



ELECTRIC DEPARTMENT

Significant activities for the month of May 2024

- 19 Streetlights repaired
- 2 New poles installed
- 11 Poles replaced
- 27 Poles removed
- 4 permanent meters installed
- 1 New meter installed
- 3 Voltage checks
- 1 Utility verification
- 2 Disconnects for demolition

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.
- 3763 Randall Rd., tree came down broke secondaries.
- 229 Walnut St., hung American flag for Memorial Day weekend.
- 1756 Verdad St., set 500 KVA pad-mount.
- 215 N Magnolia Ave., installed squirrel guard.
- 229 Walnut St., ran triplex from hand-hole to break box.
- Orange Ave., replaced banners along US 17.
- Center St & Esplande Ave., replaced span of triplex.
- 1305 Idlewild Ave., removed secondaries, anchors, and cts.

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

05/07/2024 – Between 6:45 a.m. – 8:00 a.m., 1323 Spruce St., bad arrestor, 30 customers affected.

05/08/2024 – Between 7:30 p.m. – 10:30 p.m., 901 Walburg St., bad transformer, 6 customers affected.

05/10/2024 – Between 9:30 a.m. – 3:00 p.m., City Wide (St Johns Ave., Idlewild Ave., Bonaventure Ave.) blown fuse in transformer and cables down, 20 customers affected.

05/12/2024 – Between 11:00 a.m. – 4:30 p.m., 1441 Wilkies Point, blown fuse in transformer, 1 customer affected.

05/13/2024 – Between 9:00 p.m. – 12:00 a.m., 1063 Bulkhead Rd., blown arrestor, 30 customers affected.

05/18/2024 – Between 3:00 a.m. – 5:00 a.m., 518 Governors St., bad cut out and arrestor, 3 customers affected.

05/19/2024 – Between 5:15 a.m. – 7:45 a.m., 3071 Anderson Rd., tree took down primary, 15 customers affected.

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

<u>NAME</u>	<u>SERVICE ADDRESS</u>	<u>KWH</u>	<u>AMOUNT</u>
Clay County Jail	901 N. Orange Ave.	240,760	\$ 33,914.70
St. Johns Landing	1408 N. Orange Ave.	233,680	\$ 33,937.10
Winn Dixie Stores, Inc	3260 Hwy. 17 N.	170,400	\$ 23,437.51
Clay County Court House	825 N. Orange Ave.	152,000	\$ 21,386.18
Kindred Health	801 Oak St.	151,600	\$ 20,761.81
Permabase Building Products	1767 Wildwood Rd	144,000	\$ 19,692.80
BD Of Public Instruction	2025 State Road 16	120,600	\$ 18,360.33
BD Of County Commissioner	825 N. Orange Ave.	107,040	\$ 14,778.17
City of Green Cove Springs	City/Annabelle Lee / City Pier	99,999	\$ 14,984.85
Tamko Roofing Products	914 Hall Park Rd.	92,960	\$ 15,130.80
Oak Street Opco LLC	803 Oak St.	85,600	\$ 10,713.86
BD Of Public Instruction	Clay High School	80,400	\$ 10,944.51
City of Green Cove Springs	1277 Harbor Road	80,400	\$ 12,050.98
City of Green Cove Springs	Set Street Lights	66,392	\$ 9,953.88
BD Of County Commissioner	477 Houston St (DMV)	63,360	\$ 9,306.79
BD Of Public Instruction	1 N Oakridge Ave.	62,400	\$ 9,732.84
Garber Realty/GMC	3340 Highway 17	60,480	\$ 8,746.90
VAC-CON	954 Hall Park Rd.	59,200	\$ 8,370.72
Coral Ridge Foods, GC	1165 N Orange AVE	58,720	\$ 8,140.46
BD Of Public Instruction	608 Mill St.	47,360	\$ 7,152.60
Direct TV/ ATT Services, Inc.	512 Center St	47,040	\$ 6,494.52
BD Of Public Instruction	801 Center St	46,400	\$ 6,965.97
AMMCON CORP	1503 CR 315 STE 201	44,100	\$ 6,970.84
Pegasus Technologies	932 Pilot DR HANGER 3 & 4	43,200	\$ 6,522.87

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 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.



SCALE	DATE	BY	REVISION



NOTES FOR MANHOLE LOCATIONS AND UG CONDUIT SPANS

1. All Manhole (MH) locations are indicated on the drawing. The location of the manhole is indicated by a yellow dot. The location of the manhole is indicated by a yellow dot.
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The City of Green Cove Springs will be installing new PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's. The manholes will be installed near the PT's.

SURVEY NOTES FOR UNDERGROUND BONE PROFILES UNDER GOVERNORS CREEK

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PROJECT NO.	DATE	BY	REVISION
GREEN COVE SPRINGS CLAY COUNTY, FLORIDA GOVERNORS CREEK CROSSING GOVERNORS CREEK APPROX. MANHOLE LOCATIONS & UNDERGROUND CONDUITS			
DWG. NO.			

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.