



ELECTRIC DEPARTMENT

Significant activities for the month of January 2025

- 8 Streetlights repaired
- 1 Streetlight installed
- 2 Meters replaced
- 9 Permanent meters installed
- 2 Meter inspected
- 6 Voltage checks
- 5 Utility verification
- 2 Poles removed
- 3 New poles installed
- 2 Existing poles moved to new locations

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.
- Martin L. King Jr. Blvd., & Oakridge Ave., removed Christmas lights.
- 350 Governors St., connected secondary wires and energized pad-mount.
- Sunset Ave. & Elsie St., upgrade 25 KVA to 50 KVA .
- Spring Park, replaced hand-hole.
- 1975 Bent Creek Ct., checked CT wiring changed out meter to single phase.
- 511 Myrtle Ave., removed drop to temporary pole.
- St Johns Landing, changed out reclosure.
- 1289 Harbor Rd., change out transformer location to east side and run conduit.
- 3616 Magnolia Point Blvd., switch out feeder changed out bad bushing and gasket.
- Green Cove Ave & S Oakridge Ave., removed tree on the line.
- 508 Chapel St., removed meter from house on fire.

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

1/1/2025 – Between 10:00 a.m. – 12:00 a.m., 3199 River Rd., squirrel blown fuse, broken primary, 2 customers affected.

1/2/2025 – Between 9:00 a.m. – 9:22 a.m., 501 Spring St., blown transformer fuse overload replaced fuse, 2 customers affected.

1/6/2025 – Between 10:25 a.m. – 10:38 a.m., 1501 CR 315, bad reclosure controller, 109 customers affected.

1/17/2025 – Between 11:30 a.m. – 12:30 p.m., 220 Pringle Circle., blown fuse in transformer replaced fuse, 1 customer affected.

1/22/2025 – Between 9:30 a.m. – 11:45 a.m., 1205 Spruce St., transformer overload replaced fuse, 5 customers affected.

1/22/2025 – Between 2:20 a.m. – 3:20 a.m., 704 Palmer St., blown fuse in transformer replaced, 7 customers affected.

1/26/2025 – Between 1:00 a.m. – 2:20 a.m., 1411 Wilkies Pt., blown fuse in transformer, replaced fuse , 2 customers affected.

1/29/2025 – Between 6:00 a.m. – 9:00 a.m., 1260 Ivey Ln., broken service wire replaced, 1 customer affected.

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

NAME	SERVICE ADDRESS	KWH	AMOUNT
St. Johns Landing	1408 N. Orange Ave.	266,700	\$ 36,330.05
Clay County Jail	901 N. Orange Ave.	200,640	\$ 26,004.32
Clay County Court House	825 N. Orange Ave.	171,000	\$ 21,821.01
Kindred Health	801 Oak St.	170,800	\$ 21,521.98
Winn Dixie Stores, Inc	3260 Hwy. 17 N.	156,000	\$ 20,224.58
Permabase Building Products	1767 Wildwood Rd.	127,200	\$ 16,403.89
Oak Street Opco LLC	803 Oak St.	109,600	\$ 14,848.40
BD Of County Commissioner	825 N. Orange Ave.	102,560	\$ 13,051.27
BD Of Public Instruction	2025 State Road 16	88,600	\$ 13,041.51
City of Green Cove Springs	1277 Harbor Road	85,440	\$ 10,611.99
Garber Realty/GMC	3340 Highway 17	80,480	\$ 11,100.26
Green Cove Springs Marina	Pier # 11 & 1	72,000	\$ 8,854.64
City of Green Cove Springs	Set Street Lights	66,392	\$ 9,389.06
BD Of Public Instruction	Clay High School	65,760	\$ 11,266.27
Tamko Roofing Products	914 Hall Park Rd.	62,400	\$ 10,642.60
BD Of Public Instruction	1 N Oakridge Ave.	59,040	\$ 9,281.64
VAC-CON	954 Hall Park Rd	57,200	\$ 7,648.41
BD Of County Commissioner	477 Houston St. (DMV)	49,600	\$ 6,774.01
Coral Ridge Foods, GC	1165 N Orange Ave.	48,400	\$ 6,406.87
Duval Asphalt Products, Inc.	1921 Jersey Ave. (EAST END)	48,300	\$ 10,532.54
City of Green Cove Springs	925 S R 16 East SOUTH WWTP	47,280	\$ 6,127.63
Direct Tv/ AT&T Services, Inc.	512 Center St.	45,600	\$ 5,819.76
BD Of Public Instruction	1220 Bonaventure Ave.	43,680	\$ 6,913.18
Premier Surface Design LLC.	991 Bunker AVE # 288	39,680	\$ 5,578.28

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 UG CONDUIT SPANS

1. THE TOWN OF GREEN COVE SPRINGS PROPOSED CONDUITS FOR UG CONDUITS ARE LOCATED ON THE SURFACE. THE MANHOLE LOCATIONS ARE THE EXACT SPOTS WHERE THE CONDUITS WILL BE PLACED FOR UG.
2. UNDERGROUND SPACINGS BETWEEN HOUSEHOLD UG CONDUITS ARE APPROXIMATELY 100 FEET.
3. THE PROPOSED MANHOLE LOCATIONS ON THE DRAWINGS BASED ON GOOGLE EARTH OR DATA AS OF ANY REASONABLE DATE. THESE LOCATIONS ARE APPROXIMATE AND SHOULD NOT BE USED FOR DESIGN.
4. THE PROPOSED MANHOLE LOCATIONS ARE FOR INFORMATION ONLY. THE PROPOSED MANHOLE LOCATIONS AS SHOWN IN THE DRAWINGS ARE NOT FOR CONSTRUCTION. THE PROPOSED MANHOLE LOCATIONS ARE NOT THE EXACT SPOTS WHERE THE CONDUITS WILL BE PLACED.
5. THE PROPOSED CONDUITS ARE LOCATED ON THE SURFACE. THE TOWN OF GREEN COVE SPRINGS IS NOT RESPONSIBLE FOR CONSTRUCTION OF THE CONDUITS OR MANHOLE LOCATIONS.

Two IFP Class 2 pads will be installed near PT 1. The connection units on each pad shall be a VCL4L4 and VCL4L4. The IFP-PG2 sub-Milgs will be installed adjacent to the VCL4L4.
The IFP-PG2 sub-Milgs will be installed adjacent to the VCL4L4.
One IFP Class 2 pad, will be installed near PT 2. The connection units on the pad shall be a VCL4L4 and VCL4L4.
One IFP Class 2 pad, will be installed near PT 3. The connection units on the pad shall be a VCL4L4 and VCL4L4.
The City of Green Cove Springs, FL, deserves the connection units of equipment.

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.