



ELECTRIC DEPARTMENT

Significant activities for the month of August 2023

- 17 Streetlights repaired
- 7 Streetlights installed
- 30 Poles removed
- 6 Poles installed
- 1 Pole replaced
- 2 Voltage checked
- 2 Services removed
- 1 Temporary meter installed
- 1 Meter inspection
- 5 Meters replaced
- 2 Utility verifications

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 when they came in.
- Inspect/locate ROW permits.
- Conduct warehouse inventory/order supplies.
- Cypress Ave. & Gum St., straighten pole and added a pole key.
- 825 N Orange Ave., inspected service riser pole and transformers.
- 451 Vermont Ave, tap up existing service pole.
- 3592 Barton Creek Circle, replaced underground secondary box.
- 1408 Forbes St., replaced casket covers.
- 1320 Martin L. King Jr. Blvd., re-worked service connection.
- 301 Highland Ave., replaced casket covers.
- 1387 River Rd W., re-hung communication wire up the pole.
- 631 St Johns Ave., connected underground service in hand-hole.
- 1426 Wilkies Point Rd., tap up new house in underground transformer.
- 3266 US 17 N., checked CT ratio, wiring and meter.
- Magnolia Point, installed new fault indicators.

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

08/1/2023 – Between 6:00 p.m. – 9:30 p.m., 3682 Baltrusol Ct., burnt transformer replaced, 6 customers affected.

08/1/2023 – Between 9:30 p.m. – 10:00 p.m., 820 Corporate Square, blown fuse by lightning, 1 customer affected.

08/5/2023 – Between 12:00 p.m. – 3:00 p.m., 401 Oakridge Ave, tree came down on service, 1 customer affected.

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

| <u>NAME</u> | <u>SERVICE ADDRESS</u> | <u>KWH</u> | <u>AMOUNT</u> |
|--------------------------------|-------------------------------|-------------------|----------------------|
| Clay County Jail | 901 N. Orange Ave. | 469,000 | \$ 39,494.80 |
| St. Johns Landing | 1408 N. Orange Ave. | 364,490 | \$ 36,499.00 |
| BD Of County Commissioner | 825 N. Orange Ave. | 258,800 | \$ 22,410.40 |
| Kindred Health | 801 Oak St. | 197,600 | \$ 17,228.80 |
| Direct TV/ AT&T Services, Inc. | 512 Center St | 168,160 | \$ 13,128.08 |
| Clay County Court House | 825 N. Orange Ave. | 163,680 | \$ 13,902.64 |
| Winn Dixie Stores, Inc | 3260 Hwy. 17 N. | 163,600 | \$ 15,256.80 |
| BD Of Public Instruction | 2025 State Road 16 | 154,600 | \$ 15,755.80 |
| Permabase Building Products | 1767 Wildwood Rd | 134,880 | \$ 12,058.64 |
| Governors Creek #436 | 803 Oak St. | 118,000 | \$ 10,602.00 |
| Tamko Roofing Products | 914 Hall Park Rd. | 109,440 | \$ 10,935.92 |
| BD Of Public Instruction | Clay High School | 103,920 | \$ 11,165.36 |
| Coral Ridge Foods, Gc | 1165 N Orange AVE | 84,640 | \$ 7,303.12 |
| BD Of County Commissioner | 477 Houston St (DMV) | 84,160 | \$ 7,988.88 |
| Clay Port Inc. | 972 Bulkhead RD (METER B) | 83,720 | \$ 7,562.36 |
| City of Green Cove Springs | 1277 Harbor Road | 82,880 | \$ 9,211.68 |
| BD Of Public Instruction | 801 Center St | 81,920 | \$ 7,689.36 |
| Garber Realty/GMC | 3340 Highway 17 | 81,760 | \$ 7,623.28 |
| BD Of Public Instruction | 608 Mill St | 72,320 | \$ 6,730.16 |
| VAC-CON | 954 Hall Park Rd. | 70,640 | \$ 5,206.72 |
| Ammcon Corp. | 1503 CR315 Ste 201 | 68,100 | \$ 6,704.30 |
| City of Green Cove Springs | Set Street Lights | 66,392 | \$ 7,381.51 |
| BD Of Public Instruction | 1 N Oakridge Ave | 64,800 | \$ 6,616.40 |
| Pegasus Technologies | 932 Pilot Dr. Hanger 3 & 4 | 60,480 | \$ 5,821.64 |

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 if 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 started arriving and we are installing the material as it arrives.

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 being 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 executed, bidding and construction should take approximately 9 months. This project will also support to 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.

