

PUBLIC WORKS COMMISSION
MEETING OF WEDNESDAY, APRIL 23, 2025
8:30 AM

Present: Christopher G. Davis, Chairman
Richard W. King, Vice Chairman
Ronna Rowe Garrett, Secretary
Donald L. Porter, Treasurer

Others Present: Timothy L. Bryant, CEO/General Manager
Derrick Thompson, City Council Liaison
Adam Lindsay, Assistant City Manager
Sally Shutt, Assistant County Manager
Media

Absent: Kirk deViere, Cumberland County Commission Chairman/Liaison
Chancer McLaughlin, Hope Mills Town Manager

I. REGULAR BUSINESS

Chairman Christopher Davis called the meeting of April 23, 2025, to order at 8:30 a.m.

PLEDGE OF ALLEGIANCE

Chairman Davis led the Commission in the Pledge of Allegiance

APPROVAL OF AGENDA

Commissioner Donald Porter motioned to approve the agenda. Motion was seconded by Commissioner Richard King and unanimously approved.

II. CONSENT ITEMS

Commissioner Ronna Rowe Garrett motioned to approve the consent items. The motion was seconded by Commissioner Donald Porter and unanimously approved.

- A. Approve Minutes of meeting of April 9, 2025
- B. Approve purchase award recommendation for purchase of two (2) prefabricated concrete relay control houses for the Cliffdale and Yadkin Substations to VFP Inc., Roanoke, VA , the lowest responsive, responsible bidder and in the best interests of PWC in the total amount of \$942,361.84, and forward to City Council for approval.

The two (2) prefabricated concrete relay control houses for the Cliffdale and Yadkin Substations are budgeted in account string: 001.0170.0802.0000000-00.690161.CPR1000364

Bid Date: March 6, 2025

CONFORMING BIDDERS

TOTAL PRICE

VFP, Inc., Roanoke, VA

\$942,361.84

Modular Connections, LLC, Bessemer, AL

\$983,500.00

NON-CONFORMING BIDDER

NW Management, Phoenix, AZ

COMMENTS: The bid notice was advertised through our usual channels on February 19, 2025, with a bid opening date of March 6, 2025. Bids were solicited from eleven (11) vendors, and three (3) bids were received. The PWC Procurement Department requests the rejection of the bid that is non-conforming to the specified bid technical specifications **MWDBE / SLS Participation:** VFP, Inc., Roanoke, VA is not a small local or MWDBE business. VFP, Inc anticipates to self-perform.

C. Adopt Capital Project Fund (CPF) and Grant Project Fund (GPF) Budget Ordinances

- PWCORD2025-02 and PWCORD2025-03 establish a \$49,763,000 Glenville Lake WTP GAC Facility CPF and a \$66,129,000 P.O. Hoffer WTP GAC Facility CPF respectively, to construct a GAC facility at each WTP. The North Carolina Department of Environmental Quality (DEQ) furnished PWC a revised letter of intent to fund dated August 23, 2024, in the amount of \$60,000,000 which consists of: Bipartisan Infrastructure Law (BIL) Drinking Water State Revolving Fund - Emerging Contaminants (DWSRF-EC) loans of \$10,000,000 in principal forgiveness and DWSRF loans of \$11,000,000 in principal forgiveness and \$39,000,000 in low interest loans for this collective project.
- PWCORD2025-04 establishes the Gray's Creek Water Main Extension GPF to provide water main service to Alderman Road Elementary School and Gray's Creek Elementary School. In September 2024, the DEQ offered PWC a \$9,709,000 Drinking Water and Wastewater Reserve Direct Appropriation funding offer for the project.
- PWCORD2025-05 establishes the High-Pressure Zone Transmission Water Main Improvements CPF to provide water transmission main improvements in the central Fayetteville high pressure zone. In September 2024, the DEQ offered PWC a \$2,111,000 Drinking Water and Wastewater Reserve Direct Appropriation funding offer for the project.

D. Adopt PWC Resolution # PWC2025.14 - Resolution to Declare Personal Property as Surplus and Authorize Sale of Property by Sealed Bid

Fayetteville Public Works Commission ("PWC") owns equipment that is identified in our inventory as "Transformers, Overhead, 3625. KVA, totaling 75 each" (the "Equipment"). Staff has determined that PWC no longer has any use for the Equipment, that the Equipment should be sold at this time, and that the estimated value of the Equipment is at least thirty thousand dollars (\$30,000.00). Staff, therefore, requests that the Commission declare this Equipment to be surplus and authorize the sale of the Equipment via sealed bid in accordance with G.S. 160A-268.

- E. Adopt PWC Resolution # PWC2025.15 – Resolution to Declare Personal Property as Surplus and Authorize Sale of Property by Sealed Bid

Fayetteville Public Works Commission (“PWC”) owns equipment that is identified in our inventory as “Switching Cabinets, Overhead, 25KV, Live Front, PMH-8, totaling 3 each” (the “Equipment”). Staff has determined that PWC no longer has any use for the Equipment, that the Equipment should be sold at this time, and that the estimated value of the Equipment is at least thirty thousand dollars (\$30,000.00). Staff, therefore, requests that the Commission declare this Equipment to be surplus and authorize the sale of the Equipment via sealed bid in accordance with G.S. 160A-268.

END OF CONSENT

III. ELECTRICAL SYSTEM RELIABILITY & RESILIENCE – LESSONS LEARNED FROM SUMMER AND WINTER STORMS

Presented by: Jonathan Rynne, Chief Operations Officer, Electrical Systems

Mr. Bryant presented Mr. Jonathan Rynne, Chief Operations Officer of Electrical Systems. Mr. Rynne stated we will discuss the annual metrics to benchmark PWC’s Electric System reliability. He will provide a report on the 2024 hurricane and winter storm seasons and inform the Commission of PWC’s preparations for the coming 2025 hurricane season.

Mr. Rynne provided a definition for the three reliability indices.

System Average Interruption Frequency Index (SAIFI)

- ▶ SAIFI measures the average number of times a customer experiences a power outage over a specific period, typically a year
- ▶ A lower SAIFI value indicates better reliability, as customers experience fewer outages
- ▶ It is calculated by dividing the total number of customer interruptions by the total number of customers served

System Average Interruption Duration Index (SAIDI)

- ▶ SAIDI measures the total time, in minutes or hours, that the average customer experiences power outages over a specific period, typically a year
- ▶ A lower SAIDI value indicates better reliability, as customers experience shorter outages
- ▶ It is calculated by dividing the total customer-hours of interruption by the total number of customers served.

Average Service Availability Index (ASAI)

- ▶ This index measures the ratio of the total number of customer hours that service was available to the total customer hours demanded
- ▶ It is calculated as: (Total customer hours of service available) / (Total customer hours demanded).

The benchmarking data showed that PWC’s SAIFI index was .96, meaning customers experienced less than one outage in 2024.

The SAIDI was 70.77 minutes, which was about half of the average for all utilities.

2024 Public Power Annual Benchmarking

2024 PWC SAIDI: 70.77 Minutes
PWC Target SAIDI: 64 Minutes

Table 12. Your utility's SAIDI and SAIFI with and without IEEE ME days

SAIDI with IEEE ME days (minutes)	SAIDI without IEEE ME days (minutes)	SAIFI with IEEE ME days (interruptions)	SAIFI without IEEE ME days (interruptions)
129.11	70.77	1.73	0.96

Table 13. Summary SAIDI data from Form EIA-861, 2023
In minutes

	All	No MEs
Average	376.90	149.41
Minimum	0.20	0
First Quartile	80.88	51.59
Median	178.01	101.18
Third Quartile	392.12	175.32
Maximum	10,820.00	2,475.09

2024 Public Power Annual Benchmarking

2024 PWC SAIFI: 0.96

Table 14. Summary SAIFI data from Form EIA-861, 2023
In interruptions

	All	No MEs
Average	1.71	1.26
Minimum	0.01	0
First Quartile	0.82	0.60
Median	1.30	0.99
Third Quartile	2.14	1.54
Maximum	17.38	16.92

2024 Public Power Annual Benchmarking

2024 PWC ASAI: 99.994%

Table 10. Average ASAI with and without MEs
In percentage

	All	No MEs	Unscheduled	Scheduled
Your utility	99.9755	99.9944	99.9788	99.9966
Utilities that use the eReliability Tracker	99.9775	99.9898	99.9787	99.9976
Utilities in your region	99.9684	99.987	99.9695	99.9977
Utilities in your size class	99.972	99.9881	99.9729	99.9985

Table 11. Summary ASAI data from the eReliability Tracker
In percentage

	All	No MEs	Unscheduled	Scheduled
Maximum	99.9999	99.9999	99.9999	99.9999
First Quartile	99.9963	99.9978	99.9964	99.9999
Median	99.9916	99.9949	99.9922	99.9997
Third Quartile	99.9755	99.9894	99.9765	99.999
Minimum	99.6888	99.86	99.6899	99.8856

PWC's Main Outage Causes

Equipment damage, wildlife, and weather are the main causes of outages. Equipment damage takes the longest to repair, followed by vehicle accidents and lightning.

2024 PWC Outage Cause Duration Mitigation

- After-action review for each outage
- GRIP grant to add Distribution Automation to the electric system
 - Restores the highest number of customers automatically
- After hours and weekend response time consistency

Root cause analysis and mitigation strategies are used to prevent future outages. Distribution automation technology is being implemented to restore power more quickly.

Outage Communication

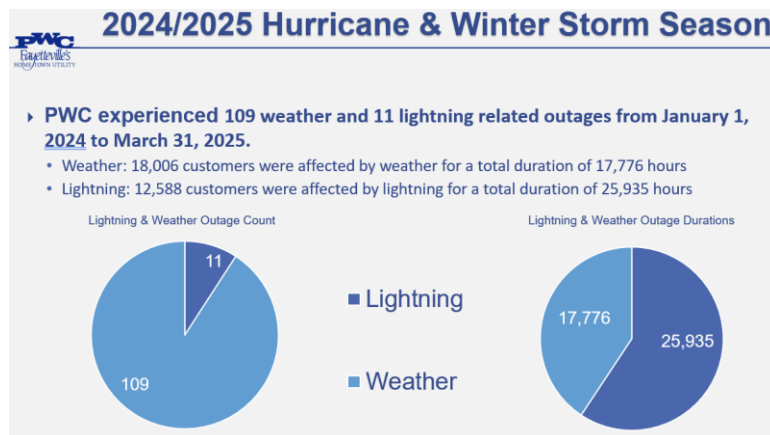
PWC has implemented various mechanisms for outage communication, including an outage map and IVR system.

- Customer contact for emergencies involving electric utility service: (910) 483-1382
- PWC uses social media to notify customers of outages and restoration
 - Facebook- service wide post for outages of 1000 or more
 - NextDoor- targeted post for outages of 100 to 999
- The Outage Management System (OMS) allows for text and voice outage reporting, notification and status updates
- OMS also provides a live outage map of the PWC territory

Outage Response

- 24/7 System Operations Center for Outage Response
- Crews respond from worksites during normal workday
- After Hours, weekends, and holidays:
 - Crews are called in after hours and on weekends/holidays
 - Crew members are on designated standby
- PWC is evaluating 24/7 crew coverage and enhanced contractor response

2024/2025 Hurricane & Winter Storm Season



PWC preparations for the 2025 Hurricane Season

- Contracts bid and awarded for line workers and tree trimming contractors
- Mutual Aid agreements with other utilities have been executed, coordinated, and up to date via:
 - American Public Power Association
 - ElectriCities
 - Continue maintaining “Storm Inventory”
- The PWC Storm Guide is being updated and will be available for download on May 1, 2025
- “Table-Top” Emergency Drills



Staff responded to questions and comments from the Commissioners. Commission commended Mr. Rynne for the presentation.

IV. GENERAL MANAGER REPORT

Safety

Mr. Bryant stated safety practices are being implemented effectively, with a flat total recordable injury rate (TRIR) of .32. There are no significant safety incidents to bring to the Commission’s attention.

People

There are no significant changes regarding our people, Mr. Bryant stated. An organizational-wide employee engagement survey is being conducted. The 40-question confidential, augmented Gallup survey includes Gallup's Q12 standardized questions. We have modified that battery to include an additional 28 or so questions. The survey data collection ends on May 2nd, and the results will be shared with the team.

Within the next week or so, Empower will be onsite. Team members are being supported with 401K and retirement planning, and to answer questions. We have put emphasis on making sure our team members know their options.

The deadline for KYN is April 30th. We are encouraging team members to be healthier and more helpful, and to know their numbers to help them live a healthier lifestyle and to help drive down our insurance premiums and costs because we are healthier overall.

Community Engagement/Customer Engagement.

PWC is fully supporting the Dogwood Festival this weekend. We will be seen out and about.

PWC Day will be May 8th, and we will have more information following.

Running the Business

Mr. Bryant stated we will present the proposed FY26 Budget during our next Commission meeting. He also stated we are seeing some evidence that the federal government is releasing some of the awarded grant funds in the energy and water industry.

V. COMMISSIONER/LIAISON COMMENTS

Council Member Derrick Thompson

Council Member Thompson wished Commissioner Garrett a happy birthday.

Commissioner Donald Porter

No Comments

Commissioner Ronna Rowe Garrett

No Comments

Commissioner Richard King

No Comments

Chairman Christopher Davis

No Comments

VI. REPORTS AND INFORMATION

The Commission acknowledges receipt of the following reports and information.

- A. Monthly Cash Flow Report - March 2025
- B. Recap of Uncollectible Accounts – March 2025
- C. Utility Payments by Payment Type – March 2025
- D. Purchase Orders – March 2025
- E. LGERS Letter – March 2025
- F. Career Opportunities

VII. ADJOURNMENT

There being no further discussion, upon motion by Commissioner Donld Porter, seconded by Commissioner Ronna Rowe Garrett and unanimously approved, the meeting adjourned at 9:18 am.