

WADE R. FOWLER, JR., COMMISSIONER  
EVELYN O. SHAW, COMMISSIONER  
RONNA ROWE GARRETT, COMMISSIONER  
DONALD L. PORTER, COMMISSIONER  
MARION J. NOLAND, INTERIM CEO/GENERAL MANAGER



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PUBLIC WORKS COMMISSION  
MEETING OF WEDNESDAY, SEPTEMBER 14, 2022  
8:30 A.M.

AGENDA

I. REGULAR BUSINESS

- A. Call to order
- B. Approval of Agenda

II. CONSENT ITEMS

*(See Tab 1)*

- A. Approve Minutes of meeting of August 24, 2022
- B. Approve bid recommendation to award bid for the contract for the Ann Street to Green Street Sanitary Sewer Relocation to T. A. Loving Company, Goldsboro, NC, the lowest, responsive, responsible bidder, in the total amount of \$1,275,000.00, and forward to City Council for approval.

The Ann Street to Green Street Sanitary Sewer Relocation Project is budgeted in the Hurricane Matthew CPF (CPR1000332). The project costs will be reimbursed by FEMA.

Bids were received July 22, 2022, as follows:

| <u>Bidders</u>                      | <u>Total Cost</u> |
|-------------------------------------|-------------------|
| T. A. Loving Company, Goldsboro, NC | \$1,275,000.00    |

COMMENTS: Bid was advertised through PWC's normal channels on June 8, 2022, with an original bid opening date on June 30, 2022. PWC received only one (1) bid in response to the initial advertisement. Because the minimum required three (3) bids were not received, PWC readvertised the bid through its normal channels on July 14, 2022, with a bid opening date of July 22, 2022. The readvertisement again resulted in one (1) bid being submitted by T. A. Loving Company. The bid was evaluated by PWC Water Resources Engineering and staff recommends award to T. A. Loving Company as the lowest responsive, responsible bidder. **SDBE/Local Participation:** T A. Loving Company, Goldsboro, NC, is not a local business and is not classified as a SDBE Minority or Woman Owned business.

**BUILDING COMMUNITY CONNECTIONS SINCE 1905**

**AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER**

- C. Approve bid recommendation to award contract for the Shadow Lawn Aerial Sewer Crossing Replacement to T. A. Loving Company, Goldsboro, NC, the lowest, responsive, responsible bidder, in the total amount of \$2,767,010.00, and forward to City Council for approval.

The Shadow Lawn Aerial Sewer Crossing Replacement is a budgeted item (\$1,200,00.00 in FY23 & \$1,567,010.00 in FY24 in CPR1000438)

Bids were received July 22, 2022, as follows:

| <u>Bidders</u>                      | <u>Total Cost</u> |
|-------------------------------------|-------------------|
| T. A. Loving Company, Goldsboro, NC | \$2,767,010.00    |

**COMMENTS:** The bid was initially advertised through our normal channels on June 17, 2022, with a bid opening date of July 13, 2022, and only one bidder, T.A. Loving Company, submitted a bid. The bid was not opened. Notice of the bid readvertisement was through our normal channels on July 14, 2022, with a bid opening date of July 22, 2022. The readvertisement resulted in the submission of one bid, T.A. Loving Company. Award is recommended to T.A. Loving Company, Goldsboro NC.

The bid came in well above what was budgeted for the project in fiscal year 2023. Prices for materials have increased exponentially since the start of the Covid-19 Pandemic and the costs for the project could not have been anticipated over a year ago when the budget was created. Further complicating matters are major delays in receiving materials. It is anticipated that delivery of some of the materials needed to construct the Shadow Lawn project will take a year or more to receive once they are ordered. Due to these circumstances, we propose to award the project to T.A. Loving Company and utilize the FY23 Shadow Lawn budget to have materials ordered and paid. Water Resources Engineering (WRE) will budget for construction in FY24. Upon contract award, the contractor will order long lead time items that are not expected to arrive for 52-60 weeks (12-14 months) after ordering. **SDBE/Local Participation:** T A. Loving Company, Goldsboro, NC, is not a local business and is not classified as a SDBE Minority or Woman Owned business.

- D. Approve sole source recommendation from Electric Systems Support in the amount of \$414,000.00 to Systems with Intelligence, Inc. (SWI), Mississauga, ON, Canada for the purchase of hardware, software licenses, and technical support, to upgrade part of the existing substation security camera system. This upgrade is due to the existing embedded operating system not meeting PWC IS Cyber Security guidance's

Procurement has reviewed and concurs with the sole source justification. The existing security system was purchased via sole source procurements with SWI in 2015 and 2016. This system provides a tailored configuration of equipment at each substation, integrated to SCADA via SWI's hardware and video management system. Procurement conducted independent research and could not locate any resellers of SWI products. Integration of servers from other manufacturers would require the acquisition and utilization of SWI's video management system software therefore acquisition and implementation of goods from any source other than SWI would be impractical. Procurement recommends approval of this sole source recommendation ensuring compatibility with the existing system.

**BUDGET INFORMATION:** \$414,000 is budgeted in FY2023 Operating Capital – Security Monitoring Equipment Upgrade.

**COMMENTS:** N.C.G.S. 143-129(e)(6) allows an exception to the bidding requirements when (i) performance or price competition for a product are not available; (ii) a needed product is available from only one source of supply; or (iii) standardization or compatibility is the overriding consideration. This request supports the Commission's directive to accelerate the upgrade of security monitoring at all PWC substations.

- E. Adopt PWC Resolution # PWC2022.21 – Resolution of the Fayetteville Public Works Commission to Direct the Filing of an Application for State Loan Assistance

The above resolution for Commission action directs the filing of State Revolving Loan application for funding for the P. O. Hoffer WTP Expansion Phase 3 Residuals project which is currently estimated at approximately \$34.9 million.

**COMMENTS:** Staff recommends the Commission adopt the attached resolution directing staff to file the State Revolving Loan Application for the P. O. Hoffer WTP Expansion Phase 3 Residuals project

- F. Adopt PWC Resolution # PWC2022.22 – Resolution Delegating Authority to the CEO/General Manager to Execute Leases of One Year or Less

Staff recommends that the Commission clarify its delegation of authority to the CEO/General Manager to execute leases for one (1) year or less subject to Section 6A.9 of the Charter to the City of Fayetteville. The Commission has this authority pursuant to North Carolina General Statutes Section 160A-272(b), and the provided resolution clarifies the prior authority delegated by the Commission in Resolution No. PWC2010.07, a copy of which is attached.

**COMMENTS:** Delegating this authority will allow PWC to enter into short-term leases efficiently and effectively.

END OF CONSENT

### III. GENERAL MANAGER REPORT

### IV. COMMISSIONER/LIAISON COMMENTS

### V. REPORTS AND INFORMATION

*(See Tab 2)*

A. Utility Payments by Payment Type – August 2022

B. Career Opportunities

C. Approved N.C. Department of Transportation Encroachment Agreement(s):

- Encr. #19081 – Install. of underground street lighting facilities @ Camden Rd (SR 1003)

### VI. CLOSED SESSION PURSUANT TO NORTH CAROLINA GENERAL STATUTES 143-318.11(A)(3) TO CONSULT WITH AN ATTORNEY

**September 14, 2022**

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

VIII. ADJOURN

PUBLIC WORKS COMMISSION  
MEETING OF WEDNESDAY AUGUST 24, 2022  
8:30 AM

Present: Evelyn O. Shaw, Chairwoman  
Ronna Rowe Garrett, Vice Chairwoman  
Donald L. Porter, Secretary  
Wade R. Fowler, Jr., Treasurer

Others Present: Elaina L. Ball, CEO/General Manager  
Telly Whitfield, Assistant City Manager  
Media

Absent: Jimmy Keefe, Cumberland County Liaison

REGULAR BUSINESS

Chairwoman Evelyn Shaw called the meeting of August 24, 2022, to order at 8:30 am.

APPROVAL OF AGENDA

Upon motion by Commissioner Donald Porter, seconded by Commissioner Ronna Garrett, the agenda was unanimously approved.

CONSENT ITEMS

Upon motion by Commissioner Wade Fowler, Jr., seconded by Commissioner Donald Porter, the Consent Items were unanimously approved.

- A. Approve Minutes of meeting of August 10, 2022
- B. Approve bid recommendation to award the contract for the Sewer Main Rehabilitation Project to Insituform Technologies, LLC, Chesterfield, MO, the lowest responsive, responsible bidder, in the total amount of \$2,984,192.80, and forward to City Council for approval.

This project consists of rehabilitating existing concrete, clay, cast iron, and other various sewer mains utilizing a cured-in-place liner.

The Sewer Main Rehabilitation Project will be funded from FY2023 CIP, WS 48 (CPR1000128).

Bids were received June 23, 2022, as follows:

| <u>Bidders</u>                                 | <u>Total Cost</u> |
|--|-------------------|
| * Tri-State Utilities, Chesapeake, VA          | \$2,977,063.50    |
| Insituform Technologies, LLC, Chesterfield, MO | \$2,984,192.80    |
| AM-Liner East, Inc., Berryville, VA            | \$3,756,558.95    |

**COMMENTS:** Notice of the bid was advertised through PWC’s normal procedures on May 23, 2022, with a bid opening date of June 23, 2022. Addendum No. 1 was issued on June 17, 2022, to provide responses to questions from prospective bidders. Addendum No. 2 was issued on June 20, 2022, to provide bidders a certification form regarding any debarment, suspension, or other responsibility matters. The submitted bids were timely opened and evaluated by PWC Water Resources Engineering for this project. **SDBE/Local Participation:** Insituform Technologies, LLC is not a local business and is not classified as a SDBE Minority or Women-Owned business.

\*PWC evaluated the submitted bids and determined that Tri-State Utilities, LLC, submitted a non-responsive bid for the subject project and that such bid is not in the best interest of PWC. PWC then evaluated the bid of the next lowest bidder, Insituform Technologies, LLC, and concluded that Insituform Technologies, LLC was the lowest responsive, responsible bidder for the subject project.

C. Adopt PWC Resolution # PWC2022.20 - Resolution to Declare Personal Property as Surplus and Authorize Sale of Property by Sealed Bid

The Fayetteville Public Works Commission (“PWC”) owns equipment that is identified in our inventory as “transformer shipment #635, containing forty (40) transformers, totaling 2,175 kVA” (the “Equipment”). Staff has determined that PWC has no use for the Equipment at this time, and Staff estimates that the 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.

**COMMENTS:** Staff recommends the Commission adopt PWC Resolution # PWC2022.20 to Declare Personal Property as Surplus and Authorize Sale of Property by Sealed Bid.

D. Adopt PWC Ordinance # PWCORD2022-29 – FY2023 Electric & Waste/Wastewater (W/WW) Fund Budget Amendment #2

PWCORD2022-29 is an Electric and W/WW Fund amendment changing the fund balances as follows: The Electric Fund is increasing by \$3,023,200 to \$276.2 million and the W/WW Fund is increasing \$4,625,300 to \$143.7 million.

Within this budget amendment are increases in expenditures referred to as “encumbrance carryforward”. This is a governmental budgeting term that basically means that an expenditure was committed via a purchase order in the prior year’s budget, was not fully completed in the prior year as anticipated, and will be completed in this fiscal year with carryforward funds from the prior year. Section 3 of the Budget Ordinance adopted for FY2023 allows for these carryovers.

Aside from the purchase order encumbrance carryforward, an explanation of amended items is listed below.

**ELECTRIC FUND:**

- **Electric Fund Revenue:** Total Electric Fund Revenue increased \$3,023,200.
  - o Transfer from Budget Carryover Reserve increased by \$111,400 due to the expected delivery of vehicles that were ordered in FY22.
  - o Total Sales of Electricity decreased by \$508,400 for CP customer revenue. This is the calculated value passed on to CP customers per the true-up portion of their rate. This decrease is offset by increasing the Appropriation from Electric Rate Stabilization Fund and has a zero net effect on Net Position.
  - o Appropriation from Net Position increased by \$2,911,800 due to expenses below.

- Electric Fund Expenditures: Total Electric Fund Expenditures increased \$3,023,200.
  - o The impact of the purchase order encumbrance carryforward from FY22 to FY23 was \$1,506,900 as follows. Capital Expenditures increased \$988,200 for capital projects not completed by fiscal year end and Operating Expenditures increased \$518,700 for professional services-related expenses.
  - o Operating expenses also increased by \$33,300 due to parking deck fees being moved from W/WW Fund to the Electric Fund.
  - o Debt Service increased by \$925,400 due to GASB 87 & 96 lease principal payments for FY23.
  - o Capital also increased by \$327,900 as a result of FY22 projects and equipment with an expected delivery or completion date in FY23.
  - o Budgetary Appropriations increased by \$229,700 due to the FY22 rollover of unused budgeted legal services into the legal reserve.

#### WATER/WASTEWATER FUND:

- W/WW Fund Revenue: Total W/WW Fund Revenue increased \$4,625,300.
  - o Transfer from Budget Carryover Reserve decreased by \$78,900 due to equipment that was expected to be received in FY23 but was instead received in FY22.
  - o Appropriation from W/WW Net Position increased by \$4,704,200 due to expenses below.
- W/WW Fund Expenditures: Total W/WW Fund Expenditures increased \$4,625,300.
  - o The impact of the purchase order encumbrance carryforward from FY22 to FY23 was \$1,538,600 as follows. Capital Expenditures increased \$1,144,700 for capital projects not completed by fiscal year end and Operating Expenditures increased \$393,900 for professional services-related expenses.
  - o Operating expenses also decreased by \$33,300 due to parking deck fees being moved from W/WW Fund to the Electric Fund.
  - o Debt Service increased by \$925,400 due to GASB 87 & 96 lease principal payments for FY23.
  - o Capital also increased by \$2,023,600 as a result of FY22 projects and equipment with an expected delivery or completion date in FY23.
  - o Budgetary Appropriations increased by \$171,000 due to the net effect of the FY22 rollover of unused budgeted legal services into the legal reserve, and the reduction of Appropriation to W/WW Net Position to zero.

*Staff recommends the Commission adopt the above budget ordinance amendment PWCORD2022-29.*

#### E. Adopt PWC Capital Project Fund Budget Ordinances - PWCORD2022-30 thru PWCORD2022-33

The following ordinances will be effective upon adoption:

- PWCORD2022-30 amends the budget ordinance for the Electric Rate Stabilization Fund (ERSF). The ERSF will transfer \$508,400 to the GF to pay for the CP true-up to customers.
- PWCORD2022-31 amends the Annexation Phase V, Areas 22-23 CPF to reallocate surplus Series 2021 bond proceeds to Annexation Phase V, Areas 32-34 CPF and true-up interest and transfers to actual.
- PWCORD2022-32 amends the Annexation Phase V, Areas 32-34 CPF for additional proceeds to be received from the Series 2021 bonds.
- PWCORD2022-33 amends the Annexation Phase V Reserve to true-up the transfer to the Annexation Phase V Areas 22-23 CPF.

*Staff recommends the Commission adopt the above budget CPF ordinance amendments.*

## END OF CONSENT

### CUSTOMER SATISFACTION SURVEY RESULTS

Presented by: Bevan Grice, Director, Customer Services

Tim Veitengruber, Escalent Energy Director

Mr. Bevan Grice introduced Mr. Tim Veitengruber of Escalent. Mr. Grice stated PWC will take the results of the customer survey, and make improvements where we can in these areas in an attempt to be best utility in the area.

Mr. Veitengruber stated Escalent administered online surveys using residential customer emails supplied by PWC. Baseline surveys were conducted in September 2021. The recent tracking wave was conducted in June 2022. He stated there were approximately 40 total performance questions of which 35 are benchmarked against other utility survey results from Escalent's Cogent Syndicated Utility Trusted Brand & Customer Engagement Study. The remainder of survey corresponds to previous PWC survey topics or other ad hoc topics of interest such as Customer Service Interactions, Communication Preferences, PWC Advertising and News Awareness, e-Bill Adoption, Renewable Energy, Solar and EVs, etc.

Below are the utilities Escalent is benching PWC against:

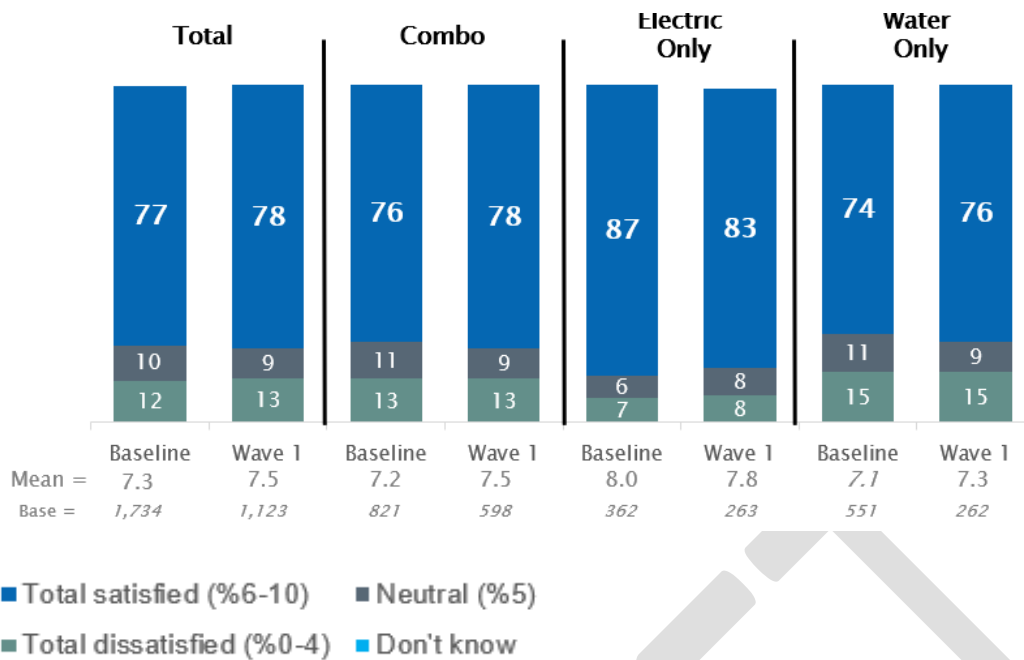
#### Top Performing Customer Satisfaction Utilities Selected

|   | Residential<br>(16) | Electric<br>(16) | Municipal Utility<br>(11) | Water<br>(7) |
|---|---------------------|------------------|---------------------------|--------------|
| Austin Energy                           | X                   | X                | X                         | X            |
| Colorado Springs Utilities              | X                   | X                | X                         | X            |
| CPS Energy                              | X                   | X                | X                         |              |
| Duke Energy Carolinas                   | X                   | X                |                           |              |
| Duke Energy Progress                    | X                   | X                |                           |              |
| Florida Power and Light                 | X                   | X                |                           |              |
| FPL Northwest FL ( <i>Gulf Power</i> )  | X                   | X                |                           |              |
| JEA                                     | X                   | X                | X                         | X            |
| Kentucky Utilities                      | X                   | X                |                           |              |
| Los Angeles Department of Water & Power | X                   | X                | X                         | X            |
| Nashville Electric                      | X                   | X                | X                         |              |
| OUC                                     | X                   | X                | X                         | X            |
| Salt River Project                      | X                   | X                | X                         | X            |
| Seattle Light                           | X                   | X                | X                         |              |
| SMUD                                    | X                   | X                | X                         |              |

*Note: Additional comparison made to 26 total South Electric Regional Benchmarking Utilities that includes only Electric Utilities from Texas to Virginia.*

Overall Satisfaction with PWC





#### Residential Benchmarking results – Overall Satisfaction

|                              |                     | Baseline |              | Wave 1   |              |
|------------------------------|---------------------|----------|--------------|----------|--------------|
|                              | Number of Utilities | PWC Rank | PWC Quartile | PWC Rank | PWC Quartile |
| Electric Utilities           | 16                  | 14       | 4            | 11       | 3            |
| Municipal Utilities          | 11                  | 10       | 4            | 8        | 3            |
| Water Utilities              | 7                   | 6        | 4            | 5        | 3            |
| Southeast Electric Utilities | 26                  | 23       | 4            | 18       | 3            |

#### Residential Strengths and Opportunities

- Scores improved for PWC across nearly all benchmarked measures, while scores for the benchmarking peer group utilities are generally stable or have moved lower in 2022.
- PWC is a 1<sup>st</sup> quartile performer on 24 of 35 benchmarking measures compared to the Residential/Electric Utility peer group.

##### Strengths

- Electric Reliability
- Customer Service
- Billing
- Energy Conservation
- Customer Communications
- Community Support

##### **Top 5 Characteristics of an Ideal Utility**

- Reliable service
- Easy to deal with
- Customer-focused
- Helping me save money
- A great value

##### Opportunities

- High and Increasing Rates – Offers reasonable rates for service(s) provided, Monthly bill amount is manageable
- Customer Opinions of PWC and Comments from others about PWC are mostly positive (Overall favorability)
- Water Quality and Cleanliness – Smell and Taste
- Environment – Supports environmental causes and Seeks ways to protect the environment

Mr. Grice stated PWC has implemented Apogee videos for our customer bills. It is a customer education piece. He stated the responses have been 98% positive. That is one of the tools we are implementing that we believe will move the needle. We just need to educate the customers about our rates. We have some of the best rates in the region.

Ms. Ball stated Mr. Grice and his team took the write-in comments from the customers and personally responded to each of them.

Ms. Justice-Hinson stated the video explanations that we have implemented through Apogee also have a survey at the end and request customer contact information so we can contact customers who have issues.

Commissioner Fowler stated he found interesting the customer survey responses regarding increased rates. He stated he assumed it was from water because we have not increased electric rates in some time. Additional discussion ensued.

The Commission thanked Mr. Grice and Mr. Veitengruber for the update on the Customer Satisfaction Survey Results.

## SMALL LOCAL SUPPLIER (SLS) PROGRAM UPDATE

Presented by: Candice Kirtz, Director of Supply Chain

Ms. Candice Kirtz, the Director of Supply Chain provided the Commission with an update of the SLS Program, as well as an Industry Day debrief.

Ms. Kirtz introduced Ms. Nikole Bohannon, the SLS Program Manager, and Ms. Gail Battle, the new local vendor analyst. Ms. Kirtz stated we have a great team, and she is excited about the things they accomplish together for our small local business community.

Ms. Kirtz stated the purpose of the SLS Program is to

- ▶ Support local utilization
  - Strategic priority for economic development
  - Bid debriefs
  - Specification/material review input
- ▶ Encourage capacity development
  - SBTDC MOU effective July 2022
  - Workshops and networking events
  - NAICS matching
- ▶ Offer procurement opportunities
  - 30 Under 30 List

Support Local Utilization – Updates

Ms. Kirtz stated in an effort to support local utilization the SLS Program Resolution was approved. They began engaging internal SLS training, to include cost center-specific meetings with departments regarding their local vs. non-local spend. The SLS Spend Dashboard is available in Sisense which provides information on local spend. The purchasing website was also updated which includes the SLS directory.

#### Encourage Capacity Development – Updates

Ms. Kirtz stated staff has completed the MOU with the Small Business Technology Development Center (SBTDC). The MOU was effective in July 2022. Staff hosted Virtual How to Do Business with PWC mini-workshops in partnership with the SBTDC. Also, the ‘How to Do Business with PWC’ booklet was updated and is available online. It was also handed out at the Industry Day event.

#### Offer Procurement Opportunities – Updates

Ms. Kirtz stated the SLS Department completed the following:

- ▶ Potential SLSs identified
- ▶ SLS applications processed
- ▶ SLS certification form designed
- ▶ Procurement Needs list revised
- ▶ 30 under 30k list provided to departments
- ▶ Upcoming opportunities list was shared with our Small Local Suppliers

#### Small Local Supplier Expectations

Ms. Bohannon stated the following related to our expectations from SLS participants.

- ▶ Self-certify as an SLS
- ▶ Utilize iSupplier to maintain their business information
- ▶ Respond to PWC end-user quote requests
- ▶ Attend outreach events
- ▶ Ask questions
- ▶ Provide feedback
- ▶ Complete surveys

#### SLS Program Staff Expectations

- ▶ SLS Program recruitment
- ▶ Increase the participation of SLSs
- ▶ Business site visits
- ▶ Identify and mitigate procurement barriers
- ▶ Identify partners
- ▶ SLS Matchmaking
- ▶ Advanced planning w/ procurement
- ▶ Analyze spend data
- ▶ Prepare spend reports for departments and divisions
- ▶ Complete the business resource mapping assignment in partnership with the Fayetteville Cumberland Economic Development Corporation (FCEDC)

## Future Action Items

- ▶ Event surveys and follow-ups
- ▶ Review minority spend
- ▶ Identify tracking metrics for subcontractor spend
- ▶ Contractor Round Table in partnership with FSU
- ▶ Incorporate SLS provisions in the procurement standardized templates
- ▶ Incorporate Disparity Study recommendations to program
- ▶ Identify SLS spend goals

## Industry Day Debrief

There were 93 Event Registrations which included, General Services Providers, Professional Services Providers, Inventory & Apparatus, Materials, Supplies Suppliers, Electric & Water Construction Contractors (Primes & Subs), and Fleet Dealers.

There were 22 new vendor registrations and 20 new SLS certifications

Ms. Bohannon listed the SLSs that were certified prior to the Industry Day Event. She stated some of these vendors are vendors we have been doing business with for a number of years such as illy Bill Grading, Fleming & Associates, A-1 Supply Company, Gill Security Systems, and Hope Mills Saw & Mower. We also have a few new suppliers such as Yellow Crayons.

- ▶ A Doorway 4 You, LLC
- ▶ A-1 Supply Company
- ▶ Billy Bill Grading Company, Inc
- ▶ Brantley Electronics of Fay, Inc
- ▶ Fleming & Associates, PA
- ▶ Gill Security Systems
- ▶ Hope Mills Saw & Mower
- ▶ Jeb Designs, Inc
- ▶ M&E Contracting, Inc
- ▶ Seegars Fence Company of Fayetteville
- ▶ Sidebotham Substation Services
- ▶ Tew Tile & Carpet Co., Inc.
- ▶ Triangle Print Source, LLC
- ▶ Williams Printing & Office Supply
- ▶ Williams Office Environments, Inc.
- ▶ Yellow Crayons

## Statistics and Future Goals

Ms. Bohannon stated for FY22 there was \$100,405,337 total spend, with \$10,364,681 being spent locally. This spend equates to an overall 10.35% local spend for FY22.

Current July data for FY23 supports that there was a total spend of \$5,395,563, with \$590,563 spent locally, and \$2,407 spent with certified small local suppliers. To date we have 310 local suppliers and 16 certified small local suppliers. We are currently working through the vendor registrations and SLS certification forms received from Industry Day, so we expect to see an increase for this data.

| FY22 Spend    |               |
|---------------|---------------|
| % Local Spend | 10.35%        |
| Local Spend   | \$10,364,681  |
| Total Spend   | \$100,405,337 |

| Local Suppliers |
|-----------------|
| 310             |

| FY23 Spend – July Only     |             |
|----------------------------|-------------|
| Small Local Supplier Spend | \$2,407     |
| Local Supplier Spend       | \$590,563   |
| Total Spend                | \$5,395,563 |

| Small Local Suppliers |
|-----------------------|
| 16                    |

Following the presentation, staff entertained questions/comments from Commissioners.

Commissioner Ronna Garrett congratulated staff on the success of the program to date. She asked if PWC supplies education on Mentor-Protégé JV (Joint Venture). Ms. Bohannon stated these are topics in our workshops, and our partner SBTDC will educate them for the additional resources that are available. Ms. Kirtz stated we will also receive input from contractors when they are looking for small businesses and minority businesses to utilize for joint partnerships.

Commissioner Garrett also asked for clarification on staff's definition of minority. Ms. Kirtz stated it describes Woman Owned Business, Economically Disadvantaged, etc., It is a distinguisher. Additional discussion ensued.

Commissioner Fowler stated that marrying small suppliers and contractors with primes is important. Also, we were working on laying out projects and he hopes we are still doing it so contractors can build capacity to do bigger jobs. Ms. Fritzen stated one of the reasons we picked this time to do the Industry Day early in the fiscal year was for that exact reason, so we could highlight the projects we plan to do in this fiscal year. Additional discussion ensued.

Commissioner Porter stated this is a program that was just started when he came on board, and he commends staff for the manner in which they have tackled this. He suggested that this briefing be given to the City/Council.

Commissioner Shaw asked who determines or what determines who can become an eligible SLS. Ms. Kirtz responded that they have to be small, and we are utilizing the SBA size requirement to determine if they are a small business or not. They also have to be local, which means they have to be within the Fayetteville metropolitan statistical area which are Cumberland, Hoke, and Harnett counties. They also have to provide a good or service that PWC buys. We verify their eligibility before we provide them with a certification.

Commissioner Shaw also asked if PWC has a percentage of businesses that have gone through the certification process that have either been awarded a contract or utilized by the various departments. Ms. Kirtz responded out of the current sixteen SLSs that have been certified, (not including 20 that were certified at Industry Day) three of them have been utilized as of July. Commissioner Shaw also asked if there is a follow-up with the department heads to the spend report that is issued, in particular, if the report does not indicate there has been

minimal activity. Ms. Kirtz responded yes. The report Ms. Bohannon prepares is based on encumbrances below \$30,000. That report shows the department heads (officers) the suppliers they have utilized with the dollar value, and how many of them were local. We let them know their percentage of local utilization. She then uses that list to prepare the 30 under 30 list. We will also compare the actual spend monthly or quarterly. Commissioner Shaw asked once the spend report has been shared and reviewed with the managers, and there has not been any progress what is the next step? Ms. Fritzen stated Ms. Kirtz meets with her weekly and these issues as well as others are discussed, and a course of action will be mapped.

Commissioner Shaw stated she is pleased with the progress of the program. She asked if there is a plan for a 'stakeholders' meeting. Ms. Kirtz replied they have not done so yet, but they will place it on their action items. Commissioner Shaw stated this type of meeting helps the supplier/vendor to understand what our goals are and our desired outcomes.

Commissioner Fowler asked why Sampson and Robeson counties are not included. Ms. Ball stated when we established the program, we defined the metropolitan statistical area as the definition of local.

The Commission thanked staff for their diligence, and they look forward to the next update.

#### STRATEGIC PRIORITIES UPDATE – UPDATED INTEGRATED RESOURCE PLAN

Presented by: Jonathan Rynne, Chief Operations Officer, Electric  
Chris Dawson, GDS Associates  
Robert Taylor, GDS Associates

Mr. Rynne stated we began this process about a year ago. We partnered up with GDS to assist us in looking at all the elements of Integrated Resource Planning. In March we discussed what the IRP would be. Mr. Rynne stated Mr. Dawson is here and Mr. Taylor is on virtually to discuss the conclusion of the study and look at trying to predict in the future what PWC needs to do to position itself to make the most of our generation resources at Butler Warner; the opportunities we have in our power supply contract; and to be prepared for the next evolution of possible termination in our contract with DEP; what does that look like, and what should we be doing right now to prepare for it.

Mr. Dawson stated we have had a couple of updates with the Commission as we have proceeded through this process. Mr. Dawson stated for today's conversation it would be helpful to talk about where we have been and what has brought us to this point in the Integrated Resource Plan effort.

PWC had a 5 year option to terminate DEP PSCA which had to be exercised in 2019. Over 18 months, PWC investigated and evaluated power supply alternatives for post-2024 power supply arrangements.

That effort led to renegotiated DEP PSCA.

- Initial cost reductions (2021 – 23)
- ROE Favored Nations
- Extended/increased BWGP credits / benefits
- 3 Year Termination Option (effective 2032)
- Utilization of DSM / DR programs

Since then, what has changed?

- COVID-19
- Supply Chain Constraints
- Fuel & Commodity Prices

- Inflation / Interest Rates
- HB 951 / Inflation Reduction Act
- Capacity Shortages?

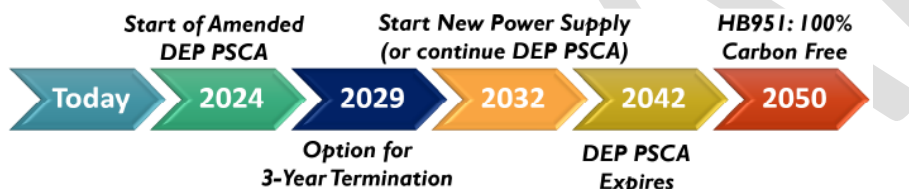
What is an Integrated Resource Plan?

An IRP is a holistic planning tool used by electric utilities. It is a road map for future decisions, which provide guidance on criteria for future decisions. It incorporates feedback from various stakeholders, and evaluates resources under different scenarios

An IRP is not a conclusion for a specific resource portfolio. It is not a “one-off” study, nor is it a prediction of the future

Why is PWC Conducting an IRP?

- Maximize current options under PSCA
  - DSM / DR programs
  - BWGP capacity benefits vs alternatives
  - Compliance resources
- Value of 2029 PSCA termination option?
- Evaluate potential resource alternatives
  - Before 2032 and after 2032
  - Update DEP PSCA power cost projections
- Implications of carbon-free transition?

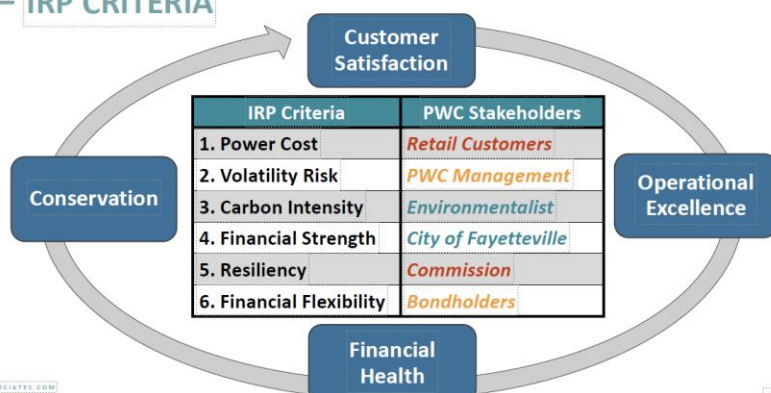


PWC's Objectives

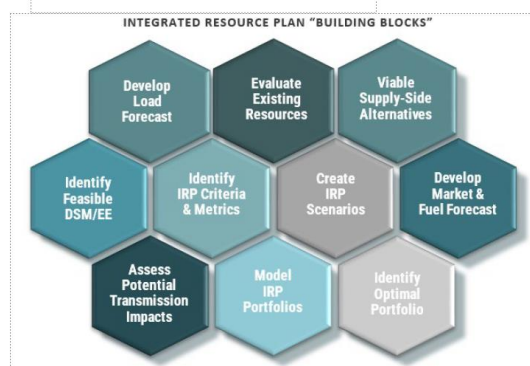
- PWC Strategic Priorities
  - Financial Health
  - Conservation
  - Operational Excellence
  - Customer Satisfaction
- Strategic Plan Stakeholders
  - Retail Customers
  - Bondholders
  - Commissioners
  - City of Fayetteville
  - PWC Management & Employees



## IRP CRITERIA



## IRP BUILDING BLOCKS



□ IRP process designed to incorporate series of assumptions, portfolio resource alternatives, and apply criteria to determine best options for the future

Mr. Dawson stated the preferred IRP outcome is to present preferred options and provide direction over the next 5-7 years. To identify a path forward that provides a balance of risk / reward for the benefit of PWC stakeholders, and to communicate a plan to PWC stakeholders

The preferred IRP outcome is continuous improvement

- Need flexibility to evolve and adapt to future changes (e.g. technology, regulatory, commodity)
- Update / reassess every 3 – 5 years to continuously evaluate risks / rewards and new opportunities

### IRP Scenarios

- IRP relies on assumptions and assumptions are wrong ...
  - World has changed dramatically over the past; will continue to do so in the future
- Assess portfolios under different IRP scenarios
  - Scenarios with varying future assumptions
  - Helps “future proof” resource decisions

### “Business-As-Usual” Scenario

- Represents the world as we know it today, and includes:
  - Minimal load growth
  - Mid-range electric vehicle (EV) penetration
  - Current generation technologies at expected cost
  - Expectations for fuel prices and regulations



### Accelerated Technology Scenario

- Represents higher economic growth, higher penetration of clean technology, and includes:
  - Higher EV penetration
  - Higher demand-side program growth
  - Current generation technologies at lower cost
  - Lower natural gas prices

### Increased Regulation Scenario

- Represents increased regulations and more adverse business environment, includes:
  - Higher EV penetration
  - Higher demand-side program growth
  - Current generation technologies at higher cost
  - Higher natural gas prices; Carbon tax

### Scenario Summary

| Scenarios               | Demand Side Program Growth | Electric Vehicle (EV) Sales | Supply Side Option Costs | Natural Gas Prices | Regulations | Carbon Tax |
|-------------------------|----------------------------|-----------------------------|--------------------------|--------------------|-------------|------------|
| Business-As-Usual (BAU) | BAU                        | BAU                         | BAU                      | BAU                | BAU         | N/A        |
| Accelerated Technology  | Higher                     | Higher                      | Lower                    | Lower              | BAU         | N/A        |
| Increased Regulation    | Higher                     | Higher                      | Higher                   | Higher             | Higher      | Yes        |

### Butler-Warner

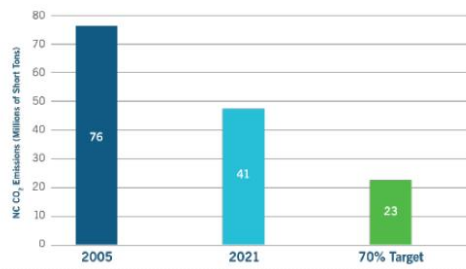
- Evaluate BWGP investments vs. replacing with new generation
  - Continue simple-cycle operation
  - Retire plant for alternative generation
  - Natural gas fuel supply issues?
- BWGP Qualitative Value
  - Resiliency and reliability benefits?
- Projected O&M & Capital Expenses
  - 2022 – 2026: Major turbine overhauls /HRSG replacement
  - 2030 – 2034: Repeat scope of work

### DUKE CARBON EXPOSURE - (BASED ON DUKE ENERGY'S MAY 2022 CARBON PLAN)

Figure 3-6: Portfolio 1 Summary

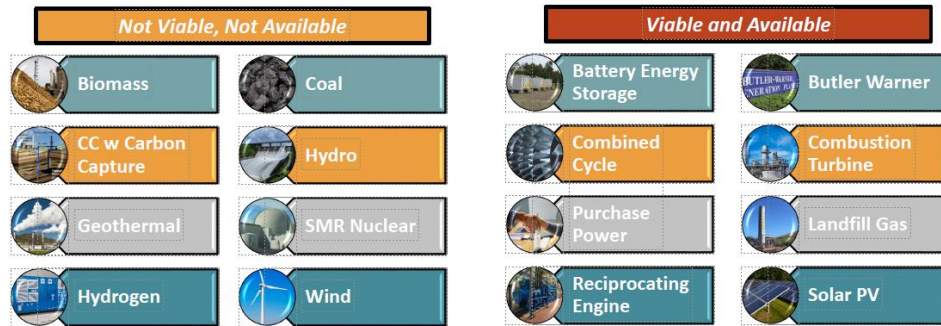


Figure 2: North Carolina CO<sub>2</sub> Emissions Baseline, Progress and 70% Reduction Target

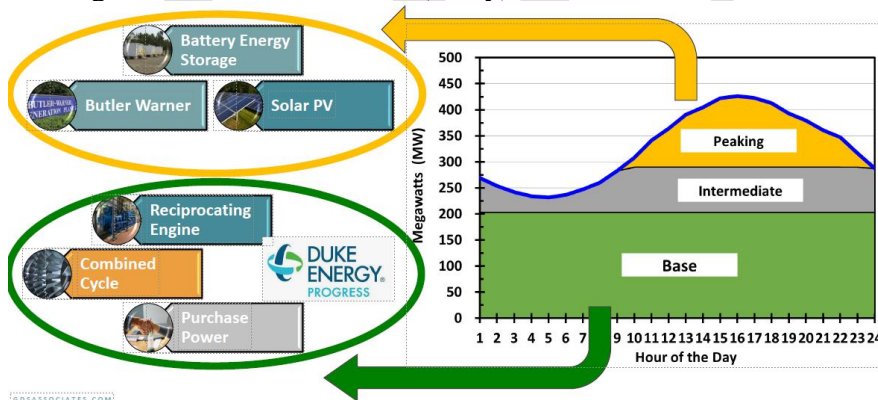


## Supply Side Alternatives

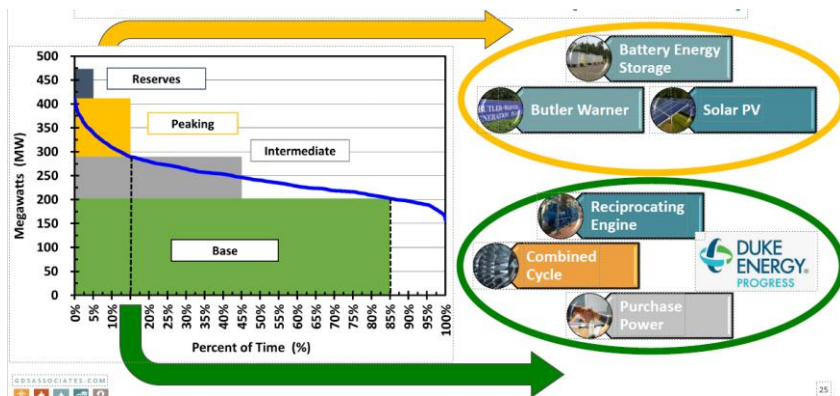
- Identify resource alternatives that can effectively serve PWC's load



## Serving Load & IRP Resources (Daily)



## Serving Load & IRP Resources (Annually)



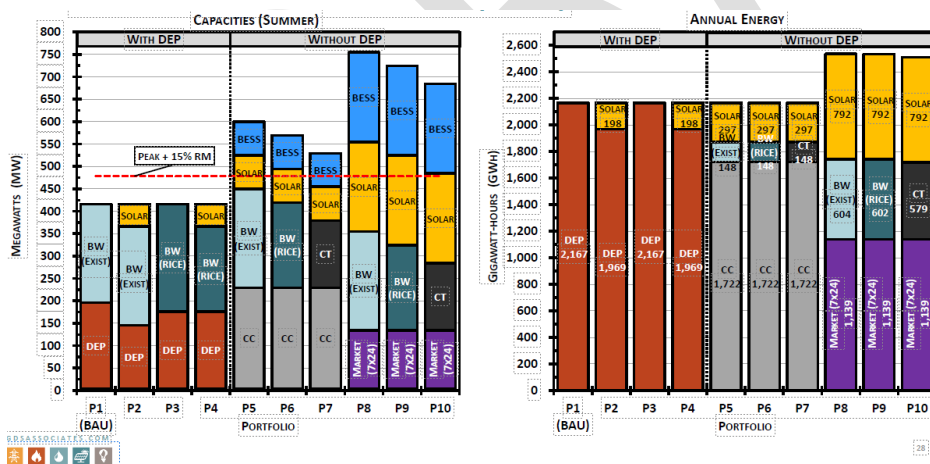
## Cost of Supply Side Alternatives

| Alternative                          | Project Costs        |                      | Sources           | Resource Type      |
|--------------------------------------|----------------------|----------------------|-------------------|--------------------|
|                                      | Capital (2022 \$/kW) | O&M (2022 \$/kW-yr.) |                   |                    |
| Battery Energy Storage System (BESS) | \$1,300              | \$28                 | AEO; NREL         | Reserves / Peaking |
| Butler-Warner                        | \$125                | \$29                 | PWC               | Peaking            |
| Combined Cycle                       | \$1,100              | \$36                 | AEO; Lazard; NREL | Base/ Intermediate |
| Combustion Turbine                   | \$900                | \$19                 | AEO; Lazard; NREL | Peaking            |
| Reciprocating Engine                 | \$1,500              | \$23                 | S&P               | Peaking            |
| Solar PV (Community)                 | \$1,300              | \$14                 | Lazard            | Peaking            |
| Solar PV (Utility Scale)             | \$1,200              | \$20                 | AEO; Lazard; NREL | Peaking            |








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## IRP Portfolio Summary (2033)



## IRP Portfolio Evaluation

| Portfolio Legend |                                      | 2024 – 2032   | 2033-2043  |  |
|------------------|--------------------------------------|---|--|--|
| New Resources    | 1 - Business as Usual (BAU)          |  |  |  |
|                  | 2 - BAU Plus Solar                   |   |  |  |
|                  | 3 - DEP with BW (RICE)               |   |  |  |
|                  | 4 - DEP with BW (RICE) Plus Solar    |   |  |  |
|                  | 5 - CC   BW (Exist)   Solar   BESS   |  |  |  |
|                  | 6 - CC   BW (RICE)   Solar   BESS    |   |  |  |
|                  | 7 - CC   CT   Solar   BESS           |   |  |  |
|                  | 8 - 7x24   BW (Exist)   Solar   BESS |   |  |  |
|                  | 9 - 7x24   BW (RICE)   Solar   BESS  |  |  |  |
|                  | 10 - 7x24   CT   Solar   BESS        |   |  |  |
|                  |                                      | New Resources   |  |  |

Mr. Dawson stated where we sit today, we have no major capital investments that we need to be made. We do have opportunities.

Mr. Dawson stated we recommend continuing what you are doing with Butler-Warner. It is clear that it is the best choice for at least the next 10 years. Implement the DSM/DR programs that PWC has already been evaluating and plans to rollout. Some have already been initiated. Maximize your compliance resources that are available to you under your current agreement with DEP. It provides benefits to PWC to help further reduce cost under that agreement.

He stated this type of effort is done on an on-going basis. Considering seven years from now when you need to give the three year termination notice, or not, the next best time to evaluate that decision is about four to five years from now, starting in 2027 you will want to undergo a very similar effort.

Mr. Dawson responded to questions from Commissioner Fowler regarding megawatts in scenarios 6-10.

The Commission thanked GDS for the presentation.

## GENERAL MANAGER REPORT

### Duke Energy

Ms. Ball stated PWC was noticed on Friday that Duke will file at FERC to consolidate their DEP and DEC systems.

Part of the Inflation Reduction Act does provide Public Power access to investment and production tax credits that the industry has not been able to access. This may have an impact on the analysis as we go into closed session and discuss that. It is a big win for public power. Less than one percent of public power owns renewable resources, and it is largely because of this tax loophole that public power has been excluded from does present a real opportunity to buy down the costs that we can self-build and operate.

### Water/Sewer Line Construction Program

FTCC has completed their Water and Sewer Line Construction Program and the first classes begin September 12<sup>th</sup>.

### Water to Grays Creek

Ms. Ball stated she received a message from the County relative to Grays Creek. They are seeking additional grant funds to support Phase One of providing water to the schools. The County noticed Ms. Ball that they would like to include the bulk water agreement in their grant application. Ms. Ball stated we do not have a bulk water agreement with the County. They are referencing an old tri-party agreement that involves RC Williams. There are some wholesale water provisions that were included at that time. Ms. Ball stated PWC has worked diligently to try to get an agreement with Grays Creek and we have hit roadblock after roadblock with the County. We are working with our technical teams trying to be a good partner to help design the system to what they need.

### **New Commissioner Appointment**

Ms. Ball stated we have an appointment for a new commissioner upcoming soon. The City has planned the Appointments Committee meeting for August 29<sup>th</sup>.

### **COMMISSIONER/LIAISON COMMENTS**

#### *No Commissioner Comments*

Council Member Deno Hondros introduced himself to the Commission. Council Member Hondros was recently sworn in and is representing District 9. He stated he is a Fayetteville native and a PWC customer for almost 46 years. The Commission welcomed Council Member Hondros.

### **REPORTS AND INFORMATION**

The Commission acknowledges receipt of the following reports and information.

- A. Monthly Cash Flow Report - July 2022
- B. Recap of Uncollectible Accounts – July 2022
- C. Customer Payments by Payment Type – July 2022
- D. Investment Report - July 2022
- E. Purchase Orders – July 2022
- F. Position Vacancies
- G. Financial Statement Recaps –
  - Electric – July 2022
  - Water/Wastewater – July 2022
- H. Approved N.C. Department of Transportation Encroachment Agreement(s):
  - Enchr. # 19673 – install 12” RJDI sewer main @ SR1112 (Stoney Point Rd.) and SR1108
  - Enchr. # 19674 – install 8” RJDI sewer main @ SR1112 (Stoney Point Rd.) and SR1109
- I. Actions by City Council during the meeting of August 8, 2022, related to PWC:
  - Approved Bid Recommendation - Teardrop Light Fixtures
  - Approved Bid Recommendation - Primary Cable 1/0 AL & 750 MCM AL
  - Approved to Adopt Phase 5 Annexation Area 32 East Section II Preliminary Assessment Resolution and Set Public Hearing

CLOSED SESSION PURSUANT TO NORTH CAROLINA GENERAL STATUTES SECTION 143-318.11(A)(1) TO PREVENT THE DISCLOSURE OF CONFIDENTIAL INFORMATION SUBMITTED PURSUANT TO SECTION 132-1.2 THAT IS NOT CONSIDERED A PUBLIC RECORD.

Commissioner Wade Fowler motioned to enter Closed Session pursuant to North Carolina General Statutes Section 143-318.11(A)(1) to prevent the disclosure of confidential information pursuant to Section 132-1.2 that is not considered a public record following a 10 minute break. Motion was seconded by Commissioner Donald Porter, and unanimously approved at 10:08 am.

Following discussion, Commissioner Wade Fowler motioned to return to open session, seconded by Commissioner Ronna Garrett at approximately 10:45 am.

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

Commissioner Wade Fowler motioned to enter Closed Session pursuant to NCGS 143-318.11(a)(6) to discuss Personnel Matters. Motion was seconded by Commissioner Donald Porter, and unanimously approved at approximately 10:46 am.

Following discussion, Commissioner Ronna Garrett motioned to return to open session, seconded by Commissioner Donald Porter at approximately 11:10 am.

ADJOURNMENT

There being no further discussion, upon motion by Commissioner Ronna Garrett, seconded by Commissioner Donald Porter, the Commission adjourned at approximately 11:10 a.m.

**FAYETTEVILLE PUBLIC WORKS COMMISSION  
ACTION REQUEST FORM**

**TO:** Mick Noland, Interim CEO/General Manager

**DATE:** 9/7/2022

**FROM:** Trent Ensley, Procurement Manager

.....

**ACTION REQUESTED:** Approve award for Ann Street To Green Street Sanitary Sewer Relocation project.

**BID/PROJECT NAME:** Ann Street To Green Street Sanitary Sewer Relocation

**BID DATE:** July 22, 2022

**DEPARTMENT:** Water Resources Engineering

**BUDGET INFORMATION:** Hurricane Matthew CPF (CPR1000332). The project costs will be reimbursed by FEMA.

.....

**BIDDERS**

T.A. Loving Company, Goldsboro, NC

**TOTAL COST**

\$1,275,000.00

.....

**AWARD RECOMMENDED TO:** T.A. Loving Company

**BASIS OF AWARD:** Award is recommended to T.A. Loving Company as the lowest responsive, responsible bidder.

.....

**COMMENTS:** The Commission is asked to approve the award for the Ann Street To Green Street Sanitary Sewer Relocation project to T.A. Loving Company of Goldsboro, North Carolina as the lowest responsive, responsible bidder. Bid was advertised through PWC's normal channels on June 8, 2022, with an original bid opening date on June 30, 2022. PWC received only one (1) bid in response to the initial advertisement. Because the minimum required three (3) bids were not received, PWC readvertised the bid through its normal channels on July 14, 2022, with a bid opening date of July 22, 2022. The readvertisement again resulted in one bid being submitted by T.A. Loving Company. The bid was evaluated by PWC Water Resources Engineering and staff recommends award to T.A. Loving Company as the lowest responsive, responsible bidder.

This project is funded through the Hurricane Matthew CPF (CPR1000332). The total contract amount is \$1,275,000. The project costs will be reimbursed by FEMA.

.....

**ACTION BY COMMISSION**

**APPROVED** \_\_\_\_\_ **REJECTED** \_\_\_\_\_

**DATE** \_\_\_\_\_

**ACTION BY COUNCIL**

**APPROVED** \_\_\_\_\_ **REJECTED** \_\_\_\_\_

**DATE** \_\_\_\_\_



**BID HISTORY FOR ADVERTISEMENT  
AND REDVERTISEMENT OF ANN STREET TO  
GREEN STREET SANITARY SEWER RELOCATION**

**BID DATE: July 22, 2022**

**Advertisement**

- |    |             |                             |
|----|-------------|-----------------------------|
| 1. | PWC Website | 6/8/2022 through 6/30/2022  |
| 2. | PWC Website | 7/14/2022 through 7/22/2022 |

**List of Prospective Bidders Notified of Bid**

1. TA Loving Company, Goldsboro, NC
2. Sunland Construction, Arden NC
3. Wellons Construction, Dunn, NC
4. Sanford Contractors, Sanford, NC
5. State Utility Contractors, Inc., Monroe, NC
6. Wells Brothers Construction Company, Turkey, NC
7. Sandy's Hauling & Backhoe Service, Roseboro, NC
8. J. Cumby Construction Inc., Cookeville, TN
9. M.B. Kahn Construction Co., Inc., Columbia, SC
10. Crowder Construction Company, Apex, NC

**PWC Procurement Mailing List- Registered vendors via the PWC website and BBR registrants.  
(approximately 2000+ contacts)**

**Small Business Administration Programs:**

Small Business Administration Regional Office (SBA)  
NC Procurement & Technical Assistance Center (NCPTAC)  
Veterans Business Outreach Center (VBOC)  
Small Business Technology Center (SBTDC)  
Women's Business Center of Fayetteville (WBC)

**Local Business and Community Programs**

FSU Construction Resource Office (FSUCRO)  
FSU Economic Development Administration Program (FSUEDA)  
FSU Career Pathways Initiative  
NAACP, Fayetteville Branch  
FTCC Small Business Center (SBC)  
Greater Fayetteville Chamber, RFP posting submitted  
Hope Mills Chamber  
Spring Lake Chamber  
Hoke Chamber  
Fayetteville Business & Professional League (FBPL)

**State Business and Community Programs**

NC Institute of Minority Economic Development (The Institute) Durham, NC  
NAACP, State Branch Raleigh, NC  
National Utility Contracting Association- NC Chapter (NUCA)  
Durham Chapter of the National Association of Women in Construction (NAWIC)



South Atlantic Region of National Association of Women in Construction (NAWIC)  
The Hispanic Contractors Association of the Carolinas (HCAC)  
United Minority Contractors of North Carolina  
International Women in Transportation- Triangle Chapter

**Media**

Fayetteville Observer  
WIDU, AM1600  
IBronco Radio at FSU  
Fayetteville Press News  
Up & Coming Weekly  
Bladen Journal  
Greater Fayetteville Business Journal

**SDBE / Local Participation**

T.A. Loving Company, Goldsboro, NC, is not a local business and is not classified as a SDBE Minority or Women-Owned business.

**FAYETTEVILLE PUBLIC WORKS COMMISSION  
ACTION REQUEST FORM**

**TO:** Mick Noland, Interim CEO/General Manager

**DATE:** 9/6/2022

**FROM:** Trent Ensley, Procurement Manager

.....  
**ACTION REQUESTED:** Approve award for Shadow Lawn Aerial Sewer Crossing Replacement to T.A. Loving

**BID/PROJECT NAME:** Shadow Lawn Aerial Sewer Crossing Replacement

**BID DATE:** July 22, 2022,

**DEPARTMENT:** Water Resources Engineering

**BUDGET INFORMATION:** \$1,200,00.00 in FY23 & \$1,567,010.00 in FY24 (CPR1000438)

.....  
**BIDDERS**

TA Loving Company, Goldsboro, NC

**TOTAL PRICE**

\$2,767,010.00  
.....

**AWARD RECOMMENDED TO:** TA Loving Company, Goldsboro, NC

**BASIS OF AWARD:** Award is recommended to TA Loving Company as the lowest responsive, responsible bidder

.....  
**COMMENTS:** The Commission is asked to approve award for Shadow Lawn Aerial Sewer Crossing Replacement project to the lowest, responsive, responsible bidder, T.A. Loving Company. The bid was initially advertised through our normal channels on June 17, 2022, with a bid opening date of July 13, 2022, and only one bidder, T.A. Loving Company, submitted a bid. The bid was not opened notice of the bid readvertisement was through our normal channels on July 14, 2022, with a bid opening date of July 22, 2022. The readvertisement resulted in the submission of one bid, T.A. Loving Company. Award is recommended TA Loving Company, Goldsboro NC.

The bid came in well above what was budgeted for the project in fiscal year 2023. Prices for materials have increased exponentially since the start of the Covid-19 Pandemic and the costs for the project could not have been anticipated over a year ago when the budget was created. Further complicating matters are major delays in receiving materials. It is anticipated that delivery of some of the materials needed to construct the Shadow Lawn project will take a year or more to receive once they are ordered. Due to these circumstances, we propose to award the project to TA Loving Company and utilize the FY23 Shadow Lawn budget to have materials ordered and paid. Water Resources Engineering (WRE) will budget for construction in FY24. It is the opinion of WRE that it would not be prudent to proceed with a budget amendment covering the full amount of the bid knowing we will not be able to spend the money this fiscal year due to the supply chain delays. Upon contract award, the contractor will order long lead time items that are not expected to arrive for 52-60 weeks (12-14 months) after ordering.

**ACTION BY COMMISSION**

**APPROVED** \_\_\_\_\_ **REJECTED** \_\_\_\_\_

**DATE** \_\_\_\_\_

**ACTION BY COUNCIL**

**APPROVED** \_\_\_\_\_ **REJECTED** \_\_\_\_\_

**DATE** \_\_\_\_\_

**BID HISTORY  
SHADOW LAWN AERIAL  
SEWER CROSSING  
REPLACEMENT**

**BID DATE: July 22, 2022**

**Advertisement**

- |    |                 |                             |
|----|-----------------|-----------------------------|
| 1. | PWC Website     | 6/17/2022 through 7/13/2022 |
| 2. | Readvertisement | 7/14/2022 through 7/22/2022 |

**List of Prospective Bidders Notified of Bid**

1. TA Loving Company, Goldsboro, NC
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3. Wellons Construction, Dunn, NC
4. Sanford Contractors, Sanford, NC
5. State Utility Contractors, Inc., Monroe, NC
6. Wells Brothers Construction Company, Turkey, NC
7. Sandy's Hauling & Backhoe Service, Roseboro, NC
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FSU Career Pathways Initiative  
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Hope Mills Chamber  
Spring Lake Chamber  
Hoke Chamber  
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The Hispanic Contractors Association of the Carolinas (HCAC)  
United Minority Contractors of North Carolina  
International Women in Transportation- Triangle Chapter

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WIDU, AM1600  
IBronco Radio at FSU  
Fayetteville Press News  
Up & Coming Weekly  
Bladen Journal  
Greater Fayetteville Business Journal

**SDBE / Local Participation**

TA Loving Company, Goldsboro, NC is not classified as a SDBE Minority or Women-Owned business.

WADE R. FOWLER, JR., COMMISSIONER  
EVELYN O. SHAW, COMMISSIONER  
RONNA ROWE GARRETT, COMMISSIONER  
DONALD L. PORTER, COMMISSIONER  
ELAINA L. BALL, CEO/GENERAL MANAGER



FAYETTEVILLE PUBLIC WORKS COMMISSION  
955 OLD WILMINGTON RD  
P.O. BOX 1089  
FAYETTEVILLE, NORTH CAROLINA 28302-1089  
TELEPHONE (910) 483-1401  
WWW.FAYPWC.COM

August 24, 2022

MEMO TO: Trent Ensley, Procurement Manager

MEMO FROM: Joel Valley, E/S Support Services Manager

SUBJECT: Recommendation By Substations For Sole Sourcing Of Existing Digital Video Servers' Replacements.

Substations recommends approval of a sole source procurement from Systems with Intelligence, Inc. (SWI), Mississauga, ON, Canada for the purchase of all hardware, video management software (VMS) licenses, and technical support, to replace part of the existing security camera system with an upgraded video archive server and 35 Digital Video Servers (DVS) at all the PWC's substations and points-of-delivery (POD) including BWGP.

Regarding this upgrade, replacement is due to the embedded operating system not meeting the PWC IS Cyber Security guidelines for cybersecurity. The Microsoft Windows 7 version in the current system is no longer supported and is considered a security risk. The substation staff has researched multiple sources for this type of equipment and has found that SWI is the sole source provider to meet the unique requirements. The SWI equipment is the only one capable to operate within an electrical substation environment and has provided necessary interfaces to existing SWI cameras and the PWC electric SCADA system. This upgrade of the SWI - Digital Video Server (DVS) system is to keep all functions and capabilities with over 300 digital field cameras. Replacing the existing DVS equipment with SWI DVS equipment is for standardization with the remaining existing system. The Video Management Software (VMS) by SWI is a critical piece in allowing the electric SCADA to function with the DVS.

The Manager of Substations performed additional research on SWI compatible products and there still is no substation hardened equipment (bullet point 1) like their DVS equipment.

The "sole source" request is supported by the following specifications available only with the SWI equipment:

1. Equipment is specifically designed for Electric Utilities – is substation hardened and meets the IEEE1613 (and IEC61850-3) standards for IEDs designed for electric substations.
2. All equipment is designed to handle surges and transients up to 5000V – ideal for the substation environment. Universal power supplies can handle any voltage from 24V to 265V AC or DC; therefore, the devices can be powered off different sources within the

substation. Additionally, the redundant power supplies mean the security system can also use the DC Station batteries for constant backup power.

3. This equipment is designed and manufactured by SWI. The equipment is sold exclusively by SWI direct.
4. All equipment is fiber-optic based – direct connectivity between cameras and DVS – hence equipment within the substation is optically isolated and data lines are free of being corrupted by EMI/EMF.
5. All equipment is designed to handle surges and transients up to 5000V – ideal for the substation environment. Universal power supplies can handle any voltage from 24V to 265V AC or DC; therefore, the devices can be powered off different sources within the substation. Additionally, the redundant power supplies mean the security system can use the DC Station batteries for constant backup power.
6. Cameras and Digital Videos Servers will provide enhanced video and analytics capability that provides built-in analytics that can determine intrusion and turn Pan, Tilt, and Zoom (PTZ) cameras to violated zone so system operators can respond to alarm with video evidence. The DVS is fully compliant with DNP 3.0 which is PWC's electric SCADA protocol and consequently can communicate with other Intelligent Electronic Devices (IEDs) within the substation. The system can capture events and alarms can be mapped back to local SCADA systems. Ethernet and Serial connectivity (RS232, RS422, and RS485) allow physical connectivity between substation systems and devices.
7. Complying with new regulatory requirements for physical security (eg. NERC CIP standard 014-2 Physical Security); this includes video surveillance and access control for electric utility substations and generating plants. All these features are part of the Digital Video Server system.
8. SCADA and Asset Management integration allows monitoring and diagnosing of primary equipment in real time alongside other electrical (SCADA) data. The Video Management Software from SWI is compatible with PWC electric SCADA system.

Please use this justification to recommend a sole source purchase with SWI for the electric substation project of replacing the existing Digital Video Servers at 35 locations.





WADE R. FOWLER, JR., COMMISSIONER  
EVELYN O. SHAW, COMMISSIONER  
RONNA ROWE GARRETT, COMMISSIONER  
DONALD L. PORTER, COMMISSIONER  
MARION J NOLAND, INTERIM CEO/GENERAL MANAGER



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955 OLD WILMINGTON RD  
P.O. BOX 1089  
FAYETTEVILLE, NORTH CAROLINA 28302-1089  
TELEPHONE (910) 483-1401  
WWW.FAYPWC.COM

September 8, 2022

MEMO TO: Mick Noland, Interim CEO/General Manager

MEMO FROM: Rhonda Haskins, CPA, Chief Financial Officer

SUBJECT: Resolution Directing the Filing of State Revolving Loan Application

The following resolution is for Commission action at its September 14, 2022, meeting. Attached is a resolution directing the filing of State Revolving Loan application for funding for the P.O. Hoffer WTP Expansion Phase 3 Residuals project which is currently estimated at approximately \$34.9 Million.

The application for said loan is due no later than September 30, 2022, and must include the original of this resolution. Details of the loan will be forthcoming in the award letter should PWC be awarded the loan and resolution accepting the offer will be presented to the Commission at that time.

Staff recommends that the Commission adopt the attached resolution directing Staff to file State Revolving Loan Application for the P.O Hoffer WTP Expansion Phase 3 Residuals project.

**RESOLUTION OF THE FAYETTEVILLE PUBLIC WORKS COMMISSION TO  
DIRECT THE FILING OF AN APPLICATION FOR STATE LOAN  
ASSISTANCE**

**WHEREAS**, the Safe Drinking Water Act Amendments of 1996 and the North Carolina Water Infrastructure Fund have authorized the making of loans and/or grants, as applicable, to aid eligible, drinking-water system owners in financing the cost of construction for eligible, drinking-water infrastructure, and

**WHEREAS**, The Fayetteville Public Works Commission (“COMMISSION”) has need for and intends to construct a drinking water treatment works project in the attached Exhibit A, and

**WHEREAS**, The COMMISSION intends to request state loan assistance for the project,

**NOW THEREFORE BE IT RESOLVED BY THE COMMISSION THAT:**

1. The COMMISSION will arrange financing for all remaining costs of the project, if approved for a State loan award.
2. The COMMISSION will adopt and place into effect on or before completion of the project a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the system and the repayment of all principal and interest on the debt.
3. The COMMISSION agrees to include in the loan agreement a provision authorizing the State Treasurer, upon failure of the COMMISSION to make scheduled repayment of the loan, to withhold from the COMMISSION any State funds that would otherwise be distributed to the COMMISSION in an amount sufficient to pay all sums then due and payable to the State as a repayment of the loan.
4. The COMMISSION will provide for efficient operation and maintenance of the project on completion of construction thereof.
5. Marion Noland, Interim CEO/General Manager of the COMMISSION, the Authorized Official, and successors so titled, is hereby authorized to execute and file an application on behalf of the COMMISSION with the State of North Carolina for a loan to aid in the construction of the project described above, furnish such information as the appropriate State agency may request in connection with such application or the project, to make the assurances as contained above, and to execute such other documents as may be required in connection with the application.

6. The COMMISSION has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the project and to Federal and State grants and loans pertaining thereto.

**ADOPTED** this 14th day of September 2022.

FAYETTEVILLE PUBLIC WORKS COMMISSION

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Evelyn O. Shaw, Chairman

ATTEST:

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Donald L. Porter, Secretary

| <u>Drinking Water Treatment Works Project</u> | <u>Cost Estimate</u> |
|---|----------------------|
|---|----------------------|

|   |              |
|---|--------------|
| P.O. Hoffer WTP Expansion Phase 3 Residuals | \$34,923,298 |
|---|--------------|

**CERTIFICATION BY RECORDING OFFICER**

The undersigned duly qualified and acting Clerk to the PWC Board of the Fayetteville Public Works Commission does hereby certify: That the above/attached resolution is a true and correct copy of the resolution authorizing the filing of an application with the State of North Carolina, as regularly adopted at a legally convened meeting of the COMMISSION duly held on the 14th day of September, 2022; and, further, that such resolution has been fully recorded in the journal of proceedings and records in my office. IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

(Signature of Recording Officer)

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(Title of Recording Officer)

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WADE R. FOWLER, JR., COMMISSIONER  
EVELYN O. SHAW, COMMISSIONER  
RONNA ROWE GARRETT, COMMISSIONER  
DONALD L. PORTER, COMMISSIONER  
MARION J. NOLAND, INTERIM CEO/GENERAL MANAGER



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September 8, 2022

**MEMO TO:** Mick Noland, Interim CEO/General Manager

**FROM:** Dustin Doty, Senior Counsel

**SUBJECT:** Recommendation to Delegate Authority to CEO/General Manager to Execute  
Leases for Terms of One Year or Less

Staff recommends that the Commission clarify its delegation of authority to the CEO/General Manager to execute leases for one (1) year or less subject to Section 6A.9 of the Charter to the City of Fayetteville. The Commission has this authority pursuant to North Carolina General Statutes Section 160A-272(b), and the provided resolution clarifies the prior authority delegated by the Commission in Resolution No. PWC2010.07, a copy of which is attached.

Comments: Delegating this authority will allow PWC to enter into short-term leases efficiently and effectively.

**RESOLUTION TO DELEGATE AUTHORITY TO THE  
CEO/GENERAL MANAGER TO EXECUTE ONE YEAR LEASES**

**WHEREAS**, the Fayetteville Public Works Commission (PWC), a public authority, is authorized by North Carolina General Statutes (N.C.G.S.) Section 160A-272 to lease and rent property;

**WHEREAS**, pursuant to N.C.G.S. § 160A-272(b)(1), public notice is not required for leases for terms of one year or less, and the Commission may delegate to PWC's CEO/General Manager the authority to lease or rent property for terms of one year or less; and

**WHEREAS**, property leases and lease amendments of one year or less will be expedited if PWC's CEO/General Manager is delegated such authority, and such delegation is in the best interests of PWC.

**THEREFORE, LET IT BE RESOLVED BY THE COMMISSIONERS OF THE  
FAYETTEVILLE PUBLIC WORKS COMMISSION THAT:**

1. The CEO/General Manager is hereby authorized to execute property leases and lease amendments for terms of one year or less pursuant to N.C.G.S. § 160A-272, subject to: (a) the compliance of the property lease or lease amendment with each of the Board's leasing directives, including but not limited to directives relating lease rates, space, and other terms; and (b) compliance with Section 6A.9 of the Charter of the City of Fayetteville.

2. The Commission's prior Resolution No. PWC2010.07 is hereby revoked.

**ADOPTED** this \_\_\_\_ day of September, 2022.

FAYETTEVILLE PUBLIC WORKS COMMISSION

\_\_\_\_\_  
Evelyn O. Shaw, Chairwoman

ATTEST:

\_\_\_\_\_  
Donald L. Porter, Secretary

### Customer Utility Payments By Payment Type

| Payment Type          | Aug-21  | Sep-21  | Oct-21  | Nov-21  | Dec-21  | Jan-22  | Feb-22  | Mar-22  | Apr-22  | May-22  | Jun-22  | Jul-22  | Aug-22  |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Kiosk                 | 817     | 945     | 980     | 964     | 1,080   | 913     | 942     | 980     | 1,070   | 943     | 1,050   | 915     | 1,022   |
| Mail                  | 17,016  | 15,978  | 16,036  | 17,770  | 17,618  | 14,009  | 13,736  | 18,763  | 14,753  | 17,357  | 15,786  | 14,643  | 16,845  |
| Walk Ins              | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Drive Thru            | 5,264   | 5,283   | 5,680   | 5,486   | 5,235   | 5,032   | 4,936   | 5,233   | 4,993   | 4,863   | 4,898   | 4,646   | 5,072   |
| Depository            | 462     | 402     | 430     | 471     | 398     | 402     | 348     | 373     | 415     | 398     | 336     | 375     | 389     |
| Bank Draft            | 20,076  | 19,988  | 20,187  | 20,316  | 20,056  | 19,960  | 20,412  | 20,776  | 20,986  | 20,965  | 21,165  | 21,240  | 21,215  |
| Bill2Pay IVR          | 16,769  | 16,389  | 18,885  | 17,804  | 17,748  | 16,808  | 16,937  | 18,529  | 17,659  | 16,973  | 17,940  | 16,638  | 17,824  |
| Bill2Pay WEB          | 36,048  | 35,172  | 41,528  | 37,806  | 39,950  | 39,168  | 38,548  | 42,211  | 40,229  | 39,457  | 42,325  | 42,925  | 43,821  |
| Western Union         | 2,531   | 2,605   | 2,759   | 2,590   | 2,539   | 2,331   | 2,297   | 2,396   | 2,381   | 2,255   | 2,277   | 2,086   | 2,259   |
| Online Banking / EBox | 9,263   | 9,295   | 9,453   | 9,643   | 10,181  | 8,183   | 9,117   | 9,729   | 9,155   | 8,654   | 9,501   | 8,567   | 9,499   |
| Totals                | 108,246 | 106,057 | 115,938 | 112,850 | 114,805 | 106,806 | 107,273 | 118,990 | 111,641 | 111,865 | 115,278 | 112,035 | 117,946 |



# PWC CAREER OPPORTUNITIES

## LINEWORKER – 1<sup>ST</sup> CLASS (OH) (10108)

### Job Info

#### Organization

Fayetteville Public Works Commission

#### Job Grade

409

#### Locations

Fayetteville, NC, United States

#### Work Locations

PWC OPERATIONS COMPLEX

#### Posting Date

7/5/22

#### Posting Expiration

12/31/22 9:47 AM

#### Posting Visibility

External

#### Full or Part Time

Full time

#### Schedule

Monday-Friday 7:00am-3:30pm Overtime and on-call required

#### Salary Range

409 \$32.44-\$40.54/hour

# LINEWORKER – 1<sup>ST</sup> CLASS (UG) (10107)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

409

### Locations

Fayetteville, NC, United States

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

7/5/22

### Posting Expiration

12/31/22 9:48 AM

### Posting Visibility

External

### Full or Part Time

Full time

### Schedule

Monday-Friday 7:00am-3:30pm Overtime and on-call required

### Salary Range

409 \$32.44-\$40.54/hour

# GIS TECH (10073)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

407

### Locations

Fayetteville, NC, United States

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

8/15/22

### Posting Visibility

External

### Full or Part Time

Full time

### Schedule

Monday-Friday 8:00am-5:00pm On-call and overtime as required

### Salary Range

407 \$25.30-\$31.62/hour

# IT SYSTEMS ADMINISTRATOR (10058)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

413X

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

8/29/22

### Posting Expiration

9/12/22 1:54 PM

### Posting Visibility

External

### Full or Part Time

Full time

### Schedule

Monday through Friday 8:00 a.m. to 5:00 p.m.

### Salary Range

413X - \$76,267.55 to \$95,334.45

# W/R COLLECTIONS SYSTEM INSPECTOR (10140)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

406

### Locations

Fayetteville, NC, United States

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

8/30/22

### Apply Before

9/13/22 9:06 AM

### Posting Visibility

Internal

### Full or Part Time

Full time

### Schedule

Monday-Friday 7:00AM-3:30PM

### Salary Range

406; \$22.44- \$28.05

# LOCAL VENDOR ANALYST (10139)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

409

### Locations

Fayetteville, NC, United States

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

8/30/22

### Apply Before

9/14/22 5:00 PM

### Posting Visibility

Internal and External

### Full or Part Time

Full time

### Schedule

Monday through Friday 8am to 5pm extended hours as necessary

### Salary Range

409 - \$32.44 to \$40.54 hourly

# W/R FAC IE & C TECH (10141)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

407

### Locations

Fayetteville, NC, United States

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

9/1/22

### Apply Before

9/15/22 8:22 AM

### Posting Visibility

Internal and External

### Full or Part Time

Full time

### Schedule

Monday-Friday 8 10 hour shifts

### Salary Range

407; \$25.30- \$31.62

# SENIOR ORACLE APPLICATIONS ENGINEER (10123)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

415X

### Locations

Fayetteville, NC, United States

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

9/1/22

### Posting Expiration

9/15/22 1:43 PM

### Posting Visibility

External

### Full or Part Time

Full time

### Schedule

Monday through Friday 8am to 5pm . Extended hours and on-call availability are required

### Salary Range

415X - \$95,879.81 to \$119,849.76



# W/R SR. UTILITY WORKER (Heavy Construction) (10143)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

405

### Locations

Fayetteville, NC, United States

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

9/7/22

### Apply Before

9/21/22 2:42 PM

### Posting Visibility

Internal

### Full or Part Time

Full time

### Schedule

Monday-Friday 7:00AM-3:30PM Overtime and On call as required

### Salary Range

405; \$20.18- \$25.22

# W/R FACILITY MAINTENANCE COORDINATOR (10142)

## Job Info

### Organization

Fayetteville Public Works Commission

### Job Grade

408

### Locations

Fayetteville, NC, United States

### Work Locations

PWC OPERATIONS COMPLEX

### Posting Date

9/7/22

### Apply Before

9/21/22 8:44 AM

### Posting Visibility

Internal

### Full or Part Time

Full time

### Schedule

Monday-Friday 8 10 hour shifts

### Salary Range

408; \$28.50- \$35.63