



ELECTRIC DEPARTMENT

Significant activities for the month of March 2023

- 21 Streetlights repaired
- 1 Street light removed
- 1 Permanent meter installed
- 2 Meters removed
- 1 Meter replaced
- 1 Reverse solar meter installed
- 5 Temporary meters installed
- 5 Poles replaced
- 28 Poles removed
- 1 New pole installed
- 1 Utility verification
- 1 Voltage check

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.
- 1000 Roland Ave., cross arm change out.
- 1122 North St., installed casket covers.
- Magnolia Point, replaced handholes and underground secondary molds.
- 1309 East St., removed wires from downed pole.
- 200 St Johns Ave., moved single phase primary out onto fiberglass standoff.
- Green St & Center St., replace broken B phase insulator.
- 3363 Hwy 17, changed out dual voltage bank of transformers.
- 3266 Hwy 17., changed out 500 KVA to a 150 KVA dual voltage transformer.
- 92 Yacht Club Pt., changed out transformer.

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

03/04/2023 – Between 4:20 p.m. – 6:00 p.m., 1945 SR 16W., tree branch damaged secondary wires, 1 customer affected.

03/06/2023 – Between 6:30 p.m. – 10:00 p.m., 751 N Pine Ave., bad service in riser pipe, 1 customer affected.

03/12/2023 – Between 7:30 p.m. – 10:30 p.m., 412 Highland Ave., tree limb broke wire, 1 customer affected.

03/17/2023 – Between 5:30 p.m. – 8:00 p.m., 1605 Spruce St., transformer fuse blown, 8 customers affected.

03/18/2023 – Between 2:30 p.m. – 3:30 p.m., 2991 US Hwy 17 N., cable on transformer was out of place, 1 customer affected.

03/19/2023 – Between 9:00 a.m. – 11:00 a.m., 1517 Ball Rd., tree came down on neutral, 1 customer affected.

03/24/2023 – Between 2:30 p.m. – 4:00 p.m., 3635 Wingfoot Circle, meter was bad, 1 customer affected.

03/27/2023 – Between 4:20 p.m. – 6:30 p.m., 1767 Wildwood Rd, wire burnt down, bad connections, 50 customers affected.

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

<u>NAME</u>	<u>SERVICE ADDRESS</u>	<u>KWH</u>	<u>AMOUNT</u>
St. Johns Landing	1408 N. Orange Ave.	241,300	\$ 34,314.60
Clay County Jail	901 N. Orange Ave.	228,280	\$ 29,248.66
Kindred Health	801 Oak St.	195,800	\$ 25,015.00
Winn Dixie Stores, Inc	3260 Hwy. 17 N.	193,400	\$ 25,810.00
Permabase Building Products	1767 Wildwood Rd	127,040	\$ 16,944.40
Tamko Roofing Products	914 Hall Park Rd.	120,160	\$ 17,894.00
BD Of County Commissioner	825 N. Orange Ave.	109,400	\$ 15,861.00
Clay County Court House	825 N. Orange Ave.	105,760	\$ 13,926.00
Governors Creek #436	803 Oak St.	105,200	\$ 14,188.00
BD Of Public Instruction	2025 State Road 16	100,400	\$ 15,455.00
City of Green Cove Springs	1277 Harbor Road	86,000	\$ 10,710.80
Duval Asphalt Products, Inc.	1921 Jersey Ave (east End)	70,800	\$ 12,731.00
City of Green Cove Springs	Set Street Lights	66,392	\$ 9,572.45
BD Of County Commissioner	477 Houston St (dmv)	65,760	\$ 9,081.20
Coral Ridge Foods	1165 N Orange Ave.	56,160	\$ 7,521.60
BD Of Public Instruction	1 N Oakridge Ave.	53,520	\$ 8,346.80
Garber Realty/GMC	3340 Highway 17	50,720	\$ 7,773.20
Kindred Health	801 Center St.	50,560	\$ 7,115.60
VAC-CON	954 Hall Park Rd.	46,240	\$ 6,741.20
BD Of Public Instruction	Clay High School	46,080	\$ 7,409.60
Direct TV/ATT Services, Inc.	512 Center St.	44,960	\$ 5,914.00
Pegasus Technologies	932 Pilot Dr Hanger 3 & 4	42,600	\$ 6,101.60
Wen South LLC/Wendy's FL.	3266 Highway 17	40,400	\$ 5,539.20
Ammcon Corp.	1503 County Road 315 Ste 201	36,600	\$ 5,559.50

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.

