



ELECTRIC DEPARTMENT

Significant activities for the month of December 2023

- 14 Streetlights repaired
- 3 Poles removed
- 3 Poles replaced
- 5 Permanent meter services installed
- 5 Utility verifications
- 1 Voltage checks.

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.
- 3031 Eagle Pass Pt., unlocked and covered secondaries in three phase transformer for electrician work.
- 887 Cooks Ln., transfer service to new pole and removed 2 spans of triplex.
- 800 Center St., removed duplex and cut pole down to telephone wire.
- 932 Pilot Dr., installed 3 concrete pits for switch gear.
- 850 Cooks Ln., installed cut outs on 50ft wood pole and fuse with 25ks fuse to separate line from apartment complex.

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

12/17/2023 – Between 12:45 p.m. – 2:25 p.m., 455 Olive Circle., lateral fuse replaced, 30 customers affected.

12/18/2023 – Between 1:45 a.m. – 3:45 a.m., 1261 Pleasant Point Rd., tree limbs on transformer, 1 customer affected.

12/21/2023 – Between 5:00 p.m. – 6:30 p.m., Rookery Project; Feeder 2510 right of way, repaired feeder lines after being damaged by contractor, 500 customers affected.

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

<u>NAME</u>	<u>SERVICE ADDRESS</u>	<u>KWH</u>	<u>AMOUNT</u>
St. Johns Landing	1408 N. Orange Ave.	227,330	\$ 22,783.00
Clay County Jail	901 N. Orange Ave.	182,000	\$ 17,425.20
Winn Dixie Stores, Inc	3260 Hwy. 17 N.	157,800	\$ 14,306.40
BD Of County Commissioner	825 N. Orange Ave.	153,200	\$ 14,293.60
Kindred Health	801 Oak St.	152,400	\$ 13,453.20
Permabase Building Products	1767 Wildwood Rd	110,400	\$ 10,217.20
BD Of Public Instruction	2025 State Road 16	94,200	\$ 10,071.60
Clay County Court House	825 N. Orange Ave.	86,720	\$ 8,039.76
City of Green Cove Springs	1277 Harbor Road	84,400	\$ 8,705.20
Tamko Roofing Products	914 Hall Park Rd.	79,040	\$ 8,771.12
City of Green Cove Springs	Set Street Lights	66,392	\$ 6,850.37
Garber Realty/GMC	3340 Highway 17	65,280	\$ 6,991.44
BD Of Public Instruction	Clay High School	64,560	\$ 8,292.08
D Of County Commissioner	477 Houston St (DMV)	54,720	\$ 5,363.76
Coral Ridge Foods, Gc	1165 N Orange AVE	43,920	\$ 4,208.16
BD Of Public Instruction	1 N Oakridge Ave	41,520	\$ 5,263.76
VAC-CON	954 Hall Park Rd.	41,520	\$ 4,916.96
Duval Asphalt Products, Inc.	1921 Jersey AVE (EAST END)	40,800	\$ 7,414.40
Direct TV/ ATT Services, Inc.	512 Center St	38,560	\$ 3,558.48
Race Trac Petroleum, Inc.	3106 Highway 17	37,600	\$ 3,440.80
City Of Green Cove Springs	925 S R 16 East South Wwtp	35,040	\$ 3,342.32
Green Cove Springs Marina	Pier # 11 & 1	34,480	\$ 3,281.04
Pegasus Technologies	932 Pilot Dr Hanger 3 & 4	33,840	\$ 3,499.52
BD Of Public Instruction	608 Mill ST	33,440	\$ 4,116.32

Electric Utility Department Capital Projects:

Pole top switch replacement

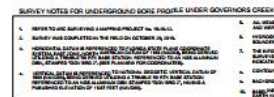
This project began 09-18-2019 with the installation of switches at Governors Creek for restoration plan of isolation of north feeder across Governors Creek Bridge during extreme emergencies. Project is now in the inspection and evaluation process involving Chapman 2 extension to Harbor Rd and load transfer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

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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.