

PUBLIC WORKS COMMISSION
MEETING OF WEDNESDAY, AUGUST 28, 2024
8:30 AM

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

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

Absent: Chancer McLaughlin, Hope Mills Town Manager

I. REGULAR BUSINESS

Chairman Donald Porter called the meeting of August 28, 2024, to order at 8:30 am.

PLEDGE OF ALLEGIANCE

Chairman Donald Porter led the Commission in the Pledge of Allegiance

APPROVAL OF AGENDA

Commissioner Christopher Davis motioned to approve the agenda. Motion was seconded by Commissioner Ronna Rowe Garrett and unanimously approved.

II. RECOGNITIONS AND AWARDS

LIGHT UP NAVAJO V

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

Mr. Rynne stated he is happy to have 12 employees from our electric crews here today. These guys participated in a training and mutual aid event that is Light Up Navajo V . This is the fifth year that folks from Public Power have gone out to Arizona to assist the Navajo Tribal Utility Agency in providing electricity to people that have never had electricity in their history. Our guys were out there for two weeks.

Mr. Rynne played a short video of some of the PWC employees and the Navajo residents, expressing their gratitude to serve and to have experienced electricity for the first time in their homes.

Marc Tunstall, Director of Electric Construction and Maintenance stated this is the second time we sent our employees to assist with Light Up Navajo. He reiterated we sent twelve men and in the two weeks they were there, they built three miles of line and installed 66 poles and connected 10 homes to electricity. Mr. Tunstall stated the strange thing about this area is that a lot of it is sand or sandstone

and a lot of it is pure rock. Some days they were able to install only one pole and other days they were able to set 16 or 17 poles. Mr. Tunstall introduced the employees who participated in Light Up Navajo V this year.

Dustin Britt
Lee Heflin
Eric Locklear
John Norkett

Jonathan Bullard
Lamar Hunt
Chase MacFadden
Blaine Nunnery

Adam Daughety
Marshall Jackson
William Melton
Cameron Phipps

Mr. Tunstall stated this is a great training effort and it is in a desolate part of our country. These guys are bringing power to the people, and we appreciate it.

The Commission and Liaisons expressed their thanks to all the employees who participated in Light Up Navajo V, bringing electricity to people who have never experienced it before.

KEY ACCOUNT AGENT RECOGNITION

Presented by: Carolyn Justice-Hinson, Chief Customer Officer

Ms. Justice Hinson stated that this morning she is here to share some recent accomplishments of the PWC Key Account Agents, Teddy Warner and Kenny Pierpoint, Mr. Warner and Mr. Pierpoint have earned their Key Account Certification from the American Public Power Association. Now, for those of you that are not familiar with the term key accounts, they are typically our largest customers. They make a significant economic impact as well as social impact in our community and again they tend to be our largest users of water and electric.

Ms. Justice-Hinson went on to state key accounts are not all industrial. We do have industrial and large commercial, but they are also the City, the County, our wholesale customers, and any customer that is an important local entity. Most of these customers typically have some type of unique need and if that need is not met, it can impact their operations and ultimately our economy. So our key account program here at PWC has 67 customers and they range from Goodyear, Cape Fear Valley Hospital to the Cumberland County Schools and because they are a priority, PWC has three key account agents that support them and they work to improve their services, communications and just build stronger relationships between them and PWC.

Once someone begins the APPA Certification Program they have one year to complete it, and in that timeframe Mr. Warner and Mr. Pierpoint completed their required curriculum and they both passed their certification exam. They were also required to submit and pass a customer action plan. They selected one of their accounts and showed how PWC would meet their needs. She noted that both Mr. Warner and Mr. Pierpoint have been here at PWC less than two years, and they were able to achieve this accomplishment within the two years. They are two of four employees who have earned their certificates from APPA.

The Commissioners congratulated Mr. Warner and Mr. Pierpoint on their accomplishments.

III. CONSENT ITEMS

Commissioner Ronna Rowe Garrett motioned to approve the consent agenda. Motion was seconded by Commissioner Christopher Davis and unanimously approved.

- A. Approve Minutes of meeting of August 14, 2024
- B. Approve bid recommendation to award contract for the RE-Bid Water Main Rehabilitation Project to Mainlining America, LLC, Livingston, NJ, the lowest, responsive, responsible bidder and in the best interests of PWC, in the total amount of \$4,149,400.00, and forward to City Council for approval.

The Re-Bid Water Main Rehabilitation is budgeted in account string 209.0000.0435.2430402-07.700030..CPR1000088.

Bids were received June 18, 2024, as follows:

<u>Bidders</u>	<u>Total Cost</u>
Mainlining America, LLC, Livingston, NJ	\$4,149,400.00
Insituform Technologies, LLC, Chesterfield, MO	\$4,411,200.00

COMMENTS: The bid notice was advertised through our usual channels on April 5, 2024, with a bid opening date of June 18, 2024. Bids were solicited from seven (7) vendors, and two (2) bids were received. The award is recommended to Mainlining America, LLC, Livingston, NJ, the lowest responsive, responsible bidder. PWC Procurement and Water Resource Engineering Departments request that the bid received from Insituform Technologies, LLC be rejected, as it was not conforming to PWC bid submittal requirements

- C. Approve bid recommendation to award bid for the purchase of Substation Disconnect Switches to Royal Switchgear, Bessemer, AL, the lowest, responsive, responsible bidder, and in the best interests of PWC, in the total amount of \$247,046.00, and forward to City Council for approval.

The Substation Disconnect Switches are budgeted in the following capital project account strings:

103.0000.0802.2207988-05.690161.00000.CPR1000471.000.00000.00000
103.0000.0802.2102564-05.690161.00000.CPR1000421.000.00000.00000

Bids were received July 25, 2024, as follows:

<u>Bidders</u>	<u>Total Cost</u>
Royal Switchgear, Bessemer, AL	\$247,046.00
MindCore Technologies, Terrebonne, QC	\$154,030.00
Southern Electrical Equipment Co. Inc., Charlotte, NC	\$194,176.52
Southern States, LLC, Hampton, GA	\$243,520.00

COMMENTS: The bid notice was advertised through our usual channels on July 9, 2024, with a bid opening date of July 25, 2024. Bids were solicited from three (3) vendors, and four (4) bids were received. The award is recommended to Royal Switchgear, Bessemer, AL, the lowest responsive, responsible bidder. PWC Procurement and Electric Support Systems Departments request to reject the bids received from MindCore Technologies, Southern Electrical Equipment Company, Inc., Southern States, LLC, as these bidders' submittals were not conforming to PWC bid submittal requirements.

D. Adopt PWC Resolution PWC2024.17 – Resolution to Declare Personal Property as Surplus and Authorize Sale of Property by Public Auction

The Fayetteville Public Works Commission (“PWC”) owns a Bobcat E85 Excavator, Equipment Serial #B34T11237 (the “Property”). PWC staff has determined that PWC has no use for the Property at this time and that it would be in PWC’s best interest to sell the Property and recoup some of its investment. PWC staff estimates that the value of the Property is at least thirty thousand dollars (\$30,000.00).

North Carolina General Statute (“NCGS”) §160A-266 sets forth the methods by which the Commission can sell property. That statute provides in part that personal property valued at thirty thousand dollars (\$30,000) or more may be sold by any method permitted thereby.

NCGS §160A-270 permits the Commission to sell property by authorizing the establishment of an electronic auction procedure or by authorizing the use of existing private or public electronic auction services.

E. Adopt PWC Resolution PWC2024.18 – Resolution to Declare Personal Property as Surplus and Authorize Sale of Property by Public Auction

The Fayetteville Public Works Commission (“PWC”) owns a 2011 Ford F-750 Dump Truck, VIN #3FRXF7FG4BV540538 (the “Property”). PWC staff has determined that PWC has no use for the Property at this time and that it would be in PWC’s best interest to sell the Property and recoup some of its investment. PWC staff estimates that the value of the Property is at least thirty thousand dollars (\$30,000.00).

North Carolina General Statute (“NCGS”) §160A-266 sets forth the methods by which the Commission can sell property. That statute provides in part that personal property valued at thirty thousand dollars (\$30,000) or more may be sold by any method permitted thereby.

NCGS §160A-270 permits the Commission to sell property by authorizing the establishment of an electronic auction procedure or by authorizing the use of existing private or public electronic auction services.

F. Adopt PWC Resolution PWC2024.19 – Resolution to Declare Personal Property as Surplus and Authorize Sale of Property by Public Auction

The Fayetteville Public Works Commission (“PWC”) owns a 2008 Chevrolet 7500 Field Service Utility Truck with Crane, VIN #1GBM7C1B78F416526 (the “Property”). PWC staff has determined that PWC has no use for the Property at this time and that it would be in PWC’s best interest to sell the Property and recoup some of its investment. PWC staff estimates that the value of the Property is at least thirty thousand dollars (\$30,000.00).

North Carolina General Statute (“NCGS”) §160A-266 sets forth the methods by which the Commission can sell property. That statute provides in part that personal property valued at thirty thousand dollars (\$30,000) or more may be sold by any method permitted thereby.

NCGS §160A-270 permits the Commission to sell property by authorizing the establishment of an electronic auction procedure or by authorizing the use of existing private or public electronic auction services.

G. Adopt PWC Resolution PWC2024.20 – Resolution to Declare Personal Property as Surplus and Authorize Sale of Property by Public Auction

The Fayetteville Public Works Commission (“PWC”) owns a 2007 Chevrolet 7500 Grain Body Dump Truck, VIN #1GBM7C1347F402011 (the “Property”). PWC staff has determined that PWC has no use for the Property at this time and that it would be in PWC’s best interest to sell the Property and recoup some of its investment. PWC staff estimates that the value of the Property is at least thirty thousand dollars (\$30,000.00).

North Carolina General Statute (“NCGS”) §160A-266 sets forth the methods by which the Commission can sell property. That statute provides in part that personal property valued at thirty thousand dollars (\$30,000) or more may be sold by any method permitted thereby.

NCGS §160A-270 permits the Commission to sell property by authorizing the establishment of an electronic auction procedure or by authorizing the use of existing private or public electronic auction services.

END OF CONSENT

IV. NON-REVENUE WATER AND LEAK DETECTION PRESENTATION

Presented by: Michael Smith, WR Engineering

Ms. Manning introduced Mr. Michael Smith, WR Asset Management Coordinator. Mr. Smith thanked the WR Construction Crews, the Laboratory as well as the following individuals for their help during this project. Kenny Hart, William McPhaul, Philip Parker, John Junto, Chad Groves, Harry Myles, Robert Turner, Corey Brown, and Terrence Thompson.

He stated In March of 2024, the second phase of the Non-Revenue Water Management/Leak Detection Program started with McKim & Creed. They provided the following services.

Acoustic Leak Detection Acoustic Leakage Inspection Technology (Correlators)
Leakage Pinpointing Technology Data Analytics
Design and implementation of a Non-Revenue Water (NRW) Assessment/Reduction Program

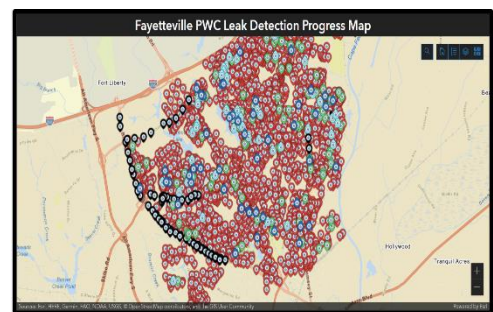
Acoustic Leak Detection Survey

McKin & Creed inspected the High-Pressure Water Zone (GTP, HTP, Ramsey, Murchison, and Bragg Boulevard Areas)

- Potable water mains
- Water valves
- Fire hydrants
- Water service connections

Acoustic Leakage Inspection Technology used included:

- Phocus 3Noise Loggers and Communication Module – this equipment Wirelessly detects and localizes water leakage for temporary, semi-permanent or permanent applications.



- Mikron3 Kite Electronic Listening Stick and Ground Microphone - High acoustic sensitivity and multiple frequency range filters

Testing kits were used to help identify the chemical nature of the water source

Leakage Pinpointing Technology Used:

- Eureka 3 Real-time Acoustic Correlator - Real-time correlator with advanced filtering system to pinpoint the most difficult leaks
- Enigma/3M Non-Real Time Acoustic Correlator - Non-real-time correlating system for noisy, complex, or busy areas
- Enigma HY-Q With Hydrophone Adaptor Non-Real Time Acoustic Correlator - Non-real-time correlating system further optimized for larger pipes and over longer distances

Water Leak Reports and Communication

- Leaks reported daily on a Water Asset Management Leak Card
- Potable water leaks requiring immediate action reported immediately to the Asset Management Coordinator

Findings

- **93%** of the potable water leakage was not visible
- **30** water leaks were on fittings
- **21** water leaks were on fire hydrants or domestic/ commercial water services
- **3** water leaks were discovered on water mains.

Reporting: ESRI GIS DASHBOARD

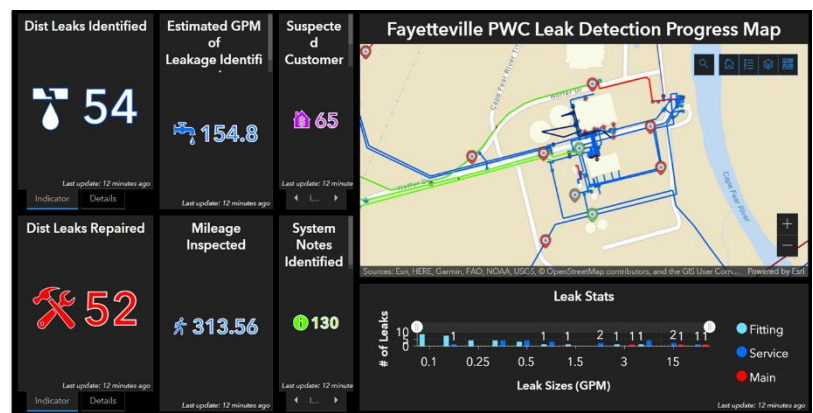
- Environmental Systems Research Institute (ESRI) GIS Dashboard used for data collection.
- Data Overlay allows for real time viewing

Findings:

- 54 water distribution leaks identified along 313.56 miles (Total System 1,422.40 miles)
- Estimated 154.8 gallons per minute (81,362,880 gallons per year)
- 65 suspected private side water leaks discovered (PWC's Conservation Specialists notified)
- 130 System notes identified on PWC's Assets

Results

- 54 out of the 54 water leaks discovered were repaired during normal work schedules



- Lost Revenue of \$355,555.79 per year (81,362,880 gallons of water at a cost of \$0.00437 per gallon)

FY23 and FY24 Combined Results

FY2023		FY2024		Totals
Water Distribution Leaks	43	Water Distribution Leaks	54	97
Miles Inspected	192.42	Miles Inspected	313.56	505.98
Suspected Customer Leaks	47	Suspected Customer Leaks	65	112
System Notes	95	System Notes	130	225
Gallons per minute	62.35	Gallons per minute	154.8	217.15
Gallons per year	32,771,160	Gallons per year	81,362,880	114,134,040
Loss Revenue	\$143,209.97	Loss Revenue	\$355,555.79	\$498,795.75

Future Projects

In FY25, continue Leak Detection Survey in PWC's High Pressure Water Zone

- Hope Mills
- Massey Hill
- Owen Drive Corridor

Commissioner Davis stated he is interested in seeing the loss over our entire service area annually. He is interested in seeing how we can grow this competency ourselves. Staff responded to additional comments and questions from Commissioners.

V. GENERAL MANAGER REPORT

Safety

Mr. Bryant stated the team continues to work safely. We are doing a great job balancing the outside potential distractions and by looking out for each other.

People

Mr. Bryant thanked Mr. Rynne and his team for the Light Up Navajo V project participation. He stated we will continue to do this. It is a mutual aid opportunity. It is training for our employees, and it is the right thing to do. Mr. Bryant stated we will continue to support it.

ElectriCities

PWC was very well represented at our ElectriCities Annual Conference. PWC was recognized for our 2023 Public Power Award of Excellence. The award of excellence encompasses how PWC strengthens public power; provides superior power; how we are customer centered with innovation and technology for our customers; as well as recognizing our people as our greatest asset. We will bring that award forward at a future meeting that formally recognizes our people who help make us proud and receive that award on our behalf.

Doing the right thing, and having the industry recognize us is so vitally important. It is not us thumping our chest out stating how good we are, but we have other folks recognizing us for the important work we do. This is important. Whether it is the awards we get at ElectriCities; or our guys and gals showing up helping to build others' systems for the first time, that is the biggest award. Mr. Bryant stated it really moves him. Last time we recognized our Water/Wastewater Professionals, this time we are highlighting a lot of the work from our Electric team.

Community Engagement

Tomorrow we will participate in the Greater Fayetteville State of the Community Engagement Luncheon. It will be held at the Crown Expo Center.

We are planning the Employee and Retiree Golf Tournament. It will be held on September 23rd at Cypress Lakes Golf Course.

Mr. Bryant invited the Commissioners to participate in both of the community engagement events.

VI. COMMISSIONER/LIAISON COMMENTS

City Council Liaison Derrick Thompson

City Council Liaison Thompson requested the Light Up Navajo V video be presented at the City Council September 9th session. He applauded PWC for moving that project forward and thanked PWC for all we do to help those who do not have.

Assistant County Manager Sally Shutt

No Comments

Commissioner Christopher Davis

No Comments

Commissioner Richard King

No Comments

Commissioner Ronna Rowe Garrett

Commissioner Rowe Garrett stated that when we recognized the Light Up Navajo project and she stated it was life changing to the Navajo Nation, it is also life changing to the guys who went out to assist them. It is a way to develop others in our organization. She appreciates PWC, as the Hometown

Utility, invested in our community have employees who have worked here for their lifetime, and she is sure there were some standing up there and she appreciates that. And this is one way to get them out and develop themselves as teams and as individuals.

Everyone knows Labor Day is a time to recognize our social and economic achievement of American workers, and we have a great workforce here in PWC, and she wants to recognize that.

Commissioner Donald Porter

Commissioner Porter stated he appreciated the planning session. It is nothing like the leadership and staff coming together. He appreciates the efforts of the staff. He appreciates the Commission (his battle buddies). It was a great two-way conversation.

Commissioner Porter applauded PWC for participating in the Light Up Navajo V project. He is always happy to see us recognize people. When you do good, you should get good, and when you do bad you get bad. He said we talk enough about the bad stuff, but there is a lot of good stuff. He is one that never allows someone else to define him, but that is what you do when you do not tell your own story. He went on to say, you just do not think of people right here in the United States having to do without power.

VII. REPORTS AND INFORMATION

The Commission acknowledges receipt of the following reports and information.

- A. Monthly Cash Flow Report - July 2024
- B. PO Report – July 2024
- C. Personnel Report - July 2024
- D. Career Opportunities
- E. Actions by City Council during the meeting of August 12, 2024, related to PWC:
 - Approved Resolution to Accept a State Loan Offer Under the Safe Drinking Water Act Amendments of 1996
 - Approved - Bid Recommendation – Gas Turbine 6 Frame Size 5 Exhaust Plenum
 - Approved Bid Recommendation – Online Low Range Turbidimeter & UV-254 Replacement
 - Approved Bid Recommendation – Rebid Lift Station Rehabilitation
 - Approved Bid Recommendation – Reject All bids for Prefabricated Relay Control Houses for Two Substations: FTCC and Murray Ford Rd.
 - Approved Bid Recommendation – Relay Control Houses
 - Bid Recommendation – ICP Mass-Spectrophotometer

VIII. CLOSED SESSION PURSUANT TO NORTH CAROLINA GENERAL STATUTES 143-318.11(A)(6) FOR PERSONNEL MATTERS

Commissioner Ronna Rowe Garrett motioned to enter Closed Session pursuant to North Carolina General Statutes 143-318.11(A)(6) for Personnel Matters. Motion was seconded by Commissioner Richard King and unanimously approved at 9:24 am.

There being no further discussion, upon motion by Commissioner Ronna Rowe Garrett, seconded by Commissioner Christopher Davis, and unanimously approved, the Commission returned to open session at 10:15 a.m.

IX. ADJOURNMENT

There being no further discussion, upon motion by Commissioner Ronna Rowe Garrett, seconded by Commissioner Christopher Davis, and unanimously approved the meeting was adjourned at 10:15 a.m.