



ELECTRIC DEPARTMENT

Significant activities for the month of May 2025

- 5 Streetlights repaired
- 21 Permanent meters installed
- 3 Voltage checks
- 3 Utility verifications
- 2 temporary poles removed
- 3 Poles removed
- 1 Service remove

In addition to the activities listed above, the Electric Department also:

- Conducted daily morning safety meetings.
- Conducted daily truck inspections.
- Trimmed limbs and vines from power lines and poles.
- Unloaded transformers and supplies as they came in.
- Inspect/locate ROW permits.
- Conduct warehouse inventory/order supplies.
- 104 St Johns Ave., replaced #2 triplex.
- Houston St., move service line at railroad crossing .
- 4231 Audubon Ave., opened transformers for the cable to be pulled.
- 106 Walnut St., pulled wire.
- 1305 SR 16, delivered meter concrete pedestal.
- 219 Walnut St., removed flag.
- 1932 Quaker Ridge Dr., replaced hand-hole connections.
- 1232 Forbes St., installed casket covers on 2 hot legs and tap up neutral connections.
- 99 Lewis Dr., installed new anchor 8ft and span-guy.

During the month of May, the Electric Department responded to the following outages:

5/8/2025 – Between 11:00 p.m. – 1:00 a.m., 2974 Rosecrans Ln, branch took out service, 1 customer affected.

5/15/2025 – Between 6:30 p.m. – 7:30 p.m., 1408 N Orange Ave., bad recloser reset, 100 customers affected.

5/15-16/2025 – Between 11:30 p.m. – 1:30 a.m., 1408 N Orange Ave., bad recloser tied blades in recloser, 100 customers affected.

5/23/2025 – Between 10:00 p.m. – 12:00 a.m., 105 Yacht Club Point., bad transformer replaced, 2 customers affected.

5/29/2025 – Between 8:30 a.m. – 10:30 a.m., 885 Bulkhead Rd., bad transformer replaced, 8 customers affected.

Electric Utility Top Consumption Customers (kwh/meter) for May:

| NAME | SERVICE ADDRESS | KWH | AMOUNT |
|--------------------------------|-----------------------------|------------|---------------|
| St. Johns Landing | 1408 N. Orange Ave. | 203,200 | \$ 26,678.05 |
| Clay County Jail | 901 N. Orange Ave. | 200,680 | \$ 25,120.19 |
| Winn Dixie Stores, Inc | 3260 Hwy. 17 N. | 172,200 | \$ 21,069.49 |
| Clay County Court House | 825 N. Orange Ave. | 157,600 | \$ 19,371.14 |
| Kindred Health | 801 Oak St. | 151,400 | \$ 18,516.07 |
| Permabase Building Products | 1767 Wildwood Rd. | 141,600 | \$ 17,532.90 |
| BD Of County Commissioner | 825 N. Orange Ave. | 116,960 | \$ 14,366.90 |
| BD Of Public Instruction | 2025 State Road 16 | 112,200 | \$ 15,736.93 |
| City of Green Cove Springs | 1277 Harbor Road (bldg.) | 108,000 | \$ 13,115.27 |
| BD Of Public Instruction | 1 N Oakridge Ave. | 79,680 | \$ 10,994.54 |
| Oak Street Opc LLC | 803 Oak St. | 79,600 | \$ 12,274.60 |
| BD Of Public Instruction | Clay High School | 78,240 | \$ 11,506.27 |
| Tamko Roofing Products | 914 Hall Park Rd. | 76,800 | \$ 11,382.09 |
| City of Green Cove Springs | Set Street Lights | 66,392 | \$ 9,057.10 |
| VAC-CON | 954 Hall Park Rd | 66,080 | \$ 8,687.08 |
| City of Green Cove Springs | 1277 Harbor Road(reclaim w) | 60,880 | \$ 7,209.35 |
| Garber Realty/GMC | 3340 Highway 17 | 60,800 | \$ 8,041.50 |
| Direct TV/ AT&T Services, Inc. | 512 Center St. | 54,080 | \$ 6,574.08 |
| BD Of County Commissioner | 477 Houston St. (DMV) | 52,960 | \$ 6,998.10 |
| Coral Ridge Foods, GC | 1165 N Orange Ave. | 51,440 | \$ 6,548.58 |
| Duval Asphalt Products, Inc. | 1921 Jersey Ave. (EAST END) | 49,800 | \$ 9,018.12 |
| BD Of Public Instruction | 608 Mill St | 49,280 | \$ 7,063.95 |
| BD Of Public Instruction | 1220 Bonaventure | 46,880 | \$ 6,436.80 |
| City of Green Cove Springs | 925 S R 16 East SOUTH WWTP | 46,320 | \$ 5,752.95 |

Electric Utility Department Capital Projects:

Pole top switch replacement

This project began 09-18-2019 with the installation of switches at Governors Creek for restoration plan of isolation of north feeder across Governors Creek Bridge during extreme emergencies. Project is now in the inspection and evaluation process involving Chapman 2 extension to Harbor Rd and load transfer of Chapman 1 to Chapman 2.

13kV to 23kv Conversion – US17 from Harbor Road to CR 315

Planning for this project has begun. This project will continue the Chapman 1 and Chapman 2 circuits north of Harbor Road to provide capacity and reliability for existing and future customers north of Governors Creek. Materials for this project are being funded by a DEO Grant. Materials have arrived and are being installed

Governors Creek Hardening Project

This project will allow the overhead conductor crossing Governors Creek to be placed underground from Grove Street to Harbor Road. This project has been split into two phases: (1) design and permitting and (2) construction. It is 75% funded by a FEMA HMGP grant. Phase 1 is complete. The project is now being evaluated by FDEM and FEMA funding for the construction phase. Once funding is in place and a contract is carried out, bidding and construction should take approximately 9 months. This project will also support the extension of Chapman 1 and Chapman 2 circuits north of Governors Creek to provide additional capacity and reliability for all customers north of Governors Creek.



NOTES FOR MANHOLE LOCATIONS AND UD CONDUIT SPANS

1. THE TOWN OF GREEN COVE SPRINGS PROVIDED COORDINATES FOR THE MANHOLE LOCATIONS AND UD CONDUIT SPANS. THESE COORDINATES ARE FOR INFORMATION PURPOSES ONLY AND ARE NOT TO BE USED FOR DRILLING.
2. UNDERGROUND BORING LOCATIONS BETWEEN MANHOLES 1 THROUGH 6 WERE PROVIDED BY THE TOWN OF GREEN COVE SPRINGS.
3. DUE TO THE INACCURACY OF THE COORDINATES PROVIDED, THESE LOCATIONS ARE APPROXIMATE AND SHOULD NOT BE USED FOR DRILLING.
4. THE TOWN OF GREEN COVE SPRINGS PROVIDED THESE COORDINATES FOR THE MANHOLE LOCATIONS AND UD CONDUIT SPANS IN THESE AREAS TO HELP PREVENT CONFLICTS WITH THE TOWN'S EXISTING SEWER SYSTEM. THESE COORDINATES ARE NOT TO BE USED FOR DRILLING.
5. THE PROPOSED BORING LOCATIONS CREDIT IS BASED ON THE UD CONDUIT SPAN. THIS NOTE INDICATES UNDERGROUND BORING IS TO BE CONDUCTED IN SPANS.

Two PFI Classes 2 poles will be installed near PT 1. The transmission units on each pole shall be a VCELS, and GDU's. The PFI-PDU and GDU's will be installed adjacent to the PT 1.
The PFI-PDU and GDU's will be installed adjacent to the PT 2.
One PFI Class 2 Poles will be installed near PT 3. The transmission units on each pole shall be a VCELS and GDU.
One PFI Class 2 Poles will be installed near PT 4. The transmission units on each pole shall be a VCELS and GDU.
The City of Green Bay Agency will determine the maximum pole capacity of poles.

North and South Substation Improvements

North and South substation sub-station upgrades have begun with directional bore designs completed to install URD 23KV feeds to substation transformers eliminating the possibility of catastrophic failure in the event of lightning or material failure which could cause the conductor to fall into existing buss work.