



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

CAPITAL PROJECTS COMMITTEE

JEA Headquarters | 1st Floor | Room 120 A & B | 225 N. Pearl Street, Jacksonville, FL 32202

October 31, 2025 | 9:00 am

Members: Rick Morales, Chair, John Baker, and Arthur Adams – All Board Members are Welcome

WELCOME

Meeting Called to Order

Adoption of Agenda

Rick Morales, Chair

Approval of Minutes – May 23, 2025 (Action)

Safety Briefing

Brandon Edwards, Director, Security & Emergency Preparedness

COMMENTS / PRESENTATIONS

Comments from the Public

Public

FOR COMMITTEE CONSIDERATION

DELIVERING BUSINESS EXCELLENCE

[H2.0 Purification Center Entrance Road Improvements](#) (Action)

Rob Zammataro, Chief Water Systems Officer

[Major Project Updates](#)

Rob Zammataro, Chief Water Systems Officer
Sean Conner, Director, Water/Wastewater Project
Engineering and Construction

- [138kV / 230kV Fulton Cut Replacement Update](#)
- [Combined Cycle Update](#)

Ricky Erixton, Chief Electric Systems Officer

OTHER BUSINESS & CLOSING CONSIDERATIONS

Old & Other New Business / Open Discussion

Announcements – Next Meeting February 11, 2026

Rick Morales, Chair

Adjournment

SUPPLEMENTAL INFORMATION

Appendix A: [Capital Projects Committee Minutes – May 23, 2025](#)

Appendix B: [H2.0 Purification Center Entrance Road Improvements](#)

Appendix C: [Major Project Updates](#)

Appendix D: [138kV / 230kV Fulton Cut Replacement Update](#)

Appendix E: [Combined Cycle Update](#)

Appendix F: [Major Capital Projects List](#)

BOARD CALENDAR

2025 Board Meetings – November 18

Finance, Governance, and Audit Committee – November 12

2026 Board Meetings – January 27, February 24, March 31, May 19, June 30, August 25, September 29, October 27,
November 17

2026 Committees

Finance, Governance, and Audit Committee – January 21, February 19, August 17, October 19

Capital Projects Committee – February 11, May 6, September 15, October 14

Budget Workshop – June 9

Executive Committee – Date TBD



Building Community

CAPITAL PROJECTS COMMITTEE

OCTOBER 31, 2025

IMPROVING LIVES...BUILDING COMMUNITY



Safety Briefing

Brandon Edwards, Director, Security & Emergency Preparedness

Dylan Grffis, Hunter Thomas, Dustin Reilly, Apprentice Linemaintainers





Safety Briefing Headquarters

In the event of an emergency, JEA Security will call 911 and coordinate any required evacuation

Emergency Evacuation Route: Exit building via Pearl Street main entrance/exit or Monroe Street exit to the left of the American flag

Assembly Point: Front of Duval County Clerk of Courts (NW corner of Adams St. & Clay St.)

Evacuation or Medical Assist: Notify JEA Security Officer

Hazard & Situational Awareness

Cell Phone & Computer Etiquette



Pearl Street Exit



**Monroe Street Exit
Left of the American Flag**



County Courthouse Lawn



Comments From The Public

Public





H2.0 Purification Center Entrance Road Improvements

Rob Zammataro, Chief Water Systems Officer

Action

H2.0 Purification Facility

H2.0 Purification Center Project Scope Modification



Project Status

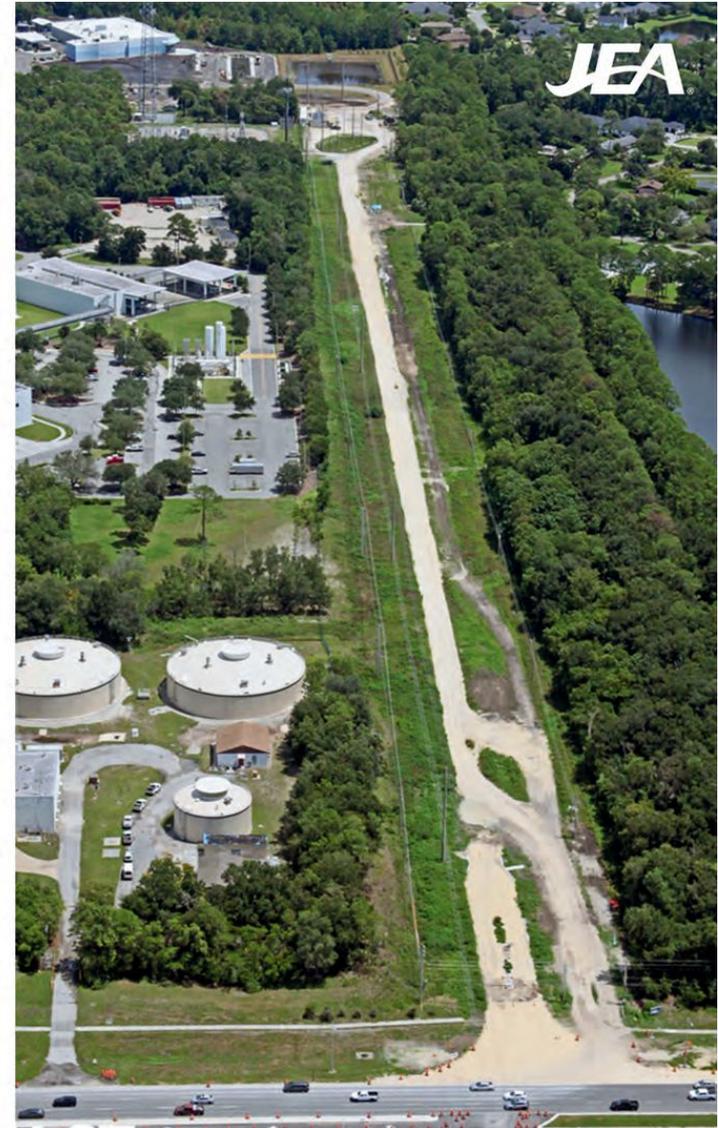
- Construction is 85% complete
- Current contract \$83,506,772.37 (through Amendment 7)
- Final Completion is anticipated Spring 2026

Project Modification

- Staff recommends paving and stormwater drainage improvements to the 0.6-mile entrance road which leads to the H2.0 facility for an estimated \$900k

Justification

- Designed to minimize operation and maintenance costs associated with high traffic volume
- Supports employees, deliveries, and large number of anticipated visitors for meetings and events
- Shared access roadway used by:
 - Water Operations and Environmental – well sites and monitoring wells
 - Electric Distribution and Transmission – substation access
 - Telecom – communications tower
 - IT/Infrastructure – fiber network maintenance



Requested Action

Staff requests the committee recommend the Board approve \$900k, increasing the maximum indebtedness to \$84,406,772.37 to The Haskell Company for the H2.0 Purification Center project and authorize the CEO to execute any amendment(s) to the contract on behalf of JEA.



Major Project Updates

Rob Zammataro, Chief Water Systems Officer
Sean Conner, Director, Water/Wastewater Project Engineering & Construction

Arlington East Purification Facility





Southwest Water Reclamation Facility Expansion

Project Purpose:

Expand the WRF facility from 16 MGD to 18 MGD to support continued growth in the Southwest service area

Project Scope

- Headworks screens & grit removal expansion
- Additional Biological Nutrient Removal (BNR) reactor
- Additional secondary clarifier
- Secondary treatment filtration (disc filters)
- UV disinfection system expansion
- Return Activated Sludge (RAS) & Waste Activated Sludge (WAS) system expansion
- Plant drain & chemical feed system expansion
- Effluent pump station & outfall pipeline capacity increase
- Design Budget: \$13M
- Construction Budget: \$112M



Southwest Water Reclamation Facility

Design Request for Proposals – October 2025; Design Start Date – June 2026



Hogans Creek District Energy System (DES) Plant Expansion

Project Purpose

- Support DES expansion to serve the Stadium of the Future and future customers (e.g., MOSH)
- Full plant build-out: 10,000 tons total capacity; 8,000 tons firm capacity

Project Scope

- Two additional centrifugal chillers
- Two chilled water pumps
- Six cooling tower cells with associated pumping
- Additional transformer, electrical panels, Motor Control Center (MCC), and switchgear
- Demolition of existing thermal energy storage tank

Schedule

- Design Start: June 2024
- Construction Start: October 2025
- Substantial Completion: October 2026

Cost Estimate

- Construction: \$48M



Hogans Creek District Energy System Plant

Construction Start - October 2025



138kV / 230kV Fulton Cut Replacement Update

Ricky Erixton, Chief Electric Systems Officer

138kV / 230kV Fulton Cut Replacement Update

Materials

- WESCO (Bulk Materials) PO issued on June 23, 2025, arrival expected January 2026
- GRESCO (Optical Ground Wire) PO issued on May 6, 2025, arrival expected January 2026
- Southwire (Conductor) 16 of 20 reels delivered
- Valmont (Structures) PO issued on February 28, 2025
Anchor bolts arrived in August 2025
Structures to arrive between February 2026 and June 2026
- SPX (Hardware) PO issued on March 6, 2025, arrival expected in November 2025



Combined Cycle Update

Ricky Erixton, Chief Electric Systems Officer

St. Johns River Power Park



Electric Resource Needs Update

Power Island Solicitation:

- Highest ranked vendor: GE Vernova
- 7HA.03 1x1 Combined Cycle technology

Market Test Solicitation:

- Highest ranked proposal: Response 2
- 600 MW Intermediate - Peaking System Product, 30-year agreement

Key Updates:

- Highest ranked option: Self-build 1x1 CC
- August 26, Board approved staff recommendation of self-build option
- September 26, JEA executed the Reservation Agreement with GE Vernova
- December 19, Final Equipment Purchase Agreement



JEA is currently negotiating the equipment purchase agreement with GE Vernova to finalize all contractual terms



Combined Cycle – Next Steps



Regulatory Approvals

File a Need For Power (NFP) petition with the Florida Public Service Commission (FPSC)

Submit a Site Certification Application (SCA) to the Florida Department of Environmental Protection (FDEP)



Project Procurement

Issue and evaluate an Engineering, Procurement, and Construction (EPC) solicitation

Advance procurement of the Power Island and other critical long-lead equipment



Board Engagement

Provide regular progress updates to the Board on regulatory, procurement, and construction milestones

Old and Other New Business / Open Discussion

Rick Morales, Chair

Arlington East WRF





Announcements

Next Board Meeting - November 18, 2025

Next Capital Projects Meeting - February 11, 2026

Jason Jolly, Wayne Jones, Patrick Ethridge, Brent Moring, Ryan Cohee, Robbie Addy

JEA CAPITAL PROJECTS COMMITTEE MINUTES

May 23, 2025

The Capital Projects Committee of the JEA Board met at 2:00 pm on Thursday, May 23, 2025, on the 1st Floor, Room 120 A & B, 225 N. Pearl Street, Jacksonville, Florida. The public was invited to attend this meeting in-person at the physical location.

WELCOME

Meeting Called to Order - Committee Chair Rick Morales called the meeting to order at 2:00 pm. Attending in person was Committee member John Baker. Committee member Arthur Adams was not in attendance. Board Chair General Joseph DiSalvo and Board Secretary MG Orender were also present.

Others in attendance in-person were Vickie Cavey, Managing Director/CEO; Kurt Wilson, Chief of Staff; Ted Phillips, Chief Financial Officer; Joe Orfano, Deputy Chief Financial Officer; Dr. Charles Moreland, Chief Customer Experience Officer; Ricky Erixton, Chief Electric Systems Officer; Rob Zammataro, Chief Water Systems Officer; Regina Ross, Chief Legal Officer, Office of General Counsel, Melissa Dalton, Director, Board and Administrative Services; and Sheree Brown, Manager, Board Services.

Adoption of the Agenda - On *motion* by Mr. Baker and seconded by Board Chair DiSalvo, the agenda was approved.

Approval of the Minutes - On *motion* by Mr. Baker and seconded by Board Chair DiSalvo the February 25, 2025, Capital Projects Committee meeting minutes were approved.

Safety Briefing – Rob Zammataro, Chief Water Systems Officer provided a safety briefing.

Comments from the Public: None

FOR COMMITTEE CONSIDERATION

Authorization for Easement Purchase from Jacksonville Aviation Authority - Jordan Pope, Senior Vice President, Administrative Services, provided an overview on the purchase of easement rights from the Jacksonville Aviation Authority which includes 10 acres for an electric substation, 39.70 acres for a utility corridor, and 2.54 acres for an access easement, totaling approximately 52.24 acres. Committee members held discussions regarding the price and the importance of the acquisition.

On *motion* by Mr. Baker and seconded by Board Chair DiSalvo, the Committee unanimously voted to recommend the Board approve the authorization for easement purchase from Jacksonville Aviation Authority currently appraised at \$5,663,800.00.

Maxville Substation - Authorization for Condemnation - Jordan Pope, Senior Vice President, Administrative Services, provided an overview of the Maxville Substation expansion. Mr. Pope provided background information, timeline, project scope, and construction/operational risks for the Maxville Substation Project. Mr. Pope requested approval of acquisition through condemnation of the 16.29 acres should negotiations prove unsuccessful. Committee members held discussions regarding the timeframe for negotiation and total project cost.

JEA Capital Projects Committee
Meeting Minutes

May 23, 2025

On *motion* by Board Chair DiSalvo and seconded by Mr. Baker, the Committee unanimously voted to recommend the Board approve the acquisition through condemnation of the 16.29 acres should negotiations prove unsuccessful.

Arlington East Water Reclamation Facility Phase 2 Expansion - Wharton-Smith Contract - Rob Zammataro, Chief Water Systems Officer, provided an update on the revisions to the Procurement Code that will be brought before the board at the upcoming Board meeting May 27, 2025, which will incorporate new language under Section 3-120 - Owner Direct Purchases (OPD) will be incorporated into the Procurement Code. The revisions will allow JEA to directly purchase equipment, materials, and supplies related to capital projects, achieve sales tax savings, lower bonding requirements, and enhanced cost transparency. The Arlington East Water Reclamation Facility Phase 2 expansion project is currently evaluating the use of ODP to directly purchase approximately \$17M in equipment. The total contract value is \$99M and the projected tax savings through ODP is approximately \$1.3 million. Committee chair extended appreciation to staff for seeking significant sales tax savings.

On *motion* by Board Chair DiSalvo and seconded by Mr. Baker, the Committee unanimously voted to recommend the Board approve the amended Wharton-Smith contract to include the ODP language, in accordance with the JEA Procurement Code.

Hogans Creek District Energy System Plant Expansion - Deanna Davis, Director, District Energy Services, provided an update on the Hogans Creek District Energy System Plant Expansion. Ms. Davis provided a high-level overview of the demand for chilled water, potential customers, equipment additions, and project scope. Committee members held discussions regarding budget, return, and alternative options. Mr. Phillips and Mr. Erixton clarified electric and chilled water services needs for existing residents and future expansion. This presentation was received for information.

Combined Cycle Update - Mr. Erixton provided an update on the Power Island Equipment Request for Proposal (RFP) received on April 21, 2025 and noted GE Vernova was the highest scoring vendor. Two bids from Florida Power & Light were received on April 21, 2024 for the Market Test Solicitation; evaluation will be complete by June 27, 2025. Committee chair inquired about demand for equipment and discussed alternative solutions. This presentation was received for information and will be brought back before the Committee at the August 18, 2025 meeting.

138kV/230kV Fulton Cut Replacement Update - Mr. Erixton provided an update on the Fulton Cut Replacement project including background information, timeline, cost, project scope, and construction/operational risks. Mr. Erixton noted JEA continues to partner with Harbour Waterway Special District, and provided recent updates on the contract, design permitting, and insurance. At the request of Committee members, Mr. Erixton discussed structure integrity and tower removal. This presentation was received for information. Expected project completion Summer 2027.

CLOSING CONSIDERATIONS

Old and Other New Business/Open Discussion - None

Announcements - Next meeting August 18, 2025

JEA Capital Projects Committee
Meeting Minutes

May 23, 2025

Adjournment - With no further business coming before the committee, Chair Morales declared the meeting adjourned at 2:34 pm.

APPROVED BY:

Rick Morales, Committee Chair

Date: _____

Submitted by:

Victoria Taylor

Victoria (Tori) Taylor
Board Services Specialist

JEA Board Agenda

MEMORANDUM



H2.0 Purification Center Entrance Road Improvements

Board Meeting Date: November 18, 2025

Outcome: INFORMATION ONLY ACTION FUTURE BOARD CONSIDERATION

If Action, Provide a Recommended Motion:

Staff requests the committee recommend the Board approve \$900k, increasing the maximum indebtedness to \$84,406,772.37 to The Haskell Company for the H2.O Purification Center project and authorize the CEO to execute any amendment(s) to the contract on behalf of JEA.

Consent Agenda Item: Yes No

Presenter:

Chief:

Strategic Focus Area: DEVELOPING AN UNBEATABLE TEAM DELIVERING BUSINESS EXCELLENCE EARNING CUSTOMER LOYALTY

Background Information & Analysis:

The H2.0 Purification Center has a visitor center for public tours and paving the road would provide a more suitable surface for vehicular traffic. During the design phase, the paved access road was changed to a gravel geocell road due to the high capital costs associated with the stormwater management system. However, an alternative storm water management system has been selected that is less costly and allows for the access road to be paved more economically. The redesign and stormwater permitting modifications are underway and final construction costs are being developed.

Staff has estimated that up to a \$900k contract increase will be required for the completion of improvements to the entrance road. The additional costs related to the construction of a paved access driveway to the H2.0 Purification Center includes required earthwork, stormwater management system, restoration of corridor, etc.

The paved entrance is designed to minimize operation and maintenance costs associated with high traffic volume and will improve access for support employees, deliveries, and large number of anticipated visitors for meetings and events. The entrance road is a shared access roadway used by:

- Water Operations and Environmental – well sites and monitoring wells
- Electric Distribution and Transmission – substation access
- Telecom – communications tower
- IT/Infrastructure – fiber network maintenance

Financial Impact:

Committee/Board Meeting/Workshop & Date Presented:

Appendix:



BOARD RESOLUTION: 2025-55

November 18, 2025

A RESOLUTION AUTHORIZING THE CHIEF EXECUTIVE OFFICER/MANAGING DIRECTOR TO EXECUTE AN AMENDMENT TO THE AGREEMENT BETWEEN JEA AND THE HASKELL COMPANY FOR PROGRESSIVE DESIGN-BUILD (PDB) SERVICES FOR THE WATER PURIFICATION DEMONSTRATION FACILITY PROJECT TO INCREASE THE CONTRACT PRICE BY AN AMOUNT NOT TO EXCEED AMOUNT OF \$900,000 AND INCREASING JEA'S MAXIMUM INDEBTEDNESS UNDER THE CONTRACT BY AN AMOUNT NOT OT EXCEED \$84,406,772.37; ADOPTING FINDINGS OF FACT; PROVIDING FOR CORRECTION OF ERRORS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, JEA issued Solicitation Number 124-19, Request for Proposals for Progressive Design-Build (PDB) Services for the Water Purification Demonstration Facility Project (the RFP); and

WHEREAS, in a publicly noticed meeting, on January 23, 2020, the JEA Awards Committee awarded a contract under the RFP to The Haskell Company (Haskell); and

WHEREAS, on February 11, 2020, JEA and Haskell (the parties) entered into JEA Contract No. 187427 (the Original Contract) for the Water Purification Demonstration Facility Project, attached hereto and incorporated herein, with a maximum indebtedness of eight hundred thousand dollars (\$800,00.00) for preliminary design services; and

WHEREAS, on June 3, 2020, the parties agreed to suspend all Work under the Original Agreement until further notice; and

WHEREAS, on October 25, 2021, the parties executed Amendment #1 to the Original Contract, attached hereto and incorporated herein, to resume the Work, to make revisions to the contractual terms, and increasing the maximum indebtedness by five million two hundred twenty-three thousand three hundred fifty-seven dollars (\$5,223,357.00) to complete 100% of the design services, for a new total maximum indebtedness of six million twenty-three thousand three hundred fifty-seven dollars (6,023,357.00); and

WHEREAS, on November 17, 2022, the parties executed Amendment #2 to the Original Contract, attached hereto and incorporated herein, establishing a Guaranteed Maximum Price for the Early Equipment Package scope of work in the amount of five million one hundred five thousand six hundred forty-six dollars (\$5,105,646.00) for a new total maximum indebtedness of eleven million one hundred twenty-nine thousand and three dollars (\$11,129,003.00); and

WHEREAS, on March 2, 2023, the parties executed Amendment #3 to the Original Contract, attached hereto and incorporated herein, reducing Liquidated Damages from \$5,000.00 per day to \$3,000.00 per day; and

WHEREAS, on August 17, 2023, the parties executed Amendment #4 to the Original Contract, attached hereto and incorporated herein, establishing a Lump Sum Price for the Water Purification Demonstration Facility project in the amount of fifty-eight million eight hundred seventy thousand nine hundred nine-seven dollars (\$58,870,997.00) for a new total maximum indebtedness of seventy million dollars (\$70,00,00.00); and

WHEREAS, on March 21, 2024, the parties executed Amendment #5 to the Original Contract, attached hereto and incorporated herein, for additional site work and replenishment well construction, increasing the maximum indebtedness by eight million eight hundred sixty-seven thousand one hundred fifty-seven dollars and thirty-seven cents (\$8,867,157.37) for a new total maximum indebtedness of seventy-eight million eight hundred sixty-seven thousand one hundred fifty-seven dollars and thirty-seven cents (\$78,867,157.37); and

WHEREAS, on August 27, 2024, the parties executed Amendment #6 to the Original Contract, attached hereto and incorporated herein, for the Degasification & Remineralization Proposal, it is necessary to increase the overall maximum indebtedness of the Original Contract, as amended, in the amount of four million six hundred thirty-nine thousand six hundred fifteen dollars (\$4,639,615.00) for a new total maximum indebtedness of eighty-three million five hundred six thousand seven hundred seventy-two dollars and thirty-seven cents (\$83,506,772.37); and

WHEREAS, on May 16, 2025, the parties executed Amendment #7 to the Original Contract, attached hereto and incorporated herein, to remove \$738,224.00 from the cost of the work section and re-classify it as an Owner’s Allowance, without a change in the contract NTE, and to update the Liquidated Damages clause; and

WHEREAS, JEA has estimated that a contract increase of up to nine hundred thousand dollars (\$900,000) will be required prior to project completion to provide for paving, stormwater system, and associated access driveway improvements; and

WHEREAS, the Board of Directors has determined that it is in the best interests of JEA to authorize a contract increase of up to nine hundred thousand dollar (\$900,000), for a new total maximum indebtedness of up to eighty-four million four hundred six thousand seven hundred seventy-two dollars and thirty-seven cents (\$84,406,772.37).

NOW THEREFORE, BE IT RESOLVED by the JEA Board of Directors that:

1. The above recitals are incorporated by reference into the body of this resolution and are incorporated as findings of fact.
2. The Board of Directors hereby authorizes the Chief Executive Officer, or her designee, to execute an amendment to the Original Contract, as amended, on behalf of JEA, providing for a contract increase not to exceed nine hundred thousand dollars (\$900,000) and establishing a new total maximum indebtedness thereunder not to exceed eighty-four million four hundred six thousand seven hundred seventy-two dollars and thirty-seven cents (\$84,406,772.37).
3. To the extent there are typographical, clerical, or administrative errors that do not affect the tone, tenor, or context of this resolution, such errors may be corrected without further authorization from the Board of Directors.
4. This Resolution shall be effective immediately upon passage.

Dated this 18th day of November, 2025.

JEA Board Chair

JEA Board Secretary

Form Approved by

Office of General Counsel

| | |
|-----------|--|
| VOTE | |
| In Favor | |
| Opposed | |
| Abstained | |

JEA Board Agenda

MEMORANDUM



Major Project Updates

Board Meeting Date: November 18, 2025

Outcome: INFORMATION ONLY ACTION FUTURE BOARD CONSIDERATION

If Action, Provide a Recommended Motion:
N/A

Consent Agenda Item: Yes No

Presenter: Sean Conner, Director, Water/Wastewater Project Engineering and Construction

Chief: Rob Zammataro, Chief Water Systems Officer

Strategic Focus Area: DEVELOPING AN UNBEATABLE TEAM DELIVERING BUSINESS EXCELLENCE EARNING CUSTOMER LOYALTY

Background Information & Analysis:

Southwest Water Reclamation Facility Expansion

- Purpose
 - Expand facility from 16 MGD to 18 MGD to support growth
- Scope
 - Headworks & grit screens
 - Additional Biological Nutrient Removal reactor & clarifier
 - Disc filters
 - UV expansion
 - Return Activated Sludge and Waste Activated Sludge
 - Chemical feed and effluent upgrades
- Schedule
 - Design June 2026 - August 2028
 - Construction November 2027 - December 2031
- Cost
 - Design \$13M
 - Construction \$112M

Arlington East Purification Facility

- Purpose
 - Sustainable reclaimed water
 - Meet projected 2028 demand
 - Senate Bill 64 compliance
- Scope
 - 37,000 sq ft WPF, 4.8 MGD (expandable to 6.4 MGD)
 - Microfiltration, Reverse Osmosis, Ultraviolet Disinfection, Advanced Oxidation Process
 - Storage tanks, aquifer wells, operations, and yard piping
- Schedule
 - Design September 2026
 - Final Guaranteed Maximum Price - May 2028
 - Substantial Completion - December 2030

JEA Board Agenda

MEMORANDUM



Major Project Updates - Continued

Background Information & Analysis Continued:

- Cost
 - Design \$25M
 - Facility and Wells \$216M

District Energy System - Hogans Creek Expansion

- Purpose
 - Serve Stadium of the Future & future customers; 10,000 tons total capacity (8,000 firm)
- Scope
 - Two centrifugal chillers, two pumps, six cooling tower cells
 - Additional electrical
 - Demolish thermal storage tank
- Schedule
 - Design - June 2024
 - Construction Start - October 2025
 - Substantial Completion - October 2026
 - Completion - April 2027
- Cost
 - Construction \$48M

Financial Impact:

Southwest Water Reclamation Expansion - Design \$13M / Construction \$112M
Arlington East Purification Center - Design \$25M / Facility and Wells \$216M
District Energy System - Hogans Creek Expansion - Construction \$48M

Committee/Board Meeting/Workshop & Date Presented:

2025 Capital Projects Committee Meetings

Appendix:

N/A

JEA Board Agenda

MEMORANDUM



138kV / 230kV Fulton Cut Replacement Update

Board Meeting Date: November 18, 2025

Outcome: INFORMATION ONLY ACTION FUTURE BOARD CONSIDERATION

If Action, Provide a Recommended Motion:
N/A

Consent Agenda Item: Yes No

Presenter: Ricky Erixton, Chief Electric Systems Officer

Chief: Ricky Erixton, Chief Electric Systems Officer

Strategic Focus Area: DEVELOPING AN UNBEATABLE TEAM DELIVERING BUSINESS EXCELLENCE EARNING CUSTOMER LOYALTY

Background Information & Analysis:

JAXPORT identified that increasing the height of six aerial high-voltage electric transmission lines that cross the St. Johns River at the Fulton Cut Crossing will improve the conditions for the size and types of ships anticipated to traverse the water crossing thereby allowing for expanded navigation capacity into Jacksonville.

In March 2023, the Board approved JEA to enter into a binding Interlocal Agreement with JAXPORT to proceed with this project and perform detailed design activities with funding identified by JAXPORT of \$45M.

Various reconfiguration alternatives were analyzed to ensure safe construction to raise the lines to at least 225 feet above high tide to provide a minimum 205 feet of navigation operational clearance by no later than December 10, 2026, per schedule issued with Guaranteed Maximum Price (GMP) submittal from Quanta Infrastructure Solutions Group, LLC.

Staff has coordinated easements with the Harbor Waterways Special District and JaxPort and has actively engaged the nearby neighborhoods to ensure appropriate use of access to site.

Quanta is the contractor and has determined the construction GMP of \$89, 899,957.23 for the phase of the project. The Board approved on February 25, 2025 and Purchase Order/Notice-to-Proceed was issued to Quanta on April 11, 2025.

Financial Impact: JEA \$32.5M, Jax Port \$32.5M, COJ/State \$52M - Total Project Cost \$117M

Committee/Board Meeting/Workshop & Date Presented:

- Finance and Operations Committee Meeting: March 10, 2023
- JEA Board Meeting: March 28, 2023, February 25, 2025, August 26, 2025
- Capital Projects Committee Meeting: February 25, 2025, May 23, 2025

Appendix: N/A

JEA Board Agenda

MEMORANDUM



Combined Cycle Update

Board Meeting Date: November 18, 2025

Outcome: INFORMATION ONLY ACTION FUTURE BOARD CONSIDERATION

If Action, Provide a Recommended Motion:
N/A

Consent Agenda Item: Yes No

Presenter: Ricky Erixton, Chief Electric Systems Officer

Chief: Ricky Erixton, Chief Electric Systems Officer

Strategic Focus Area: DEVELOPING AN UNBEATABLE TEAM DELIVERING BUSINESS EXCELLENCE EARNING CUSTOMER LOYALTY

Background Information & Analysis:

JEA's 2023 Integrated Resource Plan (IRP) identified the need for a new combined cycle unit by 2030 to ensure reliable long-term energy supply for Jacksonville, and the purpose of this agenda item is to provide a brief recap of key activities to date, the Board's approval, and the next steps to advance the project.

Since early 2025, JEA executed parallel paths to evaluate a self-build option and market alternatives. This includes completing a Power Island solicitation in which GE Vernova was ranked highest and the Market Test solicitation with Florida Power & Light's Response 2 identified as the highest ranked proposal. These efforts supported a comparative analysis between the self-build Power Island and market offers, framing the recommendation for a new advance class combined cycle at the St. Johns River Power Park site.

On August 26, 2025, the Board unanimously approved moving forward with the self-build combined cycle project at the St. Johns River Power Park site, delegating authority to the CEO/Managing Director to negotiate and execute the reservation agreement with GE Vernova and to proceed with EPC procurement, with a not-to-exceed project cost of \$1.57 Billion.

On September 26, 2025, JEA executed the Reservation Agreement with GE Vernova, securing key commercial and technical terms including firm contract price, payment milestones and cancellation provisions, delivery and milestone schedule, performance and delivery guarantees, and final technical specifications. JEA is currently negotiating the Definitive Agreement to finalize all contractual terms.

Next steps focus on regulatory approvals, procurement, and Board engagement. JEA will prepare and file a Need for Power petition with the Florida Public Service Commission under Section 403.519, Florida Statutes, and submit a Site Certification Application to the Florida Department of Environmental Protection under the Power Plant Siting Act for comprehensive state certification. In parallel, JEA will issue and evaluate an Engineering, Procurement, and Construction solicitation and continue advance procurement of the Power Island and other long-lead equipment while providing regular progress updates to the Board on regulatory, procurement, and construction milestones.

JEA Board Agenda

MEMORANDUM



Combined Cycle Update - Continued

Financial
Impact:

Total cost not to exceed \$1.57B.

Committee/Board Meeting/Workshop & Date Presented:

JEA Board Meeting: March 26, 2024, August 26, 2025

Capital Projects Committee Meeting: August 12, 2024, November 7, 2024, February 25, 2025, May 23, 2025

Appendix:

N/A

Major Capital Projects over \$25 Million

| Project Name | Cost | | | Milestone | | | Schedule | |
|---|-------------------------|-----------------|-------------------------------------|------------------|-------------|-----------|------------------|-----------------|
| | Total Forecasted Budget | Actuals to Date | Cost Percent Complete | Phase | Phase Start | Phase End | Final Completion | Schedule Status |
| Electric Projects | | | | | | | | |
| 138kV / 230kV Fulton Cut Replacement | 32,500,000 | 8,733,281 | <div style="width: 27%;"></div> 27% | Construction | 1-Jul-25 | 30-Jun-27 | 30-Sep-27 | On Track |
| RES - North Jacksonville Transmission Corridor Acquisition | 18,574,653 | 8,276,017 | <div style="width: 45%;"></div> 45% | Construction | 1-Oct-21 | 1-Oct-28 | 1-Oct-28 | On Track |
| DLY - North Jacksonville Area 138kV Transmission Loop | 93,133,828 | 748,533 | <div style="width: 1%;"></div> 1% | Delayed | 12-Jun-23 | 30-Sep-27 | 30-Nov-29 | Delayed |
| Brandy Branch to Normandy 230 kV Transmission Line | 32,000,000 | 0 | <div style="width: 0%;"></div> 0% | Planned | 1-Jan-27 | 1-Jun-28 | 30-Dec-29 | On Track |
| Ostner 230 kV Switchyard - Substation | 36,047,585 | 0 | <div style="width: 0%;"></div> 0% | Planned | 1-Jan-26 | 4-Jun-29 | 30-Sep-30 | On Track |
| Advanced Class 1X1 Combined Cycle Addition | 1,570,000,000 | 1,411,401 | <div style="width: 0%;"></div> 0% | Schematic Design | 2-Sep-25 | 10-Mar-27 | 30-Dec-30 | On Track |
| GEC to Mayo 230kV Circuit 950 Addition | 62,695,970 | 0 | <div style="width: 0%;"></div> 0% | Planned | 1-Jan-26 | 30-Jun-27 | 1-Feb-31 | On Track |
| New World Sub to Villages North sub-New 230kV Transmission | 60,000,000 | 0 | <div style="width: 0%;"></div> 0% | Planned | 1-Jan-27 | 30-Jun-28 | 1-Feb-31 | On Track |
| RES - BCT SS2 to Nocatee 230 kV - Transmission Corridor | 31,000,000 | 0 | <div style="width: 0%;"></div> 0% | Planned | 1-Jan-28 | 1-Mar-31 | 1-Jun-31 | On Track |
| Brandy Branch to Dinsmore 230 kV Transmission Line | 73,000,000 | 0 | <div style="width: 0%;"></div> 0% | Planned | 1-Jan-27 | 30-Jun-28 | 30-Dec-31 | On Track |
| Greenland to CR-210 (FPL Valley) 230 kV Transmission Tie Line | 54,000,000 | 0 | <div style="width: 0%;"></div> 0% | Planned | 1-Jan-32 | 30-Jun-33 | 30-Dec-35 | On Track |
| | 2,062,952,036 | 19,169,232 | <div style="width: 1%;"></div> 1% | | | | | |
| Wastewater Projects | | | | | | | | |
| Southwest WRF - Expansion to 16 MGD | 137,161,675 | 128,955,125 | <div style="width: 94%;"></div> 94% | Construction | 18-Apr-22 | 5-Feb-26 | 15-Mar-26 | Delayed |
| Buckman WRF - Biosolids Facility Rehabilitation | 5,669,304 | 2,572,917 | <div style="width: 45%;"></div> 45% | Construction | 4-Feb-25 | 8-Apr-26 | 16-May-26 | On Track |
| Monterey WRF Improvements - Phase 2 | 39,745,563 | 15,137,306 | <div style="width: 38%;"></div> 38% | Construction | 15-Jul-24 | 2-Feb-27 | 24-Feb-27 | On Track |
| Buckman WRF - Biosolids Conversion - Process Facility with Dual Dryer | 301,592,643 | 128,950,625 | <div style="width: 43%;"></div> 43% | Construction | 10-Jul-24 | 10-May-28 | 9-Aug-28 | On Track |
| Buckman WRF - Aeration Basin Air Header and Diffuser Replacement | 32,860,263 | 10,542,276 | <div style="width: 32%;"></div> 32% | Construction | 1-Mar-25 | 30-Jun-28 | 10-Aug-28 | On Track |
| Ponte Vedra WRF - Expansion | 35,143,990 | 1,863,330 | <div style="width: 5%;"></div> 5% | Final Design | 1-Nov-23 | 17-Sep-28 | 25-Oct-28 | On Track |
| Buckman WRF - Biosolids RAW Sludge Holding Tank Restoration | 40,771,350 | 8,945,249 | <div style="width: 22%;"></div> 22% | Construction | 4-Feb-25 | 3-Aug-28 | 26-Oct-28 | On Track |
| 135-11 Arlington East WRF Phase2 | 112,175,580 | 10,887,034 | <div style="width: 10%;"></div> 10% | Construction | 2-Sep-25 | 24-Nov-28 | 26-Jan-29 | On Track |
| SWDE - Arlington East WRF - Disinfection Conversion to High Level UV | 186,784,130 | 5,103,860 | <div style="width: 3%;"></div> 3% | Schematic Design | 3-Jan-24 | 11-Mar-26 | 30-May-29 | Delayed |
| Northwest WRF - 2.0 MGD | 193,509,686 | 3,175,115 | <div style="width: 2%;"></div> 2% | Schematic Design | 2-Jan-25 | 26-Nov-25 | 11-Dec-29 | On Track |
| Blacks Ford WRF - Expansion from 6 to 12 MGD | 226,270,239 | 15,081,935 | <div style="width: 7%;"></div> 7% | Final Design | 29-Jul-25 | 6-Feb-26 | 7-Nov-30 | On Track |
| Southwest WRF - Expansion 16 to 18 MGD | 129,000,000 | 22,222 | <div style="width: 0%;"></div> 0% | Schematic Design | 9-Jun-26 | 6-Jan-27 | 8-Jul-31 | Delayed |
| Greenland WRF - Expansion to 8 MGD | 140,000,000 | 0 | <div style="width: 0%;"></div> 0% | Planned | 13-Jul-29 | 2-Apr-31 | 4-Jan-35 | On Track |
| Nassau Regional WRF - Demo of Existing 2 MGD MBR Facility | 90,000,000 | 0 | <div style="width: 0%;"></div> 0% | Planned | 13-Jul-29 | 2-Apr-31 | 4-Jan-35 | On Track |
| | 1,580,684,422 | 331,236,995 | <div style="width: 21%;"></div> 21% | | | | | |

Major Capital Projects over \$25 Million

| Project Name | Cost | | | Milestone | | | Schedule | |
|---|-------------------------|-----------------|-----------------------|------------------|-------------|-----------|------------------|-----------------|
| | Total Forecasted Budget | Actuals to Date | Cost Percent Complete | Phase | Phase Start | Phase End | Final Completion | Schedule Status |
| Water Projects | | | | | | | | |
| SIPS - Greenland - Southside Blvd - Deerwood 3 to Greenland - W | 57,378,770 | 54,325,825 | 95% | Construction | 12-Feb-24 | 13-Oct-25 | 3-Dec-25 | Ahead |
| DES - Hogans Creek - Plant Expansion | 37,268,570 | 3,858,601 | 10% | Final Design | 26-Jun-24 | 1-Dec-25 | 9-Dec-26 | Ahead |
| Water Meters - AMI Conversion | 58,722,705 | 23,222,404 | 40% | Program | 1-Oct-22 | 30-Sep-28 | 30-Sep-28 | On Track |
| North Grid THM Mitigation Project | 28,089,895 | 1,075,963 | 4% | Schematic Design | 15-Nov-25 | 24-Aug-26 | 23-Dec-29 | On Track |
| Westlake WTP - Expansion from 3.0 to 7.0 MGD | 33,460,300 | 73,448 | 0% | Schematic Design | 5-Nov-25 | 22-May-26 | 22-Mar-30 | Delayed |
| SIPS - Ridenour - Cortez to Ridenour WTP - New - W | 25,371,933 | 0 | 0% | Planned | 23-Apr-30 | 14-Nov-30 | 7-May-33 | On Track |
| SJRPP WTP - New 2 MGD Plant | 26,200,000 | 0 | 0% | Planned | 1-Oct-31 | 31-Mar-33 | 30-Sep-35 | On Track |
| | 266,492,173 | 82,556,241 | 31% | | | | | |
| Water - Surface Water Discharge Elimination (SWDE) | | | | | | | | |
| Water Purification Demonstration Facility | 77,919,748 | 72,466,100 | 93% | Construction | 29-Sep-23 | 8-Nov-25 | 4-Feb-26 | Delayed |
| SWDE - Arlington East - H2.O Purification Facility | 183,619,863 | 630,036 | 0% | Schematic Design | 9-Sep-26 | 17-Feb-27 | 11-Aug-31 | Ahead |
| SWDE - Arlington East Purification Facility - Deep Injection Disposal W | 42,585,000 | 0 | 0% | Planned | 24-Mar-27 | 2-Jun-28 | 11-Sep-31 | On Track |
| SWDE - Nassau Deep Injection Disposal Well at Wildlight WRF | 28,650,000 | 0 | 0% | Planned | 29-Oct-29 | 29-Dec-31 | 14-Jan-35 | On Track |
| SWDE - Monterey WRF | 93,700,000 | 0 | 0% | Planned | 12-Jul-30 | 31-Oct-31 | 21-Jul-36 | On Track |
| SWDE - Cedar Bay Purification Facility - Deep Injection Disposal Wells | 44,500,000 | 0 | 0% | Planned | 13-May-31 | 15-Apr-33 | 31-Mar-36 | On Track |
| SWDE - Ponte Vedra WRF | 59,250,000 | 0 | 0% | Planned | 27-Apr-32 | 21-Mar-33 | 20-Sep-36 | On Track |
| SWDE - Cedar Bay Purification Facility | 234,515,085 | 559,435 | 0% | Schematic Design | 16-Sep-31 | 18-Aug-33 | 3-Dec-36 | On Track |
| SWDE - Regional Aquifer Recharge Facilities | 1,139,998,274 | 91,868 | 0% | Schematic Design | 4-Sep-30 | 19-Oct-33 | 21-Mar-41 | On Track |
| | 1,904,737,971 | 73,747,438 | 4% | | | | | |