



ELECTRIC DEPARTMENT

Significant activities for the month of August 2024

- 4 streetlights repaired
- 11 new poles installed
- 3 poles removed
- 1 pole replaced
- 4 permanent meters installed
- 4 temp meters installed
- 3 voltage checks
- 4 utility verification
- 4 services removed

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.
- 503 Sunset Ave., dump truck broke pole that was replaced and service repaired.
- Robert St & CR 16, replaced blown arrestor and stirrup.
- Boivin Rd & US 17, installed guy guards.
- 1505 Elsie St., straighten pole and restored power.
- Julia St & Oakridge Ave., removed pole, anchor and span guy.
- 1400 Melrose Ave., replaced group operated air-break switch.
- 715 N Pine Ave., installed #2 triplex house service
- S Oakridge Ave & Green Cove Ave., installed 8ft anchor and spliced in new location.
- 1343 Love Dr., repaired wire down.

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

08/02/2024 – Between 5:00 p.m. – 12:00 a.m., 1408 N Orange Ave., changed transformer due to lightning , 15 customers affected.

08/02/2024 – Between 5:00 p.m. – 12:00 a.m., City Wide, changed transformer due to lightning, 50 customers affected.

08/21/2024 – Between 10:00 p.m. – 12:00 a.m., 1514 Thomas St., lightning affected lateral and was re-fused 10 customers affected.

08/22/2024 – Between 7:30 a.m. – 8:00 a.m., 3191 CR 209, re-fused transformer, 4 customers affected.

08/29/2024 – Between 10:30 p.m. – 1:30 a.m., Randall Rd., tree limb fell on service , 50 customers affected.

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

| NAME | SERVICE ADDRESS | KWH | AMOUNT |
|--------------------------------|------------------------------|------------|---------------|
| Clay County Jail | 901 N. Orange Ave. | 266,760 | \$ 28,062.44 |
| St. Johns Landing | 1408 N. Orange Ave. | 261,620 | \$ 28,831.70 |
| Winn Dixie Stores, Inc | 3260 Hwy. 17 N. | 216,200 | \$ 21,587.64 |
| Kindred Health | 801 Oak St. | 212,600 | \$ 20,671.41 |
| Clay County Court House | 825 N. Orange Ave. | 148,800 | \$ 15,526.06 |
| Permabase Building Products | 1767 Wildwood Rd. | 137,440 | \$ 14,128.49 |
| BD Of Public Instruction | 2025 State Road 16 | 128,600 | \$ 15,246.37 |
| BD Of County Commissioner | 825 N. Orange Ave. | 117,280 | \$ 12,053.78 |
| BD Of Public Instruction | Clay High School | 103,920 | \$ 12,563.48 |
| Oak Street Opco LLC | 803 Oak St. | 98,400 | \$ 10,195.13 |
| Tamko Roofing Products | 914 Hall Park Rd. | 97,440 | \$ 12,600.94 |
| BD Of Public Instruction | 1 N Oakridge Ave. | 88,800 | \$ 9,623.52 |
| City of Green Cove Springs | 1277 Harbor Road | 82,400 | \$ 8,182.87 |
| Garber Realty/GMC | 3340 Highway 17 | 72,160 | \$ 7,917.69 |
| BD Of County Commissioner | 477 Houston St. (DMV) | 71,840 | \$ 7,861.88 |
| BD Of Public Instruction | 608 Mill St. | 66,720 | \$ 7,264.38 |
| Duval Asphalt Products, Inc. | 1921 Jersey Ave. (EAST END) | 66,600 | \$ 10,432.99 |
| City of Green Cove Springs | Set Street Lights | 66,392 | \$ 7,630.16 |
| BD Of Public Instruction | 1220 Bonaventure Ave. | 64,960 | \$ 7,108.77 |
| Coral Ridge Foods, GC | 1165 N Orange Ave. | 62,320 | \$ 6,475.30 |
| BD Of Public Instruction | 801 Center St. | 60,000 | \$ 6,618.46 |
| Green Cove Springs Marina | Pier # 11 & 1 | 56,800 | \$ 5,793.62 |
| Ammcon Corp. | 1503 County Rd. 315 Ste. 201 | 53,700 | \$ 6,480.08 |
| Direct Tv/ AT&T Services, Inc. | 512 Center St. | 49,440 | \$ 5,136.98 |

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 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.



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 conductor to fall into existing bus work.