) Service hereunder shall be subject to the Rules and Regulations of JEA.</p> <p>(b) At the option of the customer this five percent (5%) discount may be used for funding certain electric and electric-related infrastructure at the customer's service location.</p> <p style="text-align: center;">(Continued to Sheet No. 16.11)</p>

JEA

Seventh Revised Sheet No. 16.11
Canceling Sixth Revised Sheet No. 16.11

(Continued from Sheet No. 16.10)

- (c) Election of JEA's General Service Large Demand Rider will preclude the election of any other Rider except the Multiple Account Load Factor Improvement Rider.
- (d) Customer must maintain a minimum aggregate electric demand of 699 kW for one JEA billing within any 12 month period. In the event that such aggregate demand is not maintained by the customer, the customer may be billed according to their normal non-discounted rate classification.
- (e) JEA and the customer may agree for JEA to provide additional services, including related water, sewer and energy services, vary the term of service, with a maximum initial length of ten (10) years, and modify terms and conditions. As mutually agreeable, negotiated services, terms and conditions shall be set forth in the General Service Large Demand Rider Electric Service Agreement.

JEA

Eighteenth Revised Sheet No. 16.20
 Canceling Seventeenth Revised Sheet No. 16.20

RIDER GSXLD
 GENERAL SERVICE EXTRA LARGE DEMAND

Available In all territory served by JEA.

Applicable To any customers who have executed a ten (10) year General Service Extra Large Demand Electric Service Agreement with JEA and whose existing account is no less than 25,000 kW demand or whose existing multiple accounts in aggregate are no less than 25,000 kW demand. Resale of energy purchased under this rider/rate schedule is not permitted.

Character of Service JEA’s standard voltage levels.

Rate Per Month For customers executing an General Service Extra Large Demand Electric Service Agreement the charges per month listed below will apply to the customer’s respective accounts unless the customer elects to totalize. Combined accounts under contract will be subject to the rates listed under the heading “Rates per Month for Combined Accounts”.

Rates for Contracted Accounts under Rate Schedules GS, GSD and GSLD:

	<u>GSXLD-GS</u>	<u>GSXLD-GSD</u>	<u>GSXLD-GSLD</u>
Basic Monthly Charge	\$9.25	\$85.00	\$335.00
Demand Charge per kW	Not Applicable	\$6.98	\$10.06
Energy Charge per kWh	5.1505.333 cent	2.3562.539 cent	1.6221.805 cent
Fuel Charge	See Sheet No. 5.0	See Sheet No. 5.0	See Sheet No.5.0
Energy Only Charge per kWh	Not Applicable	6.341 cent	Not Applicable
Excess kVar Charge per Excess kVar	Not Applicable	Not Applicable	Per Sheet 5.1
Environmental charge	See Sheet No. 5.1	See Sheet No. 5.1	See Sheet No.5.1

(Continued to Sheet No. 16.21)

JEA

Fourteenth Revised Sheet No. 16.21
 Canceling Thirteenth Revised Sheet No. 16.21

(Continued from Sheet No.16.20)

Rate per Month for Combined Accounts:

Basic Monthly Charge: \$ 1,000.00 per month

Demand Charge: \$10.06 per kW

Energy Charge : ~~1.622~~1.805 cent per kWh plus the applicable Fuel Charge

Excess Reactive Demand Charge: As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1).

Site Fee: \$85.00 per site

Fuel Charge As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).

Environmental Charge As stated in the Environmental Charge (Sheet No. 5.1)

Minimum Bill Will be the applicable Basic Monthly Charge as listed above, plus any special service charges as defined in the agreement.

Multiple Account Option Customers with two (2) or more existing accounts with an Aggregate Load totaling 25,000 kW or more are eligible for service under this rate schedule. The accounts will be combined according to the terms and conditions of JEA’s Multiple Account Load Factor Improvement Rider.

Definition of Aggregated Load The sum of the highest billing demands for each account for the past 12 months.

(Continued to Sheet No.16.22)

JEA

Fourteenth Revised Sheet No. 16.22
Canceling Thirteenth Revised Sheet No. 16.22

(Continued from Sheet No. 16.21)

Determination of
Billing Demand

The Billing Demand for the month shall be either the totalized or the non-totalized maximum integrated 15-minute metered kW demand in the month, as may be adjusted per sheet No. 5.1.

Determination of
Reactive Demand

As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)

Primary Service
Discounts

A discount of \$0.63 per kW of Billing Demand and 0.13 cent per kWh will be allowed for service taken at 4,160 volts or higher, but less than 69,000 volts, when the customer provides all the equipment required to take service at JEA's existing primary lines.

Transmission
Service Discount

A discount of \$1.93 per kW of Billing Demand and 0.25 cent per kWh will be allowed for service taken at 69,000 volts or higher, but less than 230,000 volts, when the customer provides all of the equipment required to take service at JEA's existing transmission lines. A discount of \$2.56 per kW of Billing Demand and 0.32 cent per kWh will be allowed for service taken at 230,000 volts or higher.

Term of
Service

Service under this rider shall be for a minimum initial term of 10 years from the commencement of service. Customers desiring to terminate service under this rate schedule after the initial five (5) years will be required to give JEA a minimum of sixty (60) months notice prior to the transfer to JEA's standard rates, or if allowed by law, receive service from another provider of electricity. Should the customer elect to terminate the General Service Extra Large Demand Electric Service Agreement with JEA with less than the required five (5) years notice, then the customer shall pay an amount equal to the monthly kW demand charge times the customer's average billing demand for the most recent 12 months for the remainder of the contract term.

(Continued to Sheet No. 16.23)

JEA

Twelfth Revised Sheet No. 16.23
Canceling Eleventh Revised Sheet No. 16.23

(Continued from Sheet No. 16.22)

Terms and
Conditions

- (a) Service hereunder shall be subject to the Rules and Regulations of JEA.
- (b) The customer may not purchase electricity from another entity during the period the accounts are under contract.
- (c) The customer must maintain a minimum aggregate load of 25,000 kW in a 12 month period to remain eligible for this rate.
- (d) Election of JEA's General Service Extra Large Demand Rider will preclude the election of any other Rider except the Multiple Account Load Factor Improvement Rider.
- (e) Customer must maintain a minimum aggregate electric demand of 25,000 kW for one JEA billing within any 12 month period. In the event that such aggregate demand is not maintained by the customer, JEA will require the customer to select one of the following options:
 - 1) Terminate service under this Rider and pay termination fees applicable to cancellation with less than 36 month notice; or
 - 2) Revert to the conditions of the General Service Large Demand Rider.
- (f) JEA and the customer may agree for JEA to provide additional services, including related water, sewer and energy services, and modify terms and conditions. As mutually agreeable, negotiated services, terms and conditions shall be set forth in the General Service Extra Large Demand Rider Electric Service Agreement.

JEA

Tenth Revised Sheet No. 16.30
 Canceling Ninth Revised Sheet No. 16.30

**RIDER LDI
 LOAD DENSITY IMPROVEMENT RIDER
 (CLOSED TO NEW CUSTOMERS)**

Available To new and existing customers receiving service in Planning Districts 3 East, 4 West, 5 West, 6 and 7 served by JEA.

Applicable To new or existing customers who have executed a ten (10) year Load Density Improvement Electric Service Agreement with JEA and whose new or modified account qualifies for electric service under Rate Schedule GSD, GSDT, GSLD, and GSLDT. Application to commence service under this Rider after October 1, 2002, will not be accepted. Resale of energy purchased under this rider is not permitted.

Character of Service JEA’s standard voltage levels.

Rate Per Month Customers executing a Load Density Improvement Electric Service Agreement shall receive an adjustment based on the percentages listed below. For new customers, the discount will be applied to the electric charge including the energy and demand charges, the primary service discount, transmission discount and the excess KVAR charge. The adjustment will not apply to penalties, service charges, Gross Receipts Tax or other applicable taxes including franchise fees. For existing customers, the adjustment will only be applied to the bill components above the base load as defined in “Definition of Base Load.”

Months 1- 12	25 Percent
Months 13- 24	15 Percent
After Month 24	5 Percent

Term of Service Service under this rider shall be for a minimum initial term of seven (7) years from the commencement of service. Customers desiring to terminate service under this rider, after the initial term, will be required to give JEA a minimum of thirty-six (36) months notice. Should the customer elect to terminate the Load Density Improvement Rider Agreement with JEA with less than the required thirty-six (36) month notice, the customer shall pay an amount equal to the monthly kW demand charge times the customer’s average billing demand for the most recent 12 months for the remainder of the contract term.

(Continued to Sheet No.16.31)

JEA

Seventh Revised Sheet No. 16.31
 Canceling Sixth Revised Sheet No. 16.31

(Continued from Sheet No. 16.30)

Definition of
 New and
 Existing Customer

A customer will be considered a new customer provided its meter is set or service is put in its name after May 21, 1996. A name change or other superficial change at an existing location, whereby the ownership and control over the premises are not changed, will not be considered as a new customer. An applicant shall also be considered a new customer if the applicant can demonstrate that an existing facility has not been in operation for at least twelve months. All customers who are not new customers will be considered existing customers. Existing customers will be eligible for this rider when the customer materially increases its use on or after May 22, 1996.

Definition of
 Incremental Load

The portion of the customer’s load which has materially increased as a result of expansion. A material increase can be the result of: (1) An increase in electrical usage of at least twenty-five percent (25%), (2) Adding a minimum of 500kW to the existing load, (3) Adding twenty-five full time jobs.

Definition of
 Base Load

JEA will establish a twelve month base usage period for each qualifying customer. Such base usage will reflect, by month, the billed kW and KVAR demand and kWh consumption for the 12 month period immediately preceding the customer’s application for service.

Terms and
 Conditions

- (a) Service hereunder shall be subject to the Rules and Regulations of JEA.
- (b) The existing customer shall notify JEA in writing of a material increase in electric service. If for the next three consecutive months or any three consecutive months in the twelve months preceding the application, each month’s usage exceeds the usage in the preceding year by at least twenty-five percent (25%), or if a minimum load of 500 kW is added, then the customer will be eligible to receive service under this Rider following approval of the application. The existing customer may also be eligible for service under this rider if twenty-five permanent jobs are added. Each full time employee, as reported on Department of Labor quarterly form ES202 filed with the Florida Department of Labor, will constitute one job.
- (c) Service under this rider shall not be available where the service is furnished solely or predominately for telephone booths, telecommunication local distribution facilities, cable television or similar structures or locations, for multi-tenanted residential buildings, or service defined as “Temporary”, for residential-type premises where the account is in the name of a non-residential entity, such as apartments for renting purposes and for corporations.

(Continued to Sheet No. 16.32)

JEA

Eighth Revised Sheet No. 16.32
Canceling Seventh Revised Sheet No. 16.32

(Continued from Sheet No. 16.31)

- (d) Election of JEA's Load Density Improvement Rider will preclude the election of any other JEA Rider for new load. The Base Load of existing customers will be allowed to be served under Rider GSLDR-5, if eligible.
- (e) JEA and the customer may agree for JEA to provide additional services, including related water, sewer and energy services, and modify terms and conditions. As mutually agreeable, negotiated services, terms and conditions shall be set forth in the Load Density Improvement Electric Service Agreement.
- (f) A customer who has multiple accounts with JEA and qualifies for a discount under this rider may aggregate any other General Service accounts which qualify, as to location, under this LDI rider.

JEA

Thirteenth Revised Sheet No. 16.40
Canceling Twelfth Revised Sheet No. 16.40

IS
Revenue Codes
INT513A,3B,5A,5B

RIDER IS
INTERRUPTIBLE SERVICE

Available In all territory served by JEA .

Applicable To customers eligible for Rate Schedules SS or GSLD, whose accounts have an average load factor equal to or exceeding 35%, and who have executed an Interruptible Service Agreement with JEA. JEA reserves the right to limit the total load served under this rider. All service hereunder will be rendered through a single metering installation and may be completely interrupted by JEA. Resale of energy purchased under this rider is not permitted.

Character of Service JEA’s standard voltage levels.

Limitation of Service Interruptible service under this rider is subject to interruption during any time period that electric power and energy delivered hereunder from JEA’s available generating resources is required to (a) maintain service to JEA’s firm power customers and firm power sales commitments, or (b) supply emergency Interchange service to another utility for its firm load obligations only, or (c) when the price of power available to JEA from other sources exceeds 30 cents per kWh.

Rate Per Month The charge per month shall consist of the total of the basic monthly, demand and energy charge as follows:

Basic Monthly Charge:
\$ 770.00 per month

(Continued to Sheet No. 16.41)

JEA

Fifteenth Revised Sheet No. 16.41
 Canceling Fourteenth Revised Sheet No. 16.41

(Continued from Sheet No. 16.40)
 The customer may elect either of the following two price options:

Option A - Single Price with Peaking Price Rolled- In:

Demand Charge: \$6.58 per kW for all kW of Billing Demand.
 Energy Charge: ~~2.600~~2.783 cent per kWh plus applicable Fuel and Environmental Charges

Option B - Peak Price Separately Listed:

Demand Charge: \$6.58 per kW for all kW of Billing Demand.
 Energy Charge: ~~1.924~~2.107 cent per kWh plus applicable Fuel and Environmental Charges
 Peaking Price: 22.700 cent per kWh plus applicable Fuel Charge

Every day customers will be notified electronically by 4:00 p.m. Eastern Time of the time periods the “peaking price” will be in effect for the following day. Customers are required to notify JEA by 5:00 p.m. Eastern Time on the day of scheduled communication if the prices are not received.

Excess Reactive Demand Charge:

As stated in the Reactive Demand (KVAR) policy (Sheet 5.1).

Fuel Charge

As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).

Environmental Charge

As stated in the Environmental Charge (Sheet No. 5.1)

Minimum Bill

\$770.00 Basic Monthly Charge, plus any special service charges as defined in the agreement.

Determination of Billing Demand

The Billing Demand for the month shall be the maximum integrated 15-minute metered kW demand in the month, as may be adjusted per sheet No. 5.1.

Definition of Average Load Factor

Average load factor = $\frac{12\text{-month average consumption (kWh)}}{12\text{-month average demand (kW)} \times 730 \text{ (hrs/month)}}$

Definition of Interruptible Service

Interruptible Service is electric service that can be interrupted either automatically or manually at the discretion of JEA.

Definition of Peaking Price

JEA will activate the Peaking Price when JEA’s marginal price meets or exceeds JEA’s Combustion Turbine Price as listed in JEA’s monthly Schedule A interchange report.

(Continued to Sheet No. 16.42)

JEA

Fifteenth Revised Sheet No. 16.42
 Canceling Fourteenth Revised Sheet No. 16.42

(Continued from Sheet No. 16.41)

<u>Determination of Excess Reactive Demand</u>	As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)
<u>Primary Service Discounts</u>	A discount of \$0.63 per kW of Billing Demand and 0.13 cent per kWh will be allowed for service taken at 4,160 volts or higher, but less than 69,000 volts, when the customer provides all the equipment required to take service at JEA's existing primary lines.
<u>Transmission Service Discount</u>	A discount of \$1.93 per kW of Billing Demand and 0.25 cent per kWh will be allowed for service taken at 69,000 volts or higher, but less than 230,000 volts, when the customer provides all of the equipment required to take service at JEA's existing transmission lines. A discount of \$2.56 per kW of Billing Demand and 0.32 cent per kWh will be allowed for service taken at 230,000 volts or higher.
<u>Term of Service</u>	<p>Service under this rider shall be for a minimum initial term of 3 years from the commencement of service. Customers desiring to terminate service under this rate schedule and/or transfer to a firm rate schedule are required to give JEA a minimum of thirty-six (36) months notice prior to the transfer. For contracts executed prior to December 31, 1997, JEA may waive this notice requirement upon JEA's determination that there is sufficient capacity to provide firm service to the customer and that allowing the customer to receive firm service will have no adverse effect on JEA's availability of providing firm service to JEA's existing and projected firm customers for the early termination period. For contracts executed after December 31, 1997, if the Customer elects to terminate this Agreement by furnishing JEA with less than thirty-six (36) months written notice, Customer shall pay an amount equal to 36 months of GSLD rate demand charges, or execute a General Service Large Demand Rider Electric Service Agreement (GSLDR-5).</p> <p>If the customer agrees to extend the term of this Agreement to five (5) years, JEA will provide the Customer a 2.5% discount on the electric charge as calculated by the Interruptible Tariff. After completion of two (2) years under the provisions of this option, the Customer may request the Agreement be terminated by providing thirty-six (36) months written notice prior to termination. Customers who have executed an Interruptible Service Agreement with JEA prior to the availability of this option are offered the opportunity to accept this option when it is effective. If the Customer elects this option, the five (5) year term of this Agreement commences upon execution of the revised Agreement.</p>

(Continued to Sheet No. 16.43)

JEA

Ninth Revised Sheet No. 16.43
 Canceling Eighth Revised Sheet No. 16.43

(Continued from Sheet No.16.42)

Buy-Through Provision

Customers served under this schedule may elect to have JEA minimize interruptions as described in “limitation of service” by purchasing power and energy from other sources during periods of normal interruption. Such election must be made in writing to JEA and shall be in effect until 12 months after JEA is notified in writing that the customer no longer desires this optional provision. Should JEA not be able to arrange Buy-Through power, then the customer may, at its option, arrange for reliable delivery to JEA of the amount of power to be interrupted. JEA will sell this power to the customer. The customer must notify JEA of the power provider in sufficient time for JEA to establish a contract with the provider, if none exists. When JEA is successful in making such purchases, the customer will be required to pay JEA’s cost of such purchase plus 3 mil per kWh, in lieu of the otherwise applicable energy charge listed in this schedule.

Terms and Conditions

- (a) Service will be made available under this rate schedule upon the execution of an Interruptible Service Agreement accompanied by payment of deposit or bond if required by JEA.
- (b) Service hereunder shall be subject to the Rules and Regulations of JEA.
- (c) JEA reserves the rights to modify terms and conditions of service under this rate schedule at any time and may terminate this schedule upon six (6) months written notice after having held a public hearing.
- (d) Customers taking service under another rate schedule who elect to transfer to this rate will be accepted on a first-come first-served basis. Required equipment will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation.
- (e) JEA reserves the right to interrupt electric service once each calendar year, upon 30 days advance notice or at a mutually agreed upon date and time, in order to test the availability and operability of interruptible capacity irrespective of JEA system capacity availability or operating conditions.
- (f) A customer electing the commencement of service under this tariff will be able to cancel interruptible service at any time between the period of October 1, 1996 to December 31, 1997 and return to JEA’s standard rate schedule. After this initial period, the customer will be required to give JEA three (3) years notice to transfer, as further described in “Term of Service”

(Continued to Sheet No. 16.44)

JEA

Eleventh Revised Sheet No. 16.44
 Canceling Tenth Revised Sheet No. 16.44

(Continued from Sheet No.16.43)

- (g) Rider IS is applicable to Rate SS (co-generation) customers for billing rate and service term only. The Measured demand or the Contract demand of the SS contract (whichever is greater) will be billed at the IS tariff rate. Optional Time of Day billing is not allowed with Rider IS.
- (h) Election of JEA’s Interruptible Service Rider will preclude the election of any other JEA Rider.
- (i) JEA and the customer may agree for JEA to provide additional services, including related water, sewer and energy services, vary the term of service, with a maximum total length of ten (10) years, and modify terms and conditions. As mutually agreeable, negotiated services, terms and conditions shall be set forth in the Interruptible Service Agreement.

INCREMENTAL ECONOMIC DEVELOPMENT PROGRAM (IEDP)

<u>Period</u>	The Incremental Economic Development Program will begin October 1, 2011 and end September 30, 2021.
<u>Scope</u>	Specific incremental electric charges associated with the incremental load above a predetermined baseline. The discount shall be applied to incremental kW demand charges net of service level discount, kWh consumption charges net of service level discount, environmental charges and fuel charges. No discount will be apply to excess kVar charges, peaking energy or peaking fuel charges, penalties, service charges, Gross Receipts taxes or other applicable taxes or fees.
<u>Determination of Baseline Load</u>	<p>First 5 Program Years (JEA FY2012 – FY2016): For existing customers, the baseline will be the lesser of FY2008 through FY2010 total kWh consumption and the peak billed kW demand in the corresponding fiscal year</p> <p>For new customers or new facilities qualifying during FY2011 – FY2015, the baseline will be zero (0) kW demand. There will be no baseline established for kWh consumption. Discounts will not apply to kWh energy, environmental or fuel charges.</p> <p>Second 5 Program Years (JEA FY2017 – FY2021): Existing customers, the baseline will be the greater of FY2008 through FY2016 total kWh consumption and the peak billed kW demand in the corresponding fiscal year. During the second five years, all customers will be considered existing customers.</p>

(Continued to Sheet 16.45)

JEA

Third Revised Sheet No. 16.45
 Canceling Second Revised Sheet No. 16.45

(Continued from Sheet 16.44)

To calculate baseline total kWh consumption, JEA will use twelve consecutive monthly bills from October through September. Only in the event that eleven or thirteen bills were generated in the baseline year or where a billing correction has occurred will a baseline be calculated using a methodology that prorates daily energy consumption. Any meter or billing anomalies, including zero (0) kW demand and/or zero (0) kWh consumption within the fiscal year will be excluded from the baseline calculation.

Discount Schedule Discounts will be applied on a monthly basis using the percentages listed in the table below.

**Discounts on Monthly kW and kWh
 Average Monthly Baseline**

<u>JEA Fiscal Year</u>	<u>Base Charges</u>	<u>Fuel Charges</u>	<u>Baseline</u>
2012	100 %	10 %	lesser of
2013	100 %	10 %	FY2008
2014	75 %	7.5 %	through
2015	50 %	5 %	FY2010
2016	25 %	2.5 %	
2017	100 %	0 %	greater of
2018	100 %	0 %	FY2008
2019	75 %	0 %	through
2020	50 %	0 %	FY2016
2021	25 %	0 %	
2022	0 %	0 %	

Definition of
Base Charges Demand, Energy, and Environmental Charges

Definition of
Fuel Charges Variable Fuel, Fuel Recovery, Fuel Stabilization Charges

Definition of
Incremental Load The portion of the customer’s kW demand and kWh consumption which exceeds the established baseline.

(Continued on Sheet 16.46)

JEA

Fourth Revised Sheet No. 16.46
 Canceling Third Revised Sheet No. 16.46

(Continued from Sheet 16.45)

Terms and
 Conditions
 for IEDP

- (a) JEA reserves the right to limit any one customer’s incremental increase in kW demand or kWh consumption.
- (b) Existing General Service Large Demand (GSLD) customers who qualify for available interruptible service must execute an Interruptible Service Agreement by December 31, 2011. Customers must execute an Interruptible Service Agreement to participate in the IEDP. No retroactive discounts
- (c) New customers will only be considered when their facility meets the minimum qualifications for the Interruptible Service Rider. Customers must sign an Interruptible Service Agreement either within 12 months after qualifying for available interruptible service or by September 30, 2015, whichever occurs first. No retroactive discounts will apply.
- (d) Baseline and lower kW demand and kWh consumption will be billed in accordance with the Interruptible Service Rider.
- (e) Incremental kW demand and kWh consumption will be billed in accordance with the Interruptible Service Rider less the incremental service level discount then the IEDP percentage as listed in the table above will be applied to the result.
- (f) For each customer with multiple service points baselines will be established for each metered service point separately.
- (g) JEA reserves the right to cancel the Incremental Economic Development Program in the event that it is determined that the Program could have an adverse impact to JEA’s bond credit rating, JEA’s electric reliability, or any other significant factor as determined solely by JEA
- (h) Should another government body or agency, or regulatory body or task force promulgate, legislate or institute objectives or rules that provide for discounts on energy services, JEA reserves the right to remove this Incremental Economic Development Program from its Electric Tariff Documentation, pending Board approval, and then implement the other entity’s program.

JEA

Twelfth Revised Sheet No. 16.50
 Canceling Eleventh Revised Sheet No. 16.50

CS
 Revenue Codes
 CURT543A,3B,5A,5B

RIDER CS
 CURTAILABLE SERVICE

<u>Available</u>	In all territory served by JEA.
<u>Applicable</u>	To customers eligible for Rate Schedules SS or GSLD who have executed a Curtailable Service Agreement with JEA. The customer agrees during a period of requested curtailment to curtail a minimum load of 200 kW. All service hereunder will be rendered through a single metering installation. Resale of energy purchased under this rider is not permitted. JEA reserves the right to limit the total load served under this rider.
<u>Character of Service</u>	JEA's standard voltage levels.
<u>Limitation of Service</u>	Curtailable service under this rate schedule is subject to curtailment during any time period that electric power and energy delivered hereunder from JEA's available generating resources is required to (a) maintain service to JEA's firm power customers and firm power sales commitments, or (b) supply emergency interchange service to another utility for its firm load obligations only, and (c) when the price of power available to JEA from other sources exceeds 30 cents per kWh.
<u>Rate Per Month</u>	The following charges are applicable to the curtailable portion of the customer's load only. The kW demand and kWh consumption not exceeding the Contracted Non-Curtailable demand shall be billed according to the terms and conditions of JEA's standard General Service Large Demand Rate Schedule. Basic Monthly Charge: \$ 735.00 per month

(Continued to Sheet No. 16.51)

JEA

Fifteenth Revised Sheet No. 16.51
 Canceling Fourteenth Revised Sheet No. 16.51

(Continued from Sheet No. 16.50)

The customer may elect either of the following two price option`s:

Option A - Single Price with Peaking Price Rolled- In:

Demand Charge: \$9.27 per kW for all kW of Billing Demand.

Energy Charge: ~~2.51~~2.696 cent per kWh plus applicable Fuel
 and Environmental Charges

Option B - Peaking Price Separately Listed:

Demand Charge: \$9.27 per kW for all kW of Billing Demand.

Energy Charge: ~~1.82~~2.004 cent per kWh plus applicable Fuel
 and Environmental Charges
 Peaking Price: 22.700 cent per kWh plus applicable Fuel
 Charge

Every day customers will be notified electronically by 4:00 p.m. Eastern Time of the time periods the “peaking price” will be in effect for the following day. Customers are required to notify JEA by 5:00 p.m. Eastern Time on the day of scheduled communication if the prices are not received.

Excess Reactive Demand Charge: As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)

Fuel Charge As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).

Environmental Charge As stated in the Environmental Charge (Sheet No. 5.1)

Minimum Bill \$735.00 Basic Monthly Charge, plus any special charges as defined in the agreement.

Definition of Billing Demand The Billing Demand for the month shall be the maximum integrated 15-minute metered kW demand in the month, as may be adjusted per sheet No. 5.1.

Definition of Curtailable Service Curtailable Service is the electric service that can be reduced or interrupted upon request of JEA but solely at the discretion of the customer.

Definition of Contracted Non-Curtailable Demand The Contracted Non-Curtailable Demand for the month shall be the maximum integrated 15-minute metered kW demand that the Customer shall have requested and JEA shall have agreed to supply.

(Continued to Sheet No. 16.52)

JEA

Fourteenth Revised Sheet No. 16.52
 Canceling Thirteenth Revised Sheet No. 16.52

(Continued from Sheet No.16.51)

<u>Definition of Peaking Price</u>	JEA will activate the Peaking Price when JEA’s marginal price meets or exceeds JEA’s Combustion Turbine Price as listed in the monthly Schedule A interchange report.
<u>Determination of Reactive Demand</u>	As stated in the Excess Reactive Demand (KVAR) Policy (Sheet No. 5.1)
<u>Primary Service Discounts</u>	A discount of \$0.63 per kW of Billing Demand and 0.13 cent per kWh will be allowed for service taken at 4,160 volts or higher, but less than 69,000 volts, when the customer provides all the equipment required to take service at JEA’s existing primary lines.
<u>Transmission</u>	A discount of \$1.93 per kW of Billing Demand and 0.25 cent per kWh will be allowed for service taken at 69,000 volts or higher, but less than 230,000 volts, when the customer provides all the equipment required to take service at JEA’s existing transmission lines. A discount of \$2.56 per kW of Billing Demand and 0.32 cent per kWh will be allowed for service taken at 230,000 volts or higher.
<u>Term of Service</u>	<p>Service under this rider shall be for a minimum initial term of 3 years from the commencement of service. Customers desiring to terminate service under this rate schedule and/or transfer to a firm rate schedule are required to give JEA a minimum of thirty-six (36) months notice prior to the transfer. For contracts executed prior to December 31, 1997, JEA may waive this notice requirement upon JEA’s determination that there is sufficient capacity to provide firm service to the customer and that allowing the customer to receive firm service will have no adverse effect on JEA’s availability of providing firm service to JEA’s existing and projected firm customers for the early termination period. For contracts executed after December 31, 1997, if the Customer elects to terminate this Agreement by furnishing JEA with less than thirty-six (36) months written notice, Customer shall pay an amount equal to 36 months of GSLD rate demand charges, or execute a General Service Large Demand Rider Electric Service Agreement (GSLDR-5).</p> <p>If the customer agrees to extend the term of this Agreement to five (5) years, JEA will provide the Customer a 2.5% discount on the electric charges calculated by the Curtailable Tariff. After completion of two (2) years under the provisions of this Agreement, the Customer may request the Agreement be terminated by providing thirty-six (36) months written notice prior to termination.</p>

(Continued to Sheet No. 16.53)

JEA

Eighth Revised Sheet No. 16.53
 Canceling Seventh Revised Sheet No. 16.53

(Continued from Sheet No. 16.52)

Term of Service (cont'd)

Customers who have executed a Curtailable Service Agreement with JEA prior to the availability of this option are offered the opportunity to accept this option. If the Customer elects this option, the five (5) year extended term begins upon execution of the revised Agreement.

Terms and Conditions

- (a) Service will be made available under this rider upon execution of a Curtailable Service Agreement accompanied by payment of deposit or bond as required by JEA.
- (b) Service hereunder shall be subject to the Rules and Regulations of JEA.
- (c) JEA reserves the right to modify terms and conditions of service under this rate schedule at any time. JEA may terminate this rider upon 6 months written notice after having held a public hearing.
- (d) If the customer increases the electrical load, which requires JEA to increase facilities installed for the specific use of the customer, an additional term of service may be required under this rate at the discretion of JEA.
- (e) Customers taking service under another rate schedule who elect to transfer to this rate will be accepted on a first-come first-served basis. Required equipment will be installed accordingly, subject to availability. Service under this rate schedule shall commence with the first full billing period following the date of equipment installation.
- (f) If the maximum 15 minute kW demand established during any period of requested curtailment exceeds the customer's non-curtailable demand, then penalty charges will be assessed. The amount above the non-curtailable demand will be rebilled based on the difference in charges between JEA's GSLD rate and the CS rate for:
 - 1) the prior 12 months or
 - 2) the number of months since the prior curtailment period, or
 - 3) the period of time on the CS rate, whichever is less.

The dollar amount will be weighted by the ratio of the difference between the customer's non-curtailable demand and the maximum demand during the curtailment to the average peak during the appropriate period as specified above. A penalty charge of \$15.00 per kW for the current month will also be assessed. JEA's credit and collection policy will be applied for any adjustment made to the bill.
- (g) Rider CS is applicable to Rate SS (co-generation) customers for billing rate and term of service only. The Measured demand or the Contract demand of the SS contract (whichever is greater) in excess of the contract demand of the CS contract will be billed at the CS demand rate. Optional Time of Day billing is not allowed for the Rider CS.

(Continued to Sheet No. 16.54)

JEA

Twelfth Revised Sheet No. 16.54
Canceling Eleventh Revised Sheet No. 16.54

(Continued from Sheet No. 16.53)

- (h) Election of JEA's Curtailable Service Rider will preclude the election of any other JEA Rider for the Curtailable load. If, however, the firm load portion exceeds 699 kW, then the Customer may elect to execute a General Service Large Demand Rider (GSLDR-5) on the firm load. If the Customer elects to execute the GSLDR-5 agreement for its firm load, then the term of the Curtailable Service Agreement is extended to five (5) years to allow the Curtailable Service Agreement and the GSLDR-5 contract to run concurrently. Electric charges for the non-firm load, as calculated by the Curtailable Tariff, will be discounted 2.5% for the full term of the Agreement.
- (i) A customer electing the commencement of service under this tariff will be able to cancel curtailable service at any time between the period of October 1, 1996 to December 31, 1997 and return to JEA's standard rate schedule. After this initial period, the customer will be required to give JEA three (3) years notice to transfer, as further described in "Term of Service".
- (j) JEA and the customer may agree for JEA to provide additional services including related water, sewer and energy services, vary the term of service, with a maximum length of ten (10) years, and modify terms and conditions. As mutually agreeable, negotiated services, terms and conditions shall be set forth in the Curtailable Service Agreement.

Buy-Through
Provision

Customers served under this schedule may elect to have JEA minimize interruptions as described in "limitation of service" by purchasing power and energy from other sources during periods of normal interruption. Such election must be made in writing to JEA and shall be in effect until 12 months after JEA is notified in writing that the customer no longer desires this optional provision. Should JEA not be able to arrange Buy-Through power, then the customer may, at its option, arrange for reliable delivery to JEA of the amount of power to be interrupted. JEA will then sell this purchased power to the customer. The customer must notify JEA of the power provider in sufficient time for JEA to establish a contract with the provider, if none exists. When JEA is successful in making such purchases, the customer will be required to pay JEA's cost of such purchase plus 3 mil per kWh, in lieu of the otherwise applicable energy charge listed in this schedule.

JEA

Nineteenth Revised Sheet No. 17.0
 Canceling Eighteenth Revised Sheet No. 17.0

RIDER EDP
 ECONOMIC DEVELOPMENT PROGRAM RIDER

(Experimental)

Available To new and existing customers receiving service in all territory served by JEA. Application for service under this Rider will not be accepted after September 30, 2021.

Applicable To new or existing Customers who have executed an Economic Development Program Electric Service Agreement with JEA on or after October 1, 2013 and whose new or modified account qualifies for electric service under Rate Schedule GSD, GSDT, GSLD, GSLDT, or GSLDHLF. New or incremental existing metered demand under this rider must be a minimum of 300 kW at a single site of delivery and the Customer must employ an additional work force of at least 15 full-time employees in JEA's service territory. This rider applies to new or incremental metered demand and additional employees on or after October 1, 2013. JEA reserves the right to accept or not accept any application for the Economic Development Program Rider.

Character of Service JEA's standard voltage levels.

Rate Per Month Customers executing an Economic Development Program Electric Service Agreement on or after October 1, 2013 shall receive a discount for new or incremental metered demand based on the percentages listed below. The discounts below will be applied to the electric charges including demand, energy, and environmental charges. The adjustment will not apply to other charges, including basic monthly charges, fuel charge, excess KVAR charge, penalties, service charges, Gross Receipts Tax or other applicable taxes including franchise fees. For existing Customers, the adjustment will only be applied to the charges above the base metered demand and energy as defined in "Definition of Baseline."

Year	Discount	Discount in Load Density Improvement Areas
Year 1*	30%	35%
Year 2	25%	30%
Year 3	20%	25%
Year 4	15%	20%
Year 5	10%	15%
Year 6	5%	10%
Year 7	0%	0%

*Year 1 can be extended as outlined in General Provisions (g) below

(Continued to Sheet No. 17.1)

JEA

Thirteenth Revised Sheet No. 17.1
 Canceling Twelfth Revised Sheet No. 17.1

(Continued from Sheet No. 17.0)

Definition of
 Incremental
Metered Demand

The portion of the customer’s metered demand which has increased by a minimum of 300 kW as a result of expansion or new construction.

Definition of
Baseline

JEA will establish a baseline usage for each qualifying existing customer. Such base usage will reflect the billed peak kW and highest kWh consumption for the 12 month period immediately preceding the Customer’s application for service.

General Provisions

- a) Customers must submit to JEA an application for service under this Rider. JEA must approve such application before the Customer may execute a Service Agreement and start service hereunder.
- b) The application must include the estimated amount of increased metered demand, nature of the increase and estimated timing of when the new metered demand will start. The application must also specify the total number of full time employees employed in JEA’s service territory by the Customer at the time of the application for this Rider.
- c) The Customer must notify JEA in writing when either the planned increase in metered demand has been met or, at the option of the Customer, when the minimum 300 kW increase has been met. JEA may monitor the Customers metered demand for up to the next three months following the receipt of the Customer notification to confirm the baseline usage is exceeded by at least 300 kW.
- d) Additionally, the Customer must provide evidence annually that the number of full time employees in JEA’s service territory reported at the time of application has increased by at least 15 and continues at such level.
- e) When both the new metered demand and the additional employee requirements have been met, the Customer must execute an Economic Development Program Rider Service Agreement.
- f) Year 1 discount will apply to the next twelve full billing cycles following execution of the Economic Development Program Rider Service Agreement.
- g) Customers adding more than 5,000 kW of new metered demand may elect to extend Year 1 discount for an additional 24 months to accommodate site construction.
- h) Customer adding service in areas designated for Load Density Improvement (as may be changed from time to time) will receive the discounts according to the schedule shown above.

(Continued to Sheet No. 17.2)

JEA

Fifteenth Revised Sheet No. 17.2
 Canceling Fourteenth Revised Sheet No. 17.2

(Continued from Sheet No. 17.1)

Term of Service

- a) Service under this rider shall be for at least six (6) years but not more than eight (8) years for projects greater than 5,000 kW, from the commencement of service and will terminate at the end of the final year.
- b) JEA may terminate service under this Rider if the Customer fails to maintain the full-time employees and/or the Customer fails to take the required amount of metered demand specified in the Economic Development Program Rider Service Agreement. If JEA elects to terminate the Economic Development Program Rider Service Agreement for noncompliance with Rider EDP, the Customer is no longer entitled to discounts provided by Rider EDP.
- c) Customers desiring to terminate service under this rider will be required to give JEA thirty (30) days written notice. If the Customer elects to terminate the Economic Development Program Rider Service Agreement the Customer is no longer entitled to discounts provided by Rider EDP.

Terms and Conditions

- a) Service hereunder shall be subject to the Rules and Regulations of JEA.
- b) Service under this Rider shall not be available where the service is provided solely or predominately for:
 - 1) Multi-tenant residential or commercial properties
 - 2) Any service deemed “Temporary”
- c) A name change or other superficial change at an existing location, where the ownership and/or control over the premise is not changed, will not be considered as a new Customer.
- d) If a change of ownership of the same business occurs after the Customer has initiated an Economic Development Program Rider Service Agreement, the successor Customer may be allowed to continue the balance of the agreement provided there are no reductions in employment or metered demand.
- e) This Rider is not available for load shifted between service delivery points within JEA’s service territory.
- f) This Rider is not available for renewal or extension beyond the date listed in the Economic Development Program Rider Service Agreement.
- g) Election of this Rider will preclude the election of any other JEA Rider, with the exception of JEA SolarSmart or SolarMax Riders, for new metered demand.
- h) Customer must maintain their JEA account in a current status. JEA retains the right to terminate this Rider at any time if Customer is classified as a “High Risk Customer” as defined in JEA Procedure MBC 302 Credit & Collections

JEA

Twenty One Revised Sheet No. 18.0
Canceling Twentieth Revised Sheet No. 18.0

Revenue Codes ES

RIDER ES
ECONOMIC STIMULUS RIDER

(Experimental)

AVAILABLE:

Service is available throughout the service territory served by JEA until such time as JEA may terminate this Economic Stimulus program. This Rider is available to qualifying commercial or industrial customers for service under the applicable JEA Rate Schedule GSLD. Customers desiring to take electric service under this Rider must make a written application for service. Customers requesting service under this Rider must execute a Service Agreement before September 30, 202~~1~~².

APPLICABLE:

Electric service provided under this optional Rider shall be applicable to projected electric service requirements which JEA has determined that:

- 1) Customer would not be served by JEA but for this Rider; and
- 2) Customer qualifies for such service under the terms and conditions set forth within this Rider.
- 3) Customer would seek service in jurisdiction outside of the State of Florida

Applicable Load shall be recognized:

New Load not previously served by JEA. Applicable Load must be served at a single site and must exceed a minimum level of demand as determined from the following provisions:

New Load: 1,000 kW or more of new Metered Demand.

Any customer receiving service under this Rider must provide the following documentation, the sufficiency of which shall be determined by JEA:

- 1. Legal attestation by the customer (through an affidavit signed by an authorized representative of the customer) attesting to the requirement of this Rider that without the use of this Economic Stimulus Rider the New Load would not be served by JEA; and
- 2. Documentation demonstrating to JEA’s satisfaction that there is a viable lower cost alternative to serve the customer electric service needs.

Each customer shall enter into a Service Agreement with JEA to purchase the customer’s entire requirements for electric service at the service location set forth in the Service Agreement.

(Continued to Sheet No. 18.1)

JEA

Thirteenth Revised Sheet No. 18.1
Canceling Twelfth Revised Sheet No. 18.1

(Continued from Sheet No. 18.0)

CHARACTER OF SERVICE:

This experimental Rider is offered in conjunction with the rates, terms and conditions of the JEA Rate Schedule GSLD.

LIMITATION OF SERVICE:

Standby and sale for resale are not permitted under this Rider.

RATE PER MONTH:

Unless specifically noted in this Rider or within the Service Agreement, the charges assessed for electric service shall be those found within the otherwise applicable JEA Rate Schedule GSLD.

ADDITIONAL BASIC MONTHLY CHARGE:

\$250.00 per month

DEMAND/ENERGY/ENVIRONMENTAL CHARGES:

The charges under this Rider may include the Demand and/or Energy and/or Environmental Charges as set forth in the otherwise applicable Rate Schedule GSLD. The specific charges or procedure for calculating the charges under this Rider shall be set forth in a negotiated Service Agreement and shall at a minimum recover all incremental costs JEA incurs in serving the customer and contribute to JEA's fixed costs.

TERMS AND CONDITIONS:

- 1) Negotiated charges are to be determined by the consistent application of the following factors:
(a) customers' load characteristics; (b) alternative power supply; (c) customer credit quality;
(d) economic impact; (e) length of term of the Service Agreement; and (f) JEA's excess electric system capacity.
- 2) Negotiated terms and conditions associated with the Monthly Charges shall be set forth in the Service Agreement and may be applied during all or a portion of the term of the Service Agreement.
- 3) Service hereunder shall be subject to the Rules and Regulations of JEA.

JEA

Tenth Revised Sheet No. 19.0
Canceling Ninth Revised Sheet No. 19.0

(For Future Use)

JEA

Ninth Revised Sheet No. 20.0
Canceling Eighth Revised Sheet No. 20.0

(For Future Use)

JEA

Ninth Revised Sheet No. 21.0
Canceling Eighth Revised Sheet No. 21.0

(For Future Use)

JEA

Ninth Revised Sheet No. 22.0
 Canceling Eighth Revised Sheet No. 22.0

OS

Revenue Codes TRAF98-TRAF99

RATE SCHEDULE OS

UNMETERED MISCELLANEOUS SERVICE FOR TRAFFIC SIGNALIZATION
 AND OTHER USES

<u>Available</u>	In all territory served by JEA
<u>Applicable</u>	To any customer whose service is not provided by any other rate schedule, for his entire electric requirements at a single location. Consumption hereunder will be calculated based upon electric rating of component(s). Resale of energy purchased under this rate schedule is not permitted. Rate Code TRAF98 hereunder shall be applicable to unmetered traffic signalization installations.
<u>Character of Service</u>	Single-phase 60 Hertz, at 120/208 volts: other voltages as required and if available.
<u>Rate Per Month</u>	Rate Code TRAF98 - \$1.40 Facilities Charge per installation, plus 2.9883.171 cent per calculated KWH Rate Code TRAF99 - \$5.75 Facilities Charge per installation, plus 2.9883.171 cent per calculated KWH To both codes shall be added the applicable Fuel and Environmental Charges and any other adjustment.
<u>Fuel Charge</u>	As stated in the Fuel and Purchased Power Cost Recovery Charge Policy (Sheet No. 5.0).
<u>Environmental Charge</u>	As stated in the Environmental Charge (Sheet No. 5.1)
<u>Minimum Bill</u>	The Facilities Charge plus applicable energy charge including adjustments.
<u>Terms and Conditions</u>	(a) All procurement, erection, operation and maintenance expenses for installations served under this rate schedule shall be the responsibility of the owner thereof.

(Continued to Sheet No. 22.1)

JEA

Ninth Revised Sheet No. 22.1
Canceling Eighth Revised Sheet No. 22.1

(Continued from Sheet No. 22.0)

- (b) Service will be available under this rate schedule upon the execution of a service agreement or upon application for service accompanied by payment of deposit or bond as required by the JEA.
- (c) Customers will be placed on this rate schedule initially on the basis of calculated load. Thereafter, should the character of service be materially changed, such customer will be reclassified to the then applicable rate schedule and billed thereon commencing with such billing month.
- (d) Service hereunder shall be subject to the Rules and Regulations of JEA.

JEA

Ninth Revised Sheet No. 23.0
Canceling Eighth Revised Sheet No. 23.0

DISCLAIMER

JEA will use reasonable diligence at all times to provide continuous service at the agreed nominal voltage, and JEA shall not be liable to the customer for complete or partial failure or interruption of service, or for fluctuation in voltage, resulting from causes beyond its control, or through the ordinary negligence of its employees, servants, or agents, nor shall JEA be liable for the direct or indirect consequences of interruptions or curtailments made in accordance with the provisions of JEA's rate schedules for interruptible, curtailable, and load management service. JEA shall not be liable for any act or omission caused directly or indirectly by strikes, labor troubles, accidents, litigation, shutdowns or repairs or adjustments, interference by federal, state, municipal governments, acts of God, or other causes beyond JEA's control.

JEA

Ninth Revised Sheet No. 31.0
 Cancelling Eighth Revised Sheet No. 31.0

ELECTRICAL POWER

CONTRACTS AND AGREEMENTS

INDEX

<u>PARTY</u>	<u>EXPIRATION DATE</u>
1. AES Cedar Bay - Cogeneration & Wheeling	December 31, 2024
2. Florida Public Utilities Co. - 10 Year Supply Contract**	December 31, 2017
3. Anheuser-Busch, Inc. 69kV Alternate source	May 6, 1991*
4. Anheuser-Busch, Inc. - Cogeneration	August 4, 1987*
5. AT&T - Pole Attachments	December 1, 2013*
6. Baptist Medical Center - Cogeneration	April 19, 1986*
7. City of Jacksonville Beach, FL-Backup electric service	June 1, 1988*
8. Ring Power Corporation - Landfill Cogeneration	July 7, 1989*

*Contracts with self-renewing clauses

**Excludes Transmission and Ancillary Services

JEA

Original Sheet No. 35.0

JEA SOLARMAX RATE AGREEMENT

In accordance with the following terms and conditions, _____
 (hereinafter called the Customer), requests on this _____ day of _____, _____ from
 JEA, solar power purchases from _____ installation
 located in _____, Florida.

- a) Customer agrees to one of the following terms for solar energy purchases
 - a. _____ 5 years
 - b. _____ 10 years
- b) Percent of total monthly energy elected to come from JEA solar sources _____%
- c) Price in ¢/kWh for elected JEA SolarMax kWh for the term of the Agreement:

Year	1	2	3	4	5	6*	7*	8*	9*	10*
PPA Price										
Administrative Cost Recovery										
Total ¢/kWh										

*For a 5 year term, years 6-10 not applicable

JEA AGREES:

- 1. To provide kWh identified above, in accordance with the terms of JEA’s currently effective JEA SolarMax Rider on file at the Florida Public Service Commission (FPSC) or any successive JEA SolarMax Rider approved by the FPSC.

THE CUSTOMER AGREES:

- 1. To be responsible for paying, when due, all bills rendered by JEA pursuant to JEA’s currently effective JEA SolarMax Rider on file at the FPSC or any successive JEA SolarMax Rider approved by the FPSC, for service provided in accordance with this Agreement.

IT IS MUTUALLY AGREED THAT:

- 1. This Agreement shall be for a term as selected above from the date of initiation of service. The date of initiation of service shall be the latter of the first day of the Customer billing period following the commercial operating date of the installation, or the date of this Agreement.
- 2. JEA shall assign to the Customer all Renewable Energy Credits associated with the JEA SolarMax kWh purchased by the Customer and are thereby the possession of the Customer.
- 3. This Agreement shall be transferable to facilities with a similar load owned or leased by the Customer upon (90) ninety days advance written notice to JEA.
- 4. The Customer’s ability to continue receiving the JEA SolarMax Rider terminates upon the termination of this Agreement.

(Continue on Sheet 35.1)

JEA

Original Sheet No. 35.1

(Continued from Sheet 35.0)

1. This Agreement shall inure to the benefit of, and be binding upon the successors and assigns of the Customer and JEA.
2. This Agreement is subject to JEA’s Electric Tariff Documentation, as now written, or as may be hereafter revised, amended or supplemented. In the event of any conflict between the terms of this Agreement and the provisions of the JEA Electric Tariff Documentation, the provisions of the Electric Tariff Documentation shall control, as now written, or as may be hereafter revised, amended or supplemented.

IN WITNESS WHEREOF, the parties herby caused this Agreement to be executed by their duly authorized representatives to be effective as of the day and year first written above.

Rate and Terms Accepted:

Customer (Print or type name of Organization)

JEA

By: _____
Signature (Authorized Representative)

By: _____
(Signature)

(Print or type name)

(Print or type name)

Title: _____

Title: _____

WATER AND SEWER SYSTEM

TARIFF DOCUMENT



21 W. Church St.
Jacksonville, Florida 32202-3139
(904) 665-6000

DESCRIPTION OF TERRITORY SERVED

JEA furnishes retail and wholesale potable and reclaimed water and sewer services to major portions of Duval County and some portions of St. Johns, Clay, and Nassau Counties.

Approved by the JEA Board

August 24, 2021



INDEX OF WATER AND SEWER SYSTEM TARIFF DOCUMENT

Section	Description	Page
CONNECTION AND MAINTENANCE FEES		
101	Backflow Prevention Devices	3
102	Meter Tap Fees and Meter Set Fees	3
103	Sewer Tap Charges	5
104	Special Connections	5
105	Water and Sewer Capacity Charges	5
RATES FOR WATER, SEWER AND RECLAIMED SERVICE		
201	Residential Rates	13
202	Commercial Rates	14
203	Multi-Family Rates	15
204	Environmental Charges	16
CHARGES FOR FIRE PROTECTION WATER SERVICE		
301	Fire Protection Charges	17
RETAIL SERVICE CHARGES		
401	Services Charges	19
CONDITIONS FOR SEWER SERVICE		
501	Conditions for Service	20
502	Sewer Surcharge	20
503	Scavenger Waste Charge	21
CONDITIONS FOR RECLAIMED SERVICE		
601	Availability and Requirements for Service	22
602	Connection Fees, etc.	22
BILLING		
701	Customer Installed Meter	23
702	Pool Fill Credits	23
703	Utility Agreements	23
704	Special Services, Terms, Conditions and Rates	24
705	Applicable Taxes and Fees	24



CONNECTION AND MAINTENANCE FEES

101 – Backflow Prevention Devices

Backflow prevention devices and device testing are required by JEA’s Cross-Connection Control Policy. Residential Irrigation service customers participating in the JEA Residential Irrigation Backflow Testing Program (RIBTP) will receive a service charge for backflow preventer testing once every two (2) years. Commercial service customers, participating in JEA’s commercial testing program, will receive a service charge for backflow preventer testing once every year.

Testing Fee is a backflow preventer testing charge of the actual cost of labor and materials or a maximum of \$50.00 applied to each residential irrigation service connection or commercial service connection participating in JEA’s Residential Irrigation Backflow Testing Program (RIBTP) or commercial testing program.

Maintenance Fee is a backflow preventer maintenance charge applied to customers requesting backflow maintenance or installation service from JEA, as part of the RIBTP or commercial testing program. The maintenance charge will equal JEA’s cost to provide the requested service.

102 – Meter Tap Fees and Meter Set Fees for New Service Connections

- a) **Water (Potable, Irrigation, Reclaimed) Fees.** JEA shall have the right to determine, connect, or set appropriately sized meters after a consideration of the minimum and maximum quantities of water to be delivered to any and all connections served by JEA’s water system. JEA shall charge and collect at the time application is made or a plumbing permit is received. Installation costs according to the following schedule:

Tap Size (inches)	Size of Service Size (inches)	Meter Size (inches)	Tap Fee	Meter Set Fee
1	3/4	3/4	\$1,360 <u>\$610</u>	\$202.33 <u>\$300</u>
1	1	1	\$1,360 <u>\$610</u>	\$223.71 <u>\$320</u>
1-1/2	1-1/2	1-1/2	\$700 <u>\$1,770</u>	\$527.26 or cost, whichever is greater <u>\$1,010</u>
2	2	2	\$700 <u>\$1,770</u>	\$588.96 or cost, whichever is greater <u>\$1,150</u>
No new 5/8” metered services available				

Tap fees for new service connections larger than 2” in diameter shall be based upon the average cost by service size of the installation to JEA but not less than ~~\$700~~\$1,770. Meter set fee for new connections larger than 2” in diameter shall be based upon the average cost by meter size of the installation to JEA or ~~\$527.26~~\$1,150, whichever is greater.



b) **Increase in Meter Size.** The charge for increasing the size of an existing meter shall include the meter set fee and tap fee for the new meter as listed in section 102(a), plus the incremental plant capacity fees and the incremental line extension fees as determined in Section 105 for the new larger meter minus the corresponding amounts depicted for the existing meter.

c) **Decrease in Meter Size.** Customers requesting to downsize their existing metered service must submit the request to JEA for approval. The customer must provide a basis for the downsize meter request to show that the meter was improperly oversized to begin with or that the facilities behind the meter have changed. The justification that supports the smaller service and/or meter size must come from a professional with the same certification level as was provided in the determination of the original service size.

For downsizing an existing service with 1 ½' or greater meter size: The charge shall be at minimum the meter set fee and tap fee for the smaller meter as listed in section 102(a) for new metered service connections of the prevailing tariff. JEA will make a size reduction at the tap and reduce the service line size. The costs include removal of bypass valves, valve boxes or vaults for existing meter services 3" or greater. If JEA estimates the cost of a customer request to downsize a metered service with an existing 1 ½" or greater meter size is greater than the average cost of either the tap fee or meter set fee listed in section 102(a), JEA will charge the customer the estimated cost.

For downsizing an existing 1" meter to a ¾" meter: A uniform meter downsize charge of \$500 will be assessed in lieu of a separate meter set fee and tap fee, where JEA may elect to install any of the following: a smaller tap service line reducer bushing or flow restriction orifice.

d) **Precedent.** JEA shall set forth rules to implement the provisions of this subsection. To the extent this subsection conflicts with the provisions of JEA Water and Sewer Rules and Regulations, this section shall take precedent.



103 – Sewer Tap Charges

A charge for all connections to JEA’s sewer system shall be paid in advance by the user in an amount according to the following schedule:

Connection Size	Fee
≤ 6 inches	\$8,330 1,853.00
>6 inches	Actual Cost

For all sewer connections where there is no unpaved parkway or where other than a standard 4” or 6” "Y" connection to the sewer is used -- an amount equal to a) the average cost by installation size to JEA or b) ~~\$1,853.00~~ \$8,330, whichever is greater. In these cases, the user shall deposit with JEA, in advance, the estimated cost of the connections as determined by JEA.

104 – Special Connections

In the event an application for water or sewer connection is received and the cost of installation, due to unusual circumstances, is determined by JEA to be substantially more than the charges set forth in this part, the installation charge shall be at actual cost to JEA or the standard cost, whichever is greater.

Temporary water service shall be metered and charges imposed by Section 102(a) shall apply

105 – Water and Sewer Capacity Charge and Surcharges

- a) **Imposition of capacity charges and surcharges.** Except as otherwise provided, every property owner whose property initially connects with JEA’s water and/or sewer system shall pay to JEA: a) at the time the building permit application is approved or, b) if no building permit application is required, at the time the plumbing permit is approved by JEA, a water and/or sewer plant and line extension growth capacity charges.

Effective October 1, 2005, subsequent to the payment of said water or sewer capacity charges, should there be a delay in the connection to JEA’s water/sewer system(s) attributable to the property owner’s lack of need for JEA water/sewer or for any other reason other than JEA’s inability to deliver water/sewer to the appropriate location for connection, then the property owner shall be required to pay both any “post-payment” increase in said water/sewer capacity charges and any “post-payment” new charges attributable to said connection to JEA water/sewer if connection is not made within one year subsequent to said payments.

The property owner may, at any time subsequent to payment of a water/sewer capacity charge(s), and JEA shall, subsequent to one (1) year from said payment, initiate action resulting in the refund of any water or sewer capacity charge in situations wherein there has been no connection to JEA’s water/sewer system(s).



b) **Plant and Line Extension Growth Capacity Charges.** The charges shall be calculated as follows:

1. **Water (Potable and Irrigation).** The minimum charge for a new water connection shall be the greater of the charge per gallon of average daily water as estimated and approved by JEA or the applicable plant capacity fee stated below, \$2,034.50, or a charge of \$0.97 for each gallon of average daily water capacity plus the line extension growth capacity charge.

Plant Capacity Fees for Residential and Commercial

** Potable & reclaimed water considered the same for irrigation*

Effective Date	(10/01/21)	(04/01/21)	(10/01/22)	(04/01/23)
Charge per Gallon				
\$/gal	\$1.90	\$2.83	\$3.76	\$4.68
Water (without irrigation)				
¾"	\$475.00	\$707.50	\$940.00	\$1,170.00
1"	\$570.00	\$849.00	\$1,128.00	\$1,692.00
1 ½"	\$855.00	\$1,273.50	\$1,404.00	\$2,106.00
Water (with irrigation)				
¾"	\$380.00	\$566.00	\$752.00	\$936.00
1"	\$475.00	\$707.50	\$940.00	\$1,170.00
1 ½"	\$570.00	\$849.00	\$1,128.00	\$1,404.00
Irrigation				
¾"	\$427.50	\$636.75	\$846.00	\$1,053.00
1"	\$617.50	\$919.75	\$1,222.00	\$1,521.00
1 ½"	\$1,330.00	\$1,981.00	\$2,632.00	\$3,276.00

For existing water connections, there will be a charge of ~~\$0.97~~ per gallon of additional average daily water capacity stated above as estimated and approved by JEA plus the line extension growth capacity charge. The schedules below provide line extension growth capacity charges by meter size. Services greater than 1 ½" and those that have more fixture units than allowed by meter size will be charged based on the estimated average daily flow.

Line Extension Growth Capacity Charge (Effective January 1, 2006)

Meter Size	Residential	Commercial
5/8"	N/A	N/A
3/4"	\$1,695	\$1,695
1"	\$2,000	\$2,500
1 ½"	\$2,175	\$2,500
2"	\$2,350	\$2,500
3"	N/A	\$5,000
4"	N/A	\$5,000
6"	N/A	\$5,000
8"	N/A	\$5,000
10"	N/A	\$10,000
12"	N/A	\$10,000



20"	N/A	\$20,000



2. **Sewer.** The minimum charge for a new sewer connection shall be the greater of the charge per gallon of average daily water as estimated and approved by JEA or the applicable plant capacity fee stated below ~~\$1,274.00~~, or a charge of ~~\$3.64~~ for each gallon of average daily sewer capacity,.

Plant Capacity Fees for Residential and Commercial

Effective Date	(10/01/21)	(04/01/21)	(10/01/22)	(04/01/23)
Charge per Gallon				
\$/gal	\$9.12	\$14.60	\$20.08	\$25.57
Sewer				
¾"	\$1,824.00	\$2,920.00	\$4,016.00	\$5,114.00
1"	\$2,280.00	\$3,650.00	\$5,020.00	\$6,392.50
1 ½"	\$2,736.00	\$4,380.00	\$6,024.00	\$7,671.00

For existing sewer connections, there will be a charge of ~~\$3.64~~ per gallon of additional average daily sewer capacity as estimated and approved by JEA as stated above.

For industrial or process waste there shall be a charge per gallon of \$3.64 for each gallon of daily production flow or the average of all production shift flows (whichever presents the greater requirement for volumetric capacity of the treatment unit), stated above as estimated to the satisfaction of JEA where the character of the waste does not exceed 300 parts per million, by weight, of suspended solids, or chemical oxygen demand not exceeding 650 parts per million, by weight.

- c) **Sewer capacity surcharge.** In addition to the stated sewer capacity charge, there is an additional surcharge when the character of the sewage, waters or wastes from a manufacturing or industrial plant, business or commercial location or building or premises proposing to connect to JEA’s sewer system has a five-day chemical oxygen demand of greater than 650 parts per million, by weight, or contains more than 300 parts per million, by weight, of suspended solids, or both, as determined from the application of the owner, which shall fully disclose to the satisfaction of JEA the character of the waste to be accepted. This additional surcharge shall be computed as follows:

$$SCS = ((COD-650) \times Qmgd \times 8.34\#/gallons \times \$188/pound) + ((SS-300) \times Qmgd \times 8.34\#/gallons \times \$82/pounds)$$

Where:

SCS = Sewer Capacity Surcharge

Qmgd = Daily production flow or the average of all production shift flows (whichever presents the greatest requirement for volumetric and/or organic capacity) in million gallons a day

COD = Chemical Oxygen Demand in parts per million

SS = Suspended Solids in parts per million



d) **Fees for Bulk Reclaimed water capacity** will not be charged for bulk reclaimed water sales.



e)e) Transfer of Capacity. JEA may consider transferring capacity (Annual Average Daily Flow – AADF). This section applies to capacity transfer requests from process facilities relocating, facilities on the same property, and qualifying customers within the boundaries of the Downtown Investment Authority.

1. **Process Facilities.** The following terms and conditions will apply:
 1. The transfer must be made by a commercial or industrial customer who is relocating process equipment or process facilities from one location in JEA's service area to another location within JEA's service area.
 2. Only capacity (AADF) related to the process equipment or process facilities located within a geographically contiguous customer complex with an annual average daily process flow greater than 25,000 gallons per day can be considered for the transfer from the predecessor location to the successor location. The AADF will be calculated from the past 12 monthly billing cycle records. The capacity (AADF) related to domestic plumbing fixture units will not be considered for the transfer and will remain with the property location.
 3. Transfer of capacity (AADF) will be contingent on the customer removing and/or demolishing the process facilities at the predecessor location. JEA will review and approve the demolition plan submitted by the customer's registered Florida Professional Engineer (P.E.). JEA may grant the customer up to 36 months to remove or demolish the process facilities after receiving the transfer request approval letter from JEA.
 4. The amount of capacity (AADF) to be transferred to the successor process facilities must be based on AADF methodology submitted by the customer's P.E. versus the fixture unit method used for domestic plumbing.
 5. The customer's P.E. shall certify and supply an itemized breakout and summary of domestic plumbing fixture units that will remain at the predecessor location after removal of the process equipment and process facilities. The P.E. shall certify and supply projected flows at the successor location.
 6. The entity (owner or tenant) of a property requesting transfer of capacity (AADF) will be required to demonstrate they are the entity that paid for or has the right to the capacity requested for transfer.
 7. If the customer was leasing the predecessor facility from a property owner, the transfer request by the lessee will be considered only if the customer provides JEA a signed release stating the property owner acknowledges and will not contest the transfer of capacity (AADF) related to process equipment and facilities from the property.
 8. Any request for transfer of capacity (AADF) must be made prior to the operation of the new process equipment or process facilities that will be using the water or sewer services that might qualify for the capacity transfer.



9. If the transfer request is for an amount of capacity (AADF) less than the amount assessed at the predecessor location, the remaining capacity may be utilized for up to 60 months from the transfer request approval. If the transfer request is for an amount of capacity less than the amount initially assessed at the successor location, then the difference will need to be paid at prevailing rates to JEA in conjunction with acceptance of the JEA transfer request approval letter.
 10. The transfer of capacity (AADF) will be a one-time event, whereas no subsequent transfer of previously transferred capacity (AADF) will be considered.
 11. The incremental flow capacity and wastewater characteristics corresponding to the proposed transfer of capacity (AADF) does not cause JEA to modify or enhance a sewer treatment facility in order to be in compliance with Florida Department of Environmental Protection regulations.
2. **Same Property.** The following terms and conditions will apply:
1. Transfer of capacity (AADF) applies to all property within JEA's service territory.
 2. In the case where no record of capacity is available, a fixture count of the existing facility will determine the amount of capacity available for transfer.
 3. Transfer of capacity (AADF) will be allowed at no additional cost. Additional capacity required for the new facility must be paid to JEA at prevailing rates. If the transfer request is for an amount of capacity (AADF) less than the amount assessed to the existing facility, the remaining capacity may be utilized for up to 60 months from the transfer request approval.
 4. The existing facility, upon which the new facility will be built, must be demolished.
 5. There are no restrictions on the amount of the capacity or flow of the existing or new facility.
3. **Within the Downtown Investment Authority (DIA) Boundaries.** The following terms and conditions will apply:
1. Boundaries for the DIA are defined in Jacksonville City Ordinance 2012-364 which may be revised in the future.
 2. The transfer request must be made by a commercial or industrial customer who is relocating within the DIA boundary.
 3. Qualifying customers must have an AADF at the predecessor facility greater than 1,000 gallons per day as determined by one of the methods in the following hierarchy:
 - A. Proof of Paid Capacity
 - B. Flows derived from fixture unit count as certified by a P. E.
 - C. Flows derived from JEA billing records



4. The P.E. shall certify and supply projected flows at the successor location.
5. Transfer of capacity (AADF) from the predecessor facility will be allowed at no additional cost. Additional capacity required for the successor facility must be paid to JEA at prevailing rates. If the transfer request is for an amount of capacity (AADF) less than the amount assessed on the predecessor facility, the remaining capacity may be utilized for up to 60 months from the transfer request approval.
6. The entity (owner or tenant) of a property requesting transfer of capacity (AADF) will be required to demonstrate they are the entity that paid for or has the right to the capacity requested for transfer.
7. If the customer was leasing the predecessor facility from a property owner, the transfer request by the lessee will be considered only if the lessee provides JEA a release signed by the property owner stating the owner acknowledges and will not contest the transfer of capacity (AADF).
8. If the predecessor facility, from which the capacity was transferred, is not demolished, the owner must record a deed restriction with the Duval County Clerk of the Court. The deed restriction must state that the predecessor facility no longer contains the transferred capacity allotment, which obligates payment of capacity fees at prevailing rates for future use or construction.

e)f) **Capacity Charge Exceptions.** No water or sewer capacity charges, other than any additional charges listed below, if applicable, shall be due at the time of connection with respect to property.

1. As to which there has been paid to JEA a water and/or sewer capacity charge.
2. Previously served by an investor/community-owned public utility company which has been acquired by JEA.



f/g) Additional charge(s). If:

1. JEA shall determine that the estimated average daily flow(s) of a user made at the time of initial connection to JEA's water and/or sewer system was erroneous, or that the description of the character of the waste in the application was erroneous; or
2. The use of the property served by JEA's water and/or sewer system changes because of: the construction of new dwellings, commercial or industrial facilities; additions to existing dwellings, commercial or industrial facilities; change in use from single family to multi-family residential; or increased, expanded or changed operations:
 1. so as to increase the number of gallons of sewage discharge by more than 20% over the number of the unit values or gallons of discharge at the most recent of either the time of payment of the last sewer capacity charge or the date when customer's sewer service provider was acquired by JEA; or
 2. so as to increase by more than 10% its COD or suspended solids loading measured in pounds a day; or
 3. so as to increase the number of gallons of water usage by more than 20% over the number of unit values or gallons of usage at the most recent of either the time of payment of the last water capacity charge or the date when customer's water service provider was acquired by JEA.

Then an additional charge resulting from the erroneous estimates or change in property use shall be due and payable at the time JEA shall determine that an erroneous estimate was made or at the time of the change in property use, regardless of whether a water and/or sewer capacity charge was ever imposed or paid at the time of initial connection to the system. The additional charge shall be calculated according to the same prevailing rates as described in 105 and shall be based on flow or on the excess COD or suspended solids loading as applicable, over that on which the previous sewer capacity charge was based.



g/h) Use of funds – Capacity fees and line extension charges. Revenues derived from the Water/Sewer capacity fees and Water/Sewer line extension charges are to be placed in Water/Sewer capacity and line extension capital improvement funds. The funds are used for qualifying capital expenditures related to growth and expansion, to pay debt service and/or debt pay down on qualifying capital expenditures initially funded through bond issuance.

Qualifying expenditures for the Water/Sewer capacity fees include:

1. Treatment plants and capacity expansion
2. Treatment plant configuration
3. Wastewater master pump stations and force mains directly upstream of the wastewater plant

Qualifying expenditures for the Water/Sewer Line Extension Growth Charges for backbone transmission facilities include:

1. Water mains providing transmission capacity to the distribution grid ~~greater than or equal to 10" in diameter~~
2. Water re-pump stations
3. Remote storage facilities
4. Force mains providing transmission capacity to the collection system ~~greater than or equal to 10" in diameter~~
5. Interceptor (trunk) gravity lines



RATES FOR WATER, SEWER AND RECLAIMED SERVICE

201 – Residential Rates

* Potable & reclaimed water considered the same for irrigation

Basic Monthly Charge

Meter Size	Water	Sewer	Irrigation ^{*(1)}
5/8"	\$12.60	\$14.10	\$12.60
3/4"	\$18.90	\$21.15	\$18.90
1"	\$31.50	\$35.25	\$31.50
1 ½"	\$63.00	\$70.50	\$63.00
2"	\$100.80	\$112.80	\$100.80
3"	\$201.60	\$225.60	\$201.60

(1) Non-bulk irrigation service agreement with reclaimed water will be charged an additional \$6.00 monthly fee regardless of meter size to cover costs due to regulatory requirements.

Volume Charge per Thousand Gallons (kgal)

Tier	Water	Sewer	Irrigation*
1 – 6 kgal	\$0.93		
7 – 20 kgal	\$2.60		
>20 kgal	\$5.60		
		\$4.94	
		\$6.02	
			\$2.60
			\$5.60

Environmental Charge per Thousand Gallons (kgal)

See Section 204 for environmental charge



RATES FOR WATER, SEWER AND RECLAIMED SERVICE

202 – Commercial Rates

* Potable & reclaimed water considered the same for irrigation

Basic Monthly Charge

Meter Size	Water	Sewer	Irrigation ^{*(1,2)}
5/8"	\$12.60	\$21.15	\$12.60
3/4"	\$18.90	\$31.73	\$18.90
1"	\$31.50	\$52.88	\$31.50
1 1/2"	\$63.00	\$105.75	\$63.00
2"	\$100.80	\$169.20	\$100.80
3"	\$201.60	\$338.40	\$201.60
4"	\$315.00	\$528.75	\$315.00
6"	\$630.00	\$1,057.50	\$630.00
8"	\$1,008.00	\$1,692.00	\$1,008.00
10"	\$1,974.55	\$2,432.25	
12"	\$3,691.55	\$4,547.25	
20"	\$7,726.50	\$9,517.50	

(1) Includes Multi-Family Irrigation and Multi-Family Reclaimed Service

(2) Non-bulk irrigation service agreement with reclaimed water will be charged an additional \$6.00 monthly fee regardless of meter size to cover costs due to regulatory requirements.

Volume Charge per Thousand Gallons (kgal)

Tier	Water	Sewer	Limited Service Sewer ⁽²⁾	Irrigation ^{*(1)}	Bulk Reclaimed
All kgal ≤ 8" all kgal	\$1.49				
≥ 10" all kgal	\$1.24				
All kgal		\$6.02			
All kgal			\$4.74		
1 – 14 kgal				\$3.44	
>14 kgal				\$3.96	
All kgal					\$0.14 ⁽³⁾
All kgal					\$0.28 ⁽⁴⁾

(1) Includes Multi-Family Irrigation and Multi-Family Reclaimed Service

(2) No new Limited Service Sewer accounts shall be allowed.

(3) Bulk Reclaimed rate per kgal for bulk reclaimed irrigation customers that are relinquishing, suspending, or foregoing an application for a Consumptive Use Permit or ground water withdrawals from SJRWMD. Rates apply in accordance with JEA standard bulk reclaimed water service agreement until such time as JEA may no longer offer reclaimed water service under such agreement.

(4) Bulk Reclaimed rate per kgal for all other bulk reclaimed irrigation customers. Rates apply in accordance with JEA standard bulk reclaimed water service agreement until such time as JEA may no longer offer reclaimed water service under such agreement.



Environmental Charge per Thousand Gallons (kgal)

See Section 204 for environmental charge

203 – Multi-Family Rates

Basic Monthly Charge

Meter Size	Water	Sewer
5/8"	\$18.41	\$24.68
3/4"	\$27.62	\$37.01
1"	\$46.03	\$61.69
1 ½"	\$92.05	\$123.38
2"	\$147.28	\$197.40
3"	\$294.56	\$394.80
4"	\$460.25	\$616.88
6"	\$920.50	\$1,233.75
8"	\$1,472.80	\$1,974.00
10"	\$2,117.15	\$2,837.63
12"	\$3,958.15	\$5,305.13
20"	\$8,284.50	\$11,103.75

Note: For Multi-Family Irrigation Basic Monthly Charges, Section 202 Commercial Irrigation and Reclaimed rates will apply.

Volume Charge per Thousand Gallons (kgal)

Tier	Water	Sewer
All kgal	\$1.00	
All kgal		\$6.02

Note: For Multi-Family Irrigation volume charges, Section 202 Commercial Irrigation and Reclaimed rates will apply.

Environmental Charge per Thousand Gallons (kgal)

See Section 204 for environmental charge



204 – Environmental Charges

The Environmental Charge applies to all rate classes. The charge will apply to all billed usage for each 1,000 gallons (kgal) according to the schedule below:

Residential

Tier	Water	Sewer	Irrigation
All kgal	\$0.37		\$0.37
1 – 20 kgal		\$0.37	

Commercial

Tier	Water	Sewer	Irrigation ⁽¹⁾
All kgal	\$0.37	\$0.37	\$0.37

Multi-Family

Tier	Water	Sewer	Irrigation
All kgal	\$0.37	\$0.37	\$0.37

(1) Charge not applicable to Bulk Reclaimed usage



CHARGES FOR FIRE PROTECTION WATER SERVICE

301 - Fire Protection Charges

- a) **Closed unmetered connection** to JEA’s water system for the purpose of providing service on a standby basis for fire protection, there shall be a charge according to the following schedule for each year or portion thereof of the services provided:

Size of Branch (inches)	Annual-Monthly Charge
4 or less	\$67.00 5.58
6	\$133.00 11.08
8	\$274.00 22.83
10 or greater	\$488.00 40.67

It’s use shall be limited to the interior of buildings only with a physically separate fire protection system with no external connections or standpipes with access to potable water. The charge shall be billed on a monthly basis.

Other water and sewer services to a fire protection customer may be terminated because of nonpayment of fire protection charges. No connection shall be made to the system for a use other than fire protection. The requesting party shall be responsible for all costs incurred in the construction of the connection to JEA’s water main.

There shall be no connection of the system with another water source, unless a backflow prevention device, approved pursuant to JEA Rules and Regulations for Water and Sewer Service is installed. No suction of a pump may be attached to a connection of JEA except for health or safety reasons and with the written approval of the JEA. Buildings that are to be served by a closed unmetered connection, specifically designed for fire protection, at the owner’s expense, install and maintain a water flow meter with transmitting unit (MTU), as prescribed by JEA Rules and Regulations for Water and Sewer Service. This flow meter shall be installed on the unmetered water connection fire line detector check assembly. The MTU shall be set to transmit potential consumption nightly, in off peak hours. The building owner/customer must certify any flow detected is water used specifically in the extinguishment or control of fires within the building and not domestic consumption. In the event of noncompliance by the customer with a provision of this section, JEA shall cause the discontinuance of service until the customer makes application and payment for installation of the proper size meter and applicable rate for metered services.



- b) **Unmetered connection** to JEA’s water system, where a customer could access water through standpipes or other firefighting connections to JEA’s water system, for the purpose of providing service on a standby basis for fire protection on which the customer has purchased and installed a water flow monitoring device as prescribed by JEA rules and Regulations for Water and Sewer Service, there shall be a monthly charge according to the following schedule:

Size of Branch (inches)	Monthly Charge
4 or less	\$21.00
6	\$28.00
8	\$42.00
10 or greater	\$55.00

Volume Charges for water, used in fire protection or testing purposes, as estimated by JEA, shall be billed at prevailing rates as established in Section 202. The requesting party shall be responsible for all costs, including costs of meter removal and installation of a detector-check, incurred in the construction of the connection to JEA’s water main.

Other water and sewer service to a fire protection customer may be terminated because of non-payment of fire protection charges.

There shall be no connection of the system with another water source, unless a backflow prevention device, approved pursuant to appropriate sections of JEA Rules and Regulations for Water and Sewer Service, is installed. No suction of a pump may be attached to a connection of JEA except for health or safety reasons and with the written approval of JEA. In the event of non-compliance by the customer with a provision of this subsection, JEA shall cause the discontinuance of service until the customer makes application and payment for installation of the proper size meter and applicable rate for meter service.

Water used for municipal purposes other than the extinguishment of fires and all water used by another political subdivision or political agencies, state and federal, shall be subject to the rate schedule set forth in this document.



RETAIL SERVICE CHARGES

401 -Retail Services Charges

- ~~a) The fee for inspecting the installation of a sewer flow meter shall be \$50.00~~
- ~~b)a) To physically locate a sewer connection, the charge is \$491.00~~
- ~~c)b) JEA will conduct fire hydrant flow tests when requested. The fee for this service will be \$82.00~~
- ~~d) The fee for processing an industrial user discharge permit application shall be \$250.00~~
- ~~e) The on-site inspection of non-significant industrial users to determine compliance with JEA Industrial Pretreatment Regulations shall be assessed at \$100.00 per visit.~~
- ~~g) Customers who use water provided by the standby system for other than fire protection or testing purposes shall be charged:

 - ~~8. \$200.00 per incident.~~
 - ~~9. Plus 150% of the prevailing commercial water rate for each kgal of estimated usage.~~~~
- ~~j) The charge for unauthorized connection to a hydrant shall be either

 - ~~— 1,500.00, or~~
 - ~~— \$750.00 if the customer applies and obtains a hydrant meter~~~~
- ~~m)c) _____ Upon request, JEA will test a customer's meter for accuracy. If the meter does not test within JEA acceptable accuracy range of + or - 2%, JEA will bear the full cost of the test. If the meter tests within JEA acceptable accuracy range, however, the customer will be required to share in the cost of the testing according to the following schedule:

 - 1. \$40.00 for a field test of a meter up to 1 inch
 - 2. \$85.00 for a field test of a meter between 1 ½ and 2 inches
 - 3. \$125.00 for a field test of a meter greater than 2 inches~~
- ~~n) The fee for resetting a meter which has been removed due to customer theft or fraud shall be a minimum fee of \$225.00 or actual cost for labor and materials.~~
- ~~e)d) _____ The fee for reconnection of sewer services which have been discontinued for nonpayment of sewer service charges shall be \$400.00 or actual cost for labor and materials.~~
- ~~p)e) The fee to start a water, sewer, or a water/sewer service shall be \$10.00~~
- ~~q)f) The fee to start an irrigation or reclaimed service shall be \$10.00~~
- ~~r)g) The fee for reconnection following disconnection for delinquency shall be \$14.00 per service~~
- ~~s) Field notification in lieu disconnection shall be \$5.00~~



- ~~t) —Meter inaccessible for reading or cut-off after notice shall be \$25.00~~
- ~~u) —Tampering with meter or service connection shall be \$200.00~~
- ~~v) —Damaged/missing meter charge shall be the actual cost of the damaged or missing meter.~~
- ~~x) —JEA will charge \$25.00 for each return trip whenever JEA must make a return trip to a customer's service address to perform maintenance and/or activate service because the work requested by the customer was not able to be completed at the first scheduled visit.~~
- ~~y) —Service restored without JEA authorization shall be \$25.00~~
- ~~z) —Returned check charge shall be \$20.00~~
- ~~aa) —The charge for a required court appearance and/or restitution claim by a JEA employee shall be a minimum of \$50.00 up to \$400.00 depending on actual costs.~~
- ~~cc) —The fee for the misrepresentation made for JEA for the purpose of obtaining or maintaining utility service(s) shall be \$50.00.~~
- ~~dd)h) _____~~ The charge for the reactivation of a residential irrigation service, including reclaimed, within six months of a customer requested disconnect at the same service address by the same customer shall be \$125.00
- ~~ee)i) _____~~ The charge for the reactivation of a commercial irrigation service, including reclaimed, within six months of a customer requested disconnect at the same service address by the same customer shall be \$250.00



CONDITIONS FOR SEWER SERVICE

501 – Condition for Service

- a) Each applicant for a sewer connection between JEA's sewer system and a lot or parcel of land which is supplied water by a private system or well shall have a meter, approved by JEA, installed and maintained at the expense of the applicant and his successors in interest. The meter shall be located in the water line at a convenient location for reading and for measuring the water which enters the sewer system. In these cases the sewer service charge shall be based upon the reading of the meter made by JEA's meter readers. Each sewer only customer class with unmetered water or inoperative meter shall be charged at the average monthly water usage rate for the prior calendar year for that customer class as the consumption amount.
- b) On sewer credit accounts, the water meter shall be JEA-owned and installed by the owner, tenant, occupant or his agent under the direct supervision of JEA, and the owner, tenant or occupant shall pay those inspection, delivery, material and administrative costs as determined by JEA or which are required by, and shall be subject to, the terms and requirements of sections 102. This paragraph does not apply to owners, tenants or occupants of lots or parcels of land which are connected to JEA water and sewer system and also have a cross-connection to another water supply. The maximum credit that can be given for an existing sewer credit account is 75% of the total water billed for the account on which the credit is to be given. No new sewer credit accounts shall be allowed.
- c) Effective October 1, 1988, all owners, tenants, and occupants shall be required to provide for the installation and use of JEA-owned water meters in all water systems, regardless of whether the meter is or was installed for the purposes of establishing a charge or a credit.

502 – Sewer Surcharge

In all cases where the character of the sewage, waters or waste from a manufacturing or industrial plant, business or commercial location, building or premises has a chemical oxygen demand (COD) of more than 650 parts per million by weight or contains more than 300 parts per million by weight of suspended solids (SS), or both, and the sewage, waters or waste are accepted into the sewage system for treatment, the discharger shall pay to JEA a rate, fee or charge, designated as a surcharge. Surcharge shall be in addition to any sewer service charge which might be based upon the customer's premises as set forth in this Water & Sewer Rate Document. JEA reserves the right to deny any discharger treatment capacity based on JEA's determination that additional organic loading above 650/ppm COD, 300/ppm suspended solids or additional hydraulic load, or any combination of the above, will hamper or reduce the effective operations of the treatment facility.



The surcharge shall consist of an amount calculated according to the following formula:

$$S = V_s \times \{ \$0.0008031 (\text{COD} - 650) + \$0.0009810 (\text{SS} - 300) \}$$

Where:

- S = surcharge in dollars
- V_s = sewage volume in kgal
- \$0.0008031 = unit charge factor for COD based on 9.629 cents per pound of COD;
- COD = chemical oxygen demand strength index in parts per million by weight
- 650 = allowable COD strength under normal volume charges in parts per million by weight
- \$0.0009810 = unit charge factor for suspended solids based upon 11.763 cents per pound of suspended solids
- SS = suspended solids strength index

The amount of the surcharge for the use of JEA’s sewer system shall be separately stated as a part of the total sewer service charge for the billing period and shall be payable, collectible and enforceable in the manner provided for sewer service charges. Unless otherwise required by JEA for compliance with local, State and federal law or regulations, each customer to which this surcharge applies shall submit, on a monthly basis, a laboratory analysis of such scope as to permit JEA to render an accurate billing of this charge as provided herein.

Each sewer customer to which this surcharge could apply that does not submit a laboratory analysis shall be charged a sewer surcharge based upon the average surcharge factors of other customers who have the same property use code as assigned by the Duval County Property Appraiser’s Office or based upon factors assigned by JEA until reporting of actual surcharge factors are provided by the sewer customer.

503 – Scavenger Waste Charges

Scavenger waste, as described in JEA Rules and Regulations for Water and Sewer Service, may be disposed of at a JEA sewage treatment plant after approval of JEA and with prior payment of a charge of \$4.49 for each 100 gallons of waste based on the full capacity of each vehicle for each discharge. There shall be a minimum fee of \$ 30.00 for each discharge.

Leachate waste may be disposed of at a JEA sewage treatment plant after approval of JEA at a charge of \$5.16 per 100 gallons of waste based on the full capacity of each vehicle for each discharge.



CONDITIONS FOR RECLAIMED SERVICE

601 – Availability and Requirements for Service

This service will only be provided where service is available, with a physically separate reclaimed water irrigation system. Bulk service will be available to large commercial and industrial users where JEA reclaimed water system is closely available. Retail service for residential and commercial service will be available in Developments of Regional Impact (DRIs), in areas served by JEA, where service is available, with a physically separate reclaimed water irrigation system. No connection to JEA’s potable water system by valve or any other means will be allowed. Certification that no interconnection exists must be provided to JEA before any service connections are made. All areas where reclaimed water is being used must be clearly marked as non-potable water. Any customer whose reclaimed water system is in violation of any regulation or procedure shall be subject to immediate discontinuance of reclaimed water service. Such discontinuance shall not relieve any person of liability for any payments due to JEA.

602 – Connection Fees, etc.

Connection, reconnection, tap, and construction fees and rates shall be in accordance with applicable sections of the Water and Sewer Rate Document.



BILLING

701 – Customer Installed Meters

If a meter installed and maintained by an owner, occupant or tenant upon which the sewer service charges imposed by this Water and Sewer Rate document is found to be defective for any reason whatsoever, the owner, occupant or tenant shall immediately correct the defect and have the meter tested by JEA at his expense. In these cases, JEA reserves the right to render an average or estimated bill for the period that the meter was defective, based upon previous consumption on the meter.

702 – Pool Fill Credits

Any metered user to whom sewer charges are regularly rendered and through whose meter a swimming, family swimming, or public pool receives water from JEA water system and whose pool capacity has been documented to JEA by the pool contractor, builder or homeowner at the time the building permit for the pool was issued shall have the right to fill the pool for the first time without application of the sewer charge to the quantity of water used to fill the pool. Furthermore, a metered user, as defined herein above, who is required to drain his pool in order to facilitate needed repair shall have the right to refill the pool after the repair has been completed without application of the sewer charge to the quantity of water used to refill the pool, provided that the necessity to drain the pool for repair and the pool's capacity in gallons is certified to JEA by the pool contractor or other person doing the repair prior to draining the pool. The certification shall be under oath and must have attached to it the permit issued by the Chief, Building and Zoning Inspection Division for any repairs. The right to fill the pool for the first time or to refill the pool after necessary repair may be exercised by the making of a written request to and upon forms available from JEA. The written request shall include such documented proof as required and as satisfactory to JEA, of the pool's capacity in gallons. The written request shall also include an affidavit (on the form provided by JEA) signed by the user, and water meter readings both immediately before and after the filling or refilling of the pool with dates and times of readings noted. All written requests shall be furnished to JEA no later than 30 days after completion of the filling or refilling. Upon receipt of a proper written request, JEA shall cause an appropriate credit to be made to the user's account.

703 – Utility Agreements

JEA serves a limited number of customers wherein it provides water service and a second party utility company provides sewer service, and vice versa. On some occasions, customers receiving water and sewer service from two different utilities pay only the water bill and not the sewer service bill. Curtailment of sewer service alone is extremely expensive in that sewer lines to customers typically do not have cut-off valves, necessitating that the sewer line be dug out and plugged. To accomplish the same protocol that is undertaken for customers who receive both water and sewer service by JEA, JEA is authorized to execute an agreement (containing appropriate hold harmless provisions as approved by the office of the General Counsel) with second party utility companies (which reciprocate) providing for the termination of water service for customers who do not pay the fees for sewer service. Said termination of water service shall afford notice and appeal rights conforming to those provided to customers receiving both water and sewer service from JEA.



704 – Special Services, Terms, Conditions and Rates

JEA and the customer may agree for JEA to provide special services, including related water, sewer and energy services, and for terms of service up to ten (10) years in length. Services could include the repayment to JEA over time of the capital costs incurred to connect new customers to the water and/or sewer system. Prices for special services, terms or conditions shall be based on cost. JEA’s provision of special services, terms, and conditions requires execution of a contract between JEA and the customer, in which all special services, terms, and conditions shall be specified. Contract approval authorizations shall be as established in applicable JEA Management Directives, Policies or Procedures.

705 – Applicable Taxes and Fees

City of Jacksonville Service	Applicable Fees	Applicable Taxes
Water	3% Franchise Fee	10% Public Service Tax
Sewer	3% Franchise Fee	
Irrigation	3% Franchise Fee	10% Public Service Tax
COD/TSS	3% Franchise Fee	
Reclaimed	None	10% Public Service Tax
Capacity Fee	None	
Tap & Meter Fees	None	
Line Extension Growth Capacity Charge	None	

Nassau, St. Johns, Clay Counties Service	Applicable Fees	Applicable Taxes
Water	None	None
Sewer	None	None
Irrigation	None	None
COD/TSS	None	None
Reclaimed	None	None
Capacity Fee	None	None
Tap & Meter Fees	None	None
Line Extension Growth Capacity Charge	None	None



Plant Vogtle Units 3 & 4 External Technical Consultant Report

Joe Orfano
Interim VP, Financial Services
and Treasurer

Bill Kemp
Director, Roland Berger LP



June 22, 2021



JEA - MEAG
Vogle Cost Exposure Assessment
Bill Kemp, Director – Roland Berger LP

June 22, 2021



Roland Berger/Modus project evaluation approach



Compare the Project's "Report over Report" forecasting from VCM19 to VCM24 – review performance metrics (SPI and CPI) and planned v. actual results.¹⁾



Review Project Risk Register to assess risks that have high probability to be realized and evaluate impact to Project cost & schedule.



Assess Project's future forecasted performance (projected "bow wave") and backwards (performance projection versus forecast) as demonstrated in the Reports.



Develop scenarios of possible completion timelines for Unit 3 and Unit 4, based on schedule performance measures and other supporting data.



Review schedule scenarios with on-site team and during site tour.

Outside assessment based on expertise and available information

1) VCM = Vogtle Construction Monitoring report
SPI = Schedule Performance Index
CPI = Cost Performance Index



Executive Summary

Vogtle's Estimate at Completion (EAC) is highly likely to exceed Georgia Power's current Cost Forecast (VCM24 – Mar 2021)

- Project forecasts have consistently erred on the low side.
- Management of performance metrics to support the announced schedule is clouding the forecast for meeting major milestones
- A projected huge turn-around in productivity for Unit 4 is unsupported by data and extremely unlikely at this late stage of a Project
- Unit 4's completion for the last 25% of construction will likely mirror Unit 3. There is no evidence that Unit 4 will improve on Unit 3.
- Nuclear plant construction history clearly shows that schedule and cost increases in the final phases are far more likely than decreases.
- Incentives may not be aligned to minimize costs.

Executive Summary

Evaluated schedule scenarios

Based on our review (as of April 13, 2021) of the Project’s performance, there is continued schedule and cost pressure to JEA’s share of Vogtle 3/4. We have assessed four potential outcomes based on the facts reviewed and the current Project trends. These Scenarios 1-4 are outlined below, with the current Southern forecast in VCM 24 as a baseline.¹⁾ On the following page, we assess the progress that would have to be achieved at the Project to realize each of the four scenarios.

Scenario 1 – VCM 24 forecast is realized	Scenario 2 - Unit 3 ~3 month delay to; Unit 4 meets VCM 24 schedule	Scenario 3 - ~6 month delay to Unit 3; ~4-5 month delay to Unit 4	Scenario 4 - >6 month delay to both units
<ul style="list-style-type: none"> This scenario is outdated; Southern Company has confirmed delays to Hot Functional Testing (HFT) on Unit 3 (See Southern Co’s 8-K Statement of March 19, 2021). Project’s Current Forecast (VCM 24) of \$17.9B for both units has been exceeded with announced delays to Unit 3’s (HFT). VCM24’s forecast equates to a JEA incremental cost share of \$75M per the 2019 Joint Ownership Agreement 	<ul style="list-style-type: none"> The lowest credible EAC scenario Accounts for known delays and reflects additional impacts up to 3-months for each unit Meeting this scenario requires significant improvement over current forecasts, particularly on Unit 4 where productivity issues will have to be addressed immediately Also assumes no new problems or issues in remaining work 	<ul style="list-style-type: none"> Unit 3’s ongoing start-up risks and high likelihood of productivity issues on Unit 4’s execution result in delays of approximately 5-6 months for each unit. Unit 4 has thus far been less productive than Unit 3 <ul style="list-style-type: none"> > There is no demonstrable lessons learned program from Unit 3 to Unit 4 > Without a step-change in management, Unit 4’s remaining work is <i>likely</i> to mirror Unit 3’s last 25% of work. 	<ul style="list-style-type: none"> There is a low-to-moderate probability the Project delays could exceed 6 months for each unit Reasons this scenario could materialize: <ul style="list-style-type: none"> > Schedule and cost risks in first-of-a-kind nuclear plants skew toward the high side > Unit 4 does not leverage Unit 3 learnings substantially > Unit 3 delays continue to divert management attention > New problems arise

1) Baseline schedule is Nov 2021 for Unit 3 and Nov 2022 for Unit 4

Executive Summary

Completion scenarios – what must occur

Roland Berger/Modus Assessment of Potential Range of Vogtle 3/4 Outcomes – Based on VCM 24 (February 2021) Forecast				
	Scenario #1	Scenario #2	Scenario #3	Scenario #4
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<i>Rework – both Units</i>	<ul style="list-style-type: none"> Electrical cable issue is fully identified; Repair is minimal for both units No other significant rework is found Total impact 2-4 months 	<ul style="list-style-type: none"> Electrical cable - Unit 3 fix impacts transition to Unit 4 construction Minimal known additional discovery work, with likely Unit 3 HFT discovery issues Impact of rework could be 3-6 months; could be mitigated on Unit 4 with effective lessons learned 	<ul style="list-style-type: none"> Cable issue is significant delay to Unit 3 Potential additional rework/repair/replace identified during and after HFT. Engineered solutions required. Total impact 6+ months to Unit 3, with potential for rework on Unit 4 	<ul style="list-style-type: none"> Cable issue is significant delay to Unit 3, impact ripples into Unit 4 Significant additional rework/repair/replace is identified during and after HFT requiring engineered solutions and potential procurements Total impact 6+ months
<i>Unit 4 Remaining Work</i>	<ul style="list-style-type: none"> Labor productivity improves by 65% over Unit 3's performance Unit 4 work finishes ~6 months earlier than anticipated by VCM24 	<ul style="list-style-type: none"> Labor productivity improves on Unit 3's remaining performance by 35% by incorporating lessons learned and knowledge transfer Unit 4 work finishes on or near schedule with VCM24 	<ul style="list-style-type: none"> Current Project CPI cumulative forecast (~1.69) is realized, increasing Unit 4 labor hours by at least 10-15% over VCM24 Unit 4 work finishes ~4-5 months later than VCM24 	<ul style="list-style-type: none"> Labor productivity further deteriorates Project does not reduce labor in effort to meet schedule, resulting in CPI >1.75 for Unit 4 Total Unit 4 construction delay >6 months
<i>Unit 4 Start-up</i>	<ul style="list-style-type: none"> Lessons learned from Unit 3 result in reducing start-up by ~2-3 months 	<ul style="list-style-type: none"> Unit 4 start-up meets aggressive rebaselined plan; doesn't experience Unit 3 FOAK delays 	<ul style="list-style-type: none"> Unit 4 start-up is rebaselined to incorporate expected Unit 3's actual start-up duration 	<ul style="list-style-type: none"> Unit 4 start-up is rebaselined to incorporate expected 6+ months from Unit 3's actual duration
<i>Overhead and Indirect Costs</i>	<ul style="list-style-type: none"> Significant (+50%) reduction in Project Management Team (PMT) Overhead burden on Unit 3 incorporates significant future Unit 4 cost 	<ul style="list-style-type: none"> Unit 4 PMT reduced to ~50% of current level All additional overhead and indirect costs are borne on Unit 4 once Unit 3 completes 	<ul style="list-style-type: none"> Unit 4 PMT maintained close to current level in attempt to reduce schedule delays All additional overhead and indirect costs are borne on Unit 4 once Unit 3 completes 	<ul style="list-style-type: none"> Unit 4 PMT maintained close to current level in attempt to reduce schedule delays All additional overhead and indirect costs are borne on Unit 4 once Unit 3 completes
<i>Likelihood of EAC</i>	Very unlikely (less than 10%)	Less likely than not (20-50%)	More likely than not (50-85%)	Less likely than not (5-15%)

Conclusions

- Delays (beyond VCM 24 schedule) for each Vogtle unit are most likely to be a mix of our Scenarios 3 and 4.
- More like Scenario 3 if Southern's most recent public pronouncements on schedule are realized
- More like Scenario 4 if the expectations of the Georgia PSC's Vogtle monitor prove closer to the eventual truth
- The cost implications of schedule delays depend on the efficiency of resource utilization by Bechtel and Southern.
- JEA's recent financial disclosure, as it relates to Plant Vogtle and Project J, is consistent with the Roland Berger-Modus report.



JEA

Vogle Cost Exposure Assessment and Recommendations

May 20, 2021



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Roland Berger's principal tasks during this project have been to analyze available relevant documents provided by JEA, and then provide a reasonable range of potential schedule outcomes for completion of Vogtle Units 3 and 4, based on the information available at this time. Our assessment and opinions expressed are based on our experience with similar projects, including the early planning of these Vogtle units. Because there were certain limitations (e.g., lack of schedules and data in native forms) that posed limits to our review, we have expressed our assessment in ranges of potential outcomes that appear reasonable based on the facts and circumstances that can be derived

Although Roland Berger has been asked to express its opinion on potential schedule outcomes, it has never been the User's intention that Roland Berger should be held legally liable for its judgments in this regard. Roland Berger shall not be liable for any loss or damage arising out of our work on the project except to the extent caused by our willful misconduct or gross negligence.

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Summary

- > Introductions and Methodology
- > Summary of Key Conclusions
- > Examples in Support
- > Recommendations and Next Steps



Our team has deep nuclear experience in project planning, construction, start-up, operating and consulting roles

Our Assessment Team has a combined 150+ years of experience with all phases of Large Capital Projects in the Nuclear Industry

- Planning and Development of Cost/Schedule/Risk
- Project Management
- Engineering Management
- Start-up and Commissioning
- Project Controls Management
- Commercial Management and Dispute Resolution
- Project Oversight for Executive Management and Boards

Recent Projects include:

- Nuclear New Builds – Oversight, Disputes and Due Diligence Assessments
- Small Modular Reactor Developments – Initial Planning and Strategic Approach
- Nuclear Refurbishments – Management, Oversight, Project Recovery, Lessons Learned
- Steam Generator Replacement Projects – Lessons Learned and Performance Improvements
- Decommissioning – Project Planning and Detailed Assessments



Roland Berger/Modus project evaluation approach



Compare the Project's "Report over Report" forecasting from VCM 19 to VCM24 – review performance metrics (SPI and CPI) and planned v. actual results.



Review Project Risk Register to assess risks that have high probability to be realized and evaluate impact to Project cost & schedule.



Assess Project's future forecasted performance (projected "bow wave") and backwards (performance projection versus forecast) as demonstrated in the Reports.



Develop scenarios of possible completion timelines for Unit 3 and Unit 4, based on schedule performance measures and other supporting data.



Review schedule scenarios with on-site team and during site tour.



Acronyms and terms

Acronym/Term	Definition/Importance
Bow Wave	Uncompleted work that is pushed forward into a different performance period; usually in an unrealistic manner
COD	Commercial Operation Declaration
CPI	Cost Performance Index; measure of labor productivity; Project measures “good” CPI >1.0
EAC	Estimate at Completion – estimated total cost at completion
ETC	Estimate to Complete – estimated cost of remaining work
HFT	Hot Functional Testing – key milestone for completion of construction and shift to start-up phase
ITAAC	Inspections, Tests, Analysis and Acceptance Criteria – NRC required testing and hold points required for facility’s licensing
ITP	Inspection Test Program
SCD	Substantial Completion Declaration
SPI	Schedule Performance Index; measure of whether work is on schedule



Executive Summary

Vogtle's Estimate at Completion (EAC) is highly likely to exceed Georgia Power's current forecast (VCM24)

- Project forecasts have consistently erred on the low side.
- Management of the schedule is clouding the forecast for meeting major milestones
- A projected huge turn around in productivity for Unit 4 is unsupported and extremely unlikely at this late stage of a Project
- Unit 4's performance for the last 25% of construction will likely mirror that of Unit 3. There is no evidence to support the assumption that Unit 4 will improve upon Unit 3.
- Nuclear plant construction history clearly shows that schedule and cost increases in the final phases are far more likely than decreases.
- Incentives may not be aligned to minimize costs.



Executive Summary

Evaluated schedule scenarios

Based on our review (as of April 13, 2021) of the Project’s performance, there is continued schedule and cost pressure to JEA’s share of Vogtle 3/4. We have assessed four potential outcomes based on the facts reviewed and the current Project trends. These Scenarios 1-4 are outlined below. On the following page, we assess the progress that would have to be achieved at the Project to realize each of the four scenarios.

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Key Performance Indicators

Vogtle Unit 3/4 Reporting



Project performance issues and reporting concerns

The following slides provide our view of the current Vogtle Project forecast, including:

- **Cost Forecasting** – forecasts have not been realistic given slipping schedule milestones, lack of mitigation and increased lost/idle time for workforce. The project has represented that Unit 4 is currently being re-forecasted to be completed in July 2021.
- **Productivity Trends** – Project has not evidenced a planned improvement to current labor performance and *forecasts* to spend 1.5 to 1.7 more than planned for every hour of work on site.
- **Schedule Performance** – schedule unrealistically holds end dates despite Project’s continued inability to meet targets and milestones.
- **Recovery Plans** – when performance lags behind schedule, there are no identified recovery plans. The Project doesn’t report it is behind schedule until it is close to missing key Milestones.
- **Delays in Document Completion and Close-out Activities** – Nuclear plants require detailed processes and paperwork, or COD cannot be met; Project’s progress in ITAAC closure and paperwork could cause both units to be further delayed.

Based on the data provided and our extensive prior experience with nuclear construction, Project’s management practices are very likely to continue to cause/contribute to delays and cost increases. Inaccurate forecasting, poor use of performance metrics and the lack of a robust lessons learned program from the recent past make it extremely unlikely these trends will be reversed.

Project forecasting has not been credible

Poor Forecasting Track Record

Poor forecasting in the past creates low confidence in project forecasting. This graph from Project shows that in 7 months:

- 5 month slip in Unit 3 COD
- 3 month slip in Unit 4 COD
- Added over \$600M in additional cost
- No regard to earned value performance in providing this forecast
- Creating a “bow wave” of incomplete work that stretches out the Project

The quality of Project’s current (VCM24) forecast is undermined by its past poor forecasting.

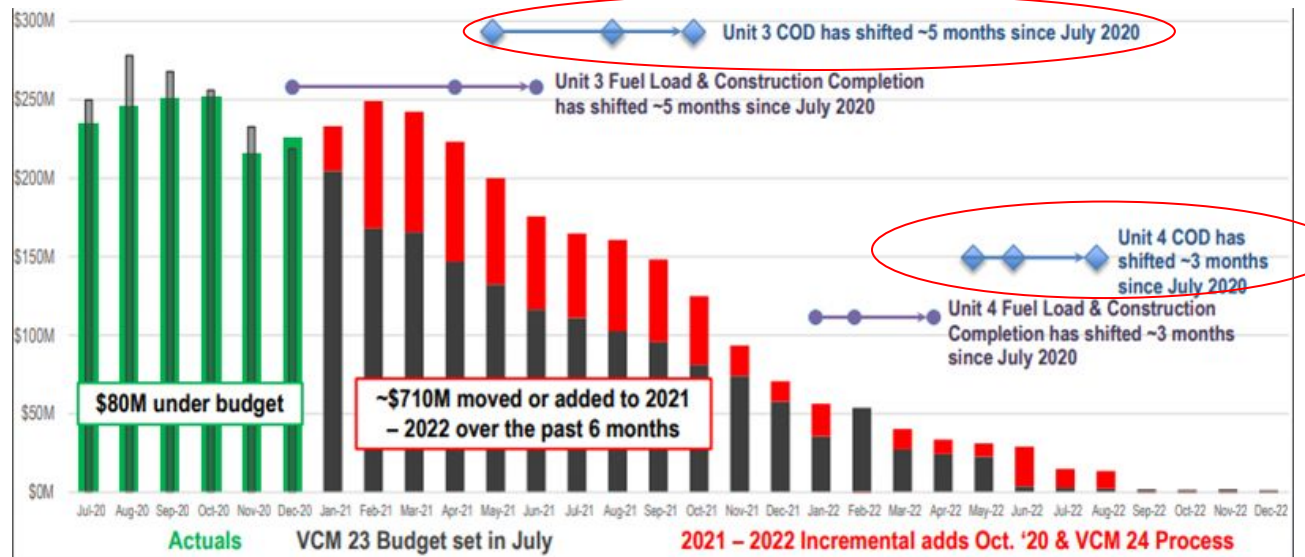


Figure 2. January 2021 VPMB Presentation Final_R1.1, pg. 12

Productivity forecasts – no projected improvement from Unit 3 to Unit 4

Productivity (CPI) Expected to Worsen on Unit 4

Cost Performance Index (CPI) is the ratio of the actual cost of work performed to the Earned Value of the work performed. *CPI < 1 is good. CPI > 1 is bad.* Overall, this metric shows significant lost productivity is occurring and forecasted to the end of both Units:

February 2021 VPMB

- Unit 3's Cumulative CPI has been steadily deteriorating since reaching 60% complete; U4's Cumulative CPI has been poor and expected to worsen to completion.
- Unit 4's forecasted Cumulative CPI at completion is 1.69, ~8% worse than Unit 3

Recent project CPI trend shows productivity is worsening - 1.5-2.0 in most recent (Feb/March 2021) Reports

Cumulative CPI forecast indicates transfer of lessons learned from Unit 3 is lacking and not expected to improve Unit 4's outcome

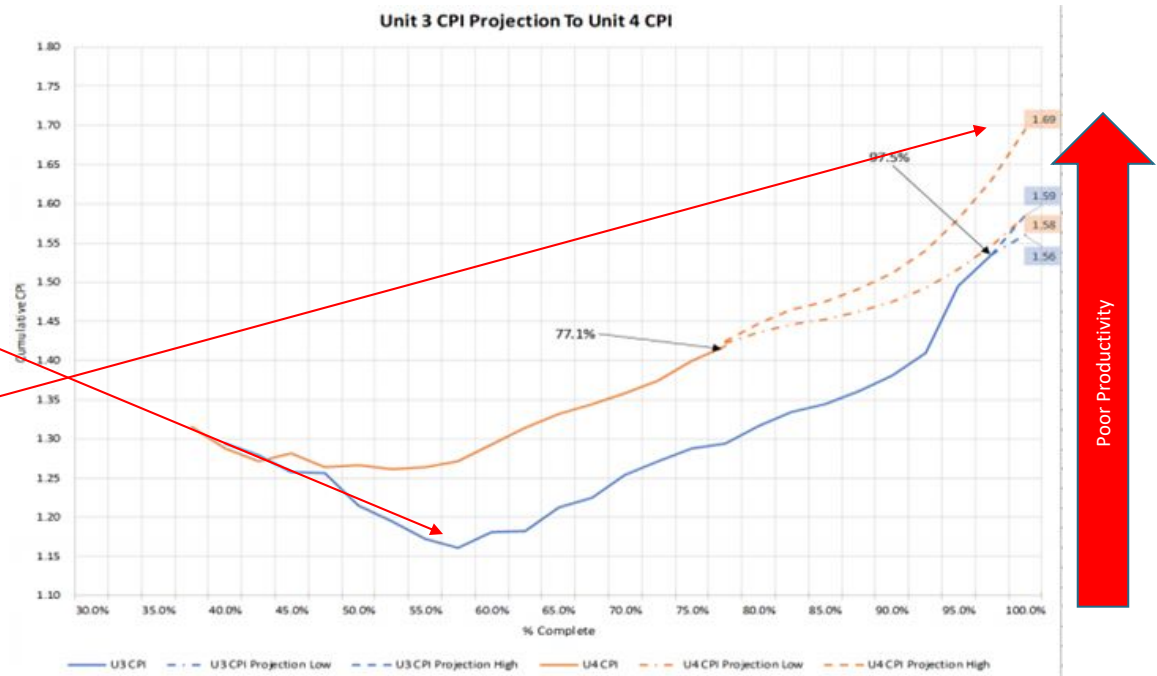


Figure 3. February 2021 VPMB Presentation Final_R1.1, pg. 20



Unrealistic schedule - activities compressed against the end date

Schedule for Unit 3 Hot Functional Testing (HFT) is unrealistic:

- “Start Hot Functional” remaining work was forecasted to suddenly improve by a factor 3X without explanation or basis.
- Project calculated continuing at the current pace should forecast a HFT start of 7 May (actual date was April 26).
- As of the time this work burn-down curve was drawn, the milestone remained fixed despite adverse trends (noted by the “dotted lines”) that it could not meet schedule.
- **Note: On March 19, Southern Co. announced HFT would be delayed 1 additional month; this forecast from VCM24 would predict further delays to early May**

Constraining milestones despite adverse trends provides an inaccurate forecast

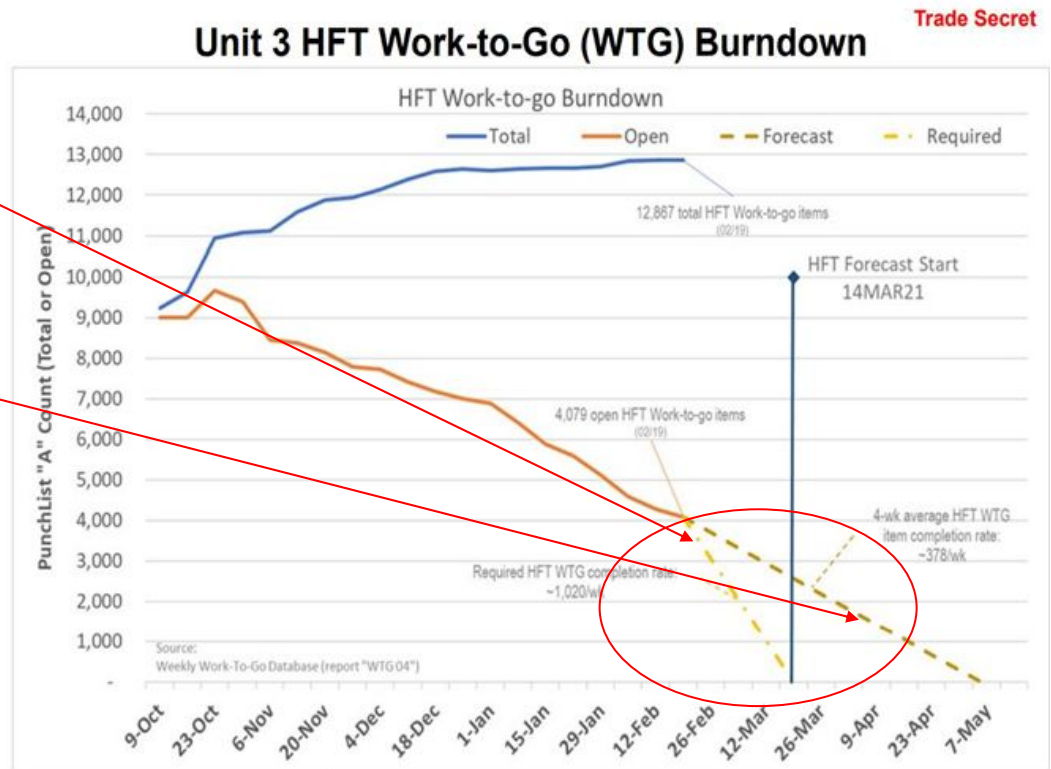


Figure 4. February 2021 VPMB Presentation Final_R1.1, pg. 26

As of Jan 2021, the project had not reduced the size of the workforce as planned

The Project meeting its forecast will require dramatic reduction in the size of its workforce, as planned.

- The Project planned to reduce its workforce in January 2021, though it was unable to do so.
- Ongoing work on Unit 3 and continued poor productivity on Unit 4 resulted in \$362.5M of “Lost Job Hours” in one year (Jan 2020 to Jan 2021).

Current trends indicate Project’s overstaffing v. plan will persist as its Unit 4 CPI forecast indicates.

Monthly Status Report

o Craft Staffing Level Curves

Discipline	Plan/Act	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Total	Plan	4,594	5,046	5,072	5,366	5,163	4,497	3,263	3,218	3,232	3,163	3,039	2,964
	Actual	5,023	5,216	5,394	5,514	5,407	5,209	5,006	-	-	-	-	-
	FCST	4,594	5,046	5,072	5,366	5,163	4,497	3,263	3,218	3,232	3,163	3,039	2,964
	Plan	70	97	61	93	68	50	49	52	87	71	68	54

The table below reflects delta hours from Actual Incurred versus Earned Hours (CPI).

Note the to date lost hours as of Forecast 1 are a subset of this total and have been incorporated in the forecast. Note that impacts post Forecast 1 and through January 2020 have been trended and incorporated into the forecast.

Lost Job hours	10-Jan	17-Jan	24-Jan	31-Jan	Total
Unit 3	41,243	44,010	43,856	52,768	4,436,986
Unit 4	36,799	30,149	38,332	36,710	2,552,553
BOP	1,320	(968)	(2,469)	(5,127)	(157,917)
Fabrication	165	(261)	(141)	39	(199,744)
Total	79,528	72,930	79,578	84,389	6,631,878
Cumulative	6,394,980	6,467,911	6,547,489	6,631,878	\$ 362,501,499

Iron Worker	Actual	456	432	424	420	392	346	334	-	-	-	-	-
	FCST	344	364	332	299	254	254	299	309	313	317	247	207
Laborer	Plan	284	339	328	365	341	293	228	239	238	243	233	212
	Actual	343	336	353	355	350	363	350	-	-	-	-	-
	FCST	284	339	328	365	341	293	228	239	238	243	233	212
	Plan	41	69	50	71	52	40	41	54	46	52	60	38



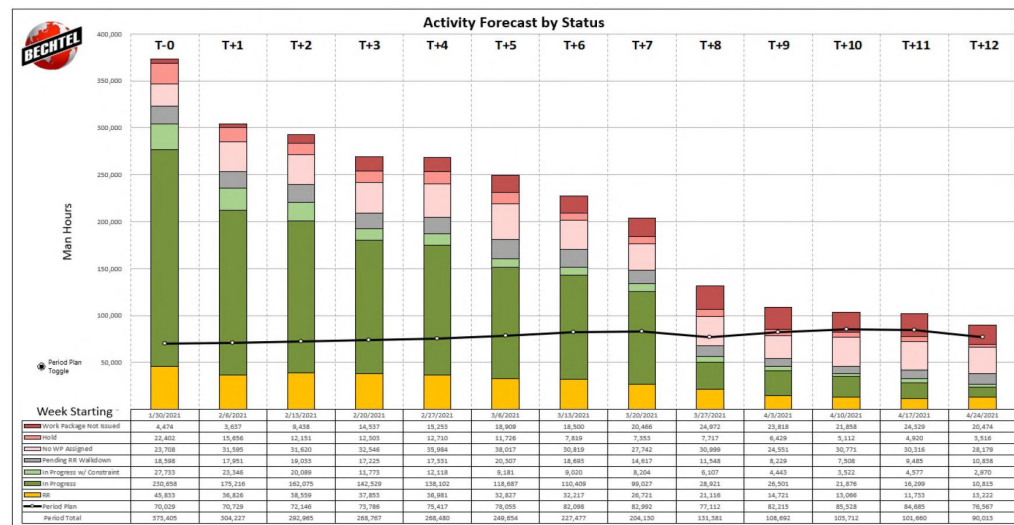
Engineering and procurement backlogs continue to impact schedule

The Project identifies impact of schedule constraints caused by engineering and procurement issues:

“These constraints are restricting the construction progress,... Expeditious removal/resolution of these holds is critical to continue the target progress rate of the Project. Construction is meeting with SNC Engineering and Procurement representatives' multiple times a week to review and status the holds,...”

Engineering and Procurement holds at this phase of the Project are indicative of larger coordination issues that will likely persist through Unit 4 if not resolved

Workable Backlog Forecast by Status



○ **Schedule Constraints**

Provided below are tables showing constraints by areas that are currently residing in the Project Schedule in the 12-week window. These constraints are restricting the construction progress in the respective areas. Expeditious removal/resolution of these holds is critical to continue the target progress rate on the Project. Construction is meeting with SNC Engineering and Procurement representatives' multiple times a week to review and status the holds to ensure that items are being prioritized to meet the construction schedule.



"Bow wave" of forecasted uncompleted work

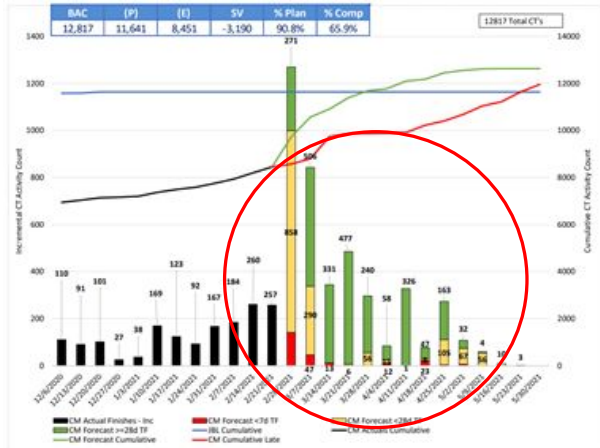


Figure 5. February 2021 VPMB Presentation Final_R1.1, pg. 29

Test Activities – Current Schedule vs. Baseline

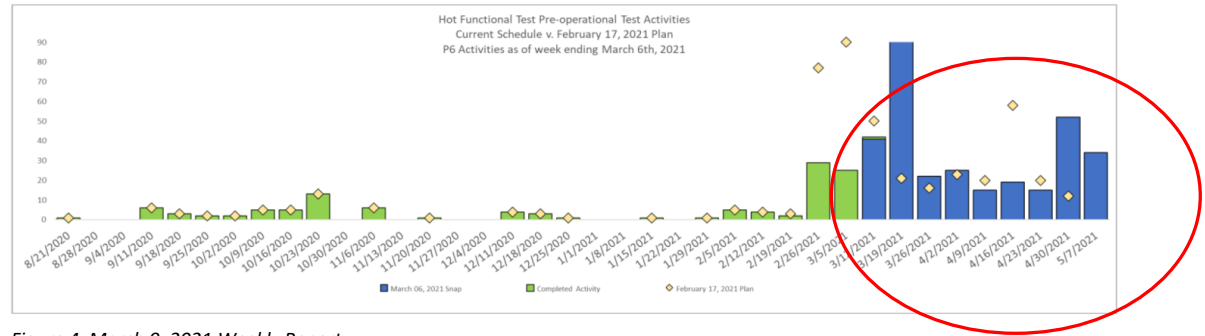


Figure 4. March 9, 2021 Weekly Report

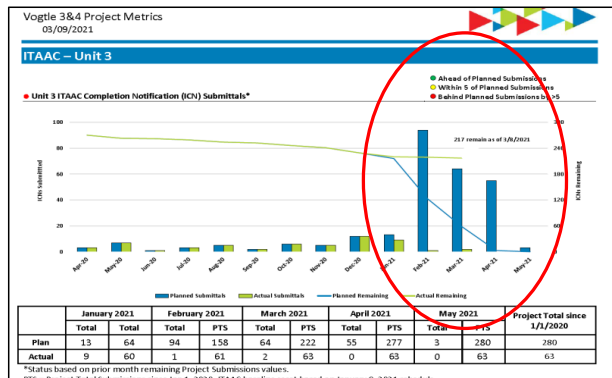


Figure 6. March 9, 2021 Weekly Metrics, pg. 22

Poor schedule adherence causes activities to stack up in a “bow wave” of uncompleted work.

- Recovery plans for completing the work are unrealistic and continue to push the incomplete work forward.
- Scheduling that allows severe bow waves of uncompleted work and constrained milestones can skew metrics and give a false sense of security of meeting schedule milestones.



Bechtel’s risk identification highlights the likelihood of persistent labor inefficiencies

The Project’s top risks each point to persistent, ongoing risks that could continue to impact labor productivity and schedule performance.

Bechtel Owned Project Risks (Top 5) – January 2021 Monthly Report				
Risk Title	Causes	Consequences	Risk Level	Estimate
Illness/Pandemic impacting Workforce	Contagious virus causing illness	1. increased absenteeism; 2. Quarantine and testing of those exposed; 3. Increase to site medical personnel; 4. Impact to project Planning; 5. Potential disruption of work; 6. Distraction to Workforce	25	\$118.75M
Craft Productivity	Productivity not meeting estimated units	Challenges to project cost and schedule	25	\$118.75M
Implementation and successful execution of the Project Schedule (Very Aggressive)	1. Increase in weekly earnings; 2. Increase in craft; 3. Engineering response time delays	Congestion & density of craft	20	\$100.0M
Increasing backlog of System Turnover Exceptions	Constraints to construction completion – engineering, procurement, performance, staffing, absenteeism	Partial system turnovers, resulting in exceptions backlog	15	\$ 62.5M
Quality Performance – Project installation rework and work package closure	1. increased number of new craft on site, inexperienced, schedule pressure; 2. Construction personnel are not signing as work steps and/or verification and inspection activities are complete	1. Cost and schedule delays; 2. Inability to close activities; 3. Schedule pressure could force process failures; 4. Delay to Fuel Load	19	\$ 44.0M



Discovery issues (i.e., newly identified problems) could further delay both units

Rework could further impact completion; the extent of the problem is not known—likely to Impact both Unit 3 and Unit 4

This is a significant discovery issue that requires rework for Unit 3; Unit 4 will experience the same issue.

- An extent of condition exercise to determine how serious this issue is appears to be underway.
- Corrective actions associated with the root cause investigation must occur to negate any further risk to ETC.
- These studies may identify other areas that require rework.

As of 3/2/2021 there are approximately 340 Electrical Engineering Service Requests that impact milestones. Most deal with cable separation. Many have “commitment” dates of mid-March. Commitment dates are not always the same as actual delivery dates.

NOTE: Southern Co’s 8-K statement of March 19, 2021 refers to this as a reason for continued delays to HFT.

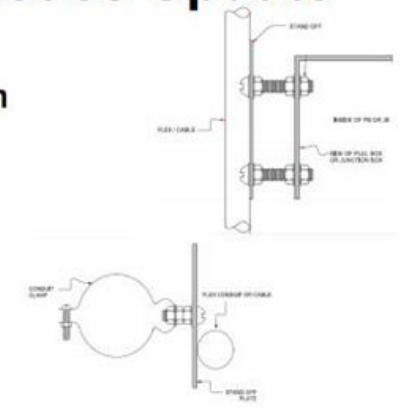
- Rework and excessive punch list work will continue to impact Unit 3’s construction completion and could ripple into Unit 4’s progress.
- It is now understood via the root cause investigation that extensive rework will not be required on Unit 4. However, the engineered fixes will still be required for Unit 4.



Trade Secret

Electrical Installation Issues Update

- **PMS division rework nearing completion**
- **MCR rework began week of 15FEB**
- **IEEE cable separation EOC complete**
 - 600+ discrete issues in 63 of 89 rooms
- **Root Cause underway, due mid-March**
 - scope expanded from IEEE cable separation to include 14 additional electrical installation issues
- **Electrical engineering support team from Cranberry/Charlotte/Spain**
 - Supporting analytic + field rework solutions
 - Supporting EOC walkdowns as part of RCA
 - Team will follow rework and issue resolution






Figure 7. February 2021 VPMB Presentation Final R1.1, pg. 32



Additional negative schedule indicators point to likely risks

From our review of the Monthly Reports, we also found the following:

- **Hot Functional Testing Schedule**

- The Project has now established the Unit 3 Startup schedule based on experience from the Sanmen AP-1000 Project.
- The allotted schedule time between HFT Start and Commercial Operation appears to be extremely aggressive (note: A detailed schedule and/or open items (punch list) are not available for review).
- As a “first of a kind” plant design Vogtle 3 &4 could experience technical issues during and after HFT, which can add to the schedule.
- Previous Westinghouse PWRs have experienced problems during this period related to vibration, pipe & hanger expansion during heat-up, and turbine controls to name a few. It does not appear, based on the high-level review afforded us, that much consideration was given to these potential issues.

- **Lessons Learned**

- From the Project Reports, there is no demonstrable evidence of a Lessons Learned transfer from Unit 3 to Unit 4.
- Productivity improvements from shifting of key personnel from Unit 3 to Unit 4 have yet to be realized.

- **Discrete Risks and Contingency**

- The Project’s method for tracking discrete risks and how it relates to its contingency is not apparent from the documentation reviewed.





Analysis

Roland Berger & Modus

Vogle Unit 3/4 Forecast

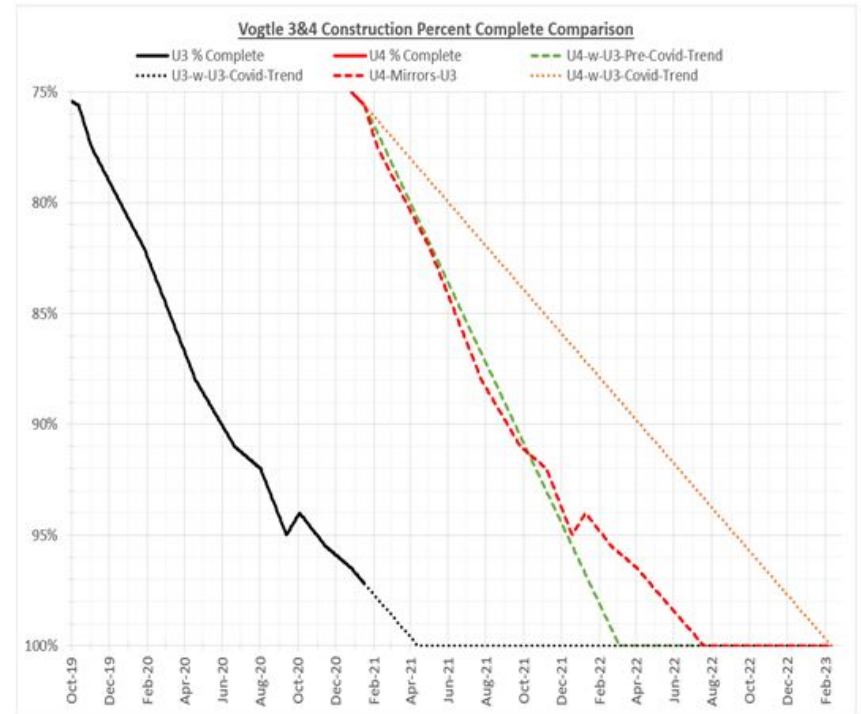


Schedule performance – risk of delays from Unit 3 carrying over to Unit 4

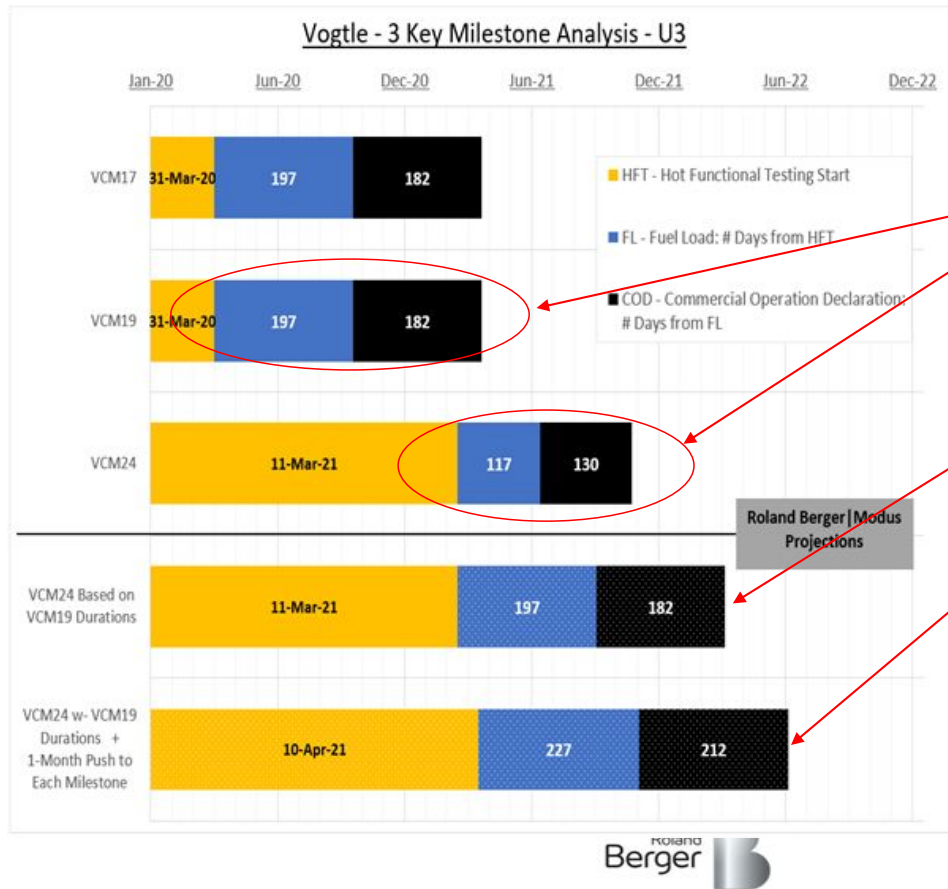
Based on our review and comparison of the critical Monthly Reports and available documents, the most likely outcomes for Unit 3 and Unit 4 are:

- Unit 3’s COD will likely be delayed by 3-6 months beyond the current November 2021 COD forecast.
- Unit 4’s performance is likely to mirror Unit 3 – there is no evidence of performance gains from lessons learned or otherwise.
- Unit 4 is currently ~75% complete – if Unit 4 requires the same duration to complete its remaining 25%, construction will complete in **18** months (approximately 3-6 Months late based on current VCM24 Forecast).
- Improving Unit 4’s outcome would require a change in management from what has been apparent to date.
- The impact of these delays, if realized, will result in significant further cost increases.

Roland Berger/Modus can provide recommendations for mitigation and improvement of the outcome.



Comparison of Unit 3 key milestones: forecast slippage and reduced planned durations



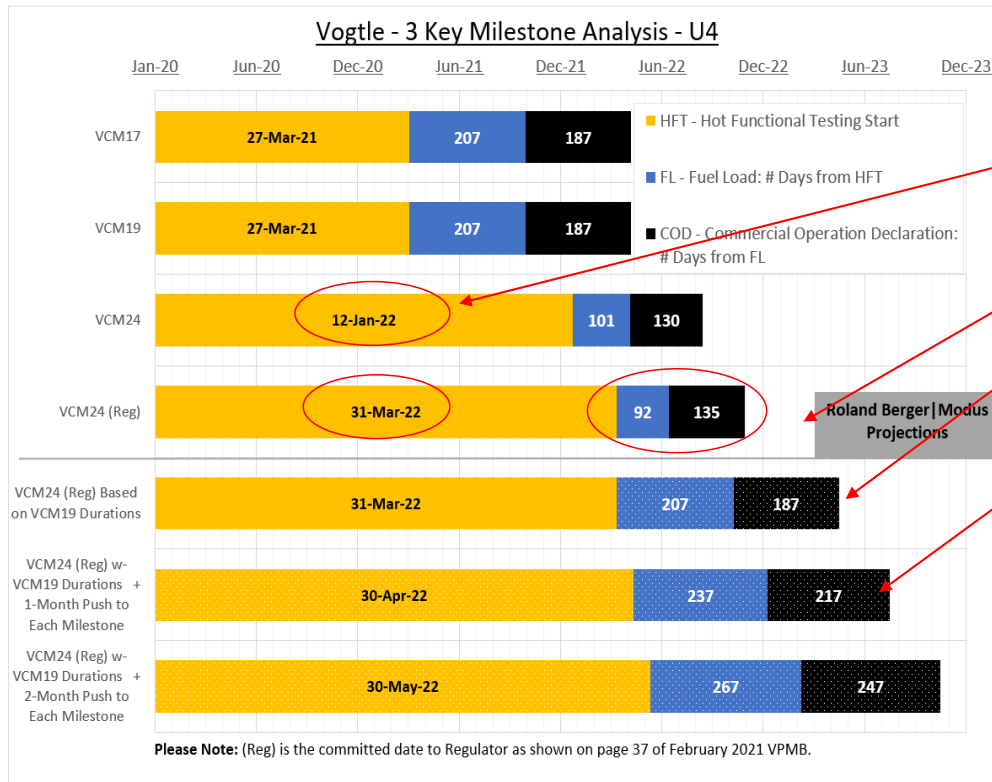
VCM 24 acknowledged Unit 3's Hot Functional Testing (HFT) would be delayed by 7 months:

- However, Project reduced the durations for HFT and HFT-FL activities from 197 and 182 days to 117 and 130 days, respectively.
- If Project performs to its original schedule durations, COD would be late 1Q 2022
- Project acknowledged a 1-month delay to HFT – if each of the HFT & Post HFT milestones is delayed an additional month, completion would be late 2Q 2022

Note: The latest weekly construction report (March 9, 2021) on page 8 of 66 shows Pre-Op Testing (for Hot Functional Testing) activities based on the latest P6 schedule executing as late as May 7, 2021. This could represent another one-month push to the start of Hot Functional Testing on top of the recent declaration pushing this milestone into April.

We now understand that the HFT-FL-COD schedule was revised at VCM 24 based on the Chinese experience at Sanmen. It is too early to conclude that the revised schedule is achievable.

Comparison of Unit 4 key milestones: forecast slippage and reduced planned durations



VCM 24 shows similar changes to the HFT planned durations as Unit 3

- HFT start (in yellow) was delayed by 9 ½ months (291 days) from 27-Mar-21 to 12-Jan-22
- Subsequent start-up milestones (in blue and black) were reduced by 163 days (5 ½ months)
- U4 regulatory milestone dates later than VCM24 imply U4 has free float on critical path.
- If the original durations are restored, and float from regulatory target dates are removed, Unit 4 COD would not occur until 1Q 2023.

We now understand that the HFT-FL-COD schedule was revised at VCM 24 based on the Chinese experience at Sanmen. It is too early to conclude that the revised schedule is achievable.

Georgia Commission monitor testimony echoes concerns about project forecasting inaccuracy

Our review of the Georgia Commission’s Construction Monitor revealed many of the same themes from our review of the available data. The following are the relevant sections of the Commission Monitors (Jacobs and Smith) at the time of the Project forecasts provided for our review:

Report	Date	Conclusions
VCM 17	12/1/17	<p>Jacobs cites the main causes for the failure to meet the previously presented project schedule:</p> <ul style="list-style-type: none"> ○ There has never been a realistic and achievable Integrated Project Schedule. ○ At the inception of the project, the parties were not prepared to adhere to the NRC’s stringent quality assurance requirements. ○ Westinghouse lacked sufficient design completion of the Project until recently. This lack of design detail backlog impacted procurement and construction; and resulted in enormous numbers of design changes for fabricators, constructability issues, and meeting the AP1000 design basis.
VCM 19	11/30/18	<p>Staff has concerns about the adequacy of the new ETC (post-reforecast):</p> <ul style="list-style-type: none"> ○ Based on project trends, the \$800M in contingency may prove to be inadequate. ○ The U3 Extended Schedule (i.e., "21-month schedule") presented by Georgia Power is unlikely to be achieved. ○ The U4 "29-month schedule" is becoming unlikely because it requires higher level of sustained productivity and production. ○ Current spending rate of \$200M per month means any further delays will drive up costs.
VCM 23	11/24/20	<ul style="list-style-type: none"> ○ Since the inception of the project, all Integrated Project Schedule updates have been overly aggressive and unachievable. ○ Construction is not earning enough hours to make U3 HFT and COD of November 21, 2021, and contractor continues to run behind on work package closure, system turnovers, subcontractor work completion, ITAAC, component and preoperational testing, and turnover to operations.





Next Steps

For Consideration and Guidance Purposes



Recommendations

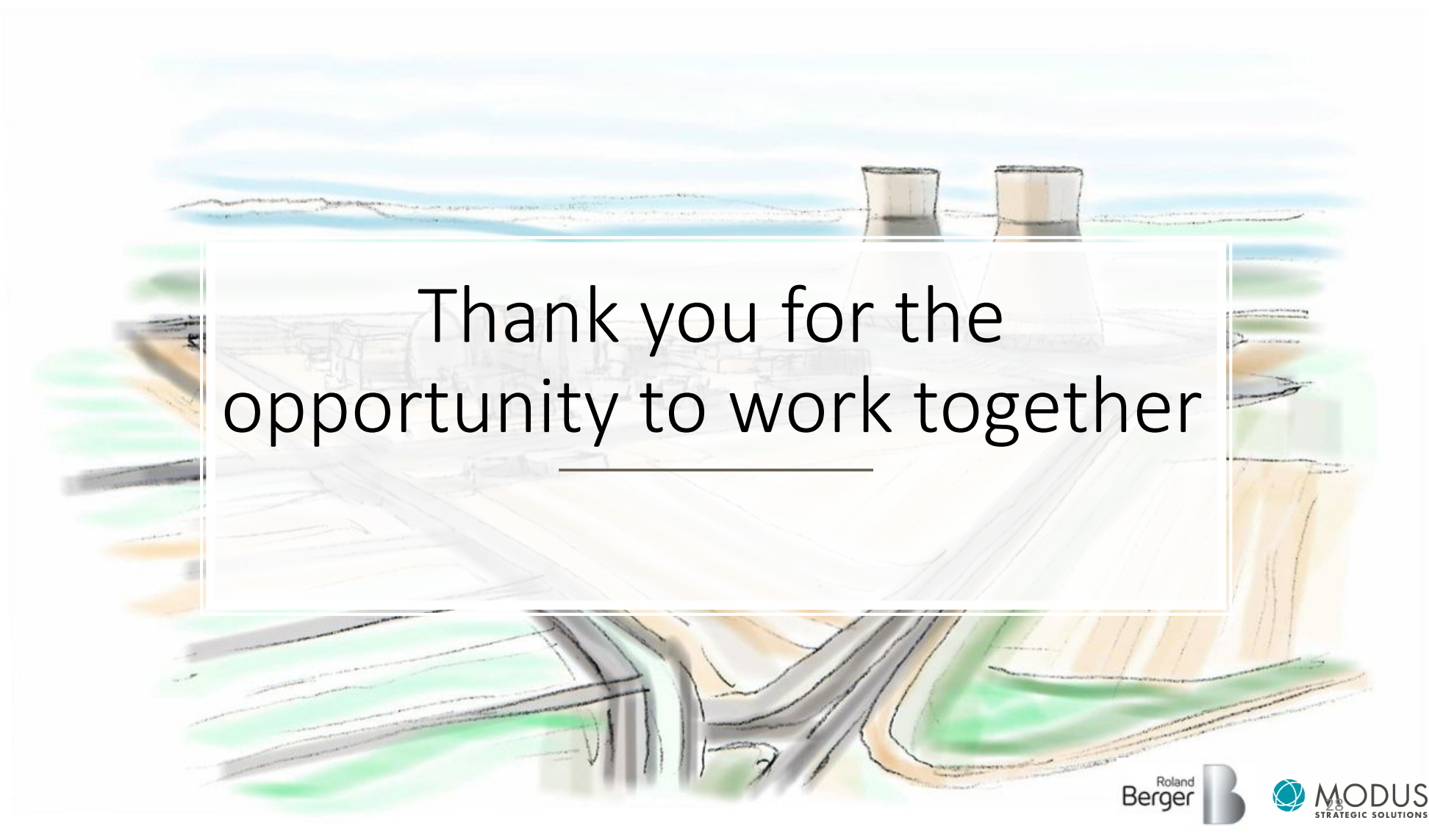
1. Continue Monitoring Progress

- a. Monitor Unit 3 Hot Functional Test progress against plan to assess future progress
- b. Conditions could change (better or worse) as Unit 3 completes and Unit 4 becomes the only unit under construction
- c. Remaining work on Unit 3 – will provide best prediction for Unit 4 and full exposure range to JEA
- d. Review and analyze of risks/mitigation/contingency and monitor cost and schedule trends
- e. Current Unit 4 re-forecast will require careful analysis

2. Improve accuracy and consistency of project reporting

3. Cost reconciliation of Unit 3 - Unit 4 overhead cost split may be required





Thank you for the
opportunity to work together





JEA PLANT CAPACITY FEES

To: JEA

From: Andrew Burnham, Director
Stantec Consulting Services

Re: JEA Plant Capacity Fee Review

Date: June 9, 2021

Purpose of Memo

This memorandum has been completed to document the results of an updated review and analysis of JEA's plant capacity fees. In 2018, Stantec conducted a detailed year-long cost of service study (2018 Study), which included an analysis and calculation of plant capacity fees. The method of calculation used in the 2018 Study is commonly referred to as the hybrid approach, which weights the calculation of the unit cost of plant capacity between historical investments and planned capital improvements as reflected in JEA's capital investment plan.

At the time of the 2018 Study, the ten-year capital investment plan for water and wastewater was \$1,563M. However, the current capital investment plan is now \$1,711M and includes a significant number of new treatment plants and expansions of existing facilities. In light of the magnitude of the change in future capital investments needed to serve new growth, and the ability to identify several projects within the updated capital investment plan that are representative of the full incremental cost of new facilities needed to serve growth, it is appropriate to both consider an alternative method for calculating plant capacity fees and to recalculate the level of the fees. As such, this memo presents the findings of an updated plant capacity fee analysis that reflects the substantial change in the level of planned capital investments as compared to those reflected in the 2018 Study.

Plant Capacity Fee Analysis

JEA's plant capacity fees are assessed to new residential and commercial connections based on the assumed level of service in gallons the connection requires and fee per gallon that reflects the cost of capacity. Table 1 displays the current schedule of fees and level of service assumptions as described in the October 2017 Board approved Water and Sewer Rate Document. It is important to note that fees for customers with greater than 2" meters are calculated based on the fee per gallon multiplied against the estimated demand of each connection as opposed to the set of standard assumptions used for smaller meter sizes.

Table 1 Current Plant Capacity Fees

Meter Size	Level of Service	Unit	Fee Per Gallon	Current Fee
Water				
3/4"	350	Average Day	\$ 0.97	\$ 339.50
1"	365	Average Day	\$ 0.97	\$ 354.34
1 1/2"	718	Average Day	\$ 0.97	\$ 696.74
2"	880	Average Day	\$ 0.97	\$ 854.51
Wastewater				
3/4"	350	Average Day	\$ 3.64	\$ 1,274.00
1"	365	Average Day	\$ 3.64	\$ 1,329.69
1 1/2"	718	Average Day	\$ 3.64	\$ 2,614.56
2"	880	Average Day	\$ 3.64	\$ 3,206.63



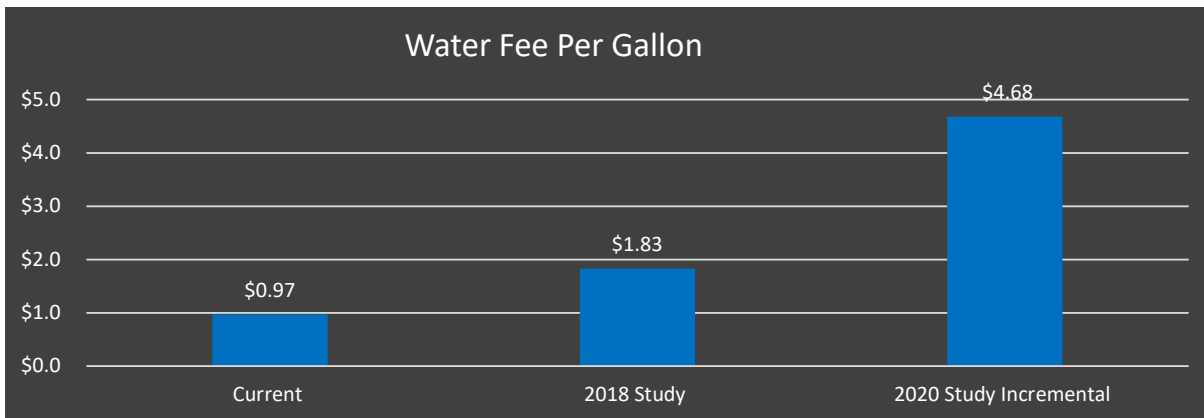
A critical component to the analysis presented herein is JEA’s current capital improvement plan (CIP) which outlines several new treatment facilities or expansions thereof in terms of cost and capacity additions. Upon review of the CIP, it was determined that this analysis should include an updated calculation of plant capacity fees based solely on the appropriate expansion-related projects included in the current CIP (referred to as the incremental method).

Table 2 and Table 3 display select projects from the CIP that were determined to be representative of JEAs future expansion costs per unit of average day treatment capacity for both the water and sewer service lines. These representative projects serve as the cost basis of plant capacity in the incremental approach. These projects were discussed in depth with JEA staff to ensure that they reflect investments in all of the necessary functional elements of treatment to ensure a full unit cost of plant capacity. The average cost of the selected projects per million gallons per day (MGD) for water capacity is approximately \$4.7M or \$4.68 per gallon of average day capacity. Whereas the average cost per MGD of the selected projects for wastewater treatment is \$25.6M or \$25.57 per gallon of average day capacity. The calculated cost per gallon using the incremental method is presented for comparison purposes in Figure 1 and Figure 2 with the current fees and the results from the 2018 Study.

Table 2 Select Water Plant Capacity Expansion Projects

Project	Cost	Capacity ¹	Capacity Unit	Unit Cost
Northwest Regional WTP	\$10,134,069	2.40 MGD	Average Day	\$ 4,222,529
Westlake WTP	\$14,858,862	4.00 MGD	Average Day	\$ 3,714,716
River Town WTP	\$18,613,099	1.88 MGD	Average Day	\$ 9,900,585
West Nassau Regional WTP	\$8,553,245	1.40 MGD	Average Day	\$ 8,553,245
Greenland WTP	\$6,656,187	2.89 MGD	Average Day	\$ 2,303,179
Total	\$58,815,462	12.57 MGD	Average Day	\$ 4,679,034
Cost Per Gallon				\$ 4.68

Figure 1 Water Plant Capacity Fee Per Gallon Comparison²



¹ Average day capacity expansion was estimated using plant specific max day peaking factors and only included expanded capacity serving new connections.

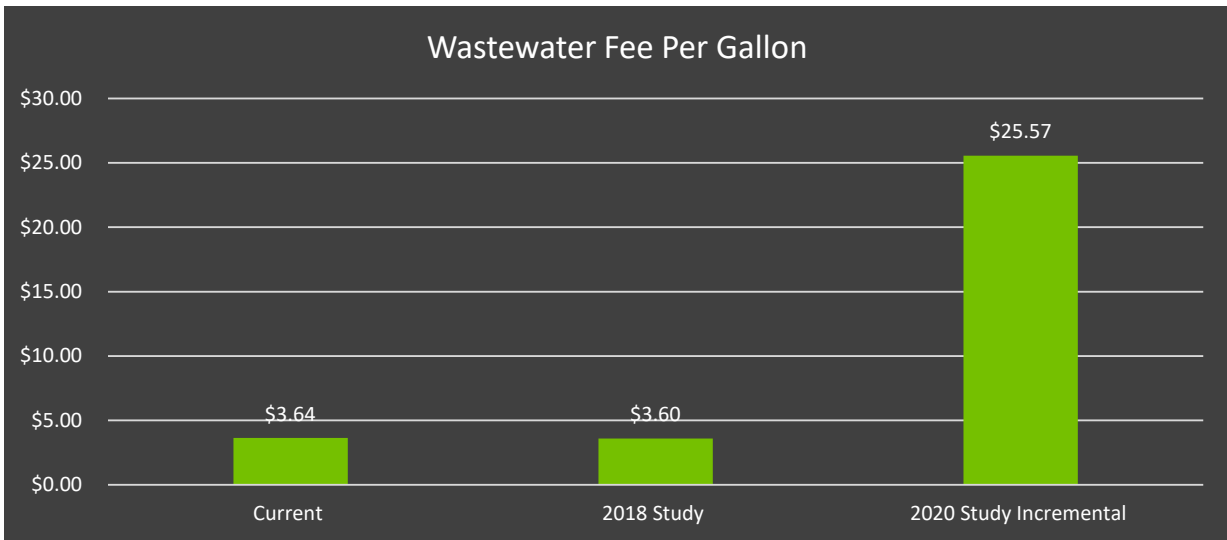
² 2018 Study is priced on a maximum day service basis, whereas the current and 2020 incremental study utilize an average day service basis.



Table 3 Wastewater Plant Capacity Expansion Projects

Project	Cost ³	Capacity	Capacity Unit	Unit Cost
Blacks Ford WRF	\$67,208,993	3.00 MGD	Average Day	\$ 22,402,998
Southwest WRF	\$42,210,119	2.00 MGD	Average Day	\$ 21,105,060
Nassau Regional WRF	\$53,818,181	1.50 MGD	Average Day	\$ 35,878,787
Greenland WRF	\$105,187,135	4.00 MGD	Average Day	\$ 26,296,784
Total	\$268,424,428	10.5 MGD	Average Day	\$ 25,564,231
Cost Per Gallon				\$ 25.57

Figure 2 Wastewater Plant Capacity Fee Per Gallon Comparison



³ Cost totals from FY 2020 – FY 2026. Greenland WRF is inclusive of land purchase cost.



Table 4 Level of Service Summary by Meter Configuration

Meter Size	Current Level of Service	Basis for Current	Updated Level of Service	Basis for Updated
Water (No Irr.)				
3/4"	350	Average Day	250	Average Day
1"	365	Average Day	300	Average Day
1 1/2"	718	Average Day	450	Average Day
Water (W/ Irr.)				
3/4"	350	Average Day	200	Average Day
1"	365	Average Day	250	Average Day
1 1/2"	718	Average Day	300	Average Day
Water (Irr.)				
3/4"	350	Average Day	225	Average Day
1"	365	Average Day	325	Average Day
1 1/2"	718	Average Day	700	Average Day
Wastewater				
3/4"	350	Average Day	200	Average Day
1"	365	Average Day	250	Average Day
1 1/2"	718	Average Day	300	Average Day

Table 4 displays the numerical level of service data for the current and updated analysis, whereas Figure 4 provides a side by side contrast of the current level of service assumptions and the updated assumptions on an average day basis. The updated level of service assumptions were distilled from detailed discussions with JEA’s subject matter experts and an examination of current usage trends. For water connections, the updated levels of service are mostly lower than the current assumptions and consistent with current usage trends which notably capture increasing efficiency in usage. With regards to wastewater, the current level of service assumptions are notably higher than the updated assumptions based on current system data. The differences between the current and updated levels of service are one of the two primary drivers of the calculated plant capacity fees presented in this analysis (the other being the unit cost of capacity).

Figure 4 Level of Service Comparisons

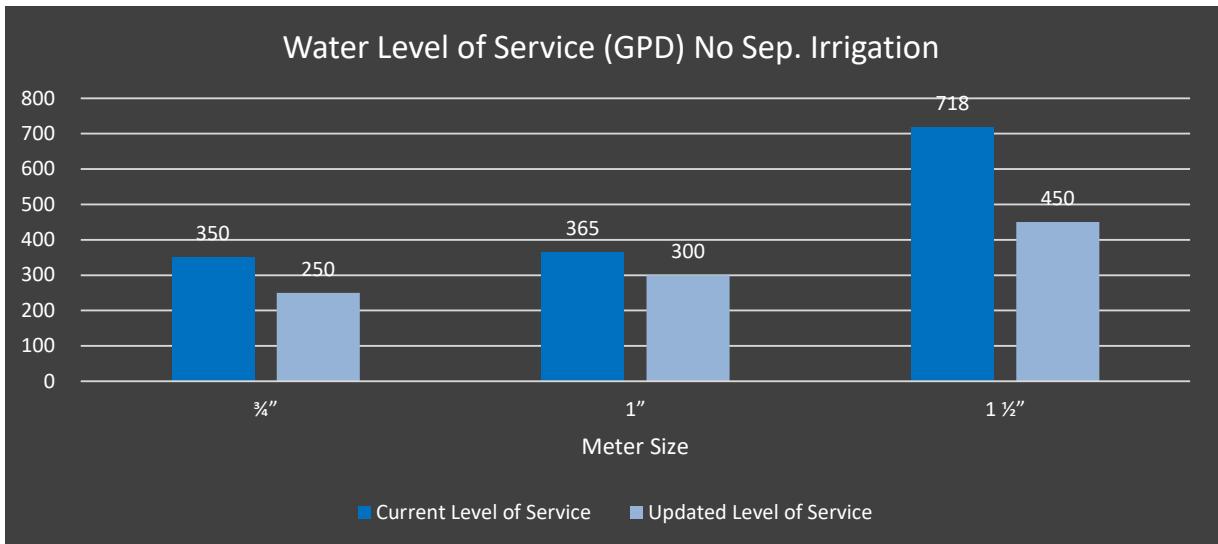




Figure 4 Level of Service Comparisons (Cont.)

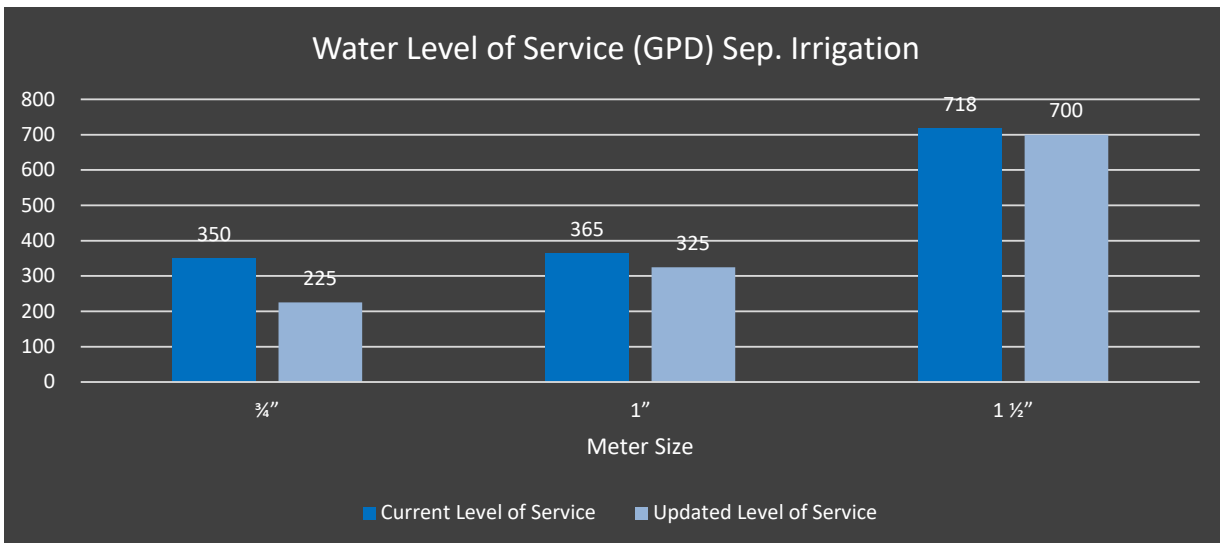
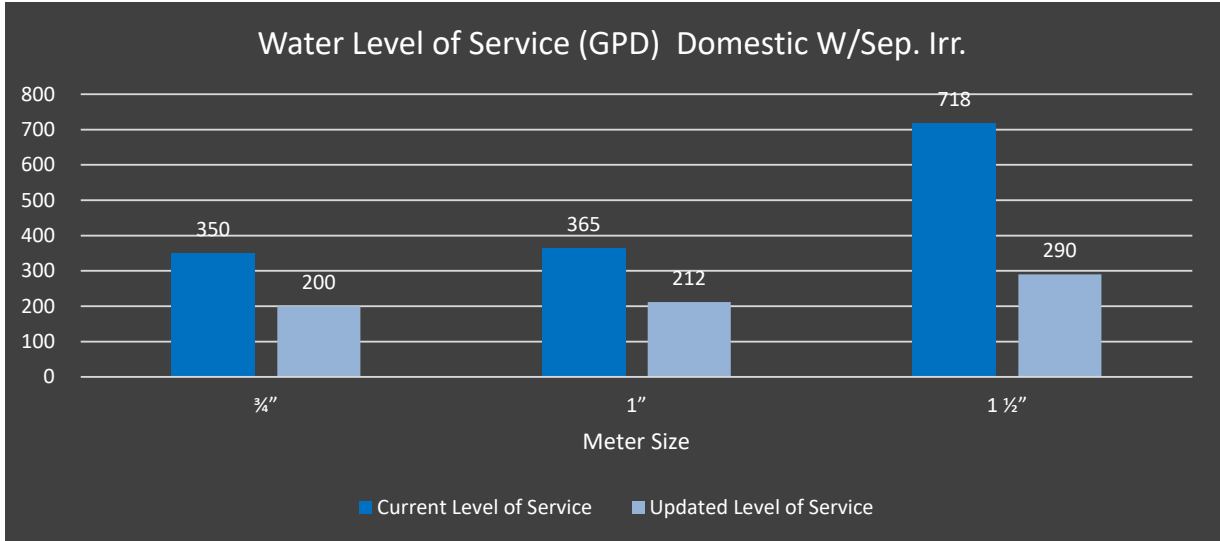




Figure 4 Level of Service Comparisons (Cont.)

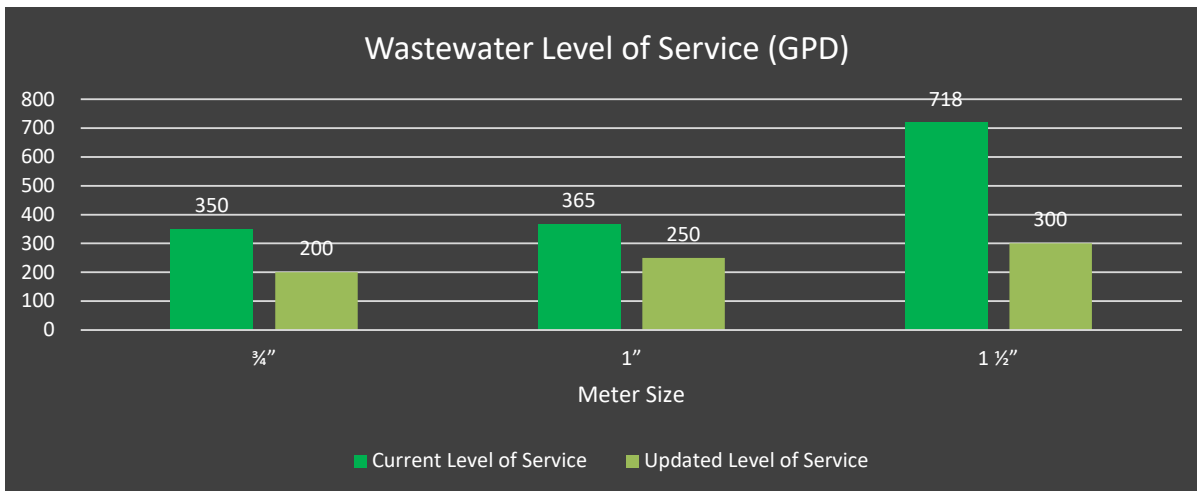


Table 5 presents a summary of the calculated plant capacity fees. The fees scale by meter size based on the updated average day level of service assumptions. For a 3/4" water meter, the incremental plant capacity fee has been calculated at \$1,170.00, which is \$835.50 (144%) higher than the current fee of \$339.50. For a 3/4" wastewater connection, the incremental plant capacity fee has been calculated at \$5,144.00, which is \$3,870.00 (304%) higher than the current fee of \$1,274.00. Table 6 displays the calculated fees in contrast to the current fees and the 2018 Study results. As previously indicated the 2018 study's calculated fees for water were based on maximum day level of service standard.

Table 5: Calculation of 2020 Plant Incremental Capacity Fees

Meter Size	Number of Connections	Updated Level of Service	Cost per Gallon	2020 Incremental Fee
Water (No Irr.)				
3/4"	256,957	250	\$ 4.68	\$ 1,170.00
1"	14,918	300	\$ 4.68	\$ 1,404.00
1 1/2"	595	450	\$ 4.68	\$ 2,106.00
Average LOS		253		
Water (W/ Irr.)				
3/4"		200	\$ 4.68	\$ 936.00
1"		250	\$ 4.68	\$ 1,170.00
1 1/2"		300	\$ 4.68	\$ 1,404.00
Water (Irr.)				
3/4"	32,046	225	\$ 4.68	\$ 1,053.00
1"	6,264	325	\$ 4.68	\$ 1,521.00
1 1/2"	46	700	\$ 4.68	\$ 3,276.00
Average LOS		241		
Wastewater				
3/4"	227,579	200	\$ 25.57	\$ 5,114.00
1"	12,194	250	\$ 25.57	\$ 6,392.50
1 1/2"	382	300	\$ 25.57	\$ 7,671.00
Average LOS		202		



Table 6 Current, 2018 Study and 2020 Incremental Plant Capacity Fees by Meter Size

Meter Size	Current Fee	2018 Study Fee	2020 Incremental Fee
Water (No Irr.)			
3/4"	\$ 339.50	\$ 365.00	\$ 1,170.00
1"	\$ 354.34	\$ 732.00	\$ 1,404.00
1 1/2"	\$ 696.74	\$ 2,196.00	\$ 2,106.00
Water (W/ Irr.)			
3/4"	\$ 339.50	\$ 244.00	\$ 936.00
1"	\$ 354.34	\$ 488.00	\$ 1,170.00
1 1/2"	\$ 696.74	\$ 1,464.00	\$ 1,404.00
Water (Irr.)			
3/4"	\$ 339.50	\$ 1,220.00	\$ 1,053.00
1"	\$ 354.34	\$ 1,220.00	\$ 1,521.00
1 1/2"	\$ 696.74	\$ 1,220.00	\$ 3,276.00
Wastewater			
3/4"	\$ 1,274.00	\$ 719.00	\$ 5,114.00
1"	\$ 1,329.69	\$ 763.20	\$ 6,392.50
1 1/2"	\$ 2,614.56	\$ 1,044.00	\$ 7,671.00

Figure 5 and Figure 6 provide additional context as to the relative comparison of the calculated incremental plant capacity fees presented in this analysis to the current fee and 2018 Study results.

Figure 5 Water Plant Capacity Fee Per ERU (3/4") Comparison

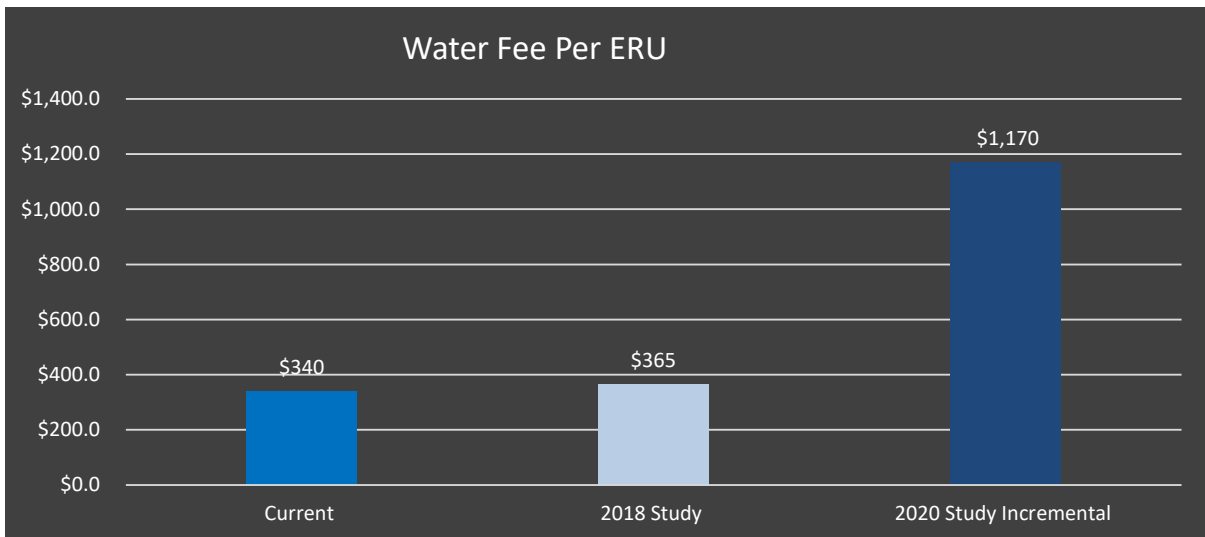
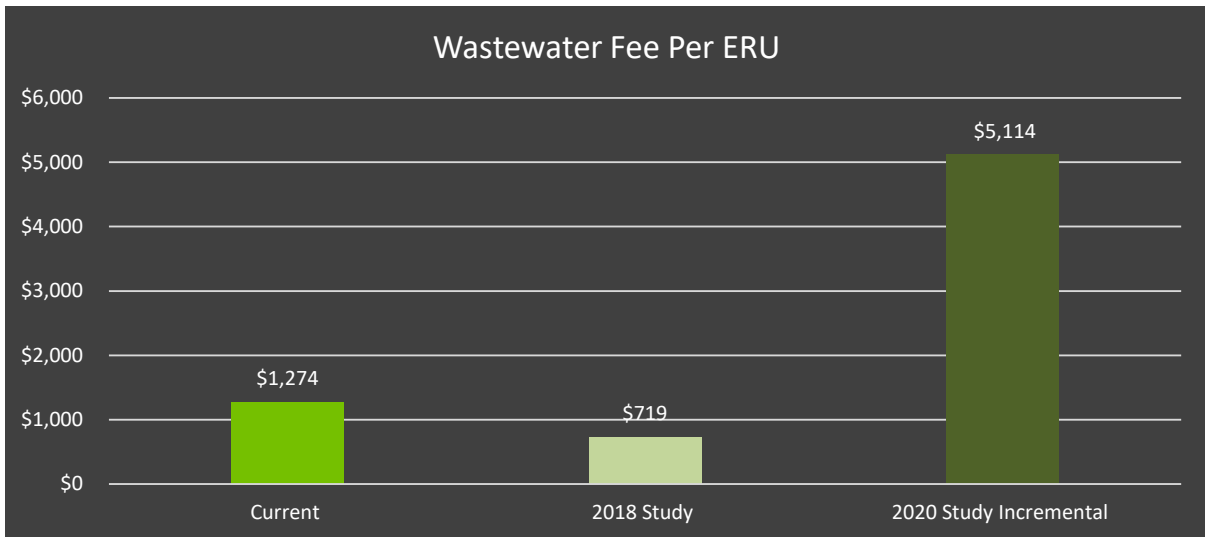




Figure 6 Wastewater Plant Capacity Fee Per ERU (3/4") Comparison



In summary, JEA has historically invested in water and wastewater plant capacity to serve its growing demands from new connections. This analysis reveals that the forward-looking cost of capacity to be installed over the next 10 years for both water and wastewater plant capacity comes at a much higher unit cost than JEA’s historical investments. This finding is not uncommon, as new technologies, regulatory requirements and inflating construction cost continue to place upward pressure on the cost to deliver new plant capacity to JEA’s system and more broadly in the industry. The capacity fees levied by the organization should be updated from time to time in order to capture changes in the unit cost of capacity and ensure they are passed on to the new connections to the system that they are intended to serve. In summary, our analysis concludes that JEA’s current plant capacity fees are justified from a cost standpoint and in fact could be increased given the incremental cost of planned capacity expansions needed to serve future development.

Capacity Fee Benchmarking

In addition, Stantec performed an extensive capacity fee benchmarking effort of local agencies, Florida peers and national peers. It is important to note that many utilities have a single capacity fee for treatment as well as transmission infrastructure. That said, the effort provides additional context as to the level of JEA’s total plant capacity and line extension fees in comparison to other utilities. While useful, it should be noted that an in-depth analysis was not performed to identify the methods used in the development of the water and wastewater capacity fees imposed by the other municipalities or when they were updated, nor has any analysis been performed to determine whether 100% of the unit cost of capacity is recovered from such fees.

As demonstrated in Figure 7, JEA’s total plant capacity and line extension fees are comparable to other municipal providers and are frequently in the middle of the pack when contrasted in terms of individual pricing for water and wastewater capacity or in terms of total cost for a typical 3/4” connection to the system.

There are a number of reasons why capacity fees will vary from utility to utility. Some of the primary reasons why the fees differ among utilities include the density of the service area, availability of grant funding to finance CIP, age of infrastructure, level of service standards, and administrative policies. Additionally, only a fraction of the entities surveyed have a standalone fee for irrigation or reclaimed water connections.

Figure 7 Water & Wastewater Capacity Fee Survey

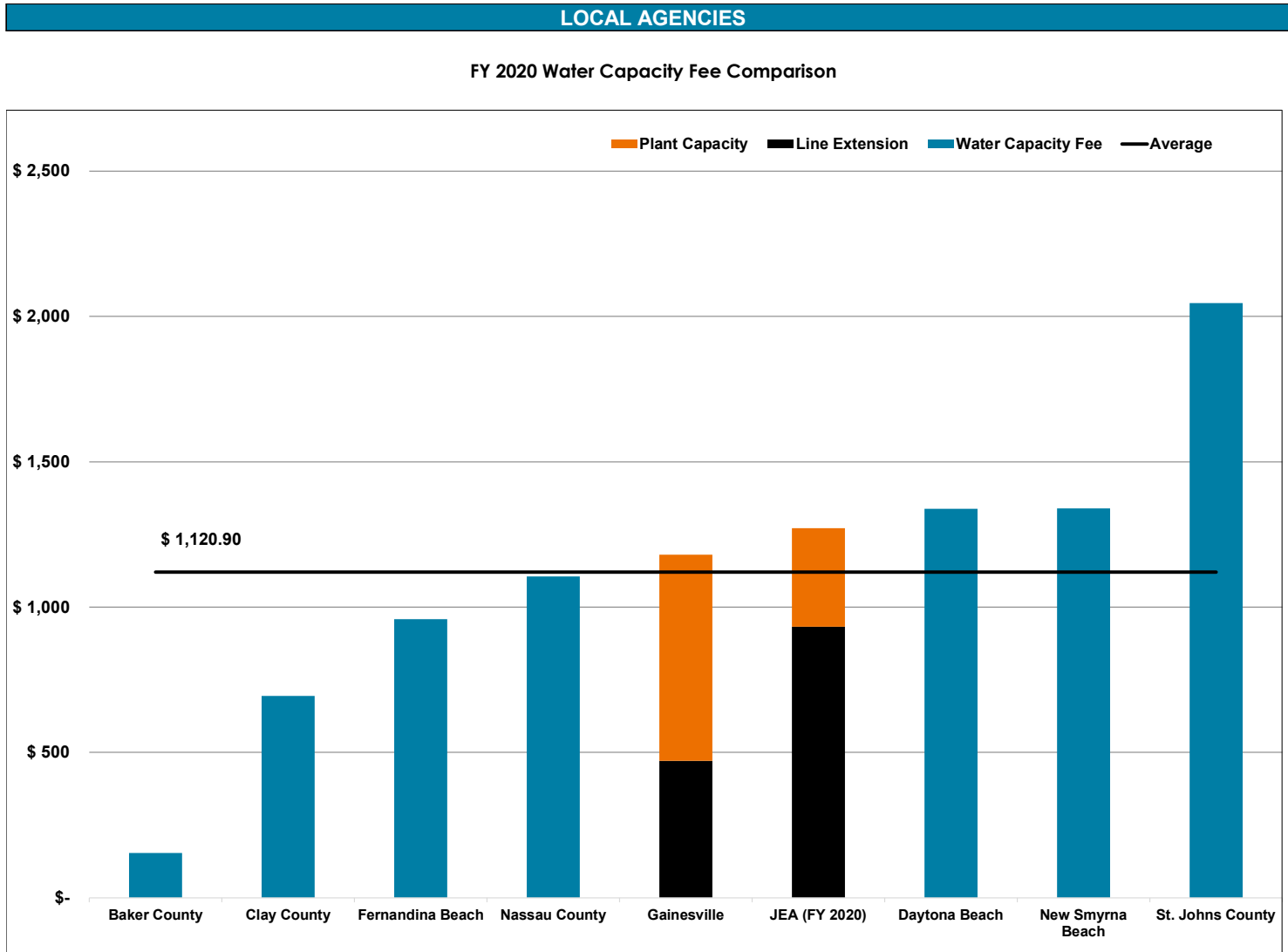




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

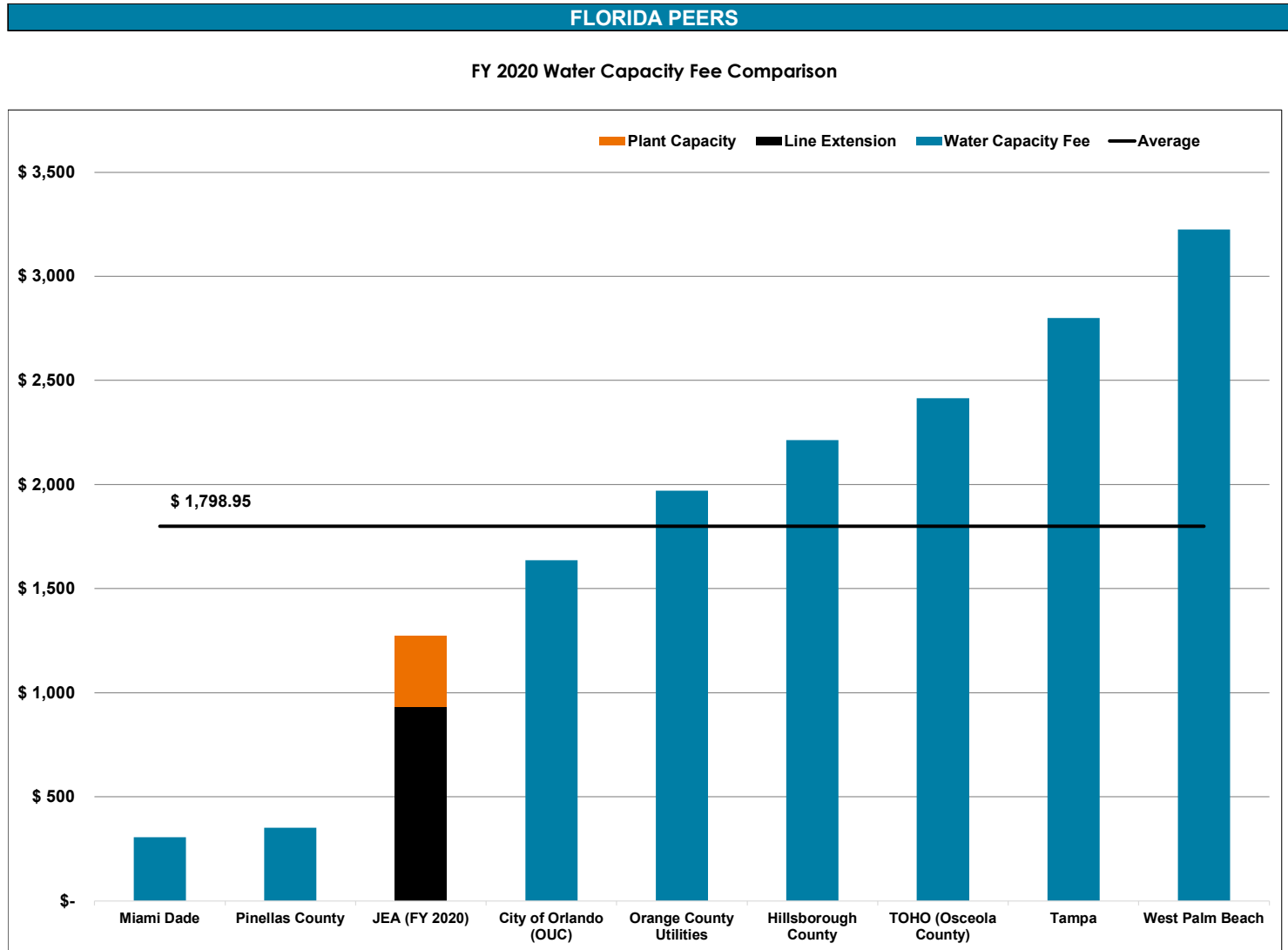




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

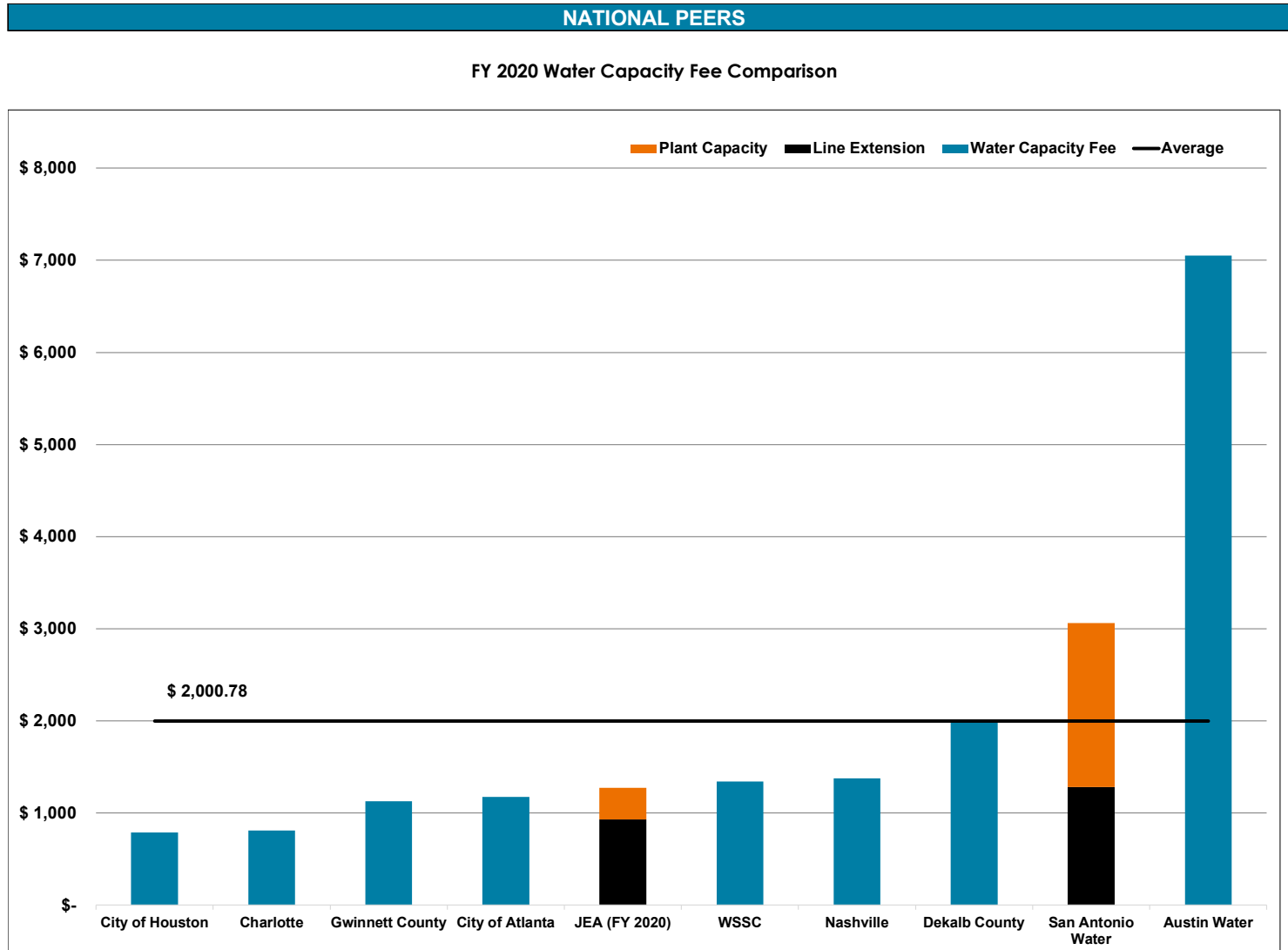




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

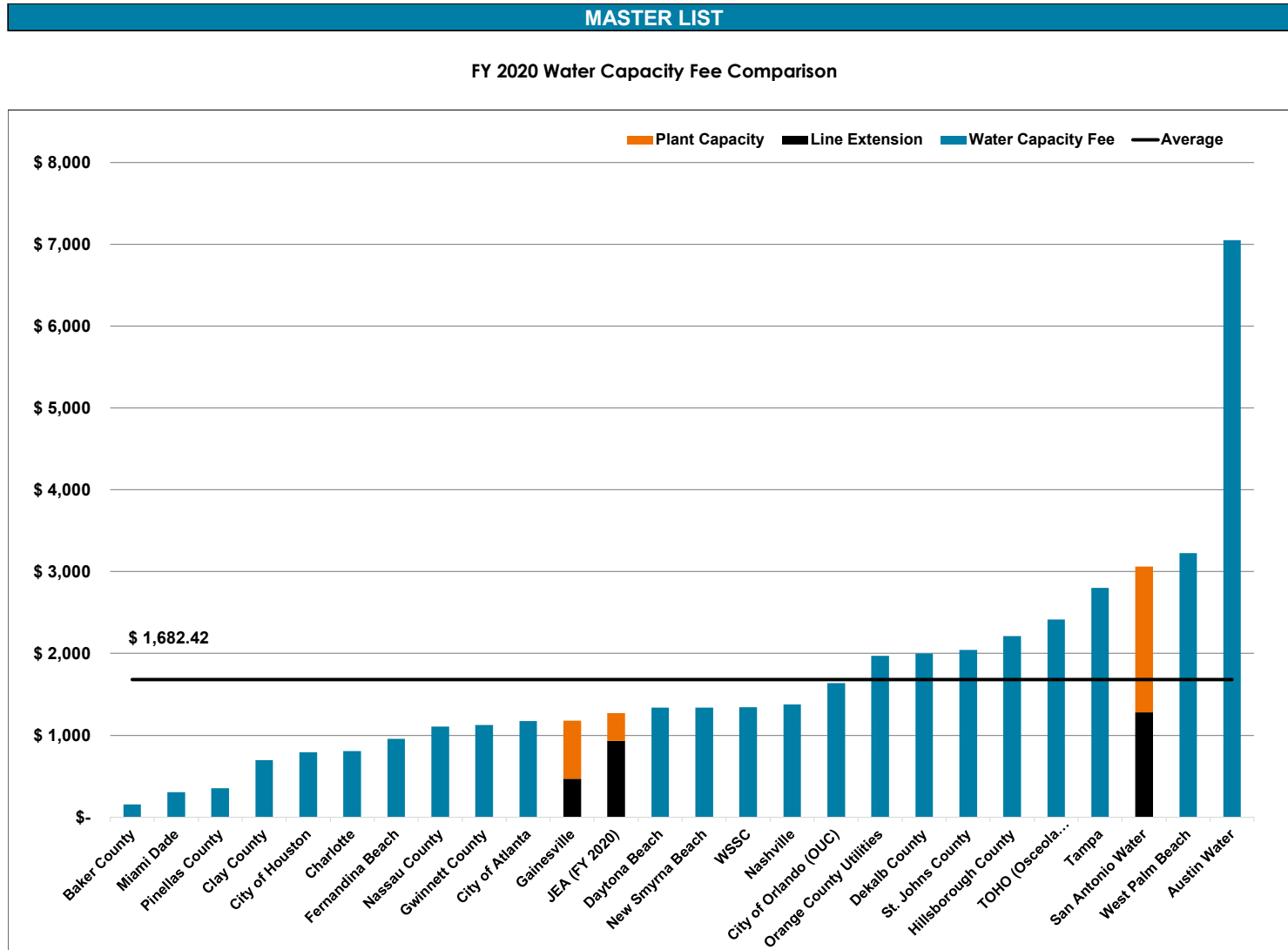




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

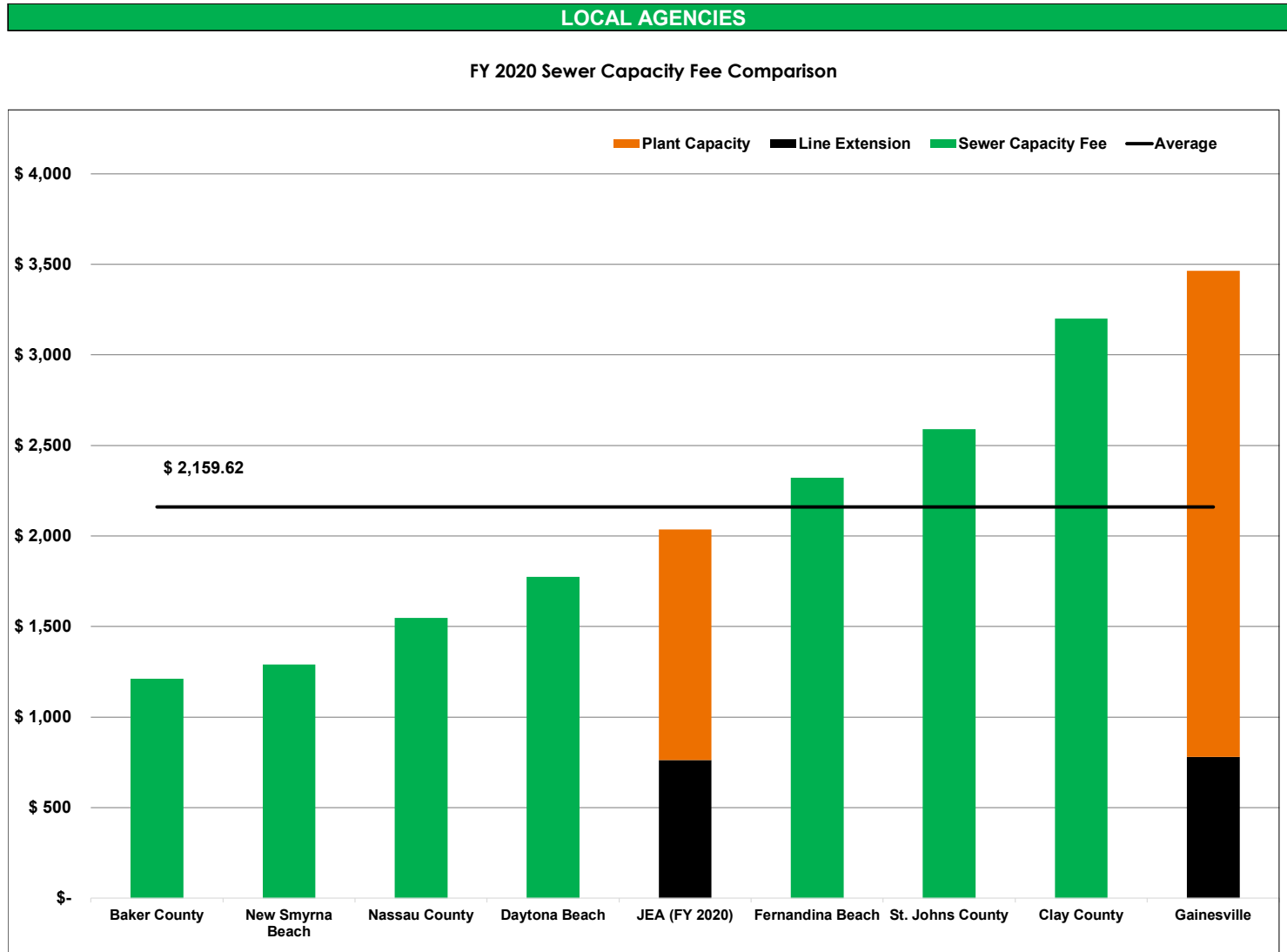




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

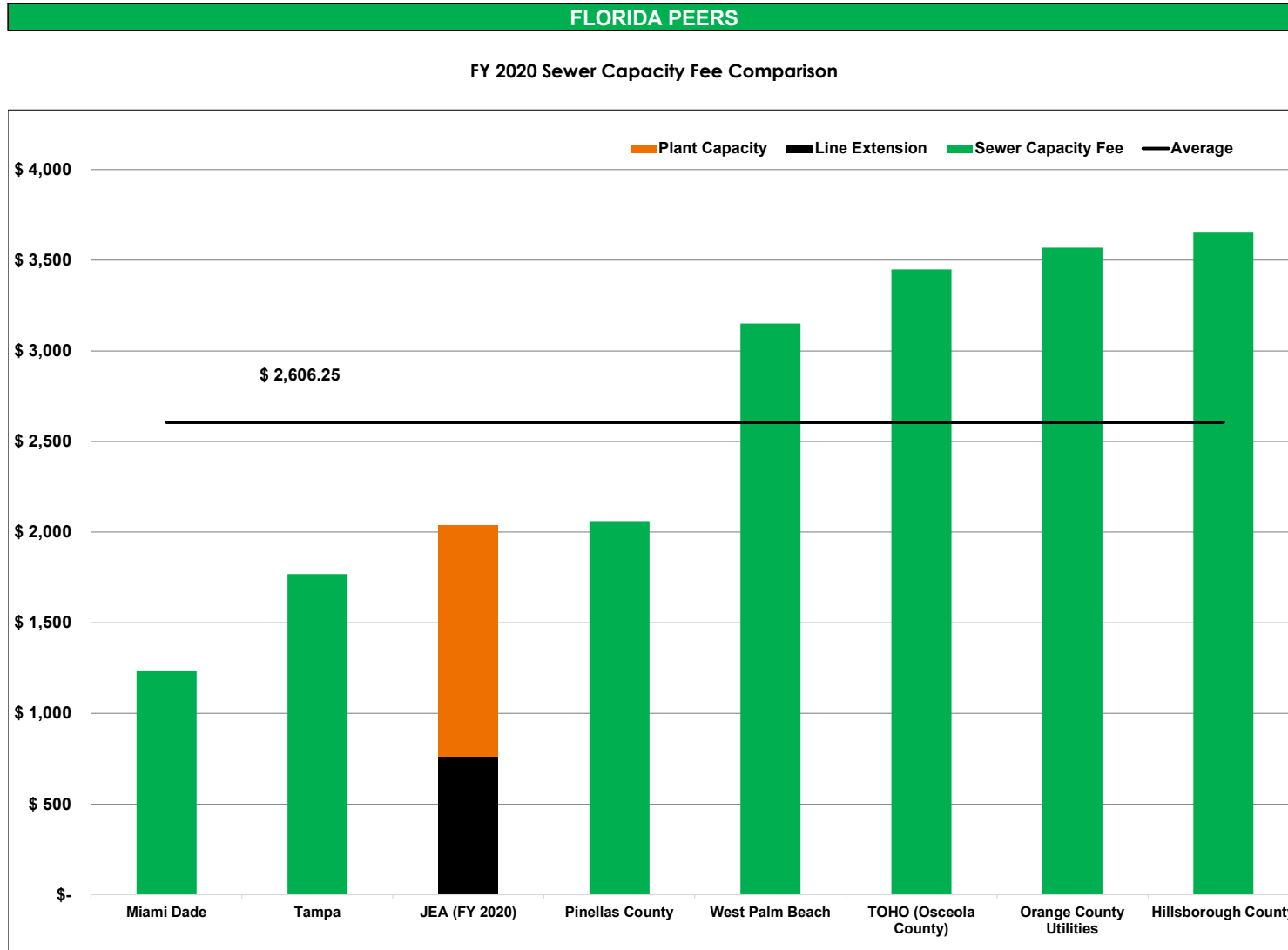




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

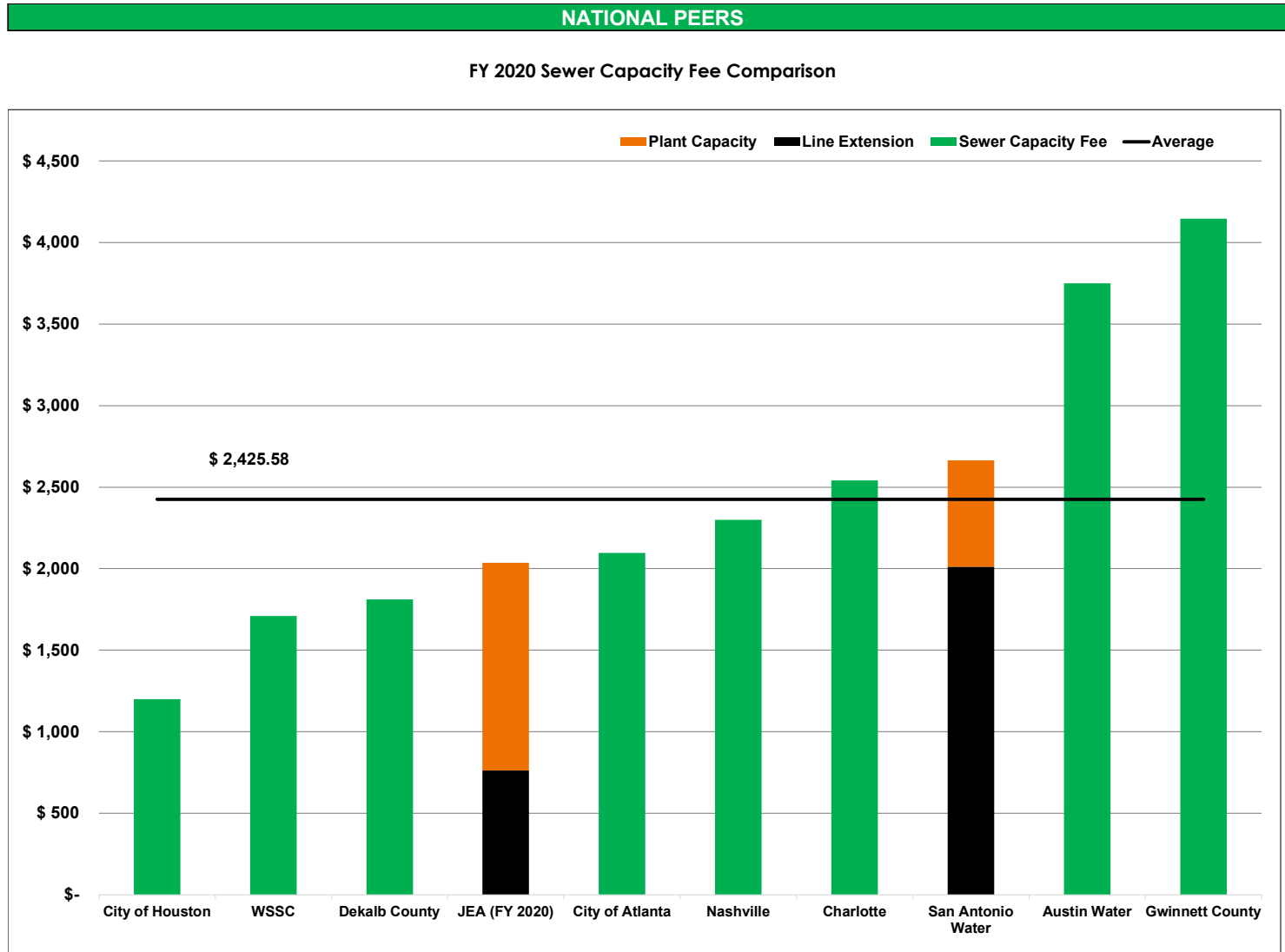




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

MASTER LIST

FY 2020 Sewer Capacity Fee Comparison

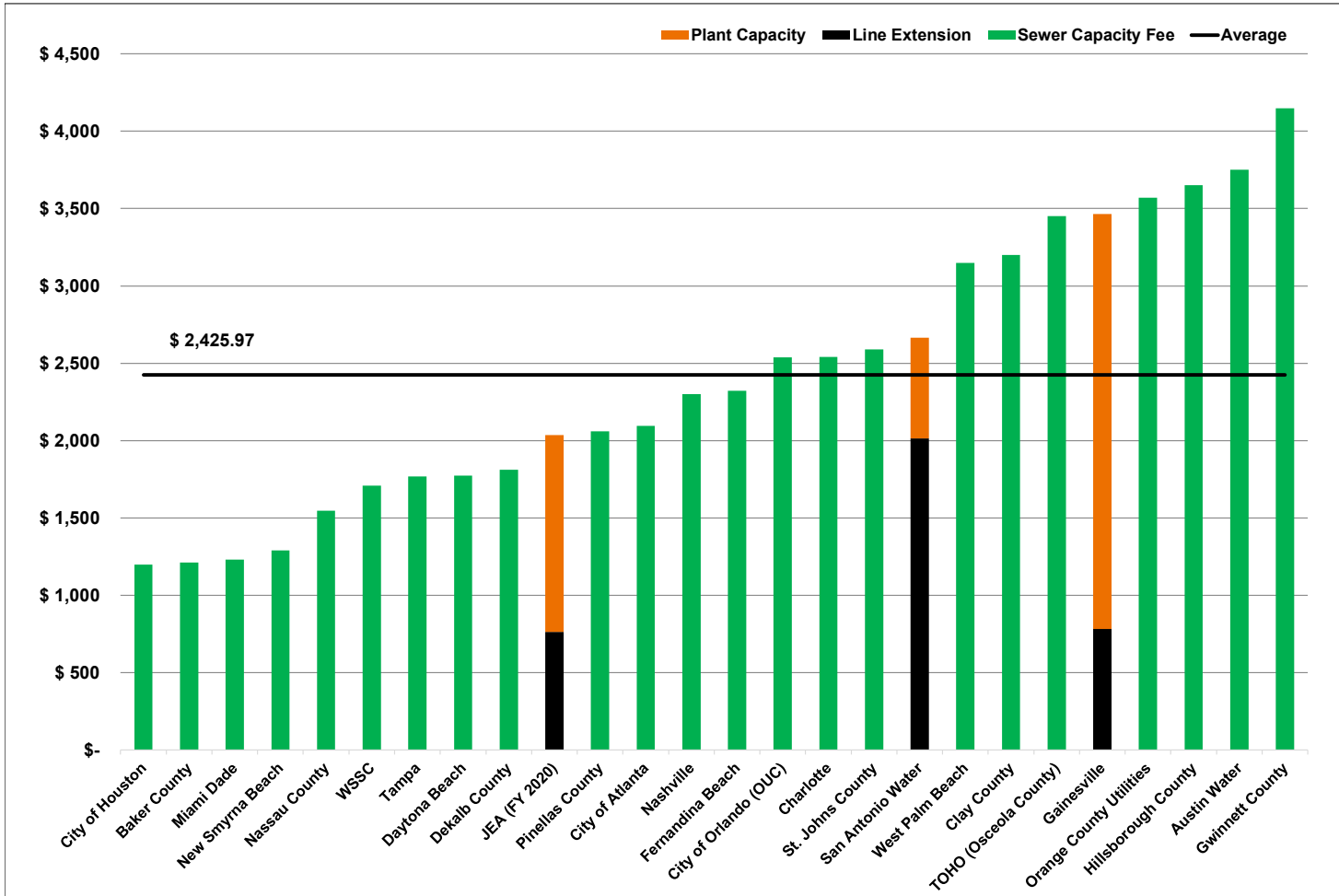




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

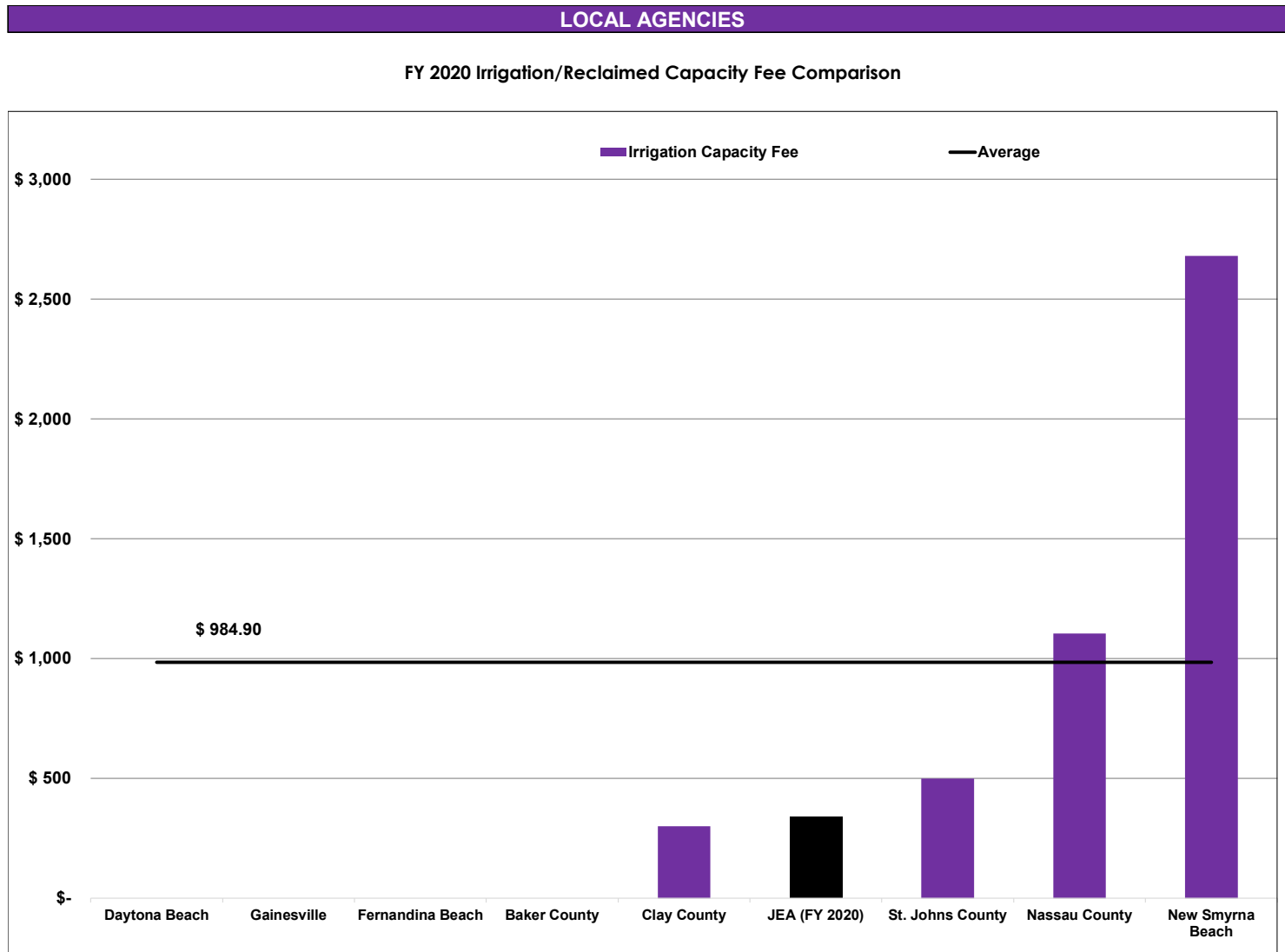




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

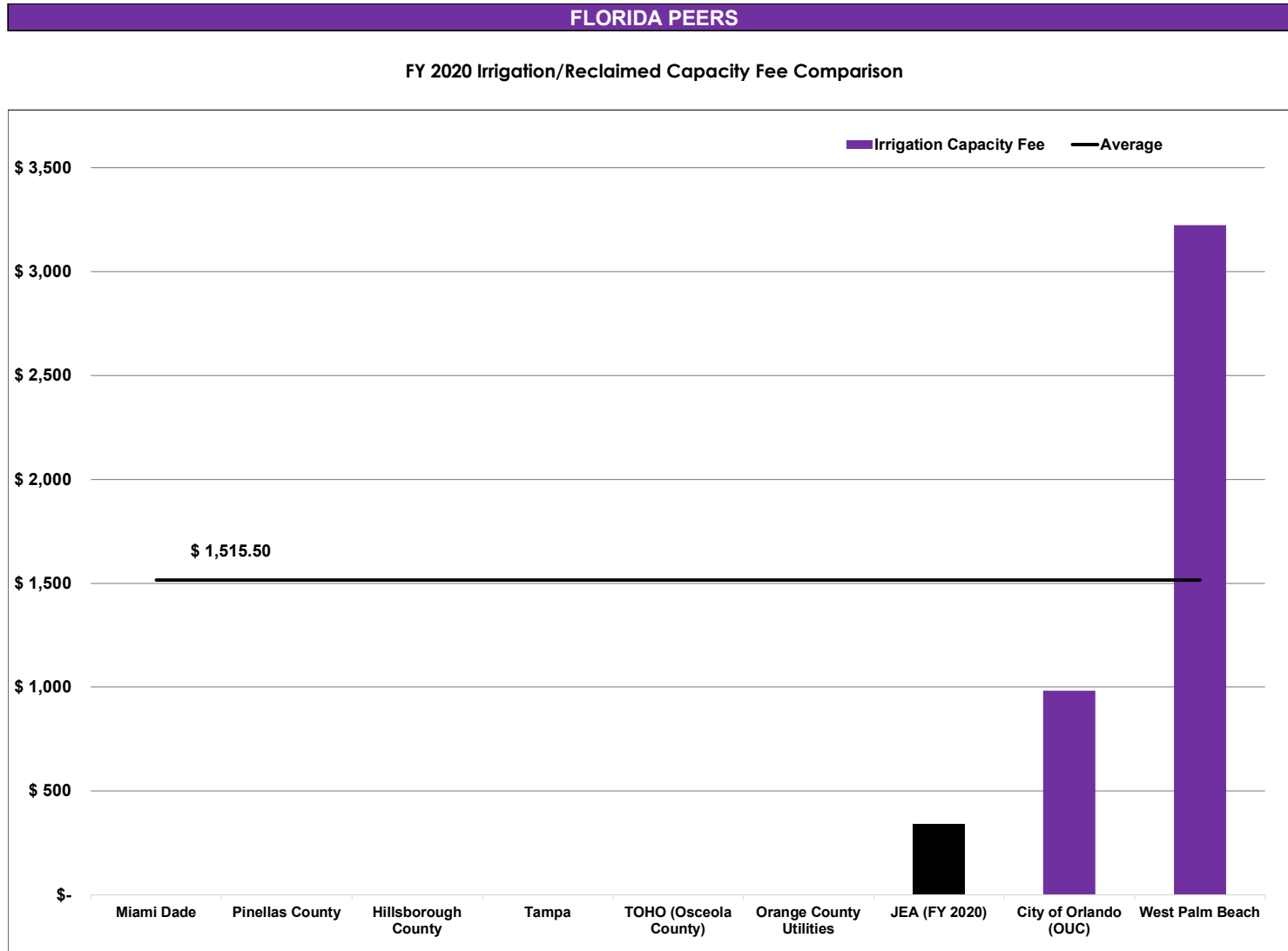




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

NATIONAL PEERS

FY 2020 Irrigation/Reclaimed Capacity Fee Comparison

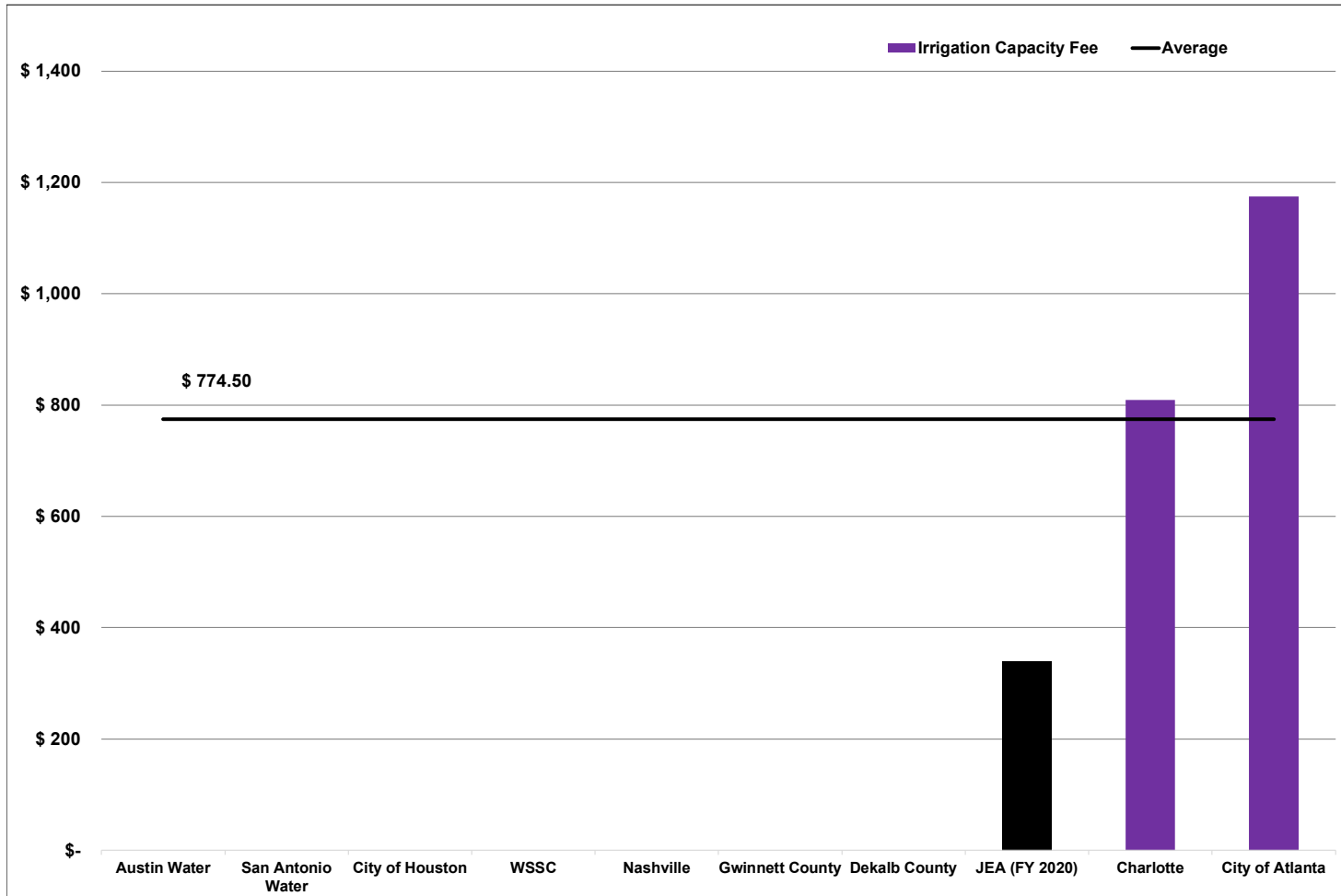




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

MASTER LIST

FY 2020 Irrigation/Reclaimed Capacity Fee Comparison

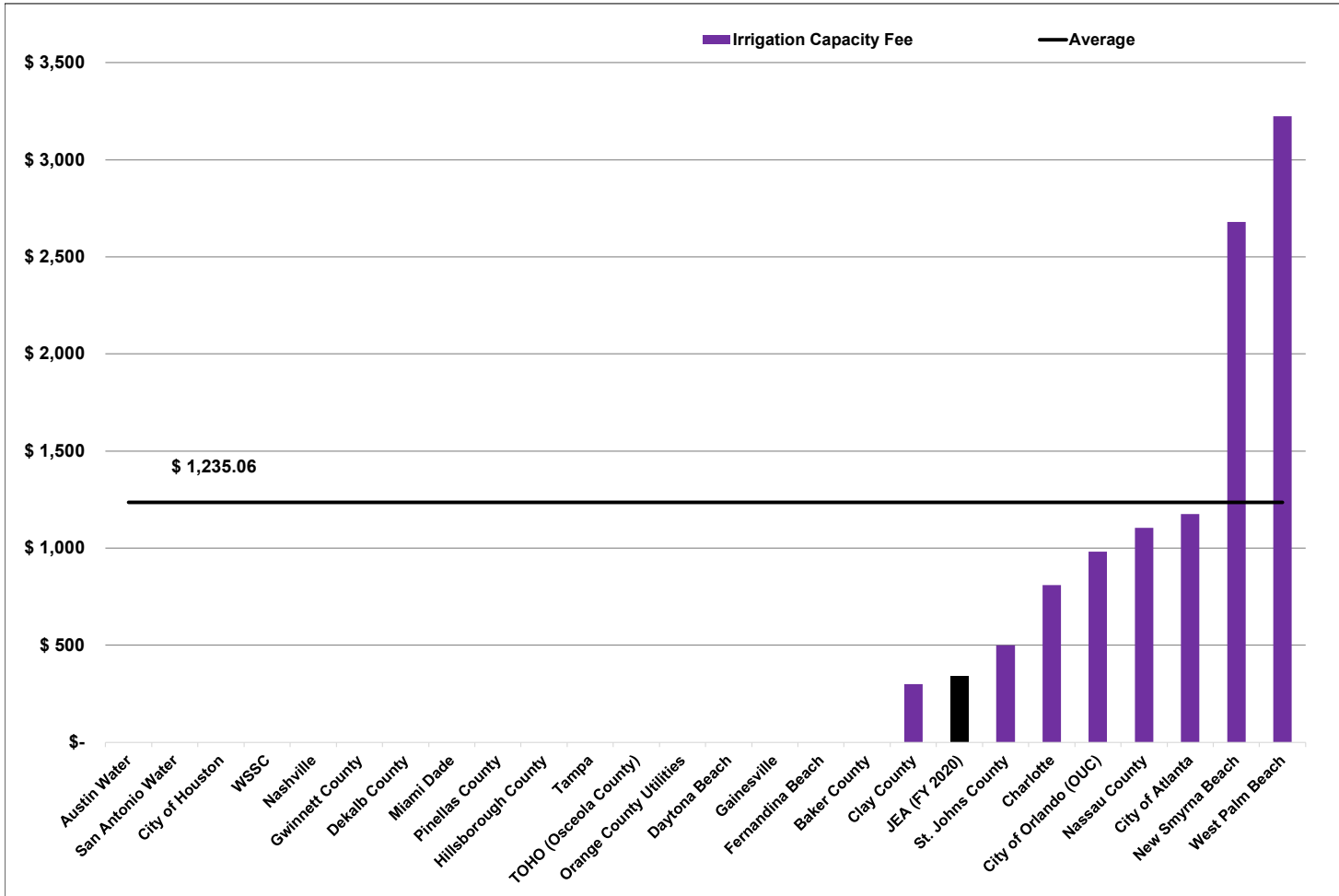




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

LOCAL AGENCIES

FY 2020 Water, Sewer, and Irrigation/Reclaimed Combined Capacity Fee Comparison

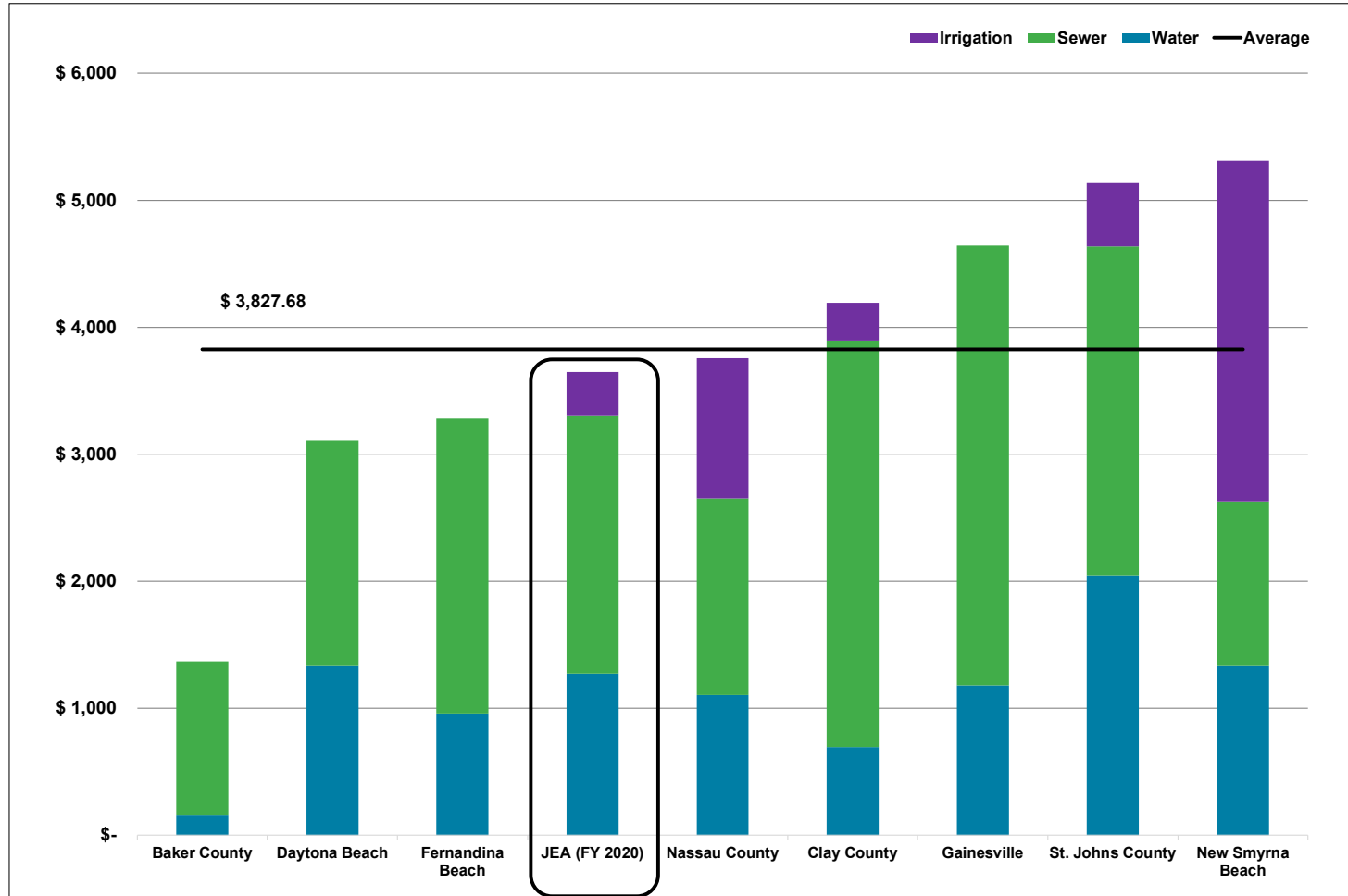




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

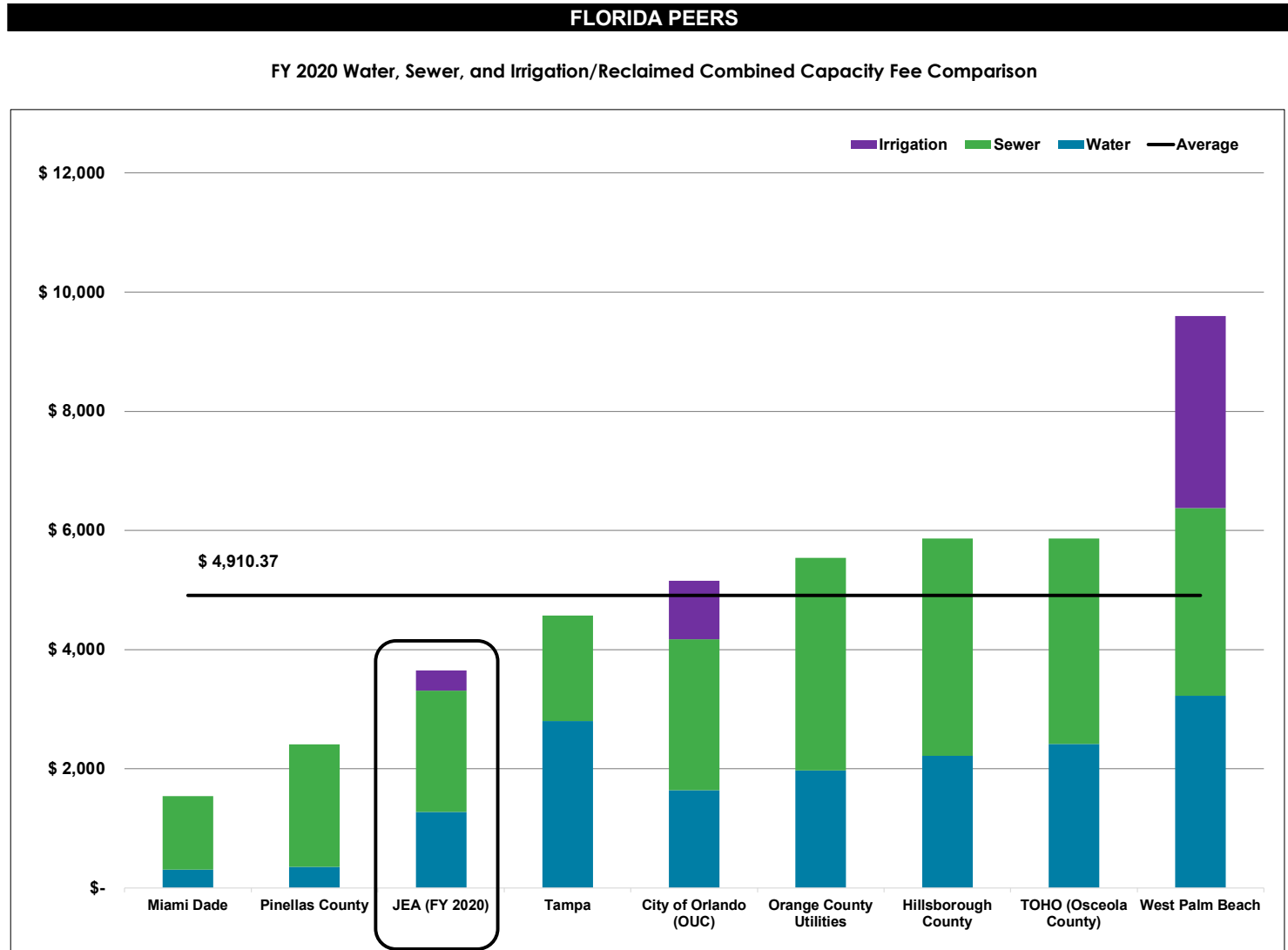




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

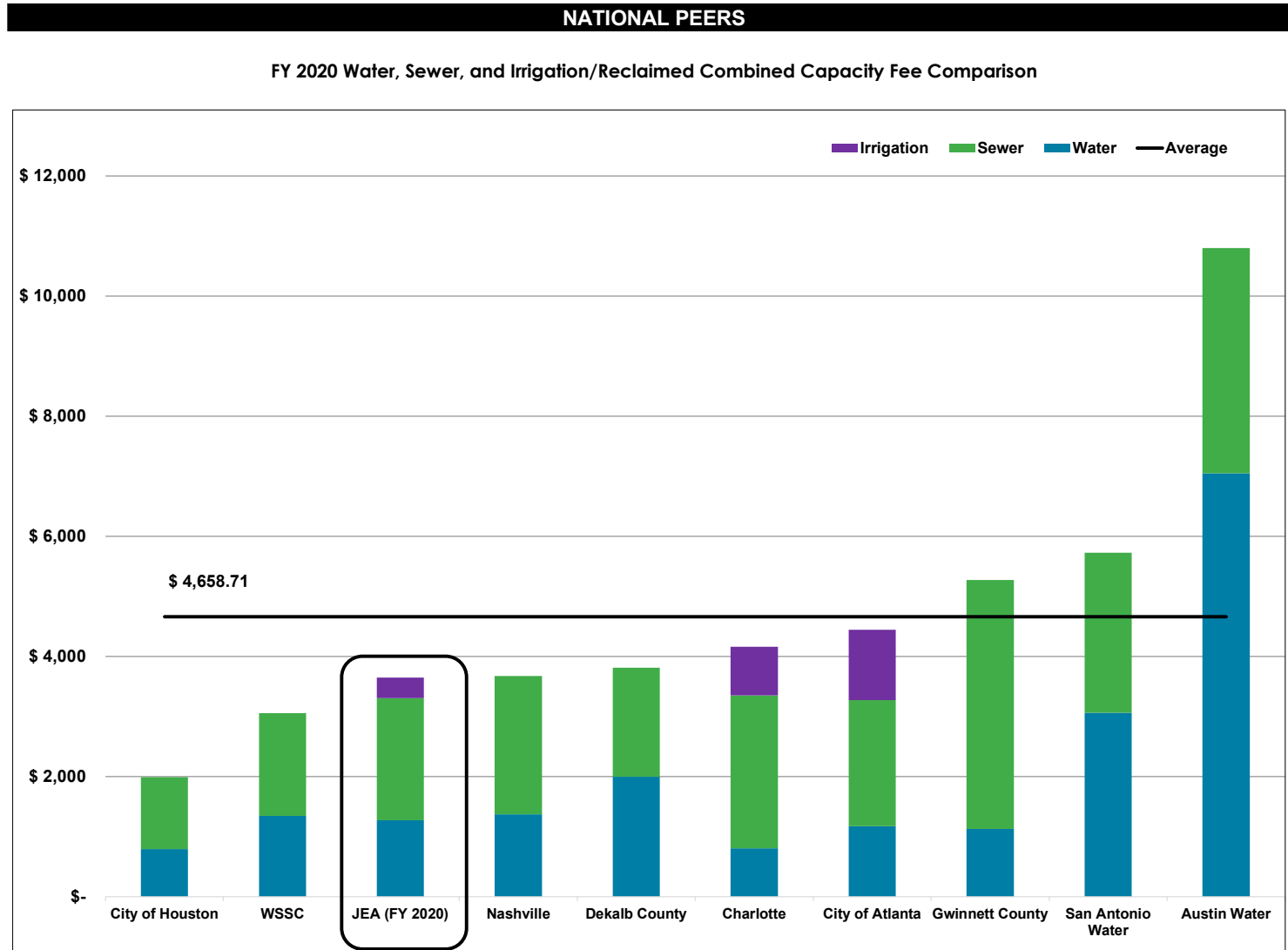
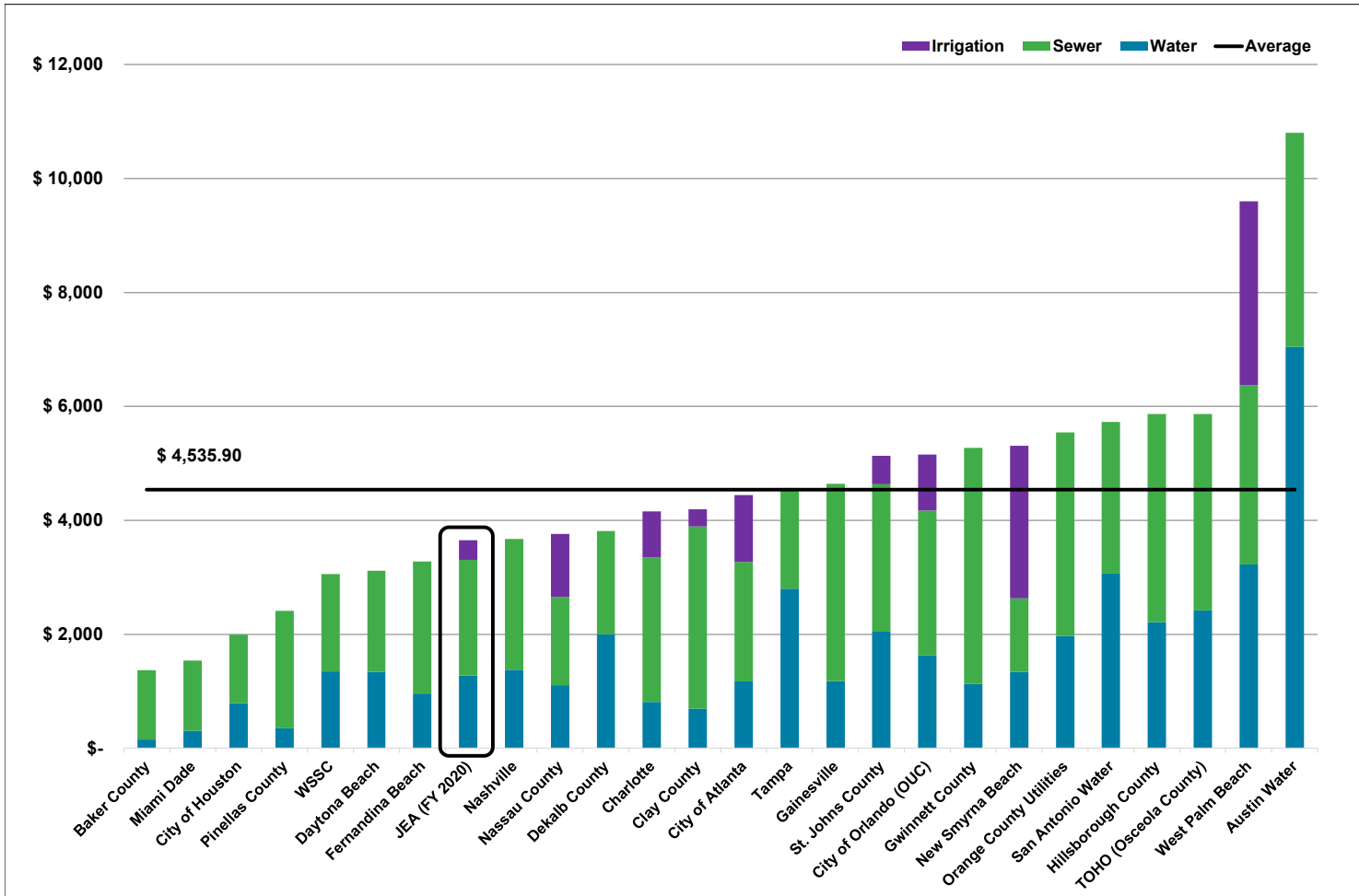




Figure 7 Water & Wastewater Capacity Fee Survey (Cont.)

MASTER LIST

FY 2020 Water, Sewer, and Irrigation/Reclaimed Combined Capacity Fee Comparison



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Policy Reviews

Delegation of Authority

Jody Brooks
Chief Administrative Officer



June22, 2021

DELEGATION OF AUTHORITY

MATTERS RESERVED FOR THE BOARD

- JEA matters that require the Jacksonville City Council's review and approval, including the JEA annual budget
- Establishment or alteration of rates, assessments, fees or charges for retail service
- Contracts, agreements or financial instruments that exceed fifty million dollars (\$50,000,000)
- Approval of and changes to an approved annual budget that exceed five million dollars (\$5,000,000)
- Settlement of litigation matters that exceed one hundred fifty thousand dollars (\$150,000)
- Annual financial disclosure documents for the Electric System, Water/Wastewater System, and District Energy System, and any other systems as may be established in the City Charter
- Managing Director and Chief Executive Officer ("MD/CEO") engagement, performance review and succession planning
- Implementation or changes to JEA voluntary giving programs
- Any other matters required by the JEA City Charter, including Article 21 (JEA), that cannot be so delegated
- All matters with the potential to have a material impact on the reputation of the organization





BOARD RESOLUTION: 2021-14
June 22, 2021

REVISED DELEGATION OF AUTHORITY AND RESPONSIBILITY POLICY

WHEREAS, pursuant to the JEA Charter and the JEA Board Policy Manual, the JEA Board of Directors (“Board”) may by resolution delegate to JEA employees the approval and signature authority necessary to conduct the day-to-day management and operation of JEA; and

WHEREAS, on March 7, 1977 the Board approved a Delegation of Authority Policy (“Delegation Policy”) that was last revised on May 3, 2013; and

WHEREAS, there is a need to update the Delegation Policy with current information and to clearly indicate matters that are reserved upon the Board; and

WHEREAS, a revised Delegation Policy has been prepared for consideration by the Board which is attached hereto and incorporated herein as Exhibit “A.”

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

1. The Board approves the revised Delegation Policy in the form attached and authorizes the Managing Director/Chief Executive Officer to sign and implement the revised policy.
2. The revised Delegation Policy shall be effective June 22, 2021.

Dated this 22nd day of June 2021.

JEA Board Chair

JEA Board Secretary

Form Approved by

Office of General Counsel

VOTE	
In Favor	
Opposed	
Abstained	



MANAGEMENT DIRECTIVE:

110

TITLE: ~~DELEGATION OF AUTHORITY AND SIGNATURE AUTHORIZATIONS~~ **RESPONSIBILITY POLICY**

ORIGINATION DATE: MARCH 7, 1977

REVISED: ~~MAY 3, 2013~~ **JUNE 22, 2021**

POLICY STATEMENT: ~~The titles Managing Director (MD) and Chief Executive Officer (CEO) are interchangeable relating to JEA Board delegation of authority in the JEA Purchasing Code, Appointed Pay Plan and per other approved Board items.~~

Consistent with the JEA Charter and the JEA Board Policy Manual, this Delegation of Authority and Responsibility Policy (“Delegation Policy”) as approved by the JEA Board of Directors (“Board”) is a policy that provides for the delegation to certain JEA employees the approval and signature authority necessary for the day-to-day management of the organization and specifically reserves certain matters that require Board review and approval. Any amendments to this Delegation Policy require Board action and approval.

~~The MD/CEO shall delegate to certain JEA employees the responsibility and authority to approve specific documents, as detailed within this MD. Further, the Chief Customer Officer (CCO), Chief Financial Officer (CFO), VP/GM Electric Systems, VP/GM Water Wastewater Systems, Chief Information Officer (CIO), Chief Public Affairs Officer (CPAO), Chief Compliance Officer and the Chief Human Resource Officer (CHRO) are designated as authorized signers for the documents for which he/she is the process owner when the MD/CEO is absent and in such cases where a delay in signing might adversely affect JEA and its daily operations.~~

ASSIGNMENT OF RESPONSIBILITY: It shall be the responsibility of the Chief ~~Human Resources~~ **Administrative** Officer to implement and maintain this policy.

MATTERS RESERVED FOR THE BOARD:

The following listed matters are reserved upon the Board and require specific action by the JEA Board for approval and signature authority and shall not be delegated:

- A. JEA matters that require the Jacksonville City Council’s review and approval, including the JEA annual budget;
- B. Establishment or alteration of rates, assessments, fees or charges for retail service;
- C. Contracts, agreements or financial instruments that exceed fifty million dollars (\$50,000,000);
- D. Approval of and changes to an approved annual budget that exceed five million dollars (\$5,000,000);
- E. Settlement of litigation matters that exceed one hundred fifty thousand dollars (\$150,000);
- F. Annual financial disclosure documents for the Electric System, Water/Wastewater System, District Energy System, and any other systems as may be established in the City Charter;

- G. Managing Director and Chief Executive Officer (“MD/CEO”) engagement, performance review and succession planning;
- H. Implementation or changes to JEA voluntary giving programs;
- I. Any other matters required by the City Charter, including Article 21 (JEA), that cannot be so delegated; and
- J. All matters with the potential to have a material impact on the reputation of the organization.

DELEGATION OF AUTHORITY GRANTED TO MD/CEO:

Unless otherwise reserved, the MD/CEO is delegated with the authority by the Board to approve and execute documents, contracts, agreements, organizational policies and procedures, and take all actions necessary in managing the day-to-day operations of JEA. The MD/CEO may delegate to certain JEA employees the responsibility and authority to approve specific documents within the limits and authority under this Delegation Policy. Further, each member of the JEA Leadership Team (“LT”) as designated by the MD/CEO, is designated as authorized signers for documents for which LT member is the process owner when the MD/CEO is absent or in such cases where a delay in signing might adversely affect JEA and its daily operations.

DOCUMENT LISTING DELEGATED AUTHORITY CATEGORIES:

In addition to the MD/CEO delegation above, the following categories of documents or matters have been duly delegated by the Board. The forms and documents currently in use and associated with this ~~MD~~ Delegation Policy are listed below. For items A through ~~M~~, any one of the listed positions may sign except as otherwise noted. Item ~~M-N~~ requires the signature of all the listed positions, except as otherwise noted. Electronic authorization is the equivalent of a signature.

- A. Employee Time Records**
Time records shall be approved at the managerial level or above, unless delegated by a Manager or Director to a team lead employee. The ~~Managing Director/Chief Executive Officer~~ MD/CEO and any Officer or Vice President may sign any time sheet.
- B. Certification of Payrolls (bi-weekly & semi-annually)**
Director - Employee Services (~~for all employees, bi-weekly~~).
- C. Procurement Documents**
Signature authorization for initiation of procurement actions shall be in accordance with the JEA ~~Purchasing Code, Article 12, Section 12-301(3)~~ Procurement Code.
Documents for initiation of procurement actions include, but are not limited to, requests for advertising, purchase requisitions, requests for award, requests for change orders, purchase orders, contracts and agreements.
- D. Payment Authorization for Contracts**
Appointed manager responsible for administering the applicable contract.
- E. Purchasing Card Statements (cardholder’s)**
Cardholder’s supervisory appointed employee.

F. **Check Requests:**

1. **Check requests for business promotion expenses** shall be in accordance with the provisions specified in JEA Procedures ~~OS A0000-181~~.
2. **Check requests for dues and memberships and professional license** shall be in accordance with the provisions specified in JEA Procedures ~~OS A0500-PS-520~~.
3. **Check requests for recruiting expenses and relocation** shall be in accordance with provisions specified in MD 119.
4. **Other Check requests**--Must meet requirements of ~~OS A0504-PS-AP 512~~established JEA Procedures.
Any supervisory appointed employee.

G. **Funds Authorization for JEA Contracts**
Controller

H. **Travel Authorization & Payment of Travel Expenses**—
Sshall be in accordance with provisions specified in MD 120 and Chapter 106, Part 7, City of Jacksonville, Ordinance Code.

I. **Initial Application for Educational Assistance**
Managers and above.

J. **Approval of Reimbursement amount (educational assistance)**
Director – Training & Workforce Development.

K. **Meal Allowance Summary and Voucher Requests**
Any supervisory appointed employee.

L. **ESRs (Employee Service Request) and Requests for Personnel Transactions**
Any supervisory appointed employee – Note: these are electronic forms and electronic authorization is the equivalent of a signature.

M. **Work Orders** shall be in accordance with Financial Services Work Order Request and Capital Funds Transfer – Contact Budget Services for additional information.

N. **Time Critical Items—Delegation to ~~Vice Presidents~~LT**

1. ~~Chief Officers and Vice Presidents/GMs-LT members~~ are designated as authorized signers for the documents for which he/she is the process owner when the MD/CEO is absent. This particularly concerns items where delay, due to the absence of the MD/CEO might adversely affect JEA and its daily operations.
2. If the document in question involves expenditures of more than \$10 million of JEA funds, the MD/CEO must be contacted for approval or disapproval before any action is taken, unless the ~~Chief Officer and Vice President~~LT member ~~has~~been obtained previously ~~authorized~~authorized, in writing, to approve/disapprove such documents.

3. The signature requestor will send an e-mail to the MD/CEO advising him of the item and action taken, including the name of the ~~Officer~~VPLT member to whom the item was referred for action.
4. The ~~Officer~~VPLT member will review the item and, using his/her discretion, has the option to either sign or decline to sign.
5. The ~~Officer~~VPLT member will send an e-mail notice of the action taken to the MD/CEO and the signature requestor.

SIGNED: /s/ Paul McElroy
Managing Director/Chief Executive Officer

~~**EFFECTIVE DATE:** May 3, 2013~~

Revisions: 6/22/21 – Approved by Resolution of the Board on June 22, 2021

5/3/13

3/12/08

12/13/04

11/03/04

6/06/03

10/1/01

Origination Date: March 7, 1977



INTER-OFFICE MEMORANDUM

June 15, 2021

SUBJECT: CORPORATE HEADQUARTERS UPDATE

FROM: Jay Stowe, Managing Director/CEO

TO: JEA Board of Directors

BACKGROUND:

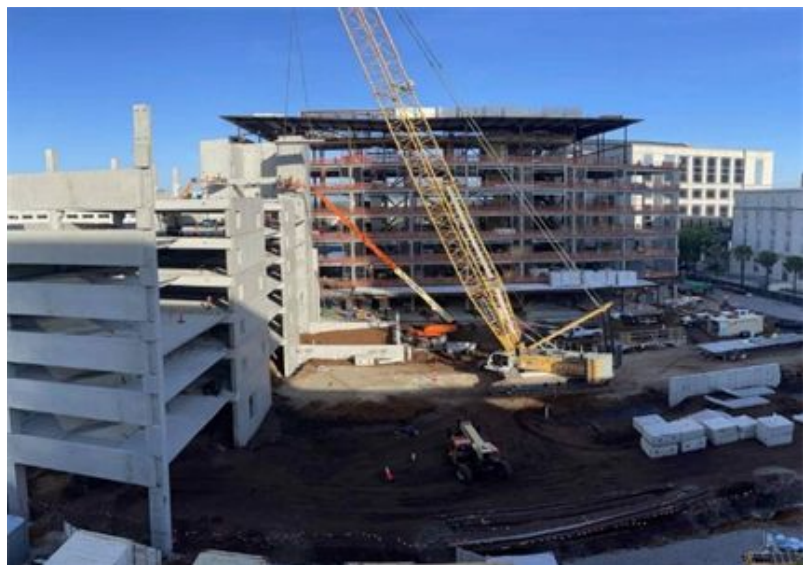
JEA has been planning for a new corporate headquarters (HQ) for several years to address business continuity risks while meeting our headquarters needs in a cost-effective manner. The Board approved a lease with Ryan Companies US, Inc. (Ryan) at its June 25, 2019 meeting and the lease was executed on July 9, 2019 after approval of the site purchase and sale agreement between Ryan and the City of Jacksonville. Reviews by the JEA Board and its Corporate Headquarters Committee in May 2020 resulted in approved changes to the scope of the HQ project including reducing two floors from the main building and the parking garage. A lease amendment reflecting the scope changes was executed on June 23, 2020. JEA executed lease amendment 3 on February 26, 2021 setting the guaranteed maximum price (GMP) for construction scope with Ryan Companies in line with the target budget established in the June 2020 lease amendment. The changes to the building size and scope support the recent decision to migrate to a flexible hybrid work model post Covid-19 restrictions.

DISCUSSION:

Significant progress continues on the office building construction. Exterior wall framing and installation of fire sprinklers, ductwork and plumbing and electrical rough-ins continue. Curtain wall window assembly is commencing for north and west elevations. The precast concrete garage is being constructed in sections from south to north. Detailed coordination continues on construction elements, utilities and design clarifications. RS&H is moving into schematic design for the interiors. Workstation and office furniture typical designs are in development with RS&H and a team of JEA employees.

View looking west toward building and parking garage construction

June 11th update



FINANCIAL IMPACT:

The proposed reassessment for downtown locations discussed in January may allow for better use of space in the long term and the possibility of short term financial savings.

RECOMMENDATION:

This is provided as information only.

Jay Stowe, Managing Director/CEO

JCS/LMD/NKV

June 2021

CORPORATE COMMUNICATIONS & COMMUNITY OUTREACH



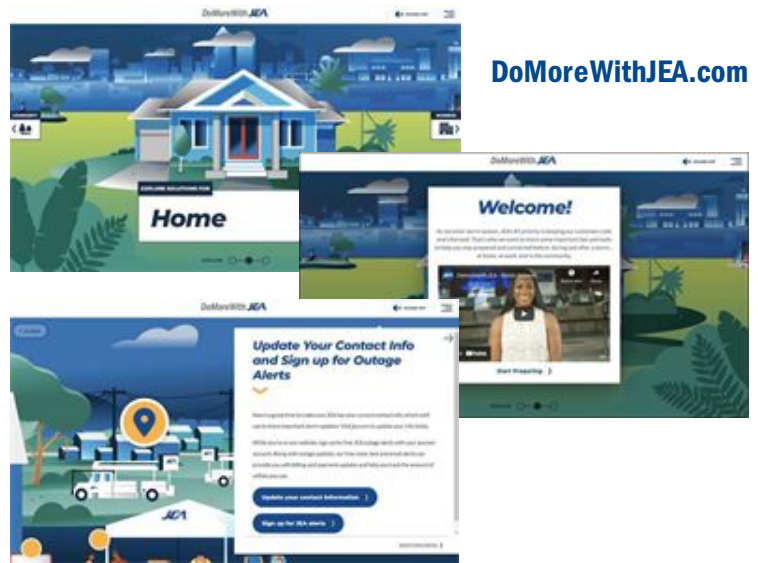
The Customer & Community Engagement Team develops engaging communications across a range of channels to educate our customers and community on JEA services and programs in order to help them save money, time and provide peace of mind.

ADVERTISING & SOCIAL MEDIA CAMPAIGNS • CUSTOMER COMMUNICATIONS • DIGITAL COMMUNICATIONS • VIDEOGRAPHY • COMMUNITY OUTREACH

TAKING DOMOREWITHJEA.COM TO THE NEXT LEVEL TO PREPARE OUR CUSTOMERS FOR STORM SEASON

As hurricane season began, JEA wanted to prepare customers for the season in a unique way. We've added to our DoMoreWithJEA.com microsite a special Gray Sky version, along with tips and information about how to prepare families, homes and businesses for dangerous storms. Information about Restoration 1-2-3, JEA's power restoration process is also found throughout the site.

The next-level site went live in tandem with the first day of hurricane season on June 1. To promote the microsite and other storm-related messages, we have updated our TV spots and billboards to encourage customers to visit DoMoreWithJEA.com, as well as to sign up for alerts and update contact information at jea.com. More messages and tools dedicated to customer education will run online and on the air through September.



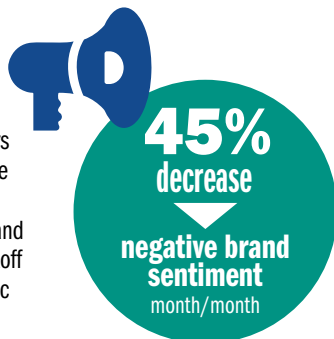
DoMoreWithJEA.com

SOCIAL MEDIA ENGAGEMENT

Our overall sentiment values increased in May, due to more overall mentions of JEA. During the month, **neutral mentions increased significantly, up to 61 percent.** This was due to customer comments and drawing entries to JEA's Facebook GreenEdge Giveaway, the subsequent notification of winners to that giveaway, and Plant Vogtle's most recent construction delays.

Brand Sentiment

Positive mentions included customers who were happy about the GreenEdge Giveaway on Facebook, Jay Stowe's #InfrastructureInvestigation tweets, and Greg Corcoran's tweet about the kickoff meeting for Beverly Hills (west) Septic Tank Phase Out Project.



VIDEO SPOTLIGHT

Making a Mark on the New JEA HQ:

A beam signed by JEA employees is placed in the new building as we march on to our new headquarters.

As JEA moves forward as an organization, the beam signing served as a symbolic gesture of the new building moving forward.



<https://www.youtube.com/watch?v=VQFk2Xn2CdE>

JEA 2020 WATER QUALITY REPORT

[Click here to view](#)

The JEA Water Quality Report, published annually by July 1, offers a comprehensive summary of the nearly 45,000 water tests conducted by JEA each year. The data in the Water Quality Report demonstrates that JEA's water supply and delivery grids provide an excellent source of high-quality and safe water. Every water customer within our service territory, which totals more than 307,000, receives the report and is privy to the facts and figures related to our community's pristine water supply.



MONTHLY CUSTOMER PAID IMPRESSIONS

MEDIA	IMPRESSIONS
Television/Cable	2,039,000
Radio	1,393,000
Out-of-Home	0
Online Display/Video	2,208,943
Paid Social	1,225,949
Online Paid Social	128,435
Print	6,000
TOTAL	7,001,327

Environmental Campaign

In May, we continued our multi-channel campaign targeting JEA's commitment to environmental preservation. Our environmental focus is important because keeping Northeast Florida environmentally healthy and sustainable is good business for JEA, but it's even better for those we serve within our community.



ENGAGING WITH OUR COMMUNITY

46

Volunteer Activities

182

Volunteer Hours

Community Outreach

JEA continues our commitment to the community through volunteer efforts, as we begin to blend more in-person activities while still maintaining virtual ones. Some of the events that both Ambassadors and Volunteers participated in over the past month include involvement with **Hope at Hand**, **Tiger Academy Career Day**, **Take Stock Meeting**, **Hollybrook Park Cleanup**, **Barnabas Drive-Thru Food Distribution** and the **Spring Home & Patio Show**.

38

Ambassador Activities

11

Ambassadors

AMBASSADOR OF THE MONTH



Antoine Bowden

Meter Specialist, Field Services

"I've worked with vice presidents, people from the water side of the business, call center representatives, engineers, and accountants," Antoine said. "Everyone was at these events for the same reason: to show the community that JEA is built on compassion. We're not just here because it's our job; we truly care about Jacksonville and our community."

VOLUNTEER OF THE MONTH



Aila Loyola

Laboratory Scientist, Springfield Laboratory

"It's very rewarding and fulfilling knowing that you've made someone happy or impacted their lives in a positive way as a volunteer. Even if you are hesitant to do it, just do it anyway. You'll be so glad you did!"

MEDIA HIGHLIGHTS

FLORIDATIMES UNION

JACKSONVILLE GAS TAX HIKE GIVES RIVERVIEW NEIGHBORHOOD ITS TURN FOR SEPTIC TANK PHASEOUTS

The city of Jacksonville will use the additional gas tax revenue to pay for projects that will free up property tax and sale tax dollars for other needs such as phasing out septic tanks.

WJCT

JEA AND JTA IN TALKS TO ELECTRIFY JACKSONVILLE'S BUS FLEET

Jacksonville's city-owned utility and its transportation agency are in talks that could lead to the electrification of the city's entire bus fleet.



Monthly Financial Statements

May 2021

Monthly Financial Statements

May 2021

Index

	Page
Statements of Net Position - Assets and Deferred Outflows of Resources	2
Statements of Net Position - Liabilities, Deferred Inflows of Resources, and Net Position	3
Statements of Revenues, Expenses and Changes in Net Position	4
Statement of Cash Flow	5
Combining Statement of Net Position - Assets and Deferred Outflows of Resources Current Year	6
Combining Statement of Net Position - Liabilities, Deferred Inflows of Resources, and Net Position Current Year	7
Combining Statement of Net Position - Assets and Deferred Outflows of Resources Prior Year	8
Combining Statement of Net Position - Liabilities, Deferred Inflows of Resources, and Net Position Prior Year	9
Combining Statements of Revenues, Expenses, and Changes in Net Position - Current Month	10
Combining Statements of Revenues, Expenses, and Changes in Net Position - Prior Month	11
Combining Statements of Revenues, Expenses, and Changes in Net Position - Current Year-to-Date	12
Combining Statements of Revenues, Expenses, and Changes in Net Position - Prior Year-to-Date	13
Combining Statements of Cash Flow - Current Year	14
Combining Statements of Cash Flow - Prior Year	15
Debt Service Coverage	16
Operating Statistics - Electric System	17
Operating Statistics - Water and Sewer	18
<hr/>	
<u>Appendix</u>	
Schedules of Cash and Investments	19
Investment Portfolio - All Funds	20
Schedule of Outstanding Indebtedness	21
Interest Rate Swap Position Report	22
Production Statistics - Electric System	23
Electric Revenues and Expenses for the Month - Budget versus Actual	25
Electric Revenues and Expenses Year-to-Date - Budget versus Actual	26
Water and Sewer Revenues and Expenses - Budget versus Actual	27
District Energy System - Budget versus Actual	28

JEA
Statements of Net Position
(in thousands)

Page 2

	May 2021	September 2020
	(unaudited)	
Assets		
Current assets:		
Cash and cash equivalents	\$ 375,617	\$ 387,148
Investments	15,703	3,107
Customer accounts receivable, net of allowance (\$3,813 and \$3,864, respectively)	201,816	219,814
Inventories:		
Materials and supplies	58,710	61,663
Fuel	37,744	37,822
Other current assets	12,154	16,364
Total current assets	<u>701,744</u>	<u>725,918</u>
Noncurrent assets:		
Restricted assets:		
Cash and cash equivalents	172,721	253,984
Investments	322,316	311,130
Accounts and interest receivable	1,078	1,071
Total restricted assets	<u>496,115</u>	<u>566,185</u>
Costs to be recovered from future revenues	831,566	852,314
Other assets	53,307	32,221
Total noncurrent assets	<u>1,380,988</u>	<u>1,450,720</u>
Capital assets:		
Land and easements	217,490	216,918
Plant in service	12,400,340	12,124,453
Less accumulated depreciation	<u>(7,405,178)</u>	<u>(7,161,707)</u>
Plant in service, net	5,212,652	5,179,664
Construction work in progress	245,768	331,511
Net capital assets	<u>5,458,420</u>	<u>5,511,175</u>
Total assets	<u>7,541,152</u>	<u>7,687,813</u>
Deferred outflows of resources		
Accumulated decrease in fair value of hedging derivatives	125,658	179,286
Unrealized pension contributions and losses	143,881	143,881
Unamortized deferred losses on refundings	94,770	100,314
Unrealized asset retirement obligations	34,741	35,241
Unrealized OPEB contributions and losses	9,406	9,406
Total deferred outflows of resources	<u>408,456</u>	<u>468,128</u>
Total assets and deferred outflows of resources	<u>\$ 7,949,608</u>	<u>\$ 8,155,941</u>

JEA
Statements of Net Position
(in thousands)

Page 3

	May 2021		September 2020
	(unaudited)		
Liabilities			
Current liabilities:			
Customer deposits and prepayments	\$ 77,691	\$	71,304
Accounts and accrued expenses payable	65,865		66,622
Billings on behalf of state and local governments	22,347		26,005
Compensation and benefits payable	10,577		14,599
City of Jacksonville payable	10,211		10,255
Asset retirement obligations	2,746		4,136
Total current liabilities	189,437		192,921
Current liabilities payable from restricted assets:			
Debt due within one year	91,535		102,700
Interest payable	19,377		52,856
Construction contracts and accounts payable	17,034		46,977
Renewal and replacement reserve	35,290		37,910
Total current liabilities payable from restricted assets	163,236		240,443
Noncurrent liabilities:			
Net pension liability	641,086		641,086
Asset retirement obligations	31,995		31,105
Compensation and benefits payable	32,586		31,342
Net OPEB liability	10,582		10,091
Other liabilities	18,895		20,556
Total noncurrent liabilities	735,144		734,180
Long-term debt:			
Debt payable, less current portion	2,953,665		3,154,590
Unamortized premium, net	159,364		174,205
Fair value of debt management strategy instruments	125,176		177,288
Total long-term debt	3,238,205		3,506,083
Total liabilities	4,326,022		4,673,627
Deferred inflows of resources			
Revenues to be used for future costs	195,559		206,782
Unrealized pension gains	24,304		24,304
Unrealized OPEB gains	15,294		15,294
Accumulated increase in fair value of hedging derivatives	24,208		11,944
Total deferred inflows of resources	259,365		258,324
Net position			
Net investment in capital assets	2,711,074		2,532,627
Restricted for:			
Capital projects	215,946		204,855
Debt service	59,980		101,558
Other purposes	45,319		48,617
Unrestricted	331,902		336,333
Total net position	3,364,221		3,223,990
Total liabilities, deferred inflows of resources, and net position	\$ 7,949,608	\$	8,155,941

JEA

Page 4

Statements of Revenues, Expenses, and Changes in Net Position
(in thousands - unaudited)

	Month		Year-to-Date	
	2021	2020	2021	2020
Operating revenues				
Electric - base	\$ 73,272	\$ 68,868	\$ 531,569	\$ 543,359
Electric - fuel and purchased power	36,131	26,395	241,879	203,410
Water and sewer	43,950	42,611	297,224	316,459
District energy system	614	647	4,683	5,040
Other operating revenues	3,037	1,828	25,061	24,119
Total operating revenues	157,004	140,349	1,100,416	1,092,387
Operating expenses				
Operations and maintenance:				
Maintenance and other operating expenses	29,075	32,033	241,967	269,117
Fuel	29,064	23,633	216,570	176,097
Purchased power	10,809	6,294	62,620	53,201
Depreciation	32,259	30,052	260,756	242,759
State utility and franchise taxes	5,388	4,294	44,607	43,008
Recognition of deferred costs and revenues, net	2,914	2,444	18,026	19,900
Total operating expenses	109,509	98,750	844,546	804,082
Operating income	47,495	41,599	255,870	288,305
Nonoperating revenues (expenses)				
Interest on debt	(9,556)	(10,505)	(81,573)	(95,748)
Investment income	462	1,048	1,973	11,129
Allowance for funds used during construction	799	1,700	5,363	14,060
Other nonoperating income, net	565	570	4,565	4,906
Earnings from The Energy Authority	287	827	9,054	1,325
Other interest, net	(8)	(14)	8	721
Total nonoperating expenses, net	(7,451)	(6,374)	(60,610)	(63,607)
Income before contributions	40,044	35,225	195,260	224,698
Contributions (to) from				
General Fund, City of Jacksonville, Florida	(10,001)	(9,902)	(80,008)	(79,216)
Developers and other	9,576	10,500	58,420	66,269
Reduction of plant cost through contributions	(6,774)	(7,952)	(33,441)	(44,941)
Total contributions, net	(7,199)	(7,354)	(55,029)	(57,888)
Change in net position	32,845	27,871	140,231	166,810
Net position, beginning of period	3,331,376	3,091,672	3,223,990	2,952,733
Net position, end of period	\$ 3,364,221	\$ 3,119,543	\$ 3,364,221	\$ 3,119,543

JEA

Page 5

Statement of Cash Flows
(in thousands - unaudited)

	Year-to-Date	
	May	
	2021	2020
Operating activities		
Receipts from customers	\$ 1,087,652	\$ 1,055,496
Payments to suppliers	(404,903)	(394,192)
Payments for salaries and benefits	(166,178)	(183,897)
Other operating activities	26,274	27,005
Net cash provided by operating activities	542,845	504,412
Noncapital and related financing activities		
Contribution to General Fund, City of Jacksonville, Florida	(79,909)	(79,118)
Net cash used in noncapital and related financing activities	(79,909)	(79,118)
Capital and related financing activities		
Defeasance of debt	(104,390)	(93,495)
Acquisition and construction of capital assets	(231,314)	(274,126)
Repayment of debt principal	(102,700)	(192,555)
Interest paid on debt	(121,630)	(139,238)
Capital contributions	24,979	21,329
Revolving credit agreement repayments	(5,000)	-
Other capital financing activities	5,551	(5,223)
Net cash used in capital and related financing activities	(534,504)	(683,308)
Investing activities		
Purchase of investments	(197,567)	(195,948)
Proceeds from sale and maturity of investments	171,432	176,416
Investment income	4,108	9,106
Distributions from The Energy Authority	801	718
Net cash used in investing activities	(21,226)	(9,708)
Net change in cash and cash equivalents	(92,794)	(267,722)
Cash and cash equivalents at beginning of year	641,132	680,222
Cash and cash equivalents at end of period	\$ 548,338	\$ 412,500
Reconciliation of operating income to net cash provided by operating activities		
Operating income	\$ 255,870	\$ 288,305
Adjustments:		
Depreciation and amortization	261,502	243,541
Recognition of deferred costs and revenues, net	18,026	19,900
Other nonoperating income, net	51	341
Changes in noncash assets and noncash liabilities:		
Accounts receivable	17,998	32,493
Inventories	3,031	(12,073)
Other assets	1,738	1,893
Accounts and accrued expenses payable	(3,465)	(14,579)
Current liabilities payable from restricted assets	(3,344)	(4,702)
Other noncurrent liabilities and deferred inflows	(8,562)	(50,707)
Net cash provided by operating activities	\$ 542,845	\$ 504,412
Noncash activity		
Contribution of capital assets from developers	\$ 33,441	\$ 44,941
Unrealized investment fair market value changes, net	\$ (2,355)	\$ 2,050

JEA
Combining Statement of Net Position
(in thousands - unaudited) May 2021

Page 6

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JEA
Assets							
Current assets:							
Cash and cash equivalents	\$ 257,142	\$ 51,306	\$ -	\$ 308,448	65,956	\$ 1,213	\$ 375,617
Investments	11,554	4,149	-	15,703	-	-	15,703
Customer accounts receivable, net of allowance (\$3,813)	142,989	-	-	142,989	58,548	279	201,816
Inventories:							
Materials and supplies	2,365	-	-	2,365	56,345	-	58,710
Fuel	37,744	-	-	37,744	-	-	37,744
Other current assets	11,706	3,515	(7,740)	7,481	4,673	-	12,154
Total current assets	463,500	58,970	(7,740)	514,730	185,522	1,492	701,744
Noncurrent assets:							
Restricted assets:							
Cash and cash equivalents	68	77,861	-	77,929	91,802	2,990	172,721
Investments	215,481	9,696	-	225,177	97,139	-	322,316
Accounts and interest receivable	1,053	18	-	1,071	7	-	1,078
Total restricted assets	216,602	87,575	-	304,177	188,948	2,990	496,115
Costs to be recovered from future revenues	343,082	224,827	-	567,909	263,627	30	831,566
Other assets	52,109	4,915	(4,765)	52,259	1,034	14	53,307
Total noncurrent assets	611,793	317,317	(4,765)	924,345	453,609	3,034	1,380,988
Capital assets:							
Land and easements	123,748	6,660	-	130,408	84,031	3,051	217,490
Plant in service	6,000,090	1,316,043	-	7,316,133	5,023,458	60,749	12,400,340
Less accumulated depreciation	(3,575,460)	(1,313,652)	-	(4,889,112)	(2,485,105)	(30,961)	(7,405,178)
Plant in service, net	2,548,378	9,051	-	2,557,429	2,622,384	32,839	5,212,652
Construction work in progress	83,721	-	-	83,721	161,650	397	245,768
Net capital assets	2,632,099	9,051	-	2,641,150	2,784,034	33,236	5,458,420
Total assets	3,707,392	385,338	(12,505)	4,080,225	3,423,165	37,762	7,541,152
Deferred outflows of resources							
Accumulated decrease in fair value of hedging derivatives	100,594	-	-	100,594	25,064	-	125,658
Unrealized pension contributions and losses	74,505	17,601	-	92,106	51,775	-	143,881
Unamortized deferred losses on refundings	52,799	3,166	-	55,965	38,644	161	94,770
Unrealized asset retirement obligations	34,124	617	-	34,741	-	-	34,741
Unrealized OPEB contributions and losses	5,549	-	-	5,549	3,857	-	9,406
Total deferred outflows of resources	267,571	21,384	-	288,955	119,340	161	408,456
Total assets and deferred outflows of resources	\$ 3,974,963	\$ 406,722	\$ (12,505)	\$ 4,369,180	\$ 3,542,505	\$ 37,923	\$ 7,949,608

JEA

Page 7

**Combining Statement of Net Position
(in thousands - unaudited) May 2021**

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JEA
Liabilities							
Current liabilities:							
Customer deposits and prepayments	\$ 60,287	\$ -	\$ -	\$ 60,287	\$ 17,404	\$ -	\$ 77,691
Accounts and accrued expenses payable	58,929	3,804	(3,523)	59,210	6,630	25	65,865
Billings on behalf of state and local governments	18,338	-	-	18,338	4,009	-	22,347
Compensation and benefits payable	7,945	-	-	7,945	2,607	25	10,577
City of Jacksonville payable	7,992	-	-	7,992	2,219	-	10,211
Asset retirement obligations	2,129	617	-	2,746	-	-	2,746
Total current liabilities	155,620	4,421	(3,523)	156,518	32,869	50	189,437
Current liabilities payable from restricted assets:							
Debt due within one year	66,220	14,175	-	80,395	9,370	1,770	91,535
Interest payable	9,497	1,649	-	11,146	8,022	209	19,377
Construction contracts and accounts payable	3,765	4,851	(4,217)	4,399	12,561	74	17,034
Renewal and replacement reserve	-	35,290	-	35,290	-	-	35,290
Total current liabilities payable from restricted assets	79,482	55,965	(4,217)	131,230	29,953	2,053	163,236
Noncurrent liabilities:							
Net pension liability	373,642	7,794	-	381,436	259,650	-	641,086
Asset retirement obligations	31,995	-	-	31,995	-	-	31,995
Compensation and benefits payable	23,312	-	-	23,312	9,202	72	32,586
Net OPEB liability	6,238	-	-	6,238	4,344	-	10,582
Other liabilities	18,895	4,765	(4,765)	18,895	-	-	18,895
Total noncurrent liabilities	454,082	12,559	(4,765)	461,876	273,196	72	735,144
Long-term debt:							
Debt payable, less current portion	1,459,240	237,590	-	1,696,830	1,227,195	29,640	2,953,665
Unamortized premium (discount), net	87,682	482	-	88,164	71,221	(21)	159,364
Fair value of debt management strategy instruments	100,112	-	-	100,112	25,064	-	125,176
Total long-term debt	1,647,034	238,072	-	1,885,106	1,323,480	29,619	3,238,205
Total liabilities	2,336,218	311,017	(12,505)	2,634,730	1,659,498	31,794	4,326,022
Deferred inflows of resources							
Revenues to be used for future costs	158,953	5,821	-	164,774	30,785	-	195,559
Unrealized pension gains	11,988	3,986	-	15,974	8,330	-	24,304
Unrealized OPEB gains	9,023	-	-	9,023	6,271	-	15,294
Accumulated increase in fair value of hedging derivatives	24,208	-	-	24,208	-	-	24,208
Total deferred inflows of resources	204,172	9,807	-	213,979	45,386	-	259,365
Net position							
Net investment in (divestment of) capital assets	1,117,388	(9,974)	-	1,107,414	1,601,697	1,963	2,711,074
Restricted for:							
Capital projects	104,084	-	-	104,084	110,261	1,601	215,946
Debt service	42,868	9,817	-	52,685	6,115	1,180	59,980
Other purposes	4,309	30,738	4,217	39,264	6,055	-	45,319
Unrestricted	165,924	55,317	(4,217)	217,024	113,493	1,385	331,902
Total net position	1,434,573	85,898	-	1,520,471	1,837,621	6,129	3,364,221
Total liabilities, deferred inflows of resources, and net position	\$ 3,974,963	\$ 406,722	\$ (12,505)	\$ 4,369,180	\$ 3,542,505	\$ 37,923	\$ 7,949,608

JEA
Combining Statement of Net Position
(in thousands) September 2020

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JEA
Assets							
Current assets:							
Cash and cash equivalents	\$ 266,683	\$ 51,814	\$ -	\$ 318,497	\$ 67,036	\$ 1,615	\$ 387,148
Investments	-	3,107	-	3,107	-	-	3,107
Customer accounts receivable, net of allowance (\$3,864)	165,515	-	-	165,515	54,176	123	219,814
Inventories:							
Materials and supplies	2,378	-	-	2,378	59,285	-	61,663
Fuel	37,822	-	-	37,822	-	-	37,822
Other current assets	14,981	5,361	(9,519)	10,823	5,541	-	16,364
Total current assets	487,379	60,282	(9,519)	538,142	186,038	1,738	725,918
Noncurrent assets:							
Restricted assets:							
Cash and cash equivalents	89,193	89,318	-	178,511	71,232	4,241	253,984
Investments	202,036	10,227	-	212,263	98,867	-	311,130
Accounts and interest receivable	1,053	11	-	1,064	7	-	1,071
Total restricted assets	292,282	99,556	-	391,838	170,106	4,241	566,185
Costs to be recovered from future revenues	348,740	234,170	-	582,910	269,374	30	852,314
Other assets	30,649	4,500	(4,500)	30,649	1,569	3	32,221
Total noncurrent assets	671,671	338,226	(4,500)	1,005,397	441,049	4,274	1,450,720
Capital assets:							
Land and easements	123,748	6,660	-	130,408	83,459	3,051	216,918
Plant in service	5,835,887	1,316,043	-	7,151,930	4,912,993	59,530	12,124,453
Less accumulated depreciation	(3,439,442)	(1,313,379)	-	(4,752,821)	(2,379,631)	(29,255)	(7,161,707)
Plant in service, net	2,520,193	9,324	-	2,529,517	2,616,821	33,326	5,179,664
Construction work in progress	154,702	-	-	154,702	175,783	1,026	331,511
Net capital assets	2,674,895	9,324	-	2,684,219	2,792,604	34,352	5,511,175
Total assets	3,833,945	407,832	(14,019)	4,227,758	3,419,691	40,364	7,687,813
Deferred outflows of resources							
Accumulated decrease in fair value of hedging derivatives	141,605	-	-	141,605	37,681	-	179,286
Unrealized pension contributions and losses	74,505	17,601	-	92,106	51,775	-	143,881
Unamortized deferred losses on refundings	56,693	3,300	-	59,993	40,152	169	100,314
Unrealized asset retirement obligations	32,368	2,873	-	35,241	-	-	35,241
Unrealized OPEB contributions and losses	5,549	-	-	5,549	3,857	-	9,406
Total deferred outflows of resources	310,720	23,774	-	334,494	133,465	169	468,128
Total assets and deferred outflows of resources	\$ 4,144,665	\$ 431,606	\$ (14,019)	\$ 4,562,252	\$ 3,553,156	\$ 40,533	\$ 8,155,941

JEA
Combining Statement of Net Position
(in thousands) September 2020

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JEA
Liabilities							
Current liabilities:							
Customer deposits and prepayments	\$ 53,779	\$ -	\$ -	\$ 53,779	\$ 17,525	\$ -	\$ 71,304
Accounts and accrued expenses payable	57,341	5,658	(5,376)	57,623	8,855	144	66,622
Billings on behalf of state and local governments	22,171	-	-	22,171	3,834	-	26,005
Compensation and benefits payable	10,301	-	-	10,301	4,262	36	14,599
City of Jacksonville payable	8,159	-	-	8,159	2,096	-	10,255
Asset retirement obligations	1,263	2,873	-	4,136	-	-	4,136
Total current liabilities	153,014	8,531	(5,376)	156,169	36,572	180	192,921
Current liabilities payable from restricted assets:							
Debt due within one year	67,765	13,340	-	81,105	19,870	1,725	102,700
Interest payable	24,871	5,222	-	30,093	22,115	648	52,856
Construction contracts and accounts payable	15,109	5,575	(4,143)	16,541	30,389	47	46,977
Renewal and replacement reserve	-	37,910	-	37,910	-	-	37,910
Total current liabilities payable from restricted assets	107,745	62,047	(4,143)	165,649	72,374	2,420	240,443
Noncurrent liabilities:							
Net pension liability	373,642	7,794	-	381,436	259,650	-	641,086
Asset retirement obligations	31,105	-	-	31,105	-	-	31,105
Compensation and benefits payable	22,271	-	-	22,271	9,002	69	31,342
Net OPEB liability	5,954	-	-	5,954	4,137	-	10,091
Other liabilities	20,556	4,500	(4,500)	20,556	-	-	20,556
Total noncurrent liabilities	453,528	12,294	(4,500)	461,322	272,789	69	734,180
Long-term debt:							
Debt payable, less current portion	1,629,850	251,765	-	1,881,615	1,241,565	31,410	3,154,590
Unamortized premium (discount), net	95,677	783	-	96,460	77,769	(24)	174,205
Fair value of debt management strategy instruments	139,607	-	-	139,607	37,681	-	177,288
Total long-term debt	1,865,134	252,548	-	2,117,682	1,357,015	31,386	3,506,083
Total liabilities	2,579,421	335,420	(14,019)	2,900,822	1,738,750	34,055	4,673,627
Deferred inflows of resources							
Revenues to be used for future costs	177,589	5,821	-	183,410	23,372	-	206,782
Unrealized pension gains	11,988	3,986	-	15,974	8,330	-	24,304
Unrealized OPEB gains	9,023	-	-	9,023	6,271	-	15,294
Accumulated increase in fair value of hedging derivatives	11,944	-	-	11,944	-	-	11,944
Total deferred inflows of resources	210,544	9,807	-	220,351	37,973	-	258,324
Net position							
Net investment in (divestment of) capital assets	977,434	(14,114)	-	963,320	1,567,914	1,393	2,532,627
Restricted for:							
Capital projects	139,308	-	-	139,308	63,679	1,868	204,855
Debt service	66,487	13,706	-	80,193	19,640	1,725	101,558
Other purposes	5,772	32,163	4,143	42,078	6,539	-	48,617
Unrestricted	165,699	54,624	(4,143)	216,180	118,661	1,492	336,333
Total net position	1,354,700	86,379	-	1,441,079	1,776,433	6,478	3,223,990
Total liabilities, deferred inflows of resources, and net position	\$ 4,144,665	\$ 431,606	\$ (14,019)	\$ 4,562,252	\$ 3,553,156	\$ 40,533	\$ 8,155,941

JEA

Page 10

Combining Statement of Revenues, Expenses, and Changes in Net Position
(in thousands - unaudited) for the month ended May 2021

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating revenues								
Electric - base	\$ 73,990	\$ -	\$ -	\$ 73,990	\$ -	\$ -	\$ (718)	\$ 73,272
Electric - fuel and purchased power	36,788	1,976	(1,976)	36,788	-	-	(657)	36,131
Water and sewer	-	-	-	-	43,968	-	(18)	43,950
District energy system	-	-	-	-	-	641	(27)	614
Other operating revenues	2,084	-	-	2,084	1,136	1	(184)	3,037
Total operating revenues	112,862	1,976	(1,976)	112,862	45,104	642	(1,604)	157,004
Operating expenses								
Operations and maintenance:								
Maintenance and other operating expenses	18,262	(441)	-	17,821	12,466	392	(1,604)	29,075
Fuel	29,064	-	-	29,064	-	-	-	29,064
Purchased power	12,785	-	(1,976)	10,809	-	-	-	10,809
Depreciation	18,178	34	-	18,212	13,832	215	-	32,259
State utility and franchise taxes	4,443	-	-	4,443	945	-	-	5,388
Recognition of deferred costs and revenues, net	918	1,157	-	2,075	839	-	-	2,914
Total operating expenses	83,650	750	(1,976)	82,424	28,082	607	(1,604)	109,509
Operating income	29,212	1,226	-	30,438	17,022	35	-	47,495
Nonoperating revenues (expenses)								
Interest on debt	(5,053)	(815)	-	(5,868)	(3,582)	(106)	-	(9,556)
Investment income	252	8	-	260	202	-	-	462
Allowance for funds used during construction	276	-	-	276	521	2	-	799
Other nonoperating income, net	337	24	-	361	204	-	-	565
Earnings from The Energy Authority	287	-	-	287	-	-	-	287
Other interest, net	(8)	-	-	(8)	-	-	-	(8)
Total nonoperating expenses, net	(3,909)	(783)	-	(4,692)	(2,655)	(104)	-	(7,451)
Income before contributions	25,303	443	-	25,746	14,367	(69)	-	40,044
Contributions (to) from								
General Fund, City of Jacksonville, Florida	(7,800)	-	-	(7,800)	(2,201)	-	-	(10,001)
Developers and other	632	-	-	632	8,944	-	-	9,576
Reduction of plant cost through contributions	(632)	-	-	(632)	(6,142)	-	-	(6,774)
Total contributions, net	(7,800)	-	-	(7,800)	601	-	-	(7,199)
Change in net position	17,503	443	-	17,946	14,968	(69)	-	32,845
Net position, beginning of period	1,417,070	85,455	-	1,502,525	1,822,653	6,198	-	3,331,376
Net position, end of period	\$ 1,434,573	\$ 85,898	\$ -	\$ 1,520,471	\$ 1,837,621	\$ 6,129	\$ -	\$ 3,364,221

JEA

Page 11

Combining Statement of Revenues, Expenses, and Changes in Net Position
(in thousands - unaudited) for the month ended May 2020

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating revenues								
Electric - base	\$ 69,580	\$ -	\$ -	\$ 69,580	\$ -	\$ -	\$ (712)	\$ 68,868
Electric - fuel and purchased power	26,773	2,178	(2,178)	26,773	-	-	(378)	26,395
Water and sewer	-	-	-	-	42,628	-	(17)	42,611
District energy system	-	-	-	-	-	672	(25)	647
Other operating revenues	1,280	-	-	1,280	738	-	(190)	1,828
Total operating revenues	97,633	2,178	(2,178)	97,633	43,366	672	(1,322)	140,349
Operating expenses								
Operations and maintenance:								
Maintenance and other operating expenses	17,781	(699)	-	17,082	15,957	316	(1,322)	32,033
Fuel	23,633	-	-	23,633	-	-	-	23,633
Purchased power	8,472	-	(2,178)	6,294	-	-	-	6,294
Depreciation	16,956	34	-	16,990	12,856	206	-	30,052
State utility and franchise taxes	3,367	-	-	3,367	927	-	-	4,294
Recognition of deferred costs and revenues, net	618	1,103	-	1,721	723	-	-	2,444
Total operating expenses	70,827	438	(2,178)	69,087	30,463	522	(1,322)	98,750
Operating income	26,806	1,740	-	28,546	12,903	150	-	41,599
Nonoperating revenues (expenses)								
Interest on debt	(5,698)	(845)	-	(6,543)	(3,853)	(109)	-	(10,505)
Investment income	744	46	-	790	256	2	-	1,048
Allowance for funds used during construction	591	-	-	591	1,102	7	-	1,700
Other nonoperating income, net	339	26	-	365	205	-	-	570
Earnings from The Energy Authority	827	-	-	827	-	-	-	827
Other interest, net	(14)	-	-	(14)	-	-	-	(14)
Total nonoperating expenses, net	(3,211)	(773)	-	(3,984)	(2,290)	(100)	-	(6,374)
Income before contributions	23,595	967	-	24,562	10,613	50	-	35,225
Contributions (to) from								
General Fund, City of Jacksonville, Florida	(7,823)	-	-	(7,823)	(2,079)	-	-	(9,902)
Developers and other	20	-	-	20	10,480	-	-	10,500
Reduction of plant cost through contributions	(20)	-	-	(20)	(7,932)	-	-	(7,952)
Total contributions, net	(7,823)	-	-	(7,823)	469	-	-	(7,354)
Change in net position	15,772	967	-	16,739	11,082	50	-	27,871
Net position, beginning of period	1,251,753	92,129	-	1,343,882	1,741,641	6,149	-	3,091,672
Net position, end of period	\$ 1,267,525	\$ 93,096	\$ -	\$ 1,360,621	\$ 1,752,723	\$ 6,199	\$ -	\$ 3,119,543

JEA

Page 12

Combining Statement of Revenues, Expenses, and Changes in Net Position
(in thousands - unaudited) for the eight months ended May 2021

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating revenues								
Electric - base	\$ 537,072	\$ -	\$ -	\$ 537,072	\$ -	\$ -	\$ (5,503)	\$ 531,569
Electric - fuel and purchased power	246,881	17,755	(17,755)	246,881	-	-	(5,002)	241,879
Water and sewer	-	-	-	-	297,416	-	(192)	297,224
District energy system	-	-	-	-	-	4,887	(204)	4,683
Other operating revenues	17,464	105	-	17,569	8,967	1	(1,476)	25,061
Total operating revenues	801,417	17,860	(17,755)	801,522	306,383	4,888	(12,377)	1,100,416
Operating expenses								
Operations and maintenance:								
Maintenance and other operating expenses	144,904	2,586	-	147,490	104,162	2,692	(12,377)	241,967
Fuel	216,570	-	-	216,570	-	-	-	216,570
Purchased power	80,375	-	(17,755)	62,620	-	-	-	62,620
Depreciation	144,292	273	-	144,565	114,484	1,707	-	260,756
State utility and franchise taxes	37,523	-	-	37,523	7,084	-	-	44,607
Recognition of deferred costs and revenues, net	5,250	9,252	-	14,502	3,524	-	-	18,026
Total operating expenses	628,914	12,111	(17,755)	623,270	229,254	4,399	(12,377)	844,546
Operating income	172,503	5,749	-	178,252	77,129	489	-	255,870
Nonoperating revenues (expenses)								
Interest on debt	(44,883)	(6,521)	-	(51,404)	(29,322)	(847)	-	(81,573)
Investment income	1,064	97	-	1,161	810	2	-	1,973
Allowance for funds used during construction	1,857	-	-	1,857	3,499	7	-	5,363
Other nonoperating income, net	2,697	194	-	2,891	1,674	-	-	4,565
Earnings from The Energy Authority	9,054	-	-	9,054	-	-	-	9,054
Other interest, net	(13)	-	-	(13)	21	-	-	8
Total nonoperating expenses, net	(30,224)	(6,230)	-	(36,454)	(23,318)	(838)	-	(60,610)
Income before contributions	142,279	(481)	-	141,798	53,811	(349)	-	195,260
Contributions (to) from								
General Fund, City of Jacksonville, Florida	(62,406)	-	-	(62,406)	(17,602)	-	-	(80,008)
Developers and other	1,570	-	-	1,570	56,850	-	-	58,420
Reduction of plant cost through contributions	(1,570)	-	-	(1,570)	(31,871)	-	-	(33,441)
Total contributions, net	(62,406)	-	-	(62,406)	7,377	-	-	(55,029)
Change in net position	79,873	(481)	-	79,392	61,188	(349)	-	140,231
Net position, beginning of year	1,354,700	86,379	-	1,441,079	1,776,433	6,478	-	3,223,990
Net position, end of period	\$ 1,434,573	\$ 85,898	\$ -	\$ 1,520,471	\$ 1,837,621	\$ 6,129	\$ -	\$ 3,364,221

JEA

Page 13

Combining Statement of Revenues, Expenses, and Changes in Net Position

(in thousands - unaudited) for the eight months ended May 2020

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating revenues								
Electric - base	\$ 548,913	\$ -	\$ -	\$ 548,913	\$ -	\$ -	\$ (5,554)	\$ 543,359
Electric - fuel and purchased power	208,163	16,557	(16,558)	208,162	-	-	(4,752)	203,410
Water and sewer	-	-	-	-	316,607	-	(148)	316,459
District energy system	-	-	-	-	-	5,253	(213)	5,040
Other operating revenues	15,730	164	-	15,894	10,149	-	(1,924)	24,119
Total operating revenues	<u>772,806</u>	<u>16,721</u>	<u>(16,558)</u>	<u>772,969</u>	<u>326,756</u>	<u>5,253</u>	<u>(12,591)</u>	<u>1,092,387</u>
Operating expenses								
Operations and maintenance:								
Maintenance and other operating expenses	162,329	7,925	-	170,254	108,701	2,753	(12,591)	269,117
Fuel	176,097	-	-	176,097	-	-	-	176,097
Purchased power	69,759	-	(16,558)	53,201	-	-	-	53,201
Depreciation	134,728	273	-	135,001	106,113	1,645	-	242,759
State utility and franchise taxes	35,816	-	-	35,816	7,192	-	-	43,008
Recognition of deferred costs and revenues, net	6,800	8,355	-	15,155	4,745	-	-	19,900
Total operating expenses	<u>585,529</u>	<u>16,553</u>	<u>(16,558)</u>	<u>585,524</u>	<u>226,751</u>	<u>4,398</u>	<u>(12,591)</u>	<u>804,082</u>
Operating income	<u>187,277</u>	<u>168</u>	<u>-</u>	<u>187,445</u>	<u>100,005</u>	<u>855</u>	<u>-</u>	<u>288,305</u>
Nonoperating revenues (expenses)								
Interest on debt	(52,830)	(6,756)	-	(59,586)	(35,287)	(875)	-	(95,748)
Investment income	6,737	1,543	-	8,280	2,796	53	-	11,129
Allowance for funds used during construction	5,336	-	-	5,336	8,691	33	-	14,060
Other nonoperating income, net	2,796	211	-	3,007	1,899	-	-	4,906
Earnings from The Energy Authority	1,325	-	-	1,325	-	-	-	1,325
Other interest, net	363	-	-	363	358	-	-	721
Total nonoperating expenses, net	<u>(36,273)</u>	<u>(5,002)</u>	<u>-</u>	<u>(41,275)</u>	<u>(21,543)</u>	<u>(789)</u>	<u>-</u>	<u>(63,607)</u>
Income before contributions	<u>151,004</u>	<u>(4,834)</u>	<u>-</u>	<u>146,170</u>	<u>78,462</u>	<u>66</u>	<u>-</u>	<u>224,698</u>
Contributions (to) from								
General Fund, City of Jacksonville, Florida	(62,581)	-	-	(62,581)	(16,635)	-	-	(79,216)
Developers and other	949	-	-	949	65,320	-	-	66,269
Reduction of plant cost through contributions	(949)	-	-	(949)	(43,992)	-	-	(44,941)
Total contributions, net	<u>(62,581)</u>	<u>-</u>	<u>-</u>	<u>(62,581)</u>	<u>4,693</u>	<u>-</u>	<u>-</u>	<u>(57,888)</u>
Change in net position	88,423	(4,834)	-	83,589	83,155	66	-	166,810
Net position, beginning of year	1,179,102	97,930	-	1,277,032	1,669,568	6,133	-	2,952,733
Net position, end of period	<u>\$ 1,267,525</u>	<u>\$ 93,096</u>	<u>\$ -</u>	<u>\$ 1,360,621</u>	<u>\$ 1,752,723</u>	<u>\$ 6,199</u>	<u>\$ -</u>	<u>\$ 3,119,543</u>

JEA

Page 14

Combining Statement of Cash Flows
(in thousands - unaudited) for the eight months ended May 2021

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating activities								
Receipts from customers	\$ 793,430	\$ 17,755	\$ (17,719)	\$ 793,466	\$ 300,356	\$ 4,731	\$ (10,901)	\$ 1,087,652
Payments to suppliers	(363,488)	(6,087)	17,719	(351,856)	(63,069)	(2,355)	12,377	(404,903)
Payments for salaries and benefits	(117,697)	-	-	(117,697)	(48,005)	(476)	-	(166,178)
Other operating activities	18,424	(6)	-	18,418	9,331	1	(1,476)	26,274
Net cash provided by operating activities	330,669	11,662	-	342,331	198,613	1,901	-	542,845
Noncapital and related financing activities								
Contribution to General Fund, City of Jacksonville, Florida	(62,428)	-	-	(62,428)	(17,481)	-	-	(79,909)
Net cash used in noncapital and related financing activities	(62,428)	-	-	(62,428)	(17,481)	-	-	(79,909)
Capital and related financing activities								
Defeasance of debt	(104,390)	-	-	(104,390)	-	-	-	(104,390)
Acquisition and construction of capital assets	(112,480)	-	-	(112,480)	(118,278)	(556)	-	(231,314)
Repayment of debt principal	(67,765)	(13,340)	-	(81,105)	(19,870)	(1,725)	-	(102,700)
Interest paid on debt	(61,833)	(10,169)	-	(72,002)	(48,353)	(1,275)	-	(121,630)
Capital contributions	-	-	-	-	24,979	-	-	24,979
Revolving credit agreement repayments	-	-	-	-	(5,000)	-	-	(5,000)
Other capital financing activities	2,625	304	-	2,929	2,622	-	-	5,551
Net cash used in capital and related financing activities	(343,843)	(23,205)	-	(367,048)	(163,900)	(3,556)	-	(534,504)
Investing activities								
Purchase of investments	(168,643)	(14,995)	-	(183,638)	(13,929)	-	-	(197,567)
Proceeds from sale and maturity of investments	142,182	14,473	-	156,655	14,777	-	-	171,432
Investment income	2,596	100	-	2,696	1,410	2	-	4,108
Distributions from The Energy Authority	801	-	-	801	-	-	-	801
Net cash provided by (used in) investing activities	(23,064)	(422)	-	(23,486)	2,258	2	-	(21,226)
Net change in cash and cash equivalents	(98,666)	(11,965)	-	(110,631)	19,490	(1,653)	-	(92,794)
Cash and cash equivalents at beginning of year	355,876	141,132	-	497,008	138,268	5,856	-	641,132
Cash and cash equivalents at end of period	\$ 257,210	\$ 129,167	\$ -	\$ 386,377	\$ 157,758	\$ 4,203	\$ -	\$ 548,338
Reconciliation of operating income to net cash provided by operating activities								
Operating income	\$ 172,503	\$ 5,749	\$ -	\$ 178,252	\$ 77,129	\$ 489	\$ -	\$ 255,870
Adjustments:								
Depreciation and amortization	144,292	273	-	144,565	115,230	1,707	-	261,502
Recognition of deferred costs and revenues, net	5,250	9,252	-	14,502	3,524	-	-	18,026
Other nonoperating income, net	23	-	-	23	28	-	-	51
Changes in noncash assets and noncash liabilities:								
Accounts receivable	22,527	-	-	22,527	(4,373)	(156)	-	17,998
Inventories	91	-	-	91	2,940	-	-	3,031
Other assets	309	1,322	-	1,631	118	(11)	-	1,738
Accounts and accrued expenses payable	2,322	(1,855)	-	467	(3,802)	(130)	-	(3,465)
Current liabilities payable from restricted assets	-	(3,344)	-	(3,344)	-	-	-	(3,344)
Other noncurrent liabilities and deferred inflows	(16,648)	265	-	(16,383)	7,819	2	-	(8,562)
Net cash provided by operating activities	\$ 330,669	\$ 11,662	\$ -	\$ 342,331	\$ 198,613	\$ 1,901	\$ -	\$ 542,845
Noncash activity								
Contribution of capital assets from developers	\$ 1,570	\$ -	\$ -	\$ 1,570	\$ 31,871	\$ -	\$ -	\$ 33,441
Unrealized investment fair market value changes, net	\$ (1,462)	\$ (12)	\$ -	\$ (1,474)	\$ (881)	\$ -	\$ -	\$ (2,355)

JEA

Page 15

Combining Statement of Cash Flows
(in thousands - unaudited) for the eight months ended May 2020

	Electric System and Bulk Power Supply System	SJRPP System	Elimination of Intercompany transactions	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Eliminations	Total JEA
Operating activities								
Receipts from customers	\$ 760,475	\$ 16,557	\$ (17,227)	\$ 759,805	\$ 301,286	\$ 5,072	\$ (10,667)	\$ 1,055,496
Payments to suppliers	(343,150)	(6,529)	17,227	(332,452)	(71,968)	(2,363)	12,591	(394,192)
Payments for salaries and benefits	(126,189)	(6,307)	-	(132,496)	(50,894)	(507)	-	(183,897)
Other operating activities	18,126	257	-	18,383	10,546	-	(1,924)	27,005
Net cash provided by operating activities	309,262	3,978	-	313,240	188,970	2,202	-	504,412
Noncapital and related financing activities								
Contribution to General Fund, City of Jacksonville, Florida	(62,504)	-	-	(62,504)	(16,614)	-	-	(79,118)
Net cash used in noncapital and related financing activities	(62,504)	-	-	(62,504)	(16,614)	-	-	(79,118)
Capital and related financing activities								
Defeasance of debt	(48,070)	-	-	(48,070)	(45,425)	-	-	(93,495)
Acquisition and construction of capital assets	(141,757)	-	-	(141,757)	(130,791)	(1,578)	-	(274,126)
Repayment of debt principal	(122,380)	(13,780)	-	(136,160)	(54,705)	(1,690)	-	(192,555)
Interest paid on debt	(72,706)	(10,786)	-	(83,492)	(54,433)	(1,313)	-	(139,238)
Capital contributions	-	-	-	-	21,329	-	-	21,329
Other capital financing activities	(4,138)	159	-	(3,979)	(1,244)	-	-	(5,223)
Net cash used in capital and related financing activities	(389,051)	(24,407)	-	(413,458)	(265,269)	(4,581)	-	(683,308)
Investing activities								
Purchase of investments	(161,472)	(11,845)	-	(173,317)	(22,631)	-	-	(195,948)
Proceeds from sale and maturity of investments	112,955	11,922	-	124,877	51,539	-	-	176,416
Investment income	5,380	1,547	-	6,927	2,126	53	-	9,106
Distributions from The Energy Authority	718	-	-	718	-	-	-	718
Net cash provided by (used in) investing activities	(42,419)	1,624	-	(40,795)	31,034	53	-	(9,708)
Net change in cash and cash equivalents	(184,712)	(18,805)	-	(203,517)	(61,879)	(2,326)	-	(267,722)
Cash and cash equivalents at beginning of year	356,655	161,592	-	518,247	153,732	8,243	-	680,222
Cash and cash equivalents at end of period	\$ 171,943	\$ 142,787	\$ -	\$ 314,730	\$ 91,853	\$ 5,917	\$ -	\$ 412,500
Reconciliation of operating income to net cash provided by operating activities								
Operating income	\$ 187,277	\$ 168	\$ -	\$ 187,445	\$ 100,005	\$ 855	\$ -	\$ 288,305
Adjustments:								
Depreciation and amortization	134,728	273	-	135,001	106,895	1,645	-	243,541
Recognition of deferred costs and revenues, net	6,800	8,355	-	15,155	4,745	-	-	19,900
Other nonoperating income (loss), net	79	-	-	79	262	-	-	341
Changes in noncash assets and noncash liabilities:								
Accounts receivable	39,235	-	-	39,235	(6,561)	(181)	-	32,493
Inventories	(9,158)	106	-	(9,052)	(3,021)	-	-	(12,073)
Other assets	1,825	75	-	1,900	4	(11)	-	1,893
Accounts and accrued expenses payable	(11,211)	1,426	-	(9,785)	(4,651)	(143)	-	(14,579)
Current liabilities payable from restricted assets	-	(4,702)	-	(4,702)	-	-	-	(4,702)
Other noncurrent liabilities and deferred inflows	(40,313)	(1,723)	-	(42,036)	(8,708)	37	-	(50,707)
Net cash provided by operating activities	\$ 309,262	\$ 3,978	\$ -	\$ 313,240	\$ 188,970	\$ 2,202	\$ -	\$ 504,412
Noncash activity								
Contribution of capital assets from developers	\$ 949	\$ -	\$ -	\$ 949	\$ 43,992	\$ -	\$ -	\$ 44,941
Unrealized investment fair market value changes, net	\$ 1,576	\$ (13)	\$ -	\$ 1,563	\$ 487	\$ -	\$ -	\$ 2,050

JEA
Debt Service Coverage
May 2021
(unaudited)

Page 16

	Month		Year-to-Date	
	2021	May 2020	2021	May 2020
Electric System				
Senior debt service coverage, (annual minimum 1.20x)	12.98 x	11.33 x	11.00 x	9.50 x
Senior and subordinated debt service coverage, (annual minimum 1.15x)	5.71 x	4.97 x	4.81 x	4.32 x
Bulk Power Supply System				
Debt service coverage, (annual minimum 1.15x)	1.20 x	1.91 x	1.28 x	2.17 x
St. Johns River Power Park, Second Resolution				
Debt service coverage, (annual minimum 1.15x)	1.00 x	1.14 x	1.14 x	1.17 x
Water and Sewer System				
Senior debt service coverage, (annual minimum 1.25x)	8.90 x	5.96 x	7.10 x	5.83 x
Senior and subordinated debt service coverage excluding capacity fees ⁽¹⁾	7.15 x	4.89 x	5.52 x	4.70 x
Senior and subordinated debt service coverage including capacity fees ⁽¹⁾	7.78 x	5.35 x	6.21 x	5.17 x
District Energy System				
Debt service coverage, (annual minimum 1.15x)	0.99 x	1.42 x	1.09 x	1.27 x

⁽¹⁾ Annual minimum coverage is either 1.00x aggregate debt service and aggregate subordinated debt service (excluding capacity charges) or the sum of 1.00x aggregate debt service and 1.20x aggregate subordinated debt service (including capacity charges).

JEA

Page 17

**Electric System
Operating Statistics
May 2021 and 2020 (unaudited)**

	Month			Year-to-Date		
	2021	2020	Variance	2021	2020	Variance
Electric revenues sales (000s omitted):						
Residential	\$ 53,026	\$ 42,930	23.52%	\$ 393,145	\$ 361,581	8.73%
Commercial	34,050	25,154	35.37%	237,377	232,354	2.16%
Industrial	17,464	11,848	47.40%	123,166	120,045	2.60%
Public street lighting	1,151	1,009	14.07%	9,156	8,852	3.43%
Electric revenues - territorial	105,691	80,941	30.58%	762,844	722,832	5.54%
Sales for resale - off system	210	234	-10.26%	2,042	1,170	74.53%
Electric revenues	105,901	81,175	30.46%	764,886	724,002	5.65%
Rate stabilization & recovery	4,877	15,268	-68.06%	20,644	33,631	-38.62%
Allowance for doubtful accounts	-	(90)	-100.00%	(1,577)	(557)	183.12%
Net electric revenues	110,778	96,353	14.97%	783,953	757,076	3.55%
MWh sales						
Residential	463,956	471,003	-1.50%	3,422,721	3,236,846	5.74%
Commercial	349,117	326,917	6.79%	2,415,763	2,433,815	-0.74%
Industrial	239,302	230,326	3.90%	1,693,561	1,723,165	-1.72%
Public street lighting	4,289	4,483	-4.33%	36,756	36,911	-0.42%
Total MWh sales - territorial	1,056,664	1,032,729	2.32%	7,568,801	7,430,737	1.86%
Sales for resale - off system	5,797	237	2345.99%	21,673	15,857	36.68%
Total MWh sales	1,062,461	1,032,966	2.86%	7,590,474	7,446,594	1.93%
Average number of accounts						
Residential	437,714	429,019	2.03%	434,782	425,740	2.12%
Commercial	54,306	53,615	1.29%	54,039	53,446	1.11%
Industrial	196	195	0.51%	196	195	0.51%
Public street lighting	3,984	3,896	2.26%	3,971	3,921	1.28%
Total average accounts	496,200	486,725	1.95%	492,988	483,302	2.00%
Residential averages						
Revenue per account - \$	121.14	100.07	21.06%	904.23	849.30	6.47%
kWh per account	1,060	1,098	-3.45%	7,872	7,603	3.54%
Revenue per kWh - ¢	11.43	9.11	25.39%	11.49	11.17	2.82%
Degree days						
Heating degree days	9	2	7	1,208	822	386
Cooling degree days	243	313	(70)	938	1,249	(311)
Total degree days	252	315	(63)	2,146	2,071	75
Degree days - 30 year average	315			2,134		

JEA
Water and Sewer System
Operating Statistics
May 2021 and 2020 (unaudited)

	Month								
	Water			Sewer			Reuse		
	2021	2020	Variance	2021	2020	Variance	2021	2020	Variance
Revenues (000s omitted):									
Residential	\$ 9,700	\$ 9,284	4.48%	\$ 15,012	\$ 14,723	1.96%	\$ 1,649	\$ 1,493	10.45%
Commercial and industrial	4,221	3,997	5.60%	10,073	9,322	8.06%	654	753	-13.15%
Irrigation	3,575	3,722	-3.95%	N/A	N/A	N/A	18	17	5.88%
Gross revenues	17,496	17,003	2.90%	25,085	24,045	4.33%	2,321	2,263	2.56%
Rate stabilization	(365)	(246)	48.37%	(519)	(289)	79.58%	(50)	(99)	-49.49%
Allowance for doubtful accounts	(1)	(18)	-94.44%	2	(24)	-108.33%	(1)	(7)	-85.71%
Net revenues	\$ 17,130	\$ 16,739	2.34%	\$ 24,568	\$ 23,732	3.52%	\$ 2,270	\$ 2,157	5.24%

Kgal sales (000s omitted)									
Residential	1,969,682	2,070,054	-4.85%	1,719,575	1,812,774	-5.14%	293,646	271,034	8.34%
Commercial and industrial	1,245,302	1,224,952	1.66%	1,091,600	1,030,095	5.97%	140,517	164,759	-14.71%
Irrigation	642,015	694,877	-7.61%	N/A	N/A	N/A	38,384	80,962	-52.59%
Total kgal sales	3,856,999	3,989,883	-3.33%	2,811,175	2,842,869	-1.11%	472,547	516,755	-8.55%

Average number of accounts:									
Residential	309,909	300,966	2.97%	276,258	267,500	3.27%	19,283	16,709	15.40%
Commercial and industrial	26,604	26,198	1.55%	18,902	18,660	1.30%	739	659	12.14%
Irrigation	37,994	37,602	1.04%	N/A	N/A	N/A	41	38	7.89%
Total average accounts	374,507	364,766	2.67%	295,160	286,160	3.15%	20,063	17,406	15.26%

Residential averages:									
Revenue per account - \$	31.30	30.85	1.46%	54.34	55.04	-1.27%	85.52	89.35	-4.29%
Kgals per account	6.36	6.88	-7.56%	6.22	6.78	-8.26%	15.23	16.22	-6.10%
Revenue per kgals - \$	4.92	4.48	9.82%	8.73	8.12	7.51%	5.62	5.51	2.00%

	Year-to-Date								
	Water			Sewer			Reuse		
	2021	2020	Variance	2021	2020	Variance	2021	2020	Variance
Revenues (000s omitted):									
Residential	\$ 66,046	\$ 66,164	-0.18%	\$ 101,265	\$ 100,761	0.50%	\$ 9,407	\$ 9,335	0.77%
Commercial and industrial	31,396	31,189	0.66%	73,699	72,956	1.02%	3,437	4,092	-16.01%
Irrigation	20,022	22,980	-12.87%	N/A	N/A	N/A	196	143	37.06%
Gross revenues	117,464	120,333	-2.38%	174,964	173,717	0.72%	13,040	13,570	-3.91%
Rate stabilization	(2,851)	3,661	-177.87%	(4,246)	3,820	-211.15%	(316)	1,878	-116.83%
Allowance for doubtful accounts	(246)	(141)	74.47%	(366)	(192)	90.63%	(27)	(39)	-30.77%
Net revenues	\$ 114,367	\$ 123,853	-7.66%	\$ 170,352	\$ 177,345	-3.94%	\$ 12,697	\$ 15,409	-17.60%

Kgal sales (000s omitted)									
Residential	12,132,923	12,468,169	-2.69%	10,615,744	10,854,403	-2.20%	1,457,307	1,548,471	-5.89%
Commercial and industrial	8,942,249	8,923,550	0.21%	7,901,320	7,815,484	1.10%	713,261	873,787	-18.37%
Irrigation	3,125,835	3,857,653	-18.97%	N/A	N/A	N/A	659,232	427,446	54.23%
Total kgal sales	24,201,007	25,249,372	-4.15%	18,517,064	18,669,887	-0.82%	2,829,800	2,849,704	-0.70%

Average number of accounts:									
Residential	306,969	298,443	2.86%	273,414	265,076	3.15%	18,475	15,912	16.11%
Commercial and industrial	26,437	26,147	1.11%	18,791	18,618	0.93%	719	635	13.23%
Irrigation	37,825	37,422	1.08%	N/A	N/A	N/A	40	37	8.11%
Total average accounts	371,231	362,012	2.55%	292,205	283,694	3.00%	19,234	16,584	15.98%

Residential averages:									
Revenue per account - \$	215.16	221.70	-2.95%	370.37	380.12	-2.56%	509.17	586.66	-13.21%
Kgals per account	39.52	41.78	-5.41%	38.83	40.95	-5.18%	78.88	97.31	-18.94%
Revenue per kgals - \$	5.44	5.31	2.45%	9.54	9.28	2.80%	6.46	6.03	7.13%

	Month				Year-to-Date			
	2021	2020	Variance	30 Year Avg	2021	2020	Variance	30 Year Avg
Rainfall	0.48	1.43	(0.95)	3.42	25.23	25.58	(0.35)	25.34
Rain Days	6	7	(1)	7	74	61	13	59

Appendix

JEA
Schedule of Cash and Investments
(in thousands - unaudited) May 2021

Page 19

	Electric System and Bulk Power Supply	SJRPP System	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JEA
Unrestricted cash and investments						
Operations	\$ 67,213	\$ 34,213	\$ 101,426	\$ 18,383	\$ 1,213	\$ 121,022
Rate stabilization:						
Fuel	70,833	-	70,833	-	-	70,833
Environmental	20,160	-	20,160	30,785	-	50,945
Purchased Power	18,791	-	18,791	-	-	18,791
DSM/Conservation	6,486	-	6,486	-	-	6,486
Total rate stabilization funds	116,270	-	116,270	30,785	-	147,055
Customer deposits	44,940	-	44,940	16,788	-	61,728
General reserve	-	21,242	21,242	-	-	21,242
Self insurance reserve funds:						
Self funded health plan	13,705	-	13,705	-	-	13,705
Property insurance reserve	10,000	-	10,000	-	-	10,000
Total self insurance reserve funds	23,705	-	23,705	-	-	23,705
Environmental liability reserve	16,568	-	16,568	-	-	16,568
Total unrestricted cash and investments	\$ 268,696	\$ 55,455	\$ 324,151	\$ 65,956	\$ 1,213	\$ 391,320
Restricted assets						
Renewal and replacement funds	\$ 102,490	\$ 35,290	\$ 137,780	\$ 88,813	\$ 1,601	\$ 228,194
Debt service reserve account	55,844	10,063	65,907	58,664	-	124,571
Debt service funds	52,365	11,466	63,831	13,968	1,389	79,188
Construction funds	68	-	68	21,441	-	21,509
Environmental funds	473	-	473	1,046	-	1,519
Subtotal	211,240	56,819	268,059	183,932	2,990	454,981
Unrealized holding gain (loss) on investments	4,309	91	4,400	5,009	-	9,409
Other funds	-	30,647	30,647	-	-	30,647
Total restricted cash and investments	\$ 215,549	\$ 87,557	\$ 303,106	\$ 188,941	\$ 2,990	\$ 495,037
Total cash and investments	\$ 484,245	\$ 143,012	\$ 627,257	\$ 254,897	\$ 4,203	\$ 886,357

JEA
Schedule of Cash and Investments
(in thousands) September 2020

	Electric System and Bulk Power Supply	SJRPP System	Total Electric Enterprise Fund	Water and Sewer Enterprise Fund	District Energy System Fund	Total JEA
Unrestricted cash and investments						
Operations	\$ 48,670	\$ 34,212	\$ 82,882	\$ 26,738	\$ 1,615	\$ 111,235
Rate stabilization:						
Fuel	73,347	-	73,347	-	-	73,347
Environmental	21,818	-	21,818	23,372	-	45,190
Purchased Power	36,326	-	36,326	-	-	36,326
DSM/Conservation	5,423	-	5,423	-	-	5,423
Total rate stabilization funds	136,914	-	136,914	23,372	-	160,286
Customer deposits	43,641	-	43,641	16,926	-	60,567
General reserve	-	20,709	20,709	-	-	20,709
Self insurance reserve funds:						
Self funded health plan	10,890	-	10,890	-	-	10,890
Property insurance reserve	10,000	-	10,000	-	-	10,000
Total self insurance reserve funds	20,890	-	20,890	-	-	20,890
Environmental liability reserve	16,568	-	16,568	-	-	16,568
Total unrestricted cash and investments	\$ 266,683	\$ 54,921	\$ 321,604	\$ 67,036	\$ 1,615	\$ 390,255
Restricted assets						
Renewal and replacement funds	\$ 137,643	\$ 37,910	\$ 175,553	\$ 38,131	\$ 1,868	\$ 215,552
Debt service reserve account	55,844	10,544	66,388	58,228	-	124,616
Debt service funds	91,358	18,928	110,286	41,660	2,373	154,319
Construction funds	311	-	311	25,541	-	25,852
Environmental funds	301	-	301	649	-	950
Subtotal	285,457	67,382	352,839	164,209	4,241	521,289
Unrealized holding gain (loss) on investments	5,772	101	5,873	5,890	-	11,763
Other funds	-	32,062	32,062	-	-	32,062
Total restricted cash and investments	\$ 291,229	\$ 99,545	\$ 390,774	\$ 170,099	\$ 4,241	\$ 565,114
Total cash and investments	\$ 557,912	\$ 154,466	\$ 712,378	\$ 237,135	\$ 5,856	\$ 955,369

JEA
INVESTMENT PORTFOLIO REPORT
May 2021
(unaudited)

Page 20

INVESTMENT	BOOK VALUE	YIELD	% OF TOTAL
Federal Home Loan Bank	<u>\$ 70,249,692</u>	<u>2.19%</u>	<u>8.03%</u>
Municipal Bonds	<u>116,016,261</u>	<u>3.32%</u>	<u>13.27%</u>
Commercial Paper	<u>142,328,607</u>	<u>0.19%</u>	<u>16.28%</u>
U.S. Treasury Money Market Funds (1)	<u>231,493,072</u>	<u>0.03%</u>	<u>26.47%</u>
Agency Money Market Funds (2)	<u>73,575,000</u>	<u>0.03%</u>	<u>8.41%</u>
PALM Money Market Fund	<u>40,500,000</u>	<u>0.07%</u>	<u>4.63%</u>
Florida Prime Fund	<u>115,613,000</u>	<u>0.11%</u>	<u>13.22%</u>
Wells Fargo Bank Accounts (3)			
Electric, Scherer	<u>54,239,508</u>	<u>0.16%</u>	<u>6.20%</u>
SJRPP	<u>15,084,161</u>	<u>0.16%</u>	<u>1.73%</u>
Water & Sewer, DES	<u>15,339,632</u>	<u>0.16%</u>	<u>1.75%</u>
Total Portfolio	<u>\$ 874,438,933</u>	<u>0.66%</u>	<u>100.00%</u>

Weighted Avg. Annual Yield for May 2021, Excluding Bank & Money Market Funds: 1.72%

Weighted Avg. Annual Yield for May 2021, Including Bank & Money Market Funds: 0.66%

Some investments listed above may be classified as Cash Equivalents on the Statements of Net Position in accordance with generally accepted accounting principles.

(1) Treasury Funds: Federated, Fidelity, Goldman Sachs, State Street

(2) State Street Government Fund

(3) Month-end bank balances

JEA
Schedule of Outstanding Indebtedness
May 2021

Page 21

	Interest Rates	Principal Payment Dates	Par Amount Principal Outstanding	Current Portion of Long-Term Debt
Electric Enterprise				
<i>Electric System</i>				
Fixed Rate Senior	3.000-6.056%	2021-2044	459,695,000	15,705,000
Fixed Rate Subordinated	3.375-6.406%	2021-2039	478,255,000	31,870,000
Variable Rate Senior	0.076-0.561%	2021-2040	448,430,000	8,595,000
Variable Rate Subordinated	0.039-0.122%	2021-2038	57,195,000	2,970,000
Total Electric System	2.744% (wtd avg)	2021-2044	1,443,575,000	59,140,000
<i>Bulk Power Supply System</i>				
Fixed Rate Senior	2.250-5.920%	2021-2038	81,885,000	7,080,000
<i>St. Johns River Power Park</i>				
Fixed Rate Senior	2.250-5.450%	2021-2039	251,765,000	14,175,000
Total Electric Enterprise	2.958% (wtd avg)	2021-2044	1,777,225,000	80,395,000
Water and Sewer System				
Fixed Rate Senior	3.000-6.310%	2021-2044	899,860,000	2,060,000
Fixed Rate Subordinated	2.750-5.000%	2023-2040	88,845,000	-
Variable Rate Senior	0.065-1.981%	2021-2042	147,025,000	4,860,000
Variable Rate Subordinated	0.031-0.088%	2021-2038	100,835,000	2,450,000
Total Water and Sewer System	3.238% (wtd avg)	2021-2044	1,236,565,000	9,370,000
District Energy System				
Fixed Rate Senior	2.694 - 4.538%	2021-2034	31,410,000	1,770,000
Total JEA	3.085% (wtd avg)	2021-2044	3,045,200,000	91,535,000

JEA
Debt Ratio
May 2021

	Current YTD
Electric Enterprise	56.0%
Water and Sewer System	40.7%

JEA
Interest Rate Swap Position Report
May 2021
(unaudited)

Page 22

JEA Debt Management Swaps Variable to Fixed

ID	Dealer	Effective Date	Termination Date	Allocation	Fixed Rate	Floating Rate (1)	Spread	Rate Cap	Index
<i>Electric System</i>									
1	Goldman Sachs	9/18/2003	9/16/2033	\$ 84,800,000	3.717	0.075	3.642	n/a	68% 1 mth Libor
3	Morgan Stanley	1/27/2005	10/1/2039	82,575,000	4.351	0.061	4.290	n/a	SIFMA
4	JPMorgan	1/27/2005	10/1/2035	81,575,000	3.661	0.075	3.586	n/a	68% 1 mth Libor
6	JPMorgan	1/27/2005	10/1/2037	39,175,000	3.716	0.075	3.641	n/a	68% 1 mth Libor
8	Morgan Stanley	1/31/2007	10/1/2031	62,980,000	3.907	0.061	3.846	n/a	SIFMA
10	Goldman Sachs	1/31/2008	10/1/2036	51,680,000	3.836	0.061	3.775	n/a	SIFMA
			Total	<u>402,785,000</u>					
<i>Water/Sewer System</i>									
7	Morgan Stanley	10/31/2006	10/1/2022	9,915,000	4.075	2.395	1.680	n/a	CPI
9	Merrill Lynch	3/8/2007	10/1/2041	85,290,000	3.895	0.061	3.834	n/a	SIFMA
			Total	<u>95,205,000</u>					
			Grand Total	<u>\$ 497,990,000</u>		Wtd Avg Spread	<u>3.774</u>		

Note: (1) The "Floating Rate" column is the average of the floating rate for each instrument for this month.

JEA
Electric System
Production Statistics
May 2021 and 2020 (unaudited)

	Month			Year-to-Date		
	2021	2020	Variance	2021	2020	Variance
Generated power:						
Steam:						
<i>Fuel oil</i>						
Fuel expense	\$ 156,187	\$ -		\$ 2,214,001	\$ 65,177	3296.91%
Barrels #6 oil consumed	1,439	-		20,411	601	3296.17%
\$/ per barrel consumed	\$ 108.54	\$ -		\$ 108.47	\$ 108.45	0.02%
kWh oil generated (1)	802,978	-		10,379,176	141,446	7237.91%
Cost per MWh - oil	\$ 194.51	\$ -		\$ 213.31	\$ 460.79	-53.71%
<i>Natural gas units #1-3</i>						
Gas expense - variable	\$ 4,230,514	\$ 4,632,440	-8.68%	\$ 37,370,944	\$ 29,793,683	25.43%
MMBTU's consumed	1,429,679	2,418,045	-40.87%	13,606,583	14,148,571	-3.83%
\$/ per MMBTU consumed	\$ 2.96	\$ 1.92	54.46%	\$ 2.75	\$ 2.11	30.43%
kWh - gas generated (1)	124,503,693	222,397,775	-44.02%	1,229,635,021	1,303,618,898	-5.68%
Cost per MWh - gas	\$ 33.98	\$ 20.83	63.13%	\$ 30.39	\$ 22.85	32.98%
Cost per MWh - gas & oil - steam	\$ 35.01	\$ 20.83	68.07%	\$ 31.92	\$ 22.90	39.39%
<i>Coal</i>						
Coal expense	\$ 1,862,800	\$ 1,130,141	64.83%	\$ 11,956,716	\$ 10,086,325	18.54%
kWh generated	56,975,921	43,254,493	31.72%	447,923,927	400,008,889	11.98%
Cost per MWh - coal	\$ 32.69	\$ 26.13	25.13%	\$ 26.69	\$ 25.22	5.86%
<i>Pet coke and limestone</i>						
Expense	\$ 3,020,531	\$ 2,181,848	38.44%	\$ 24,976,607	\$ 21,332,825	17.08%
kWh generated	64,485,628	81,299,841	-20.68%	647,579,640	865,915,902	-25.21%
Cost per MWh - pet coke and limestone	\$ 46.84	\$ 26.84	74.54%	\$ 38.57	\$ 24.64	56.56%
Cost per MWh - coal & petcoke - steam	\$ 40.20	\$ 26.59	51.20%	\$ 33.71	\$ 24.82	35.84%
Combustion turbine:						
<i>Fuel oil</i>						
Fuel expense	\$ 197,841	\$ 184,747	7.09%	\$ 1,502,344	\$ 1,260,407	19.20%
Barrels #2 oil consumed	1,659	1,419	16.91%	12,356	9,955	24.12%
\$/ per barrel consumed	\$ 119.25	\$ 130.20	-8.40%	\$ 121.59	\$ 126.61	-3.97%
kWh - oil generated	508,688	493,125	3.16%	4,934,411	3,710,590	32.98%
Cost per MWh - oil	\$ 388.92	\$ 374.65	3.81%	\$ 304.46	\$ 339.68	-10.37%
<i>Natural gas (includes landfill)</i>						
Gas expense Kennedy & landfill - variable	\$ 712,518	\$ 72,394	884.22%	\$ 4,628,796	\$ 1,488,477	210.98%
MMBTU's consumed	232,169	37,925	512.18%	1,652,761	637,436	159.28%
\$/ per MMBTU consumed	\$ 3.07	\$ 1.91	60.77%	\$ 2.80	\$ 2.34	19.94%
kWh - gas generated (1)	20,433,782	2,981,058	585.45%	146,260,439	53,221,264	174.82%
Cost per MWh - gas	\$ 34.87	\$ 24.28	43.59%	\$ 31.65	\$ 27.97	13.16%
Gas expense BB simple - variable	\$ 581,568	\$ 462,787	25.67%	\$ 3,729,113	\$ 1,807,920	106.27%
MMBTU's consumed	\$ 195,774	\$ 264,178	-25.89%	\$ 1,394,812	\$ 983,275	41.85%
\$/ per MMBTU consumed	\$ 2.97	\$ 1.75	69.57%	\$ 2.67	\$ 1.84	45.41%
kWh - gas generated (1)	18,111,301	25,274,700	-28.34%	131,125,849	100,150,087	30.93%
Cost per MWh - gas simple	\$ 32.11	\$ 18.31	75.37%	\$ 28.44	\$ 18.05	57.54%
Gas expense BB combined - variable	\$ 9,217,684	\$ 5,249,133	75.60%	\$ 60,191,815	\$ 45,971,100	30.93%
MMBTU's consumed	\$ 2,944,979	\$ 2,877,090	2.36%	\$ 21,035,732	\$ 21,544,287	-2.36%
\$/ per MMBTU consumed	\$ 3.13	\$ 1.82	71.56%	\$ 2.86	\$ 2.13	34.10%
kWh - gas generated (1)	431,153,788	421,141,163	2.38%	3,119,103,100	3,217,137,016	-3.05%
Cost per MWh - gas combined	\$ 21.38	\$ 12.46	71.53%	\$ 19.30	\$ 14.29	35.05%
Gas expense GEC simple - variable	\$ 1,644,260	\$ 1,419,216	15.86%	\$ 12,506,116	\$ 6,103,811	104.89%
MMBTU's consumed	\$ 499,564	\$ 665,069	-24.89%	\$ 3,686,583	\$ 2,696,288	36.73%
\$/ per MMBTU consumed	\$ 3.29	\$ 2.13	54.24%	\$ 3.39	\$ 2.26	49.85%
kWh - gas generated	45,449,155	61,497,433	-26.10%	337,182,623	245,083,546	37.58%
Cost per MWh - gas simple	\$ 36.18	\$ 23.08	56.77%	\$ 37.09	\$ 24.91	48.93%
Cost per MWh - gas & oil ct	\$ 23.96	\$ 14.45	65.82%	\$ 22.08	\$ 15.65	41.13%
Natural gas expense - fixed	\$ 3,259,813	\$ 3,050,025	6.88%	\$ 25,787,686	\$ 25,412,700	1.48%
Total generated power:						
Fuels expense	\$ 24,883,716	\$ 18,382,731	35.36%	\$ 184,864,138	\$ 143,322,425	28.98%
kWh generated	762,424,934	858,339,588	-11.17%	6,074,124,186	6,188,987,638	-1.86%
Cost per MWh	\$ 32.64	\$ 21.42	52.39%	\$ 30.43	\$ 23.16	31.42%

(1) Allocation of kWh generated is based upon a ratio of gas MBTU's (adjusted to oil equivalent - 95.5%) and oil MBTU's.

JEA
Electric System
Production Statistics (Continued)
May 2021 and 2020 (unaudited)

	Month			Year-to-Date		
	2021	2020	Variance	2021	2020	Variance
Production Statistics (Continued)						
Cost of fuels						
Natural gas	\$ 19,646,357	\$ 14,885,995	31.98%	\$ 144,214,470	\$ 110,577,691	30.42%
Petcoke	3,020,531	2,181,848	38.44%	24,976,607	21,332,825	17.08%
Coal	1,862,800	1,130,141	64.83%	11,956,716	10,086,325	18.54%
Fuel oil #2	197,841	184,747	7.09%	1,502,344	1,260,407	19.20%
Fuel oil #6	156,187	-		2,214,001	65,177	3296.91%
Total	\$ 24,883,716	\$ 18,382,731	35.36%	\$ 184,864,138	\$ 143,322,425	28.98%
Purchased power:						
<i>Plant Scherer</i>						
Purchases	\$ 4,669,130	\$ 2,134,437	118.75%	\$ 34,562,475	\$ 29,554,059	16.95%
kWh purchased	98,174,000	66,367,000	47.93%	725,509,000	398,455,000	82.08%
Cost per MWh	\$ 47.56	\$ 32.16	47.88%	\$ 47.64	\$ 74.17	-35.77%
<i>TEA & other</i>						
Purchases	\$ 10,809,596	\$ 6,294,152	71.74%	\$ 62,620,120	\$ 53,200,785	17.71%
kWh purchased	213,913,468	123,845,526	72.73%	1,026,763,396	1,111,403,940	-7.62%
Cost per MWh	\$ 50.53	\$ 50.82	-0.57%	\$ 60.99	\$ 47.87	27.41%
<i>SJRPP</i>						
Purchases	\$ 1,975,619	\$ 2,178,167	-9.30%	\$ 17,754,904	\$ 16,558,298	7.23%
Total purchased power:						
Purchases	\$ 17,454,345	\$ 10,606,756	64.56%	\$ 114,937,499	\$ 99,313,142	15.73%
kWh purchased	312,087,468	190,212,526	64.07%	1,752,272,396	1,509,858,940	16.06%
Cost per MWh	\$ 55.93	\$ 55.76	0.30%	\$ 65.59	\$ 65.78	-0.28%
Subtotal - generated and purchased power:	\$ 42,338,061	\$ 28,989,487	46.05%	\$ 299,801,637	\$ 242,635,567	23.56%
Fuel interchange sales	(209,786)	(233,973)	-10.34%	(894,007)	(1,064,389)	-16.01%
Earnings of The Energy Authority	(287,027)	(826,565)	-65.27%	(9,054,407)	(1,324,906)	583.40%
EPA Allowance Purchases	-	-	#DIV/0!	-	(17,000)	-100.00%
Realized and Unrealized (Gains) Losses	(883,350)	1,906,200	-146.34%	(3,206,700)	10,250,980	-131.28%
Fuel procurement and handling	924,422	1,335,707	-30.79%	8,817,138	8,906,310	-1.00%
By product reuse	508,687	256,831	98.06%	5,179,946	2,498,948	107.29%
Total generated and net purchased power:						
Cost, net	42,391,007	31,427,687	34.88%	300,643,607	261,885,510	14.80%
kWh generated and purchased	1,074,512,402	1,048,552,114	2.48%	7,826,396,582	7,698,846,578	1.66%
Cost per MWh	\$ 39.45	\$ 29.97	31.63%	\$ 38.41	\$ 34.02	12.93%
Reconciliation:						
Generated and purchased power per above	\$ 42,391,007	\$ 39.45		\$ 300,643,607	\$ 38.41	
SJRPP operating expenses:						
SJRPP debt service	\$ (1,975,619)	(1.84)		(15,773,211)	(2.02)	
SJRPP R & R	\$ -	-		(1,981,693)	(0.25)	
Scherer operating expenses:						
Scherer power production	\$ (219,603)	(0.20)		(5,991,332)	(0.77)	
Scherer R & R	\$ (157,827)	(0.15)		(1,812,781)	(0.23)	
Scherer transmission	\$ (546,937)	(0.51)		(4,899,706)	(0.63)	
Scherer taxes	\$ (113,773)	(0.11)		(942,877)	(0.12)	
Florida and other capacity	\$ (720,503)	(0.67)		(5,650,603)	(0.72)	
MEAG	\$ (2,079,204)	(1.94)		(17,605,009)	(2.25)	
Rounding	\$ 1	0.00		(1)	(0.00)	
Energy expense per budget page	\$ 36,577,542	\$ 34.04		\$ 245,986,394	\$ 31.43	

JEA

Page 25

Electric System Budget vs. Actual May 2021 and 2020 (unaudited)	Month				Prior Year Month	
	ANNUAL BUDGET	BUDGET	ACTUAL	Variance	ACTUAL	Variance
	2020-21	2020-21	2020-21	%	2019-20	%
Fuel Related Revenues & Expenses						
Fuel Rate Revenues	\$ 410,912,775	\$ 36,253,296	\$ 34,107,786	-5.92%	\$ 12,997,735	162.41%
Fuel Expense and Purchased Power:						
Fuel Expense - Electric System	307,626,283	26,576,821	25,433,476		21,881,470	
Other Purchased Power	66,547,723	5,813,935	11,144,066		4,656,612	
Subtotal Energy Expense	374,174,006	32,390,756	36,577,542	-12.93%	26,538,082	-37.83%
Transfer to (from) Rate Stabilization, Net	35,506,030	3,759,812	(2,470,653)		(13,560,470)	
Fuel Related Uncollectibles	1,232,739	102,728	897		20,123	
Total	410,912,775	36,253,296	34,107,786	5.92%	12,997,735	-162.41%
Fuel Balance	-	-	-		-	
Nonfuel Related Revenues						
Base Rate Revenues	793,579,500	70,014,550	66,475,471		63,915,610	
Conservation Charge Revenue	768,600	67,811	32,215		43,726	
Environmental Charge Revenue	7,814,100	689,409	649,144		634,045	
Investment Income	7,962,574	663,548	252,559		744,094	
Natural Gas Revenue Pass Through	967,784	80,649	64,708		36,740	
Other Revenues	131,989,836	2,095,101	2,367,699		1,569,558	
Total	943,082,394	73,611,068	69,841,796	-5.12%	66,943,773	4.33%
Nonfuel Related Expenses						
Non-Fuel O&M	239,699,869	16,195,909	15,849,862		15,016,813	
DSM / Conservation O&M	6,422,909	545,610	405,924		400,447	
Environmental O&M	1,891,598	156,047	82,282		144,070	
Rate Stabilization - DSM	750,691	62,558	87,405		96,884	
Rate Stabilization - Environmental	(9,423,646)	(785,304)	(414,959)		(201,061)	
Natural Gas Expense Pass Through	915,183	75,361	79,166		55,432	
Debt Principal - Electric System	59,140,000	4,928,333	4,928,333		5,065,833	
Debt Interest - Electric System	72,033,417	6,002,785	5,215,479		5,663,757	
Early Debt Retirement	106,848,624	-	-		-	
R&R - Electric System	64,012,472	5,334,373	5,211,688		5,468,637	
Operating Capital Outlay	217,292,441	25,000,000	25,000,000		23,000,000	
Operating Capital Outlay - Environmental	9,640,680	-	981,820		691,036	
City Contribution Expense	93,609,555	7,800,796	7,800,796		7,822,581	
Taxes & Uncollectibles	2,606,030	217,169	19,349		116,353	
Emergency Reserve	5,000,000	-	-		-	
<i>Nonfuel Purchased Power:</i>						
* SJRPP D/S Principal	14,175,000	1,181,250	1,181,250		1,111,667	
* SJRPP D/S Interest	9,893,940	824,495	800,443		843,913	
** Other Non-Fuel Purchased Power	48,573,631	4,047,803	2,588,286		2,172,664	
Total Nonfuel Expenses	943,082,394	71,587,185	69,817,124	2.47%	67,469,026	-3.48%
Non-Fuel Balance	-	2,023,883	24,672		(525,253)	
Total Balance	-	2,023,883	24,672		(525,253)	
Total Revenues	1,353,995,169	109,864,364	103,949,582	-5.38%	79,941,508	30.03%
Total Expenses	1,353,995,169	107,840,481	103,924,910	3.63%	80,466,761	-29.15%
KWH Sold - Territorial	12,810,000,000	1,130,178,000	1,056,663,797	-6.50%	1,032,729,786	2.32%
KWH Sold - Off System	-	-	5,797,000		237,000	
	12,810,000,000	1,130,178,000	1,062,460,797	-5.99%	1,032,966,786	2.86%

* Gross debt service

** Includes transmission capacity, SJRPP and Scherer R & R, O & M and Investment Income.

JEA						Page 26	
Electric System		Year-to-Date				Prior Year-to-Date	
Budget vs. Actual	ANNUAL BUDGET	BUDGET	ACTUAL	Variance	ACTUAL	Variance	
May 2021 and 2020 (unaudited)	2020-21	2020-21	2020-21	%	2019-20	%	
Fuel Related Revenues & Expenses							
Fuel Rate Revenues	\$ 410,912,775	\$ 251,127,008	\$ 244,004,790	-2.84%	\$ 219,130,503	11.35%	
Fuel Expense and Purchased Power:							
Fuel Expense - Electric System	307,626,283	189,503,093	195,654,521		164,961,663		
Other Purchased Power	66,547,723	38,979,814	50,331,873		42,136,028		
Subtotal Energy Expense	374,174,006	228,482,907	245,986,394	-7.66%	207,097,691	-18.78%	
Transfer to (from) Rate Stabilization, Net	35,506,030	21,822,275	(2,514,520)		11,850,445		
Fuel Related Uncollectibles	1,232,739	821,826	532,916		182,367		
Total	410,912,775	251,127,008	244,004,790	2.84%	219,130,503	-11.35%	
Fuel Balance	-	-	-		-		
Nonfuel Related Revenues							
Base Rate Revenues	793,579,500	484,991,610	477,610,034		463,315,175		
Conservation Charge Revenue	768,600	469,726	354,673		263,793		
Environmental Charge Revenue	7,814,100	4,775,543	4,645,720		4,553,740		
Investment Income	7,962,574	5,308,383	2,527,278		5,161,718		
Natural Gas Revenue Pass Through	967,784	645,189	529,872		443,521		
Other Revenues	131,989,836	16,760,808	124,327,181		40,919,491		
Total	943,082,394	512,951,259	609,994,758	18.92%	514,657,438	18.52%	
Nonfuel Related Expenses							
Non-Fuel O&M	239,699,869	164,137,037	126,101,507		134,738,748		
DSM / Conservation O&M	6,422,909	4,313,117	3,053,019		3,717,587		
Environmental O&M	1,891,598	1,267,411	541,175		622,803		
Rate Stabilization - DSM	750,691	500,461	1,062,881		271,472		
Rate Stabilization - Environmental	(9,423,646)	(6,282,431)	(1,657,826)		(3,451,685)		
Natural Gas Expense Pass Through	915,183	613,757	661,501		506,511		
Debt Principal - Electric System	59,140,000	39,426,667	39,426,667		40,526,667		
Debt Interest - Electric System	72,033,417	48,022,278	44,126,474		48,459,205		
Early Debt Retirement	106,848,624	106,848,624	106,848,624		55,154,065		
Rate Stabilization - Debt Management	-	-	-		(29,884,152)		
R&R - Electric System	64,012,472	42,674,982	41,693,500		43,749,100		
Operating Capital Outlay	217,292,441	134,000,000	134,000,000		98,000,000		
Operating Capital Outlay - Environmental	9,640,680	-	5,762,371		7,382,622		
City Contribution Expense	93,609,555	62,406,370	62,406,370		62,580,645		
Taxes & Uncollectibles	2,606,030	1,737,354	1,193,530		555,568		
Emergency Reserve	5,000,000	-	-		-		
* SJRPP D/S Principal	14,175,000	9,450,000	9,450,000		8,893,333		
* SJRPP D/S Interest	9,893,940	6,595,960	6,401,730		6,751,303		
** Other Non-Fuel Purchased Power	48,573,631	32,382,421	27,952,797		35,669,098		
Total Nonfuel Expenses	943,082,394	648,094,008	609,024,320	6.03%	514,242,890	-18.43%	
Non-Fuel Balance	-	(135,142,749)	970,438		414,548		
Total Balance	-	(135,142,749)	970,438		414,548		
Total Revenues	1,353,995,169	764,078,267	853,999,548	11.77%	733,787,941	16.38%	
Total Expenses	1,353,995,169	899,221,016	853,029,110	5.14%	733,373,393	-16.32%	
KWH Sold - Territorial	12,810,000,000	7,828,759,000	7,568,801,613	-3.32%	7,430,736,276	1.86%	
KWH Sold - Off System	-	-	21,673,000		15,857,000		
	12,810,000,000	7,828,759,000	7,590,474,613	-3.04%	7,446,593,276	1.93%	

* Gross debt service

** Includes transmission capacity, SJRPP and Scherer R & R, O & M and Investment Income.

Budget vs. Actual May 2021 and 2020 (unaudited)	Month				Prior Year Month	
	ANNUAL BUDGET 2020-21	BUDGET 2020-21	ACTUAL 2020-21	Variance %	ACTUAL 2019-20	Variance %
REVENUES						
Water & Sewer Revenues	\$ 465,323,338	\$ 42,914,953	\$ 43,957,099		\$ 42,385,004	
Capacity & Extension Fees	29,388,151	2,491,015	2,801,239		2,539,573	
Capital Contributions	-	-	-		10,000	
Investment Income	2,975,171	247,931	202,352		255,174	
Other Income	14,600,000	489,021	1,335,078		871,237	
Total	512,286,660	46,142,920	48,295,768	4.67%	46,060,988	4.85%
EXPENSES						
O & M Expenses	177,824,583	14,331,035	12,179,941		15,231,495	
Debt Principal - Water & Sewer	9,370,000	780,833	780,834		1,655,833	
Debt Interest - Water & Sewer	56,066,531	4,672,211	4,199,138		4,299,503	
Rate Stabilization - Environmental	-	-	933,133		633,650	
R&R - Water & Sewer	26,606,100	2,217,175	2,217,175		2,094,913	
Operating Capital Outlay	166,506,917	22,212,602	22,212,602		16,712,602	
Operating Capital Outlay - Capacity/Extension	29,388,151	2,449,013	2,801,239		2,539,573	
Operating Capital Outlay - Contributions	-	-	-		10,000	
Operating Capital Outlay - Environmental	16,783,512	1,398,626	840,021		723,885	
City Contribution Expense	26,402,695	2,200,225	2,200,225		2,079,420	
Uncollectibles & Fees	1,395,970	116,331	-		49,884	
Interlocal Agreements	942,201	-	-		-	
Emergency Reserve	1,000,000	-	-		-	
Total Expenses	512,286,660	50,378,051	48,364,308	4.00%	46,030,758	-5.07%
Total Balance	\$ -	\$ (4,235,131)	\$ (68,540)		\$ 30,230	
Sales kgals						
Water	40,425,000	3,974,789	3,856,999	-2.96%	3,989,883	-3.33%
Sewer	34,650,000	3,285,574	3,283,722	-0.06%	3,359,624	-2.26%
Total	75,075,000	7,260,362	7,140,721	-1.65%	7,349,507	-2.84%

Budget vs. Actual May 2021 and 2020 (unaudited)	Year-To-Date				Prior Year to Date	
	ANNUAL BUDGET 2020-21	BUDGET 2020-21	ACTUAL 2020-21	Variance %	ACTUAL 2019-20	Variance %
REVENUES						
Water & Sewer Revenues	\$ 465,323,338	\$ 305,651,449	\$ 298,384,178		\$ 300,428,392	
Capacity & Extension Fees	29,388,151	17,964,747	24,817,584		21,268,733	
Capital Contributions	-	-	161,057		60,000	
Investment Income	2,975,171	1,983,447	1,689,295		2,305,993	
Other Income	14,600,000	11,931,666	10,337,570		43,466,626	
Total	512,286,660	337,531,309	335,389,684	-0.63%	367,529,744	-8.74%
EXPENSES						
O & M Expenses	177,824,583	119,299,546	101,336,171		105,397,349	
Debt Principal - Water & Sewer	9,370,000	6,246,667	6,246,669		13,246,668	
Debt Interest - Water & Sewer	56,066,531	37,377,687	34,259,969		36,262,417	
Early Debt Retirement	-	-	-		48,195,881	
Rate Stabilization - Debt Management	-	-	-		(14,209,250)	
Rate Stabilization - Environmental	-	-	7,412,529		4,849,953	
R&R - Water & Sewer	26,606,100	17,737,400	17,737,400		16,759,300	
Operating Capital Outlay	166,506,917	119,100,816	119,100,813		111,300,813	
Operating Capital Outlay - Capacity/Extension	29,388,151	19,592,101	24,817,584		21,268,733	
Operating Capital Outlay - Contributions	-	-	161,057		60,000	
Operating Capital Outlay - Environmental	16,783,512	11,189,008	3,524,320		4,745,485	
City Contribution Expense	26,402,695	17,601,797	17,601,797		16,635,361	
Uncollectibles & Fees	1,395,970	930,647	639,444		372,677	
Interlocal Agreements	942,201	942,201	942,201		536,771	
Emergency Reserve	1,000,000	-	-		-	
Total Expenses	512,286,660	350,017,870	333,779,954	4.64%	365,422,158	8.66%
Total Balance	\$ -	\$ (12,486,561)	\$ 1,609,730		\$ 2,107,586	
Sales kgals						
Water	40,425,000	26,417,781	24,201,007	-8.39%	25,249,372	-4.15%
Sewer	34,650,000	22,572,379	21,346,864	-5.43%	21,519,591	-0.80%
Total	75,075,000	48,990,160	45,547,871	-7.03%	46,768,963	-2.61%

JEA

Page 28

District Energy System

Budget vs. Actual May 2021 and 2020 (unaudited)	Month				Prior Year Month	
	ANNUAL BUDGET 2020-21	BUDGET 2020-21	ACTUAL 2020-21	Variance %	ACTUAL 2019-20	Variance %
REVENUES						
Revenues	\$ 9,328,327	\$ 716,635	\$ 641,704		\$ 671,973	
Investment Income	-	-	129		2,387	
Total	9,328,327	716,635	641,833	-10.44%	674,360	-4.82%
EXPENSES						
O & M Expenses	5,193,927	415,845	386,625		307,888	
Debt Principal - Water & Sewer	1,770,000	147,500	147,500		143,750	
Debt Interest - Water & Sewer	1,253,891	104,491	104,491		107,963	
R&R - Water & Sewer	437,313	36,443	36,079		49,100	
Operating Capital Outlay	673,196	-	-		-	
Total Expenses	9,328,327	704,279	674,695	4.20%	608,701	-10.84%
Total Balance	\$ -	\$ 12,356	\$ (32,862)		\$ 65,659	

Budget vs. Actual May 2021 and 2020 (unaudited)	Year-To-Date				Prior-Year-to-Date	
	ANNUAL BUDGET 2020-21	BUDGET 2020-21	ACTUAL 2020-21	Variance %	ACTUAL 2019-20	Variance %
REVENUES						
Revenues	\$ 9,328,327	\$ 5,689,015	\$ 4,887,913		\$ 5,253,012	
Investment Income	-	-	1,737		53,181	
Total	9,328,327	5,689,015	4,889,650	-14.05%	5,306,193	-7.85%
EXPENSES						
O & M Expenses	5,193,927	3,424,853	2,694,331		2,736,753	
Debt Principal - Water & Sewer	1,770,000	1,180,000	1,180,000		1,150,000	
Debt Interest - Water & Sewer	1,253,891	835,928	835,928		863,700	
R&R - Water & Sewer	437,313	291,542	288,633		392,800	
Operating Capital Outlay	673,196	-	-		-	
Total Expenses	9,328,327	5,732,323	4,998,892	12.79%	5,143,253	2.81%
Total Balance	\$ -	\$ (43,308)	\$ (109,242)		\$ 162,940	



Board of Directors Meeting June 22, 2021

To submit a public comment to be read during the meeting, please email Madricka Jones at joneml@jea.com. Public comments must be received no later than 9:10am.

To provide public comment via WebEx, please refer to the Public Notice on jea.com for detailed instructions.

If you experience any technical difficulties during the meeting, contact Ontario Blackmon at (904) 665-4203 or JEA's WebEx Support Team at webexsupport@jea.com.



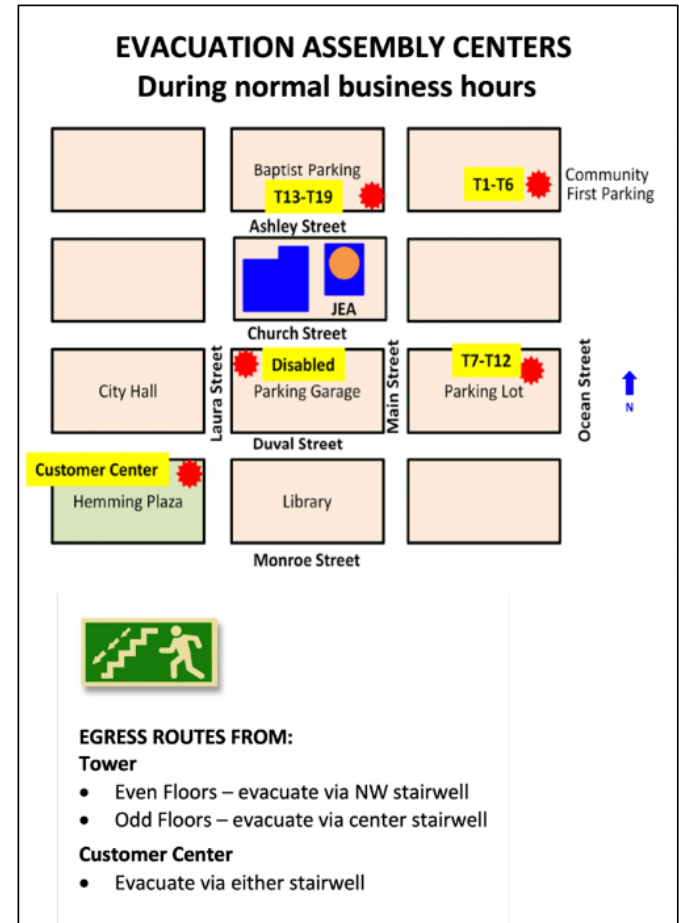
Build an **UNBEATABLE TEAM** Safety Moment and Briefing

Tom Wiertsema
Director, Customer Field & Meter Services



Safety Briefing

- In the event of an emergency, call 9-911 and alert others
- Emergency Evacuation Route (use stairwell)
- Assembly Location: Baptist Parking Lot (corner of Ashley & Main St.)
- Safety Partner (person to your right)
- Medical Conditions / CPR
- Hazard & Situational Awareness
- Cell Phone Etiquette



Safety Moment

DISASTER SUPPLY KIT CHECKLIST

General	First Aid	Important Documents
<input type="checkbox"/> At least two weeks supply of medication, medical supplies used regularly and a list of allergies <input type="checkbox"/> List of the style, serial number, and manufacturer information of required medical devices <input type="checkbox"/> Flashlight <i>Do not use candles and be sure to have enough batteries</i> <input type="checkbox"/> Radio <i>Battery operated or hand cranked radio, a NOAA weather radio</i> <input type="checkbox"/> Cash <i>Banks and ATMs may not be available after a storm</i>	<input type="checkbox"/> First Aid Manual <input type="checkbox"/> Sterile adhesive bandages of different sizes <input type="checkbox"/> Sterile gauze pads <input type="checkbox"/> Hypoallergenic adhesive tape <input type="checkbox"/> Triangular bandages <input type="checkbox"/> Scissors <input type="checkbox"/> Tweezers <input type="checkbox"/> Sewing needle <input type="checkbox"/> Moistened towellettes <input type="checkbox"/> Antiseptic <input type="checkbox"/> Thermometer <input type="checkbox"/> Tube of petroleum jelly <input type="checkbox"/> Safety pins <input type="checkbox"/> Soap <input type="checkbox"/> Latex gloves <input type="checkbox"/> Sunscreen <input type="checkbox"/> Aspirin or other pain reliever <input type="checkbox"/> Anti-diarrheal medicine <input type="checkbox"/> Antacid <input type="checkbox"/> Laxative <input type="checkbox"/> Cotton balls <input type="checkbox"/> Q-tips	<input type="checkbox"/> Insurance cards <input type="checkbox"/> Medical records <input type="checkbox"/> Bank numbers <input type="checkbox"/> Credit card numbers <input type="checkbox"/> Copy of social security card <input type="checkbox"/> Copies of birth and/or marriage certificates <input type="checkbox"/> Other personal documents Set of car, house, and office keys <input type="checkbox"/> Service animal I.D., veterinary records, and proof of ownership <input type="checkbox"/> Information about where you receive medication, the name of the drug, and dosage <input type="checkbox"/> Copy of will <i>*Items should be kept in a water proof container</i>
Pet Care Items	Food and Water	Vehicle
<input type="checkbox"/> Pet food and water <input type="checkbox"/> Proper identification <input type="checkbox"/> Medical records/microchip info <input type="checkbox"/> A carrier or cage <input type="checkbox"/> Muzzle and leash <input type="checkbox"/> Water and food bowls <input type="checkbox"/> Medications <input type="checkbox"/> Supplies for your service animal	<input type="checkbox"/> Food <i>Enough for at least seven (7) days, nonperishable packaged or canned food and beverages, snack foods, juices, baby food, and any special dietary items</i> <input type="checkbox"/> Non-electric can opener <input type="checkbox"/> Paper plates <input type="checkbox"/> Napkins <input type="checkbox"/> Plastic cups <input type="checkbox"/> Utensils <input type="checkbox"/> Water (1 gallon per person)	<input type="checkbox"/> Keep your motor vehicle tanks filled with gasoline
Clothing	Phone Numbers	COVID-19 Supplies
<input type="checkbox"/> Include seasonal or rain gear and sturdy shoes or boots.	<input type="checkbox"/> Maintain a list of important phone numbers including: county emergency management office, evacuation sites, doctors, banks, schools, veterinarian, a number for out of town contact, friends & family	<input type="checkbox"/> Face masks <input type="checkbox"/> Disinfectant wipes <input type="checkbox"/> Hand sanitizer
Special Needs Items		
<input type="checkbox"/> Be sure to include specialty items for infants, small children, the elderly, and those family members with a disability.		

Preparing for Hurricane Season

Individuals are encouraged to have at least 7 days of supplies in the event of a natural disaster. These supplies include food, water, medicine, first aid kit, batteries, etc. Adequately stocked supplies will better prepare individuals to face this hurricane season. Recommended supply kit checklist may be found at Florida Division of Emergency Management's website listed below.

Know Your Zone, Know Your Home

It's important for residents to know if they live in a flood evacuation zone during this hurricane season. These areas and buildings are most likely to be evacuated should flooding occur. Knowing your evacuation zone will help you better prepare and understand orders from local authorities.

For additional information: www.floridadisaster.org





Monthly Performance Update

Bob Kipp
Senior Director, Generation

JEA
June 22, 2021

JEA Performance Scorecard | Data through May 31, 2021

- Pay-for-Performance Measure
- ▲ Higher is good
- ▼ Lower is good
- On Plan or Better
- At Risk
- Unfavorable

		FY19	FY20	FY21 Goal	FY21 YTD	FY21 Forecast
UNBEATABLE TEAM	● ▼ Safety - Recordable Incident Rate (RIR)	1.51	0.95	≤ 1.4	0.91	≤ 1.0
	▲ Diversity - Female Representation %	21%	22%	N/A	22%	N/A
	▲ Diversity - People of Color Representation %	24%	25%	N/A	25%	N/A
	▲ Diversity - Veteran Representation %	19%	19%	N/A	19%	N/A
CUSTOMER LOYALTY	● ▲ Customer Satisfaction - Residential (JD Powers)	1st Quartile	3rd Quartile	1st Quartile	4th Quartile	4th Quartile
	● ▲ Customer Satisfaction - Commercial (JD Powers)	2nd Quartile	2nd Quartile	Top 10	4th Quartile	4th Quartile
	▼ Nitrogen to the River (tons)	397	299	450	244	391
	▼ Sanitary Sewer Overflows (per 100 miles of pipe)	36	48	30	24	30
	▼ Environmental Compliance - Permit Exceedances	0	1	< 4	1	1
BUSINESS EXCELLENCE	▲ Sales - Electric System (MWh)	12,366	12,185	12,200	7,569	12,315
	▲ Sales - Water System (Million Gallons)	37,696	38,272	38,500	24,201	37,541
	▲ Sales - Wastewater System (Million Gallons)	27,726	28,160	28,500	18,517	28,311
	▲ Sales - Reclaim (Million Gallons)	3,884	4,427	4,500	2,830	4,538
	▲ Revenue - Total System (\$M)	\$1,625	\$1,600	\$1,625	\$1,030	\$1,638
	▼ Outstanding Debt (\$M)	\$3,621	\$3,257	\$2,948	\$3,050	\$2,948
	▼ Operations & Maintenance (O&M) Spend (\$M)	\$381	\$393	\$432	\$232	\$374
	▼ Capital Spend (\$M)	\$499	\$387	\$499	\$203	\$406
	▼ Fuel & Purchased Power Expense (\$/MWh)	\$34.48	\$28.07	\$29.21	N/A	\$32.32
	● ▼ Electric Cost (\$/MWh)	\$63.68	\$50.95	\$53.51	N/A	\$47.97
	● ▼ Water Cost (\$/Kgal)	\$4.95	\$4.50	\$5.31	N/A	\$4.94
	● ▼ Wastewater Cost (\$/Kgal)	\$9.50	\$8.08	\$10.24	N/A	\$8.55
	▼ Reliability - System Average Interruption Duration Index (SAIDI) (12-month Rolling outages per year per customer)	65	89	75	78	79
	▼ Reliability - System Average Interruption Frequency Index (SAIFI) (12-month Rolling minutes per year per customer)	1.3	1.4	1.4	1.4	1.5
	▼ Reliability - Effective Forced Outage Rate (EFOR)	4.9%	2.3%	2.5%	4.6%	2.8%
▼ Reliability - Water Unplanned Outages (Number of Customers)	9,268	15,342	6,750	4,433	6,616	
▼ Water Pressure (average min < 30 psi)	8.8	4.0	3	2.3	3	

Pay for Performance currently forecasted at 3.3% of base salaries





FY2022 Proposed Rate & Fee Adjustments

Water, Sewer, & Electric

Juli Crawford
Director, Financial Planning &
Analysis



June 2021

FY2022 PROPOSED RATE & FEE ADJUSTMENTS

AGENDA



Part One: Water & Sewer Rate Adjustments

- Capacity Fees
- Tap & Meter Fees
- Large Commercial
Water Rates



Part Two: Electric Rate Adjustments

- Base Rate
- Bill Impacts



Part Three: Timeline

- Recommendations
- Public Hearing
- Communications



Part Four: Next Steps

- Staff recommendations
presented to the Board of
Directors for feedback and
direction

RATES & FEES

Overview

Water & Sewer

Rate Adjustment Recommendations

- ? Plant Capacity Fees
- ? Tap & Meter Fees
- ? Large Commercial Water Rate

Other Tariff Administrative Items

- Backflow Prevention Devices
- Use of funds – Line Extension Growth Capacity Charges
- Fire Protection language
- Tariff Reformat

Electric

Rate Adjustment Recommendations

- ? Energy Rate

Other Tariff Administrative Items

- Economic Development Programs
- Remove Residential Flex Rate Pilot
- Other format edits

WATER & SEWER RATE ADJUSTMENTS

CAPACITY FEES

WATER & SEWER COST RECOVERY STRUCTURE

Water & Sewer Capacity Project Costs

Capacity fees and charges are one-time fees paid by builders or customers connecting to the system to recover the cost of capacity expansion. A large portion of our Capital Improvement Plan (CIP) is driven by growth and providing additional water, sewer, and/or reclaimed capacity. These projects are a direct indication of the cost to connect new customers.

JEA's rate consultant, Stantec, has reviewed calculations and fees.



	Cost Allocated To Expansion (Five Year CIP)	Expansion Capacity	Total Cost Per Gallon	Calculated ³ / ₄ " Capacity Fee
Water	\$59 million	12.57 MGD	\$4.68 (Current Fee Basis \$0.97)	\$1,989* (Current Fee \$680)
Sewer	\$268 million	10.5 MGD	\$25.57 (Current Fee Basis \$3.64)	\$5,114 (Current Fee \$1,274)

Current project costs indicate a higher cost for connection than current fees collect



*Includes fees for Water & Irrigation

MGD = million gallons per day

Sewer projects have a Reclaim component built into total project cost

Costs per gallon do not calculate due to rounding – calculated by dividing total MGD by gallons per day for a ³/₄" connection, then dividing that into total project cost for cost per gallon

CAPACITY FEES

WATER & SEWER RATE ADJUSTMENTS

Current water and sewer capacity fees have been in place, unchanged, for the past 15+ years

Based on feedback from stakeholders and conversations with the Northeast Florida Builders Association, JEA is focused on providing a transition into recommended fees over time to assist in absorbing the costs gradually

		Recommended ¾" Capacity Fee					Estimated Additional Annual Revenue ¹	
		Current	Oct '21	Apr '22	Oct '22	Apr '23	FY22	FY23
Water		\$339.50	\$380.00	\$566.00	\$752.00	\$936.00	\$3M	\$5M
Irrigation		\$339.50	\$427.50	\$636.75	\$846.00	\$1,053.00	\$1M	\$2M
Sewer		\$1,274.00	\$1,824.00	\$2,920.00	\$4,016.00	\$5,114.00	\$17M	\$29M

Staff recommends phasing in proposed capacity fees over a 2 year period effective October 1, 2021

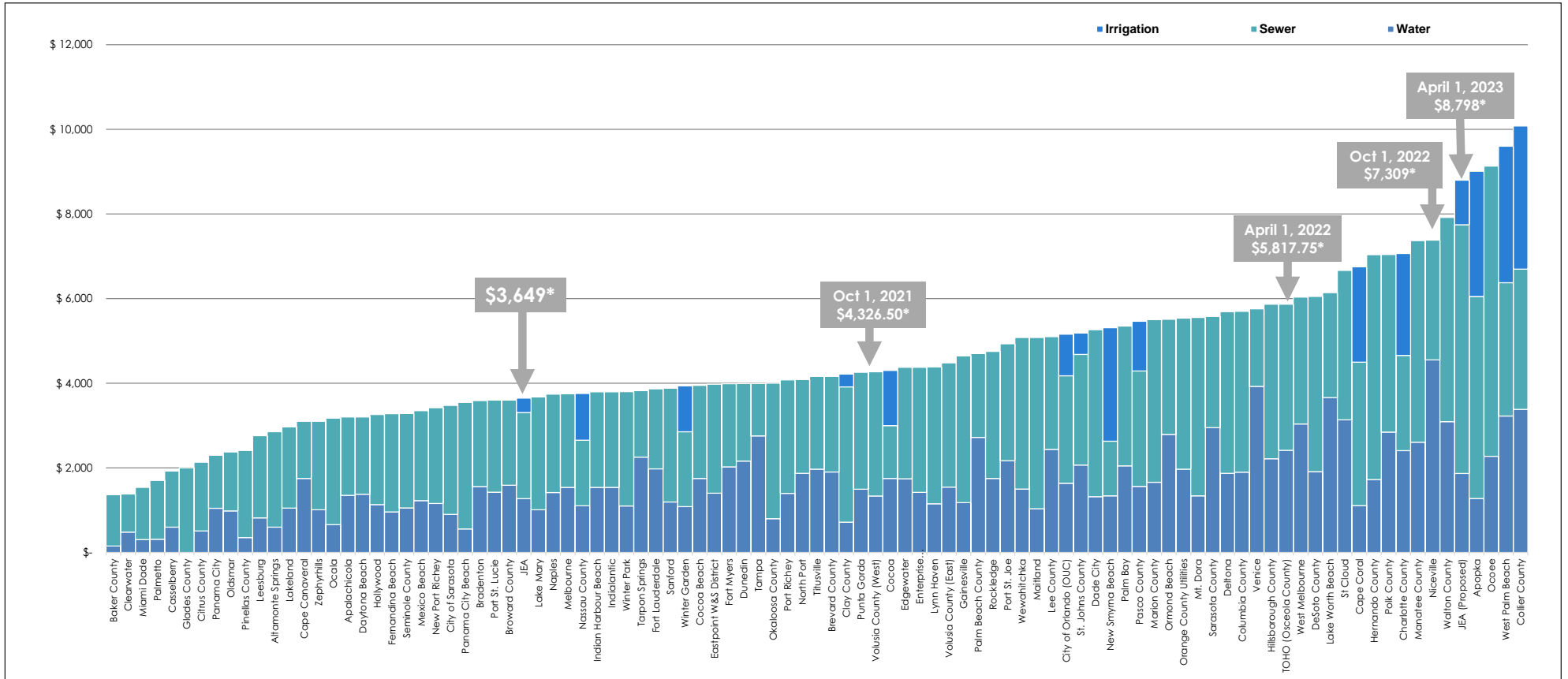


¹Based on FY20 New Connections

See supplemental information for recommended capacity fees for all meter sizes

BENCHMARKS

FLORIDA COMBINED CAPACITY FEES



*Note: Includes Line Extension Growth Capacity Charges of \$1,695; No adjustments recommended at this time. Staff will evaluate pricing and make recommendations in the future.

TAP AND METER FEES

WATER & SEWER RATE ADJUSTMENTS

Tap & Meter Costs and Customer Fees

Meter and Tap Fees are paid by customers connecting to the system to recover the cost of the meter and tap materials and labor to sufficiently serve the maximum quantities of water and sewer permitted by the customers. The associated costs include, but are not limited to, meters, modules, cable, piping and outdoor casing.

JEA is under-collecting approximately \$1.6 million annually on ¾" meter sets and taps alone



	Current Fee	Recommended Fee <i>(equal to cost)</i>
¾" Meter Set	\$202.30	\$300
1" Tap	\$610	\$1,360

Staff recommends setting tap & meter fees equal to cost



See supplemental information for recommended tap & meter fees for all sizes

LARGE COMMERCIAL WATER

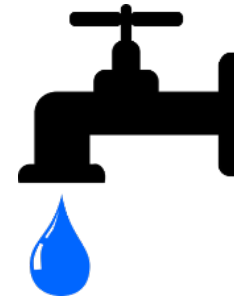
WATER & SEWER RATE ADJUSTMENTS

Large Commercial: Water rates for 10" meters and larger

JEA currently allows commercial water users with a 10" meter or larger access to a discounted water usage rate. Based on the current rate structure, this large meter rate of \$1.24 represents a \$.25 discount below the standard Commercial rate of \$1.49 per thousand gallons used.

This pricing structure is not supported by the cost of service, as these larger meters demonstrate greater peaking activity than those smaller than 10".

There are currently 53 customers that have a 10" water meter and 3 Customers with a 12" meter. Over \$400,000 impact without the discount



Staff recommends setting all commercial volume charges equal, as is supported by the cost of service study





ELECTRIC RATE ADJUSTMENTS

BASE RATE

ELECTRIC RATE ADJUSTMENTS

Per Pricing Policy

"The Base Rate will recover expenditures necessary to operate and maintain the system, depreciation expense, capital required to maintain the system, the necessary contribution to the City, any special charges for programs adopted by JEA and approved by the Board, and additional revenues required to maintain the financial integrity of the System."

Annual Cost (Revenue Requirements)	5 Year Forecast
Operation & Maintenance	
Power Purchase Obligations	
Depreciation	
City Contribution	

Increasing costs primarily driven by Vogtle Municipal Electric Authority of Georgia (MEAG) Power Purchase Agreement (PPA) are driving the need for additional revenues to recover the cost and maintain financial integrity



BASE RATE

Plant Vogtle / Municipal Electric Authority of Georgia (MEAG) Power Purchase Agreement (PPA)

Impact of initial operation date of 2016 delayed to 2021:

- Total JEA cost has increased over \$900 million
- Fuel expenses were roughly \$90 million more 2016-2021
- JEA generation expenditure plans were altered to accommodate the unfulfilled 200MW of nuclear power since 2016

Total Non-Fuel Vogtle Payments (\$ in millions)

FY22	FY23	FY24	FY25
\$102	\$159	\$167	\$168

JEA has mitigated a portion of the Vogtle MEAG Power Purchase Agreement (PPA) expense with the following actions:

- St. John's River Power Park (SJRPP) closure
- Agreement to replace Scherer Unit 4 with corresponding Florida Power & Light (FPL) PPA
- Utility scale solar PPA
- A significant amount of debt reduction

Despite these efforts, base rate increases are necessary to recover expenses associated with the Vogtle / MEAG PPA

ENERGY RATE

ELECTRIC RATE ADJUSTMENTS

Recommended

Raise Energy Rate by
\$0.00183/kWh

Estimated Additional Revenue

\$22M

RESIDENTIAL BILL IMPACT

Average residential bill based on 1,000 kWh per month

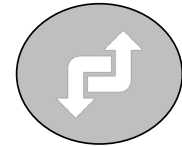
Current		FY22 Proposed	
Basic Monthly Charge	\$5.50	Basic Monthly Charge	\$5.50
Energy Charge	69.88	Energy Charge	71.71
Environmental Charge	0.62	Environmental Charge	0.62
Fuel Charge	32.50	Fuel Charge	30.50
<hr/>		<hr/>	
Total <i>before taxes and fees</i>	\$108.50	Total <i>before taxes and fees</i>	\$108.33
Taxes and Fees	14.84	Taxes and Fees	15.01
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Total <i>after taxes and fees</i>	\$123.34	Total <i>after taxes and fees</i>	\$123.34



Note: ISXLD energy rate change \$0.00182/kWh

RATE CLASS IMPACTS

ELECTRIC RATE ADJUSTMENTS



	Number of Customers	Total Current Typical Bill Amount (includes taxes)	Total New Typical Bill Amount (includes taxes)	\$ Change in Typical Bill Amount
Residential	430,000	\$123.34	\$123.34	\$0.00
General Service	50,000	\$310.02	\$309.99	(\$0.03)
General Service Demand	4,000	\$7,462.88	\$7,462.20	(\$0.68)
General Service Large Demand	135	\$75,390.00	\$75,382.00	(\$8.00)
Interruptible	45	\$290,151.00	\$290,111.00	(\$40.00)

With the fuel charge decrease, **all customer class energy rate increases will result in an essentially bill neutral impact**

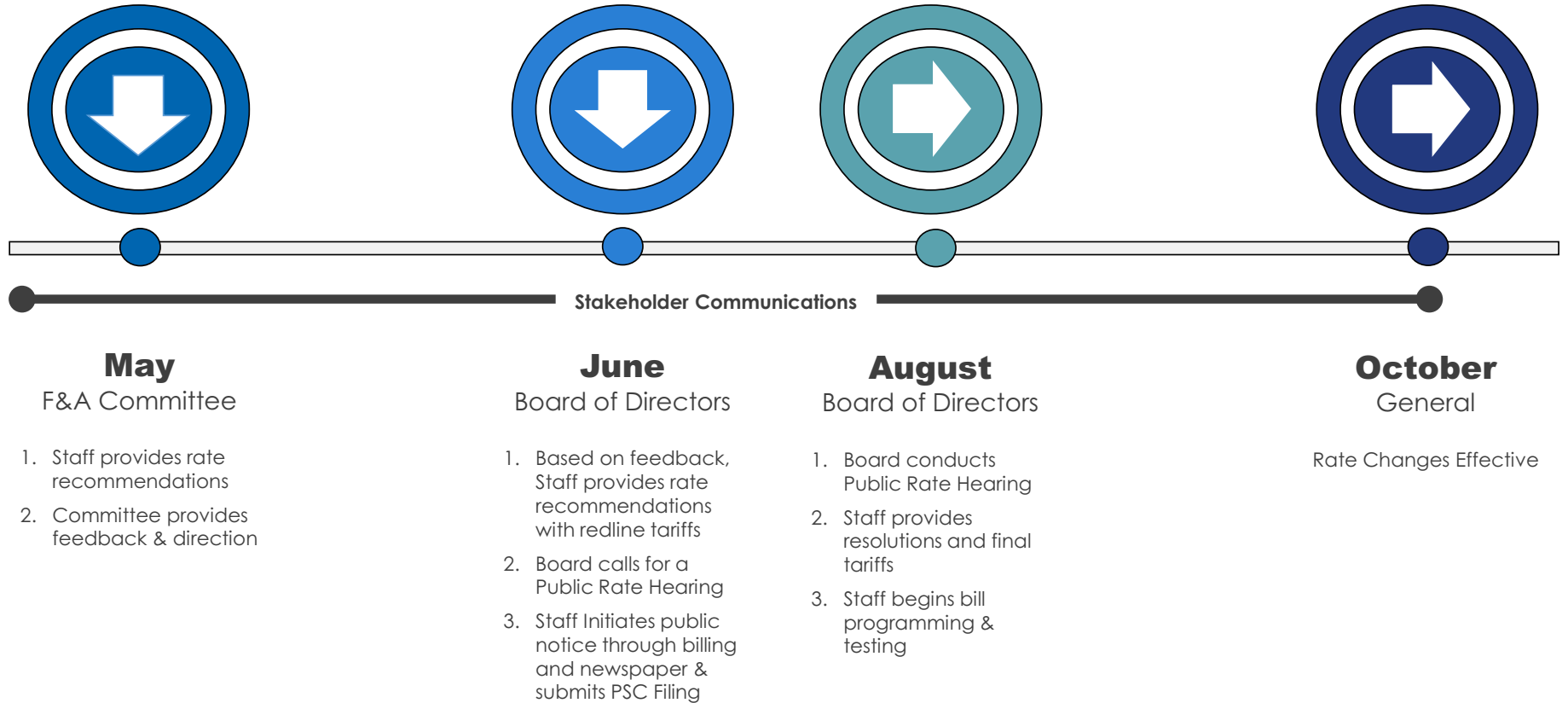


Note: Rate changes subject to Board approval and PSC submission

TIMELINE & NEXT STEPS

RATES & FEES




TIMELINE




RATES & FEES

Next Steps

Staff recommends the Board call for a Public Rate Hearing to consider:

Water & Sewer	
Rate Adjustment Recommendations	
	Plant Capacity Fees
	Tap & Meter Fees
	Large Commercial Water Rate
Other Tariff Administrative Items	
<ul style="list-style-type: none"> • Backflow Prevention Devices • Use of funds – Line Extension Growth Capacity Charges • Fire Protection language • Tariff Reformat 	

Electric	
Rate Adjustment Recommendations	
	Energy Rate
Other Tariff Administrative Items	
<ul style="list-style-type: none"> • Economic Development Programs • Remove Residential Flex Rate Pilot • Other format edits 	





Plant Vogtle Units 3 & 4 External Technical Consultant Report

Joe Orfano
Interim VP, Financial Services
and Treasurer

Bill Kemp
Director, Roland Berger LP



June 22, 2021



JEA - MEAG
Vogle Cost Exposure Assessment
Bill Kemp, Director – Roland Berger LP

June 22, 2021



Roland Berger/Modus project evaluation approach



Compare the Project's "Report over Report" forecasting from VCM19 to VCM24 – review performance metrics (SPI and CPI) and planned v. actual results.¹⁾



Review Project Risk Register to assess risks that have high probability to be realized and evaluate impact to Project cost & schedule.



Assess Project's future forecasted performance (projected "bow wave") and backwards (performance projection versus forecast) as demonstrated in the Reports.



Develop scenarios of possible completion timelines for Unit 3 and Unit 4, based on schedule performance measures and other supporting data.



Review schedule scenarios with on-site team and during site tour.

Outside assessment based on expertise and available information

1) VCM = Vogtle Construction Monitoring report
SPI = Schedule Performance Index
CPI = Cost Performance Index

Executive Summary

Vogtle's Estimate at Completion (EAC) is highly likely to exceed Georgia Power's current Cost Forecast (VCM24 – Mar 2021)

- Project forecasts have consistently erred on the low side.
- Management of performance metrics to support the announced schedule is clouding the forecast for meeting major milestones
- A projected huge turn-around in productivity for Unit 4 is unsupported by data and extremely unlikely at this late stage of a Project
- Unit 4's completion for the last 25% of construction will likely mirror Unit 3. There is no evidence that Unit 4 will improve on Unit 3.
- Nuclear plant construction history clearly shows that schedule and cost increases in the final phases are far more likely than decreases.
- Incentives may not be aligned to minimize costs.

Executive Summary

Evaluated schedule scenarios

Based on our review (as of April 13, 2021) of the Project’s performance, there is continued schedule and cost pressure to JEA’s share of Vogtle 3/4. We have assessed four potential outcomes based on the facts reviewed and the current Project trends. These Scenarios 1-4 are outlined below, with the current Southern forecast in VCM 24 as a baseline.¹⁾ On the following page, we assess the progress that would have to be achieved at the Project to realize each of the four scenarios.

Scenario 1 – VCM 24 forecast is realized	Scenario 2 - Unit 3 ~3 month delay to; Unit 4 meets VCM 24 schedule	Scenario 3 - ~6 month delay to Unit 3; ~4-5 month delay to Unit 4	Scenario 4 - >6 month delay to both units
<ul style="list-style-type: none"> • This scenario is outdated; Southern Company has confirmed delays to Hot Functional Testing (HFT) on Unit 3 (See Southern Co’s 8-K Statement of March 19, 2021). • Project’s Current Forecast (VCM 24) of \$17.9B for both units has been exceeded with announced delays to Unit 3’s (HFT). • VCM24’s forecast equates to a JEA incremental cost share of \$75M per the 2019 Joint Ownership Agreement 	<ul style="list-style-type: none"> • The lowest credible EAC scenario • Accounts for known delays and reflects additional impacts up to 3-months for each unit • Meeting this scenario requires significant improvement over current forecasts, particularly on Unit 4 where productivity issues will have to be addressed immediately • Also assumes no new problems or issues in remaining work 	<ul style="list-style-type: none"> • Unit 3’s ongoing start-up risks and high likelihood of productivity issues on Unit 4’s execution result in delays of approximately 5-6 months for each unit. • Unit 4 has thus far been less productive than Unit 3 <ul style="list-style-type: none"> > There is no demonstrable lessons learned program from Unit 3 to Unit 4 > Without a step-change in management, Unit 4’s remaining work is <i>likely</i> to mirror Unit 3’s last 25% of work. 	<ul style="list-style-type: none"> • There is a low-to-moderate probability the Project delays could exceed 6 months for each unit • Reasons this scenario could materialize: <ul style="list-style-type: none"> > Schedule and cost risks in first-of-a-kind nuclear plants skew toward the high side > Unit 4 does not leverage Unit 3 learnings substantially > Unit 3 delays continue to divert management attention > New problems arise

1) Baseline schedule is Nov 2021 for Unit 3 and Nov 2022 for Unit 4

Executive Summary

Completion scenarios – what must occur

Roland Berger/Modus Assessment of Potential Range of Vogtle 3/4 Outcomes – Based on VCM 24 (February 2021) Forecast				
	Scenario #1	Scenario #2	Scenario #3	Scenario #4
Outcome	VCM 24 Forecast (realized)	Unit 3 ~3 Mo. Delay to; Unit 4 meets VCM 24 (current)	~6 Month Delay to Unit 3; ~4-5 months Delay to Unit 4	>6 Month Delay to Both Units
<i>Unit 3 Start-up</i>	<ul style="list-style-type: none"> Meets schedule including absorbing ~2 month delay COD – 1Q 2022 	<ul style="list-style-type: none"> Continued test related and First-of-Kind (FOAK) Delays; ~3 months COD late 1Q 2022 	<ul style="list-style-type: none"> Continued discovery of testing and FOAK issues; ~3-6 months COD 2Q 2022 	<ul style="list-style-type: none"> Unit 3 continues to encounter testing and FOAK delays +6 months COD 2Q 2022 or later
<i>Rework – both Units</i>	<ul style="list-style-type: none"> Electrical cable issue is fully identified; Repair is minimal for both units No other significant rework is found Total impact 2-4 months 	<ul style="list-style-type: none"> Electrical cable - Unit 3 fix impacts transition to Unit 4 construction Minimal known additional discovery work, with likely Unit 3 HFT discovery issues Impact of rework could be 3-6 months; could be mitigated on Unit 4 with effective lessons learned 	<ul style="list-style-type: none"> Cable issue is significant delay to Unit 3 Potential additional rework/repair/replace identified during and after HFT. Engineered solutions required. Total impact 6+ months to Unit 3, with potential for rework on Unit 4 	<ul style="list-style-type: none"> Cable issue is significant delay to Unit 3, impact ripples into Unit 4 Significant additional rework/repair/replace is identified during and after HFT requiring engineered solutions and potential procurements Total impact 6+ months
<i>Unit 4 Remaining Work</i>	<ul style="list-style-type: none"> Labor productivity improves by 65% over Unit 3's performance Unit 4 work finishes ~6 months earlier than anticipated by VCM24 	<ul style="list-style-type: none"> Labor productivity improves on Unit 3's remaining performance by 35% by incorporating lessons learned and knowledge transfer Unit 4 work finishes on or near schedule with VCM24 	<ul style="list-style-type: none"> Current Project CPI cumulative forecast (~1.69) is realized, increasing Unit 4 labor hours by at least 10-15% over VCM24 Unit 4 work finishes ~4-5 months later than VCM24 	<ul style="list-style-type: none"> Labor productivity further deteriorates Project does not reduce labor in effort to meet schedule, resulting in CPI >1.75 for Unit 4 Total Unit 4 construction delay >6 months
<i>Unit 4 Start-up</i>	<ul style="list-style-type: none"> Lessons learned from Unit 3 result in reducing start-up by ~2-3 months 	<ul style="list-style-type: none"> Unit 4 start-up meets aggressive rebaselined plan; doesn't experience Unit 3 FOAK delays 	<ul style="list-style-type: none"> Unit 4 start-up is rebaselined to incorporate expected Unit 3's actual start-up duration 	<ul style="list-style-type: none"> Unit 4 start-up is rebaselined to incorporate expected 6+ months from Unit 3's actual duration
<i>Overhead and Indirect Costs</i>	<ul style="list-style-type: none"> Significant (+50%) reduction in Project Management Team (PMT) Overhead burden on Unit 3 incorporates significant future Unit 4 cost 	<ul style="list-style-type: none"> Unit 4 PMT reduced to ~50% of current level All additional overhead and indirect costs are borne on Unit 4 once Unit 3 completes 	<ul style="list-style-type: none"> Unit 4 PMT maintained close to current level in attempt to reduce schedule delays All additional overhead and indirect costs are borne on Unit 4 once Unit 3 completes 	<ul style="list-style-type: none"> Unit 4 PMT maintained close to current level in attempt to reduce schedule delays All additional overhead and indirect costs are borne on Unit 4 once Unit 3 completes
<i>Likelihood of EAC</i>	Very unlikely (less than 10%)	Less likely than not (20-50%)	More likely than not (50-85%)	Less likely than not (5-15%)

Conclusions

- Delays (beyond VCM 24 schedule) for each Vogtle unit are most likely to be a mix of our Scenarios 3 and 4.
- More like Scenario 3 if Southern's most recent public pronouncements on schedule are realized
- More like Scenario 4 if the expectations of the Georgia PSC's Vogtle monitor prove closer to the eventual truth
- The cost implications of schedule delays depend on the efficiency of resource utilization by Bechtel and Southern.
- JEA's recent financial disclosure, as it relates to Plant Vogtle and Project J, is consistent with the Roland Berger-Modus report.



Policy Reviews Delegation of Authority

Jody Brooks
Chief Administrative Officer



June22, 2021

DELEGATION OF AUTHORITY

MATTERS RESERVED FOR THE BOARD

- JEA matters that require the Jacksonville City Council's review and approval, including the JEA annual budget
- Establishment or alteration of rates, assessments, fees or charges for retail service
- Contracts, agreements or financial instruments that exceed fifty million dollars (\$50,000,000)
- Approval of and changes to an approved annual budget that exceed five million dollars (\$5,000,000)
- Settlement of litigation matters that exceed one hundred fifty thousand dollars (\$150,000)
- Annual financial disclosure documents for the Electric System, Water/Wastewater System, and District Energy System, and any other systems as may be established in the City Charter
- Managing Director and Chief Executive Officer ("MD/CEO") engagement, performance review and succession planning
- Implementation or changes to JEA voluntary giving programs
- Any other matters required by the JEA City Charter, including Article 21 (JEA), that cannot be so delegated
- All matters with the potential to have a material impact on the reputation of the organization

