

EVELYN O. SHAW, COMMISSIONER
RONNA ROWE GARRETT, COMMISSIONER
DONALD L. PORTER, COMMISSIONER
CHRISTOPHER DAVIS, COMMISSIONER
MARION J. NOLAND, INTERIM CEO/GENERAL MANAGER



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PUBLIC WORKS COMMISSION
MEETING OF WEDNESDAY, APRIL 12, 2023
8:30 A.M.

AGENDA

I. REGULAR BUSINESS

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

II. CONSENT ITEMS

- A. Approve Minutes of meeting of March 22, 2023
- B. Approve Sole Source Purchase of Relay and Associated Equipment Manufactured by Schweitzer Engineering Laboratories, Inc.

The Commission is asked to approve a sole source exception to the competitive bidding requirements to allow PWC staff to purchase SEL relays and associated equipment for PWC's distribution substations. 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. As further explained in the provided support document, the majority of PWC's distribution substations have been upgraded and equipped with SEL relays and associated equipment as part of PWC's overcurrent protection system. PWC's overriding consideration regarding this system is standardization and compatibility for, among other reasons, reliability, and safety purposes. Atlantic Power Sales, LLC is the only authorized sale representative of the SEL equipment in North Carolina. Therefore, PWC staff requests authority from the Commission to approve a sole source exception to the bidding requirements to purchase the SEL relays and associated equipment in order to continue and finalize the upgrade of the overcurrent protection system at PWC's distribution substations.

Budget Information: Funding for this purchase will be from FY2023 Operating Capital – Security Monitoring Equipment Upgrade and staff anticipates similar budgeted funding for future purchases.

COMMENTS: Staff recommends the Commission approve the Sole Source Purchase of Relay and Associated Equipment Manufactured by Schweitzer Engineering Laboratories, Inc.

END OF CONSENT

III. RESOLUTION HONORING PUBLIC POWER LINEWORKERS DURING
LINEWORKER APPRECIATION DAYS APRIL 10 AND APRIL 18, 2023

IV. GENERAL MANAGER REPORT

V. COMMISSIONER/LIAISON COMMENTS

VI. REPORTS AND INFORMATION

- A. Personnel Report - March 2023
- B. Career Opportunities

VII. CLOSED SESSION PURSUANT TO NORTH CAROLINA GENERAL STATUTES
143-318.11(A)(3) FOR LEGAL MATTERS

VIII. ADJOURN

PUBLIC WORKS COMMISSION
MEETING OF WEDNESDAY MARCH 22, 2023
8:30 AM

Present: Ronna Rowe Garrett, Chairwoman (VIRTUAL)
Donald L. Porter, Vice Chairman
Evelyn O. Shaw, Secretary
Christopher Davis, Treasurer

Others Present: Mick Noland, Interim CEO/General Manager
Deno Hondros, City Council Liaison
Adam Lindsay, Assistant City Manager
Amy Navejas, Exec. Director, United Way Cumberland County
Melissa Reid, Dir. of Resource Dev., United Way Cumberland County.
Melissa Levin, Vice President, Rafetlis

Absent: Jimmy Keefe, Cumberland County Liaison
Media

I. PRESENTATIONS

UNITED WAY SPIRIT OF NORTH CAROLINA AWARDS

Presented by: Amy Navejas, Executive Director United Way of Cumberland County
Melissa Reid, Dir. of Resource. Dev., United Way of Cumberland County

Ms. Justice-Hinson introduced Ms. Amy Navejas and Ms. Melissa Reid. Ms. Navejas presented the 2022 Spirit of North Carolina Award to PWC for Campaign Excellence. This award is for building momentum and sustainability through engaged leadership of employees. Ms. Navejas stated this is the 17th year PWC has won this award, which is remarkable.

Every year nominations are accepted for companies that are truly engaged and creative in wanting to give back to their community. There is no greater example in Cumberland County than PWC. Ms. Justice-Hinson and her team are truly creative. PWC has the largest level of Marquis givers and the largest campaign in Cumberland County.

Ms. Melissa Reid presented to Ms. Justice-Hinson, the United Way Community Ambassador Award. This is first time this award has been presented. Ms. Reid stated no one in the community breathes United Way more than Ms. Justice Hinson does. She is out there on the radio for them, speaking to the press on their behalf. Ms. Reid thanked Ms. Justice-Hinson for being the 2022 United Way Community Ambassador.

Chairwoman Garrett thanked Ms. Justice-Hinson. She stated you do not become a pillar of the community by one or two deeds. She has a long-standing presence in the Fayetteville community. It really is her hometown. She does PWC proud by constantly representing us. Commissioner Garrett congratulated Ms. Justice-Hinson and thanked Ms. Navejas and Ms. Reid of United Way.

THE NORTH CAROLINA ASSOCIATION OF GOVERNMENTAL PURCHASING'S 2022
SUSTAINED PROFESSIONAL PURCHASING AWARD.

Presented by: Susan Fritzen, Chief Administrative Officer

Ms. Fritzen stated everyday we get to witness the hard work of our employees. It is especially rewarding when their talents are recognized by the industry and their peers. She stated the procurement team were awarded the NC Association of Governmental Purchasing's 2022 Sustained Professional Purchasing Award. PWC is one of 18 agencies throughout North Carolina to receive this award. Ms. Fritzen stated PWC previously received this honor in 2015 and 2016. This award is given to agencies who have demonstrated excellence in purchasing standards during the calendar year. Award criteria includes procurement automation and use of technology; minority supplier program and outreach; staff education and professional certification; department and user training; vendor workshops and training and use of recycled products.

Chairwoman Garrett stated PWC has worked hard on our purchasing program. She appreciates Ms. Fritzen's leadership on this as is evident in this award. She then asked Commissioner Shaw if she would like to have words since she has taken a special interest in procurement and small business.

Commissioner Shaw stated she is especially pleased that it appears with this award that we are finally tracking as we need to in the Purchasing Department. She could not be more pleased.

II. REGULAR BUSINESS

Chairwoman Ronna Rowe Garrett called the meeting to order at 8:40 am, following the presentation of awards.

APPROVAL OF AGENDA

Commissioner Evelyn Shaw motioned to amend the agenda by adding a closed session pursuant North Carolina General Statutes 143-318.11(a)(3) for Legal Matters, as item X, and move Adjournment to Item XI. Motion was seconded by Commissioner Porter, and unanimously approved.

Commissioner Porter motioned to approve the amended agenda. Motion was seconded by Commissioner Evelyn Shaw, and unanimously approved.

III. CONSENT ITEMS

Upon motion by Commissioner Evelyn Shaw, seconded by Commissioner Donald Porter, Consent Items were unanimously approved.

A. Approve Minutes of meeting of March 8, 2023

B. Clarify approval of award for the purchase of Pole Mount Distribution Transformers Contract Calendar Year 2023 to WESCO Distribution Inc., Clayton, NC, to specify that the award allows PWC staff to increase the order quantities consistent with the bid documents.

The Pole Mount Distribution Transformers Contract Calendar Year 2023 is budgeted in Warehouse Inventory.

Bids were received January 5, 2023, as follows:

<u>Bidders</u>	<u>Manufacturer</u>	<u>Total Cost</u>	<u>Delivery</u>
WESCO Distribution, Inc., Clayton, NC	GE/Prolec	\$382,750.00	26 Weeks

COMMENTS: The Commission awarded the purchase of Pole Mount Distribution Transformers Contract Calendar Year 2023 (PWC2223023) to the lowest, responsive, responsible bidder, WESCO Distribution Inc., Clayton, NC during its regularly scheduled meeting on January 25, 2023. The bid documents provided notice to all bidders that “During the term of the Contract, PWC reserves the right to request increases or decreases to estimated quantities for Vendor’s consideration. PWC also reserves the right to place order quantities in excess of guaranteed amounts should Vendor have production capacity.” PWC staff has confirmed that WESCO has additional production capacity. Therefore, PWC staff requests that the Commission clarify its approval of the award to WESCO Distribution Inc. to specify that the award allows PWC staff to increase the order quantities consistent with the bid documents.

C. Adopt PWC Ordinance #s PWCORD2023-01 and PWCORD2023-03 – Capital Project Budget Ordinances

The following ordinances will be effective upon adoption:

- ❖ PWCORD2023-01 establishes a \$86.2 million Capital Project Fund for various electric infrastructure projects anticipated to be funded with Revenue Bonds. This fund is needed now to establish budgets in support of awarding contracts. The timing of the funding plan and review of these projects is ongoing and will be brought forward to the Commission once the chosen path is determined.
- ❖ PWCORD2023-03 amends the Substation Rebuild Capital Project Fund. The amendment reduces project expenditures for substation projects anticipated to be funded with Revenue Bonds.

COMMENTS: Staff recommends the Commission adopt the above CPF budget ordinances

D. Adopt PWC Ordinance # PWCORD2023-02 – FY2023 Electric Fund Budget Amendment #6

PWCORD2023-02 is an Electric Fund amendment changing the fund balance as follows: The Electric Fund is decreasing by \$3,000,000 to \$273.8 million.

- ❖ Electric Fund Revenue: Total Electric Fund Revenue decreased by \$3,000,000.
 - o Transfer from REPS increased by \$464,500 to move existing projects that are REPS eligible for LED lighting conversion from the Electric General Fund to the correct REPS reserve funding source. These existing projects are for the replacement of High Intensity Discharge lighting to LED lighting for customers. This movement creates a\$0 impact to the Electric Fund balance.
 - o Appropriation from Net Position decreased by \$3,454,500 due to expenses below and the REPS eligible projects mentioned above.
- ❖ Electric Fund Expenditures: Total Electric Fund Expenditures decreased by \$3,000,000.
 - o Transfer to Electric Substation Rebuild Capital Project Fund decreased by \$3,000,000 due to resulting rate recommendations forecast, substation expenditures postponed to future years and movement of substation projects anticipated to be funded with Revenue Bonds.

COMMENTS: Staff recommends that the Commission adopt the above budget ordinance amendment.

END OF CONSENT

IV. SYSTEM DEVELOPMENT FEE (SDF) DISCUSSION

Presented by: Melissa Levin, Vice President, Raftelis

Mr. Jason Alban, Director of Financial Planning and Capital Projects introduced Ms. Melissa Levin, Vice President of Raftelis. Ms. Levin stated the agenda of the presentation will consist of the following: description of System Development Fees (SDF); Impetus of the study; process to adopt fees; and overview of fee calculation and resulting fees.

What are System Development Fees? Ms. Levin stated they are One-time charge assessed against “new development” as a way to pay for “facilities” needed to support growth or to recoup costs for existing facilities that have a capacity to support growth. SDF is a mechanism for growth to help pay for growth. It is a one time charge, and its intent is to put everyone on equal footing.

Impetus of the Study. Why are we looking at these fees now?

- Ratification of House Bill 436 – “An Act to provide for uniform authority to implement system development fees for public water and sewer systems in North Carolina...”
- Signed into law on July 20, 2017
- Amended Chapter 162A, Article 8 of the General Statutes “System Development Fees”
- Sets forth process for establishing system development fees
- Requires preparation by a “financial professional or licensed professional engineer...”
- *Requires update of the study every 5 years*
- *Revisions have been made to original legislation since 2017*

Process to Adopt Fees

- ✓ Calculate System Development Fees based on written analysis.
- 45 days prior to consideration of adoption, post written analysis on Web site and solicit written comments
 - *By April 3, 2023*
- Preparer to consider written comments
- Conduct public hearing - *May 24, 2023*
- Adopt fees - *June 14, 2023*
- Fees effective - *July 1, 2023*

Allowed Methodologies for Fee Calculation

1. Capacity Buy-In Approach
 - Focuses on existing facilities with available capacity to serve new customers
 - Analysis based on fixed asset records
2. Incremental/Marginal Cost Approach
 - Focuses on additional facilities required to meet anticipated growth
 - Analysis based on capital improvement plan
3. Combined Approach

PWC selected the *Capacity Buy-In* for both the Water System & Sewer System. Existing assets have enough capacity to serve new customers for both systems for the next five years.

Overview of Fee Calculation

1. Determine methodology to be used
2. Identify cost of facilities
3. Consider/make adjustments as necessary
4. Derive system development fee per residential service unit
5. Establish equivalency or conversion table for various categories of demand

Cost of Facilities (with Adjustments)

- Start with net book value (NBV) of all fixed assets.
- Escalate NBV to today's dollars based on service date.
- Calculate replacement cost new less depreciation.
- Remove non-core assets (meters, equipment, vehicles, etc.), contributed/grant funded capital and annexation contributions.
- Remove outstanding debt principal related to core assets.

Replacement Cost New Less Depreciation (RCNLD)		
Asset Category	Water	Sewer
Assets	\$499M	\$840M
Less: Specific Assets, Contributed Capital, Annexation Contributions	-\$156M	-\$263M
Less: Outstanding Debt Principal	-\$130M	-\$139M
TOTAL NET ASSETS (RCNLD)	\$213M	\$438M

Cost Per Unit (Gallon)

	Water	Sewer
Net System Value	\$213M	\$438M
Total Capacity (MGD)	57.5	46.0
Cost per Gallon per Day	\$3.71	\$9.53

Equivalent Unit Calculations

- SDFs are assessed based on meter size
- The equivalent residential unit (ERU) for a single-family water customer is 205.72 GPD based on the following:
 - 138 GPD per RU based on Master Plan
 - X 1.44 system max day peaking factor
 - X 1.03 water loss factor
- The ERU for a sewer customer assumes 194.51 GPD based on the following:
 - Used 138 GPD per RU based on Master Plan
 - X 1.41 inflow and infiltration
- Fees scaled by meter size based on PWC meter equivalency factors

Maximum SDF Fee For ¾" Meter

	Water	Sewer
Cost per Gallon Per Day (GPD)	\$3.71	\$9.53
ERU (gallon per day)	205.72	194.51
Maximum SDF Fee for ¾" Meter	\$763	\$1,853

Current SDF fee for ¾" Meter \$634 \$1,107

Fee Calculations – Water

Meter Size	Current	Max Calculated	Difference (\$)	Difference (%)
¾"	\$ 634	\$ 763	\$ 129	20.3%
1"	\$ 995	\$ 1,198	\$ 202	20.3%
1.5"	\$ 2,720	\$ 3,272	\$ 553	20.3%
2"	\$ 3,620	\$ 4,356	\$ 735	20.3%
2.5"	\$ 6,340	\$ 7,628	\$1,288	20.3%
3"	\$ 9,060	\$ 10,900	\$ 1,840	20.3%
4"	\$ 18,113	\$ 21,793	\$ 3,680	20.3%
6"	\$ 36,227	\$ 43,586	\$ 7,359	20.3%
8"	\$ 63,400	\$ 76,279	\$ 12,879	20.3%
10"	\$ 99,627	\$ 119,865	\$ 20,238	20.3%
12"	\$ 125,722	\$ 151,261	\$ 25,539	20.3%

Fee Calculations – Sewer

Meter Size	Current	Max Calculated	Difference (\$)	Difference (%)
¾"	\$ 1,107	\$ 1,853	\$ 746	67.4%
1"	\$ 1,738	\$ 2,910	\$ 1,172	67.4%
1.5"	\$ 4,749	\$ 7,951	\$ 3,202	67.4%
2"	\$ 6,321	\$ 10,582	\$ 4,261	67.4%
2.5"	\$ 11,070	\$ 18,533	\$7,463	67.4%
3"	\$ 15,819	\$ 26,483	\$ 10,664	67.4%
4"	\$ 31,627	\$ 52,948	\$ 21,321	67.4%
6"	\$ 63,254	\$ 105,897	\$ 42,643	67.4%
8"	\$ 110,700	\$ 185,328	\$ 74,628	67.4%
10"	\$ 173,954	\$ 291,225	\$ 117,271	67.4%
12"	\$ 219,518	\$ 367,506	\$ 147,988	67.4%

Ms. Levin stated a lot of the fee increases are really due to the fact there has been inflation when it comes to capital costs. The value to replace the assets that are in the ground has significantly increased over the last couple of years.

Commissioner Donald Porter stated he is concerned how this is communicated to our customers. Ms. Levin stated they are in the process of drafting a report which explains the calculations in detail. It will be posted to the website for 45 days. Customers will be able to see, react to it and provide their comments and formulize their opinions of the fees. She also stated these are the maximum fees that can be charged, but you do not have to implement these fees. Raftelis is just telling you through the analysis the maximum you can charge. You can always charge something less, but you will have to be unilateral in charging all classes of customers.

Ms. Kathy Miller, Customer Care Interim Chief Officer stated a lot of this impacts developers, and we will reach out to them to let them know of the change, as well as the wholesale customers.

Commissioner Donald Porter stated a lot of businesses and residents come to Fayetteville because of our rates, or what they perceive as the lowest rates in the area. Ms. Justice Hinson stated customers in our annexed areas have a six month window they can connect without the system development fee (SDF), and it is always communicated to them that if they connect outside of that window, they will pay whatever the current SDF fee is at the time of connection. Mr. Noland stated this is an equity issue for the customers who are coming on. It is a way of catching them up to the existing customers. It has also been five years since the fee has been looked at, and whenever you have that time period of what you had and where you are today, inflation and the cost of doing business will increase substantially. Costs are steadily increasing, and we are required to ensure the customers who are using the facilities pay their fair share.

Commissioner Garrett asked for clarification that the analysis and the potential rates will be published on our website.

Commissioner Shaw stated she wanted to ensure that we all recognized the distinction between the fact that this is a system development fee and not a rate. This is more of a cost of doing business matter in terms of the information presented this morning.

Commission thanked Ms. Levin for the presentation.

V. SET PUBLIC HEARING FOR SYSTEM DEVELOPMENT FEES FOR MAY 24, 2023

Commissioner Christopher Davis motioned to set the Public Hearing for the System Development Fees for May 24, 2023. Motion was seconded by Commissioner Donald Porter, and unanimously approved.

VI. PFAS REGULATORY UPDATE

Presented by: Mick Noland, Interim CEO/General Manager

Mr. Noland stated PFAS has been in the news quite a bit in the last few years. One of the things that brought it to a head was the issue that became known with Chemours and GenX. The discovery that it was out there, and the impacts it had on the Wilmington residents, as they are downstream. Mr. Noland noted that the plant is downstream of our water intake.

There has been atmospheric devastation around the plant that has created well water problems. The issue has always been one that has been under consideration, but the mushroom has brought it to the forefront.

PFAS - Per- and polyfluoroalkyl substances referred to as forever chemicals because they are very resistant, and they do not break down. There are about 5,000 distinct categories of PFAS compounds and GenX is just one of them. These compounds are used in numerous products including anything that has any stain or water resistant properties to them, including food wrappers, garments, carpets, make-up, or non-stick cookware. It works well, which is why it is used in so many products.

There were six identified that need to be regulated, they are PFOA, PFOS, PFHXS, PFBS, PFNX, and GenX. The valuation of the ways individuals was exposed to these compounds shows that approximately 70% of the exposure comes from all of the other things that these PFAS compounds

are being used. It is ubiquitous. So 70% is related to consumer products, and 30% is pertained to drinking water compounds. When they speak of drinking water, they refer to 2 liters a day for a lifetime. PWC has been monitoring our source water and drinking water for several years realizing these regulations were going to be proposed, and we needed to understand where we are and where the gap is from where we are and where we need to be. Our water treatment plants were not designed to remove these compounds. These results have always been included in our water quality report, which we refer to as our customer confidence report. It shows all our analytical results and proves we are in compliance with the drinking water standards.

Mr. Noland stated PWC was the first utility in the state to be recognized with EPA's Partnership Drinking Water Director's Award (we have received this award for 20 consecutive years). We are consistently at the forefront of complying and meeting customer and regulatory expectations. Up until this point the guidance they had out was 70 PPT. They have changed that number to 4PPT. The level of those compounds in the Cape Fear River is higher than 4PPT, but Mr. Noland emphasized that we have been in compliance with the guidelines, and recognize they are being changed and we have to react to it.

Last week EPA announced it has proposed national primary drinking water regulations to establish legally enforceable levels of those six compounds that are known to occur in drinking water. Mr. Noland stated they refer to them as MCL (maximum contaminant level) for PFOA and PFOS is 4PPT. This was established because there are analytical limitations as how low you can go. The other four (PFHXS, PFBS, PFNX, and GenX), rather than have an individual number for each, they derived a formula where you calculate which is referred to as a hazard index. The EPA wants the hazard index number to be 1. We have been anticipating because it has been in the news and the EPA has indicated it was of critical importance to drinking water.

Mr. Noland went on to state for that reason we have been analyzing and monitoring the levels. We also recognize we cannot meet those levels unless we install additional treatments. We have determined that the appropriate advanced treatment is GAC (Granular Activated Carbon). We set up a pilot study in both plants to evaluate different types of GAC and their effectiveness in removing PFAS compounds. We needed to run those pilot plants for a year through variations in water quality, temperature, and seasonal climate. We have completed that testing and have shown that GAC will be effective in meeting the EPA requirements.

Now, the regulations will go into public notice for 60 days; a public hearing will be held, and the EPA expects to have their regulations finalized by the end of 2023, early 2024. There will be a time period we will have to design, bid, and build facilities to comply with these regulations. They are expecting it within a three year period. But our understanding is if you are making satisfactory progress, and are under construction, but you are not finished within three years, they will be okay.

Mr. Noland stated there is no negotiating on whether we do this or not. The anticipated cost of constructing the upgrades in Glenville and Hoffer is currently estimated to be \$75M. This is a cost that will have to be factored in, not only into the rates but also into the fees. In addition to that, these systems are expensive to operate. The GAC absorbs these contaminants. You have to take the GAC and have it rejuvenated and put back into the system, and those costs are \$12M. So it is very expensive to operate and maintain. Obviously, this is based on today's dollars. We have supply chain issues, contractor availability issues. There will be a lot of demand for construction. It is estimated that there will be 6,000 utilities nationwide that will have to construct something to supply with this. Everyone will be lining up to have these designed, constructed and built, and we cannot predict how much it will actually cost when it comes time to build.

The EPA is considering future regulations for the wastewater. So, this issue is continuing, and PWC is committed to complying with all the regulatory requirements because our customers are of the utmost importance.

Commissioner Davis stated the PFAS issue has been out there for a long time, and PWC may now have a \$75M cost to address the issue overtime. Is PWC postured and positioned to see if the EPA or other agencies are willing to help PWC and other companies come online. With addressing these new emerging health issues, these are obvious challenges we see being fixed based on things we necessarily did not do. So partnership between the federal government, as well as the bad actors are paramount to our ability to address, not only the present challenges, but future emerging challenges with PFAS and these other forever chemicals. He asked if PWC is lobbyist wise positioned to have those conversations, and have we had any feedback with state or federal government agencies, acknowledging that we did not make this problem, but they will help us fix it.

Mr. Noland referred to the bi-partisan infrastructure legislation that congress passed in the last year and they are making billions of dollars available through a loan/grant program to do the very thing that Commissioner Davis is referring to as far as helping local utilities to put these facilities in place. We have been working with a consulting firm to make sure we are getting our fair share of those funds to offset the costs to our customers. We are also advocating with the professional associations to make the case we need to be certain about what we are doing and to emphasize the fact that if the utilities do not get federal assistance to help, it will be a very tough road to travel.

Commissioner Davis asked if there is a timeline, we are looking to begin to have these discussions. He stated we are having them here, and we are doing internal planning, but he asked if we are having conversations with those above us. Mr. Noland stated the consultant firm was brought on board to ensure they were following the development of the regulations as well as the development of the application process the state has in place. Those representatives have been in touch with the State Infrastructure Group regarding these very issues to ensure they understand what our needs are. Mr. Noland stated we will look at what else may be available and will ensure we get our requests in.

Commissioner Shaw asked Mr. Noland, given all he has explained to the Commission, not only today and in other settings, about the dangers of PFAS and the unfunded mandate from the EPA. She asked Mr. Noland if he can share if the lobbyist we are using (as well as others) are making any headway in educating the legislators that there is going to have to be state regulations put in place to keep the manufacturers upstream of us from the dumping problems we have seen which are contributing to water quality downstream.

Mr. Noland replied we have a legislative liaison who stays in contact with our local delegation and has been in conversation with them regarding this issue. Mr. Noland stated one of the wonderful things about the Cape Fear River is it is a wonderful resource. It is also a big river basin and there are a lot of others upstream from us who use it as we do. We are closely following what is going on with the wastewater discharges upstream of us who have draft permits going out, who for the first time are actually including criteria and requirements to monitoring these PFAS compounds as well as 1,4 Dioxane. There will be new requirements on those dischargers upstream to stay on top of the discharges. We are following very closely what is going on with them.

Commissioner Shaw stated she knows Mr. Noland has been on the forefront of this for many years. And it appears that there will have to be some real effort of our legislative body as a whole, because this is not going away and it is going to have to be addressed from the standpoint, if it is a regulation

that the EPA is requiring, we will have to do it, but we will be ham strung from a certain extent if there are bad actors who are not doing their part. Also, she asked because of the cost Mr. Noland has outlined for the Commission, has there been any discussion or thinking of what may happen to those smaller utilities who may have to enact those same protections. Do we expect to see requests from those smaller utilities to provide some type of service they cannot afford. Mr. Noland replied as of now we are providing service to Stedman, Hoke County, as well as Spring Lake. We are to some extent a regional system now, and we are working with them and through them to help them meet the requirements because we will do the heavy lifting. The other aspect deals with the legislation and funds that are being made available. Approximately 40% is being earmarked to help the small and medium size utilities to help them meet the regulations.

Commissioner Shaw asked Mr. Noland to restate the timeframe for the build out. Mr. Noland stated when we are looking at building new facilities, we use a 20 year planning window, and the facilities will be sized to make sure we are ready for that when the time occurs. Sometimes 5-year plans do not last long because of the different issues and opportunities that come along.

VII. GENERAL MANAGER REPORT

Mick Noland asked Ms. Justice-Hinson to update the Commission on our upcoming 9th Annual Power and Water Expo. She stated this is a great way for customers to get conservation tips and tools as well as access to our employees and information. We will have employees from our water department, and electric department. We will have conservation experts, customer service reps and more. We will be there from 10am to 8pm on Friday, which happens to be 4th Friday.

She also stated regarding PFAS we have information on our website regarding the upcoming regulations. We have a description of PFAS as well as our testing results.

Mr. Noland updated the Commission on PWC's visit to Washington, DC. He stated a contingent (City of Fayetteville, Cumberland County, FSU, Cumberland County Schools, FCEDC and PWC) traveled to DC to discuss initiatives and grants for communities. We were all there to advocate and show unity. While they were in DC, Mr. Noland stated they discussed PFAS quite a bit with the EPA. Mr. Noland stated he expressed with the Assistant Administrator Mr. Surrey the concerns we have. We are all for protecting the consumers from PFAS, through a mechanism that is relatively straight forward which is removing it from people's drinking water, but it will be expensive and a nationwide need. Mr. Surrey recognized that, and part of the discussion included there needs to be more money made available through the Federal Government, and not just at the local level. The EPA discussed some things we may be able to take advantage of and it was a very timely meeting.

VIII. COMMISSIONER/LIAISON COMMENTS

Council Member Deno Hondros

Council Member Hondros commended the Commission on the presentations, and the discussion. He stated he appreciates the discussion. He stated between the staff and Commission, they are on the forefront of the PFAS and other forever chemicals.

Commissioner Chris Davis

No Comments

Commissioner Evelyn Shaw

Commissioner Shaw asked where and when will the Linemen's Rodeo be held this year. Staff will ensure Commission has the date. She recommended her fellow Commissioners attend this wonderful event.

Commissioner Donald Porter

Commissioner Porter wanted to welcome Commissioner Davis as the new Commissioner, and he no longer has that distinction. He also stated PWC staff is one of the most responsive that he has had the chance to serve with. Our community is very educated and attentive. We receive a lot of questions, and though he cannot answer all of them, when he calls Mr. Noland or other senior staff, and they give a quick and good answer. He thanked staff for all they do.

Commissioner Porter congratulated Ms. Justice-Hinson again. He stated everyone knows Ms. Justice-Hinson.

Commissioner Ronna Rowe Garrett

Commissioner Garrett stated she has found true transparency from the CEO's office. She evaluates it from the leadership.

She provided an update on the CEO recruitment. She expects for there to be a slate of candidates in about two weeks, and will begin the interview process. The process is moving along nicely.

Commissioner Garrett also provided an update to the visit to the National Capital. She stated it was a truly successful event and meeting. She enjoyed being a part of the Fayetteville delegation. Commissioner Garrett stated the commitment and partnership across the community stood out to her.

Dr. McKoy who is a Fayetteville native, and the DOE Under Secretary, came to PWC to visit with us little while ago. We talked about some of our projects, and he invited us to DC. She and the Mayor decided to make it a community partnership. Dr. McKoy made a statement during their 2 hour meeting. They educated us on the availability of funding; assistance and help on key issues. He made a statement, that in all his time there he has never seen a community, a planned effort, a large contingency as we brought forward. He commended them for that, and looked forward to the specific plans they will bring back as a community effort. She believed it was a successful effort for our community.

Mr. Noland stated he failed to mention that part of our PWC contingency included our Chief Officer of Electric, Jon Rynne. He stated that Dr. McKoy mentioned that a lot of times we have community groups to come up, but normally they do not bring their utility, and he commended us for being inclusive as many times their plans include the utility, but they are not at the table.

IX. REPORTS AND INFORMATION

A. Payment by Payment Type – February 2023

B. PO Report – February 2023

- C. Career Opportunities
- D. Approved N.C. Department of Transportation Encroachment Agreement(s):
 - Encr. #19087 – 3-Phase Underground Primary Installation @ SR1611 (Andrews Rd, nr. US Hwy 401 (Ramsey St)
- E. Actions by City Council during the meeting of March 13, 2023, related to PWC:
 - Approved Bid Recommendation – 1st and 2nd Stage Bucket Sets for GE 2001P Gas Turbine Project
 - Approved Bid Recommendation – Conductor 500 MCM
 - Approved Bid Recommendation – Pole Mount, Single Phase & Three Phase Pad Mount Distribution Transformers Contract Year 2024

(Added by amending the agenda)

X. CLOSED SESSION PURSUANT TO NC GENERAL STATUTES 143-318.11(A)(3) FOR LEGAL MATTERS.

Commissioner Donald Porter motioned to enter closed session pursuant North Carolina General Statutes 143-318.11(A)(3) for Legal Matters. Motioned was seconded by Commissioner Evelyn Shaw, and unanimously approved at 10:02 am.

There being no further discussion, upon motion by Commissioner Evelyn Shaw, seconded by Commissioner Donald Porter, the meeting returned to open session at 10:28 am.

XI. ADJOURNMENT

There being no further discussion, upon motion by Commissioner Donald Porter, seconded by Commissioner Evelyn Shaw, the meeting was adjourned at 10:28 am.

**FAYETTEVILLE PUBLIC WORKS COMMISSION
ACTION REQUEST FORM**

TO: Marion J. Noland, Interim CEO/General Manager

DATE: April 4, 2023

FROM: Candice S. Kirtz, Director of Supply Chain

.....
ACTION REQUESTED: Approve sole source purchase of relay and associated equipment manufactured by Schweitzer Engineering Laboratories, Inc. (SEL) for PWC's overcurrent protection system from Atlantic Power Sales, LLC of Mt. Holly, North Carolina.

COMMENTS: The Commission is asked to approve a sole source exception to the competitive bidding requirements to allow PWC staff to purchase SEL relays and associated equipment for PWC's distribution substations. 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. As further explained in the provided support document, the majority of PWC's distribution substations have been upgraded and equipped with SEL relays and associated equipment as part of PWC's overcurrent protection system. PWC's overriding consideration regarding this system is standardization and compatibility for, among other reasons, reliability and safety purposes. Atlantic Power Sales, LLC is the only authorized sale representative of the SEL equipment in North Carolina. Therefore, PWC staff requests authority from the Commission to approve a sole source exception to the bidding requirements to purchase the SEL relays and associated equipment in order to continue and finalize the upgrade of the overcurrent protection system at PWC's distribution substations.

BUDGET INFORMATION: Funding for this purchase will be from FY2023 Operating Capital – Security Monitoring Equipment Upgrade and staff anticipates similar budgeted funding for future purchases.

.....
ACTION BY COMMISSION

APPROVED_____ **REJECTED**_____

DATE_____

**FAYETTEVILLE PUBLIC WORKS COMMISSION
SOLE SOURCE REQUEST**

TO: Marion J. Noland, Interim CEO/General Manager

DATE: April 4, 2023

FROM: Joel Valley/Substations and Electric Support Services Department

.....

PWC's Substations and Electric Support Services Department seeks approval to purchase specific equipment pursuant to a sole source exception to the competitive bidding requirements. North Carolina law allows an exception from the competitive bidding requirements for "Purchases of apparatus, supplies, materials, or equipment 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." NCGS §143-129(e)(6). Such exception is only available if the Commission approves the purchase.

The sole source request is specifically to purchase of 351S relays (the "relays") manufactured by Schweitzer Engineering Laboratories, Inc. ("SEL") for standardization and compatibility purposes. A quote for the relays and necessary associated equipment is attached to this memo. Beginning in 2010, PWC Electric Engineering has been standardizing its overcurrent protection system by using the SEL relay product line. That decision also started a 12-year training path for PWC substation employees to learn the SEL products, software, and how to troubleshoot and resolve day-to-day issues. PWC's current relay technicians and SCADA Specialist have in-depth knowledge of the SEL products, software, settings, and operations. Moreover, PWC had an Arc Flash Hazard Assessment completed in June 2015 and a Transmission and Distribution System Sectionalizing Study completed in March 2016. Both studies provided recommendations for PWC to standardize using SEL relays.

PWC is in the ongoing process of implementing SEL's protection system, which provides overcurrent protection that is intended to limit or disable current flow if necessary or needed. At this time, 25 of PWC's 32 distribution substations and all three (3) of the Points of Delivery where PWC's purchased power is directed are equipped and standardized using SEL's relays, associated equipment, and software. PWC's Substations and Electric Support Services Department intends to equip and standardize the remaining seven (7) distribution substation using the SEL product.

Standardizing using the SEL relays is necessary for operational compatibility with existing equipment used by PWC. Using a product other than the relays would require significant overhaul of other component parts and devices at the previously mentioned locations. The

proposed SEL relays will integrate seamlessly into PWC already established overcurrent protection system.

In the past, PWC has solicited bids for the work necessary to upgrade the overcurrent protection system for a distribution substation and included the technical specifications for the relays to be used for that process. The technical specifications for those relays are only met by the SEL relays. While PWC will still solicit bids for the actual work to upgrade a distribution substation, PWC will, if approved, purchase the relays directly instead of paying a premium through the winning bidder. PWC's Substations and Electric Support Services Department estimates that this change will save PWC approximately \$60,000.00 per substation upgrade using current pricing.

To that end, SEL has provided a letter establishing that Atlantic Power Sales, LLC is the only company in North Carolina from which the relays are available. PWC staff has confirmed that there are no other sources available for the relays that PWC needs for the necessary standardization and compatibility. Therefore, PWC Substations and Electric Support Services Department seeks approval to purchase the SEL relays from Atlantic Power Sales, LLC without the need for competitive bidding.



Please address purchase orders to:
Schweitzer Engineering Laboratories, Inc.
2350 NE Hopkins Court
Pullman, WA 99163

Reference this quote number and send purchase orders to:

Business Email neil@atlanticpowersales.com

Created Date	3/15/2023	Quote Number	00247799
Account Name	Public Works Commission of the City of Fayetteville	Expiration Date	5/14/2023
Sold To Contact	Joel Valley	Prepared By	Kristen Johnson
Sold To Contact Email	joel.valley@faypwc.com	Sold To Sales Channel	Atlantic Power Sales LLC
Sold To Contact Phone	+1 (910) 223-4549	Business Email	neil@atlanticpowersales.com

Line No.	Part Number	Description	Sales Price	Quantity	Total Price
1	24880RCX1181AX23X	SEL-2488 Satellite-Synchronized Network Clock	USD 3,965.17	1.00	USD 3,965.17
2	915900139	Gas Tube Coaxial Surge Protector and Mounting Bracket (TNC Connectors)	USD 139.15	1.00	USD 139.15
3	915900044	Low-Profile GPS Antenna Mounting Kit	USD 13.92	1.00	USD 13.92
4	2741#VY42	SEL-2741 Ethernet Switch	USD 5,030.00	2.00	USD 10,060.00
5	2741#FD7E	SEL-2741 Ethernet Switch	USD 5,030.00	1.00	USD 5,030.00
6	8109-01	SFP (100BASE-FX, 1310 nm, Multimode, 2 km)	USD 100.00	48.00	USD 4,800.00
7	8132-12	SFP Transceiver for SEL-2730M, SEL-2730U, SEL-3390E4, and SEL ICON (Gigabit Ethernet Single-Fiber, 20 km, TX 1490, RX 1310, 1000BSASE-BX)	USD 748.00	4.00	USD 2,992.00
8	8132-02	SFP Transceiver for SEL-2730M, SEL-2730U, SEL-3390E4, and SEL ICON (Gigabit Ethernet Single-Fiber, 20 km, TX 1310, RX 1490, 1000BSASE-BX)	USD 748.00	4.00	USD 2,992.00
9	3620#0101 (3620XHB0XXX0)	SEL-3620 Ethernet Security Gateway	USD 3,678.40	1.00	USD 3,678.40
10	91610050	Rack-Mount USB Keyboard/Drawer for USB (Mouse)	USD 966.43	1.00	USD 966.43
11	3555#27FD	SEL-3555 RTAC	USD 15,613.99	1.00	USD 15,613.99
12	2440#FCHD (24402H12A1A11630)	SEL-2440 Discrete Programmable Automation Controller (DPAC)	USD 1,270.50	1.00	USD 1,270.50
13	735#69FY (0735LX20922EFXB2XX15201XX)	SEL-735 With Color Touchscreen	USD 4,714.28	6.00	USD 28,285.68

14	240-1010	FT-1 Test Switch	USD 354.53	6.00	USD 2,127.18
15	915900052	Vertical Meter and FT-1 Test Switch Bracket	USD 90.75	6.00	USD 544.50
16	951031B1	SEL-9510 Control Switch Module	USD 445.81	1.00	USD 445.81
17	0351S7XHD3E5221	SEL-351S Protection System	USD 5,149.61	6.00	USD 30,897.66
18	787#NGBG (0787EX2CCCCC75850620)	SEL-787 Transformer Protection Relay	USD 5,278.02	2.00	USD 10,556.04
19	2414#J0ED (241422CA09X2BCC1631)	SEL-2414 Transformer Monitor	USD 3,489.64	1.00	USD 3,489.64
20	2440#CGKG (24402H11C1C11640)	SEL-2440 Discrete Programmable Automation Controller (DPAC)	USD 1,536.70	1.00	USD 1,536.70
21	91610054	Touchscreen Monitor Kit (19 in ELO Monitor PN: E331019, DisplayPort VGA HDMI, Rack-Mount Bracket, 120/240 Vac 125/250 Vdc)	USD 1,427.80	1.00	USD 1,427.80
22	2523#6B08 (252302H23A0C0XX)	SEL-2523 Annunciator Panel	USD 5,124.35	1.00	USD 5,124.35

Grand Total

USD 135,956.92

Lead Time

Inquire with your SEL Representative for specific lead times.

Lead time will be confirmed after the receipt of a complete purchase order and can be subject to change.

End User

All submitted purchase orders must contain valid and complete end-user information, including full address. Incomplete or invalid information may delay the processing of the purchase order.

Freight

Prices include ground freight prepaid within the 48 contiguous United States via SEL's preferred carrier. Buyers may request expedited delivery service at their expense by submitting a collect account or by including added charges to their invoice. Orders with multiple items may be shipped from multiple locations and may arrive in more than one delivery.

Manuals

Equipment manuals are provided free on CD with relays. If a hard copy manual is required, this should be specified at the time of order as a separate line item and may be subject to freight charges.

Warranty

SEL is pleased to offer our 10-Year Product Warranty. Please visit <https://selinc.com/company/quality/>. Third-party products included in this Quote are not covered by SEL's warranty. SEL will pass on the original manufacturer warranty to the Buyer if possible.

Payment Terms

Net 30 or per the approved credit terms with SEL. SEL may require additional credit information or prepayment prior to acceptance of a

purchase order if credit terms have not been established or are insufficient to cover this purchase.

Quote Terms

Prices are based on quoted quantities and may change if quantities change. Prices do not include sales tax.

Information within this quotation is for your evaluation purposes only. Disclosure of this information outside of your company is prohibited.

Purchase order modifications or cancellations may result in additional fees and adjustment to delivery schedule. To prevent delays, please carefully review the part number descriptions listed in the above table to ensure ordering options will meet requirements.

SEL values your right to privacy, and uses personal data provided to SEL only for our legitimate business interests. More information may be found at the [SEL Privacy Policy](#). You may exercise your rights related to your personal data by contacting the SEL Data Protection Officer at data_protection@selinc.com.

All sales are subject to the attached SEL Sales Terms, available on SEL's website (<https://www.selinc.com/termsandconditions/unitedstates>) and incorporated herein by reference unless Buyer and SEL has a Master Agreement or signed negotiated terms on file.

Part Number	Description	Part Options
24880RCX1181AX23X	SEL-2488 Satellite-Synchronized Network Clock	Time Distribution Protocols -- IRIG-B, NTP Mounting -- Horizontal Rack Mount Power Supply A -- 24/48 Vdc Power Supply B -- None Ethernet Port (ETH 1, ETH 2) -- 2 10/100BASE-T Ethernet Port (ETH 3, ETH 4) -- 2 10/100BASE-T Holdover -- TCXO Antenna -- Complete Antenna Installation Kit: Includes GPS/GLONASS Antenna (SEL-9524B), 50ft LMR-400 cable (SEL-C961-050), Gas Tube Coaxial Surge Protector and Mounting Kit (915900139), 25ft LMR-400 cable (SEL-C961-025), Antenna Pipe-Mounting Kit (915900043) Conformal Coat -- None
915900139	Gas Tube Coaxial Surge Protector and Mounting Bracket (TNC Connectors)	
915900044	Low-Profile GPS Antenna Mounting Kit	
2741#VY42	SEL-2741 Ethernet Switch	Mounting -- Rack Mount (Front or Rear Cabled) Power Supply A -- 125/250 Vdc or Vac, Euro-style Connector Power Supply B -- 24/48 Vdc Ports -- 1-4 100/1000BASE-T and 5-24 100/1000BASE SFP Digital Inputs -- 48 Volts Conformal Coat -- None
2741#FD7E	SEL-2741 Ethernet Switch	Mounting -- Rack Mount (Front or Rear Cabled) Power Supply A -- 125/250 Vdc or Vac, Euro-style Connector Power Supply B -- 24/48 Vdc Ports -- 1-24 100/1000BASE-T Digital Inputs -- 48 Volts Conformal Coat -- None
8109-01	SFP (100BASE-FX, 1310 nm, Multimode, 2 km)	
	SFP Transceiver for SEL-2730M, SEL-2730U, SEL-3390E4, and SEL	

8132-12	ICON (Gigabit Ethernet Single-Fiber, 20 km, TX 1490, RX 1310, 1000BSASE-BX)	
8132-02	SFP Transceiver for SEL-2730M, SEL-2730U, SEL-3390E4, and SEL-ICON (Gigabit Ethernet Single-Fiber, 20 km, TX 1310, RX 1490, 1000BSASE-BX)	
3620#0101 (3620XHB0XXX0)	SEL-3620 Ethernet Security Gateway	Mounting -- Horizontal Rack Mount Power Supply -- 48/125 Vdc; 120 Vac Ethernet Connection -- Two 10/100BASE-T Conformal Coat -- No
91610050	Rack-Mount USB Keyboard/Drawer for USB (Mouse)	
3555#27FD	SEL-3555 RTAC	Conformal Coat -- None Chassis and Mounting -- 3U Horizontal Rack Mount Processor -- Intel Xeon E3-1505L Quad Core 2.0 GHz Expansion Slots -- 5 Slots: 1 PCI, 2 PCIe-x1, 2 PCIe-x4 Power Supply A -- SEL-9331 160W LV Power Supply, Euro Terminal Block Power Supply A - Line Cord -- None Power Supply B -- SEL-9331 160W LV Power Supply, Euro Terminal Block Power Supply B - Line Cord -- None RAM -- 16 GB DDR4 2133 MHz ECC SSD Slot 1 Operating System -- pSLC 240 GB Industrial Grade SSD SSD Slot 2 RAID1 Data Disk A -- pSLC 240 GB Industrial Grade SSD SSD Slot 3 RAID1 Data Disk B -- pSLC 240 GB Industrial Grade SSD SSD Slot 4 RAID1 Data Disk Hot Spare -- pSLC 240 GB Industrial Grade SSD PCI Slot 1 -- None PCI Slot 2 -- SEL-3390S8 PCIe Serial Card PCI Slot 3 -- None PCI Slot 4 -- SEL-3390E4 PCIe Ethernet Card Slot 4 - Port Configuration -- 2 RJ-45 10/100/1000, 2 SFP Fiber Slot 4 - SFP1 -- SFP 100BASE-FX (1310nm, multimode, 2km) Slot 4 - SFP2 -- SFP 100BASE-FX (1310nm, multimode, 2km) Slot 4 - SFP3 -- None Slot 4 - SFP4 -- None PCI Slot 5 -- SEL-3390E4 PCIe Ethernet Card Slot 5 - Port Configuration -- 2 RJ-45 10/100/1000, 2 SFP Fiber Slot 5 - SFP1 -- SFP 100BASE-LX10 (1310nm, singlemode, 20km) Slot 5 - SFP2 -- SFP 100BASE-LX10 (1310nm, singlemode, 20km) Slot 5 - SFP3 -- None Slot 5 - SFP4 -- None Web Human Machine Interface (HMI) -- No Audit Utilities -- No IEC 61850 MMS Client and File Services -- No IEC 61850 MMS Server and File Services -- No IEC 61850 GOOSE -- No EtherNet/IP -- Yes Grid Connect -- No Grid Connect 5 MW -- No

		Horizon SVPplus -- No Horizon Power System Model -- No Condition Monitoring -- No Dynamic Disturbance Recorder -- No Meter Report Trend Recorder -- Yes Report Generator/Email Client -- No FTP Sync -- No FileIO -- Yes OPC UA Server -- No OPC UA Client -- No
2440#FCHD (24402H12A1A11630)	SEL-2440 Discrete Programmable Automation Controller (DPAC)	Mounting -- Horizontal Rack Mount I/O -- 48 DI Wetting Voltage -- 125 Vdc/Vac Serial Port 2 -- EIA-232 Ethernet Connection -- Dual Copper 10/100BASE-T IEC 61850 -- No Conformal Coat -- No
735#69FY (0735LX20922EFXB2XX15201XX)	SEL-735 With Color Touchscreen	Enclosure Type -- None Metering Form -- Form 9 (Four-Wire Wye; 3 PTs, 3 CTs) Slot A Power Supply Voltage -- 24-48 Vdc (Range: 19-58 Vdc) Control Input Voltage -- 48 Vdc/Vac Slot B Ethernet -- Single 10/100 BASE-T Slot B Serial Port 3 -- EIA-485 Includes Port 2 EIA-232 Standard Slot C Communications -- EIA-232, EIA-485 Slot D I/O -- 4 DI / 4 DO Electromechanical Current Class -- CL2/10/20, Optimized for Low-End Accuracy System Frequency -- 50 Hz Software Bundle -- None Conformal Coat -- No Standard Front Nameplate -- Yes Custom Nameplate Text -- null Custom Barcode Text (Leave Blank for SEL Specified Number) -- null
240-1010	FT-1 Test Switch	
915900052	Vertical Meter and FT-1 Test Switch Bracket	
951031B1	SEL-9510 Control Switch Module	LED Input Voltage -- 125 Vdc LED/Button Color Combination -- Open = Green; Close = Red Pushbutton Guards -- With Guards Configurable Labels -- None
0351S7XHD3E5221	SEL-351S Protection System	Firmware -- Standard plus Power Elements, Voltage Sag/Swell/Interruption Chassis and Mounting -- 3U Horizontal Rack Mount User Interface -- Standard Interface including USB plus Indoor SafeLock Trip/Close Pushbuttons and Configurable Labels Power Supply -- 48/125 Vdc or 120 Vac Communications Interface -- (2) 10/100BASE-T, EIA-485 Secondary Input Current -- 5 A Phase, 5 A Neutral Control Input Voltage -- 48 Vdc I/O Board -- Additional 12 Standard Outputs, 8 Inputs Communications Protocols -- Standard Protocols
		Model Options -- REF Plus Voltage Sensing, V/Hz Element, Over/Under Voltage, Frequency, and Power Elements Slot A Power Supply Voltage -- 24-48 Vdc

787#NGBG (0787EX2CCCCC75850620)	SEL-787 Transformer Protection Relay	Slot A Digital Input Voltage -- 48 Vdc/Vac Slot B Ethernet (Port 1) -- Dual 10/100BASE-T Ethernet Slot B Rear Serial Port (Port 3) -- EIA-232 IEC 61850 Protocol -- No DNP3 Protocol -- Yes Slot C -- 4 DI / 4 DO Fast High Current Hybrid (Form A) Slot C Digital Input Voltage -- 48 Vdc/Vac Slot D -- 4 DI / 4 DO Fast High Current Hybrid (Form A) Slot D Digital Input Voltage -- 48 Vdc/Vac Slot E -- 5 Amp Neutral AC Current Input / 3-Phase AC Voltage (300 Vac) Inputs (SELECT 1 ACI / 3 AVI) Slot E Input Voltage -- NA Slot Z Current Inputs -- 6-Phase AC Current Input (5 Amp Winding 1/5 Amp Winding 2) (SELECT 6 ACI) Conformal Coat -- No
2414#J0ED (241422CA09X2BCC1631)	SEL-2414 Transformer Monitor	Chassis -- Vertical Panel Mount Slot A Power Supply Voltage -- 24-48 Vdc Slot A Digital Input Voltage -- 48 Vdc/Vac Slot B Ethernet -- Dual 10/100BASE-T Slot B Fiber-Optic Serial -- Yes Slot B IRIG Connector -- No IEC 61850 Protocol -- No DNP3 Protocol -- Yes Slot C -- Serial Communications (EIA-232/485) Slot C Digital Input Voltage -- NA Slot D -- 10 RTD Slot D Digital Input Voltage -- NA Slot E -- 8 DO (Standard 6 Form A, 2 Form B) Slot E Digital Input Voltage -- NA Slot Z -- 4 DI / 3 DO (Standard 2 Form C, 1 Form B) Slot Z Digital Input Voltage -- 48 Vdc/Vac Conformal Coat -- Yes
2440#CGKG (24402H11C1C11640)	SEL-2440 Discrete Programmable Automation Controller (DPAC)	Mounting -- Horizontal Rack Mount I/O -- 32 DI / 16 DO Wetting Voltage -- 48 Vdc/Vac Serial Port 2 -- EIA-232 Ethernet Connection -- Dual Copper 10/100BASE-T IEC 61850 -- Yes Conformal Coat -- No
91610054	Touchscreen Monitor Kit (19 in ELO Monitor PN: E331019, DisplayPort VGA HDMI, Rack-Mount Bracket, 120/240 Vac 125/250 Vdc)	
2523#6B08 (252302H23A0C0XX)	SEL-2523 Annunciator Panel	Power Supply -- 24/48 Vdc Hardware Mounting -- Horizontal Rack Mount Fiber-Optic Serial -- No DNP3 Protocol -- Yes Serial Communication Card -- Yes Control Input Voltage -- 48 Vdc or Vac Conformal Coat -- No



SCHWEITZER ENGINEERING LABORATORIES, INC.

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3/29/23

Fayetteville Public Works Commission
Attn: Carla S. Wint
PO Box 1089
955 Old Wilmington Road
Fayetteville, NC 28301

Dear Carla,

This letter is to confirm that Atlantic Power Sales, LLC., located at 718 Westland Farm Rd, Mount Holly, NC 28120, is our authorized and exclusive Sales Representative for electric utilities and distributors in the territory of North Carolina, South Carolina, and Virginia. The SEL relay is sold exclusively in North Carolina from our representative Atlantic Power Sales. The panel manufacturers are many and can buy from our SEL relay representative from the state they are located in. There are no panel manufacturers in NC. PWC electrical support systems would like to buy the SEL relays direct and ship them to the panel manufacturers. Our warranty is transferable to any end user customer so long as Schweitzer Engineering Laboratories, Inc, has been notified who that end user is.

We appreciate the opportunity to serve and do business with your company. Feel free to contact me directly with any questions or concerns.

Sincerely,

Frannie Morrison

Frannie Morrison
Regional Business Manager, Southeast
509.334.8196
Frannie_Morrison@selinc.com

RESOLUTION HONORING PUBLIC POWER LINEWORKERS DURING
LINEWORKER APPRECIATION DAYS APRIL 10 AND APRIL 18, 2023

WHEREAS, on January 3, 2017, the 115th Congress of the United States adopted House Resolution 10 recognizing lineworkers, the profession of lineworkers, the contributions these brave men and women make to protect public safety, and expressing support for the designation of April 18 as National Lineman Appreciation Day; and

WHEREAS, on April 15, 2015, the North Carolina General Assembly ratified House Bill 140, which designates the second Monday in April of each year as Line worker Appreciation Day in North Carolina; and

WHEREAS, the Fayetteville Public Works Commission celebrates the profession of electric lineworkers and wishes to honor its Electric Department personnel for their exemplary service to the Fayetteville and its citizens; and

WHEREAS, electric utilities employ a special class of employees—electric line workers—responsible for building and maintaining the distribution lines that bring electricity to homes and businesses, constantly devoting themselves to their duty; and

WHEREAS, this profession demands passion, dedication, and ongoing training and requires lineworkers to maintain the lines around the clock, ensuring they can provide safe, reliable energy to the community; and

WHEREAS, lineworkers are often first responders during storms, working to repair broken and damaged electric lines under hazardous conditions to make the area safe for other public safety heroes; and

WHEREAS, lineworkers play a vital role in the lives of our citizens by maintaining and growing our electrical infrastructure, putting their lives on the line every day by working with the many dangers of high voltage, and

WHEREAS, the line workers of Fayetteville' Hometown electric utility and their example of service above self are deserving of the respect, admiration, and appreciation of all the citizens of Fayetteville; now, therefore

BE IT RESOLVED, that the Fayetteville Public Works Commission, joins with all N.C. public power communities and all public power systems in the United States in these celebrations of Lineworker Appreciation Days.

ADOPTED this 12th day of April 2023.

FAYETTEVILLE PUBLIC WORKS COMMISSION

Ronna Rowe Garrett, Chairwoman

ATTEST:

Evelyn O. Shaw, Secretary

March 2023

Personnel Report

<i>DIVISION</i>	<i>AUTHORIZED POSITIONS</i>	<i>ACTUAL EMPLOYEES</i>	<i>Part -time Employees</i>	<i>CONTRACT POSITIONS</i>	<i>VACANT POSITIONS</i>	<i>Temp Staff</i>
MANAGEMENT						
Executive	5	4			*2	
Legal Administration	1	1				
Customer Programs Admin	1	1			*1	
Communications/Comm Rel	1	1				
Support Services Admin	1	1				
Financial Administration	1	1				
Water Administration	1	1				
Electric Administration	1	1				
Total	12	11	0	0	1	
LEGAL						
Legal	2	2				
Total	2	2	0	0	0	
COMM/COMM REL						
Communications/Comm Relatio	5	5				
Total	5	5	0	0	0	
CUSTOMER PROGRAMS						
Programs Call Center	6	5			1	1
Customer Accounts Call Center	44	*40			*6	
Customer Service Center	9	8			1	
Customer Billing & Collections	10	10				1
Development & Marketing	8	6			2	
Water Meter Shop	1	1				
Electric Meter Shop	2	2				
Utility Field Services	18	17			1	1
Meter Data Management	7	7				
Total	105	96	0	0	9	3
ADMINISTRATION						
Human Resources	10	9			1	
Medical	1	1				
Corporate Development	18	16			2	
Procurement	7	6			1	
Warehouse	12	12				
Fleet Maintenance	27	27				
Facilities Maintenance	7	7				
IT Admin & Support	5	5				
IT Infrastructure	13	11			2	
IT Applications	15	12			3	
IT DevOps	5	4			1	
Total	120	110			10	

March 2023

Page 2

<i>DIVISION</i>	<i>AUTHORIZED POSITIONS</i>	<i>ACTUAL EMPLOYEES</i>	<i>Part -time Employees</i>	<i>CONTRACT POSITIONS</i>	<i>VACANT POSITIONS</i>	<i>Staff by Temp Agency</i>
FINANCIAL						<i>or Part-time</i>
Accounting	14	14				
Payroll	2	2				
Accounts Receivable	5	5				
Risk Management	5	5				
Property & ROW Mgmt	5	5				2
Safety	3	3				1
Internal Auditing	2	2				
Budget	2	2				
Rates & Planning	2	2				
Financial Planning Admin	5	*6				
Total	45	45	0	0	0	3
WATER RESOURCES						
W/R Engineering	40	39			1	
W/R Construction	106	102			4	
P.O. Hoffer Plant	11	11				
Glenville Lake Plant	8	8				
W/WW Facilities Maint.	26	25			1	1
Cross Creek Plant	12	12				
Rockfish Plant	9	9				
Residuals Management	2	2				
Environmental Services	1	1				
Laboratory	6	6				
W/R Environ. Sys. Prot.	4	4				
Watersheds	3	3				
Total	228	222	0	0	6	1
<i>DIVISION</i>	<i>AUTHORIZED POSITIONS</i>	<i>ACTUAL EMPLOYEES</i>	<i>Part -time Employees</i>	<i>CONTRACT POSITIONS</i>	<i>VACANT POSITIONS</i>	<i>Staff by Temp Agency</i>
ELECTRIC						
Electrical Engineering	23	22			1	
Fiber	2	2				
Electric Construction	87	77			10	
Substation	15	13			2	
Apparatus Repair Shop	5	5				
CT Metering Crews	4	4				
Compliance	2	1			1	
Power Supply SEPA	0	0				
Power Supply Progress Ene	0	0				
Generation	28	*29			*1	
Total	166	152		0	14	
TOTAL	683	643	0	0	40	7

*1 filled by interim CEO/GM

*1 filled by interim Chief Customer Officer

*2 temporary overstaff in Customer Service

*1 temp overstaff in Financial Planning Admin pending retirement

*3 temporary overstaff in Generation



CAREER OPPORTUNITIES

DEVELOPMENT AND MARKETING ANALYST (10209)

Job Info

Organization

Fayetteville Public Works Commission

Job Grade

413

Locations

Fayetteville, NC, United States

Work Locations

PWC OPERATIONS COMPLEX

Posting Date

3/17/23

Posting Visibility

External

Full or Part Time

Full time

Schedule

Monday-Friday 8am-5pm, extended hours as required

Salary Range

\$70,618.28 - \$93,039.59 annually



CAREER OPPORTUNITIES

SUPPLY CHAIN RESEARCH AND DATA INTERNSHIP (10211)

Job Info

Organization

Fayetteville Public Works Commission

Job Grade - 96

Pay Scale:

- 1st Year of College completed: \$13.00
- 2nd Year of College completed: \$14.00
- 3rd Year of College completed: \$15.00

Locations

Fayetteville, NC, United States

Work Locations

PWC OPERATIONS COMPLEX

Posting Date

3/20/23

Posting Visibility

Internal and External

Full or Part Time

Full time

Schedule

Monday-Friday 7:00am-3:30pm

Salary Range

\$13.00-\$15.00/hour



CAREER OPPORTUNITIES

CUSTOMER PROGRAMS SPECIALIST (10215)

Job Info

Organization

Fayetteville Public Works Commission

Job Grade

404

Locations

Fayetteville, NC, United States

Work Locations

PWC OPERATIONS COMPLEX

Posting Date

3/21/23

Posting Visibility

External

Full or Part Time

Full time

Schedule

Monday-Friday 8:30am-5:30pm, extended hours as required

Salary Range

\$18.06 - \$23.80 hourly



CAREER OPPORTUNITIES

IT SECURITY ANALYST

Job Info

Organization

Fayetteville Public Works Commission

Job Grade

413

Locations

Fayetteville, NC, United States

Work Locations

PWC OPERATIONS COMPLEX

Posting Date

3/22/23

Posting Visibility

External

Full or Part Time

Full time

Schedule

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

Salary Range

413 - \$70,618.28 to \$93,039.59



CAREER OPPORTUNITIES

SENIOR IT SYSTEMS ADMINISTRATOR (10185)

Job Info

Organization

Fayetteville Public Works Commission

Job Grade

414

Locations

Fayetteville, NC, United States

Work Locations

PWC OPERATIONS COMPLEX

Posting Date

3/24/23

Posting Visibility

External

Full or Part Time

Full time

Schedule

Monday through Friday (on call as required)

Salary Range

414 - \$78,933.01 to \$103,994.24



CAREER OPPORTUNITIES

W/R SENIOR UTILITY WORKER (HEAVY CONSTRUCTION) (10215)

Job Info

Organization

Fayetteville Public Works Commission

Job Grade

405

Locations

Fayetteville, NC, United States

Work Locations

PWC OPERATIONS COMPLEX

Posting Date

3/31/23

Apply Before

4/14/23 11:32 AM

Posting Visibility

Internal

Full or Part Time

Full time

Schedule

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

Salary Range

405; \$20.18- \$26.58



CAREER OPPORTUNITIES

W/R TREATMENT PLANT OPERATOR (10214)

Job Info

Organization

Fayetteville Public Works Commission

Job Grade

406

Locations

Fayetteville, NC, United States

Work Locations

PWC P.O. HOFFER WATER TREATMENT FACILITY

Posting Date

3/31/23

Apply Before

4/14/23 11:33 AM

Posting Visibility

Internal and External

Full or Part Time

Full time

Schedule

12 Hour Rotating Shifts

Salary Range

406; \$22.44- \$29.56