



ELECTRIC DEPARTMENT

Significant activities for the month of July 2024

- 12 Streetlights repaired
- 6 New poles installed
- 11 Poles removed
- 1 Pole replaced
- 6 permanent meters installed
- 1 Meter inspected
- 1 Meter removed
- 6 Voltage checks
- 2 Utility verifications
- 7 Replaced weather-head casket covers

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.
- 1931 Hwy 16 W., removed limb touching service and tight it.
- City wide, installed squirrel guards.
- 1009 Palmer St., replaced service to the house.
- 963/965 Worthington Ave., de-energized services to both buildings for repairs.
- 3698 Winged Foot Cir., re-sealed meter can.
- 3592 Barton Creek Circle., removed transformer lifting bolts.
- 1105 Orange Ave., secured riser guard.
- 502 N Cypress Ave., inspected the removal of service for demolition.
- 814 N Cypress Ave., replaced service.

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

07/09/2024 – Between 2:58 p.m. – 3:58 p.m., 605 Kirk St & Harring St., tree fell on service, 40 customers affected.

07/13/2024 – Between 5:00 p.m. – 7:00 p.m., Pinewood Ct. & Oakridge Ave., tree fell on service, replaced primary, neutral and re-fuse switch cabinet, 80 customers affected.

07/19/2024 – Between 9:15 a.m. – 10:15 a.m., 304 Citizens St., re-fused transformer due to lightning, 1 customer affected.

07/19/2024 – Between 10:15 a.m. – 11:15 a.m., 1030 North St., re-fused transformer due to lightning, 4 customers affected.

07/20/2024 – Between 7:00 a.m. – 10:30 a.m., 3129 Bazley Rd., replaced transformer due to lightning 4 customers affected.

07/26/2024 – Between 6:00 p.m. – 7:00 p.m., 367 Sunset Ave., re-fuse transformer due to lightning, 2 customers affected.

07/26/2024 – Between 6:15 a.m. – 7:30 a.m., 900 St Johns Ave., blown arrester replaced, 15 customers affected.

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

NAME	SERVICE ADDRESS	KWH	AMOUNT
St. Johns Landing	1408 N. Orange Ave.	443,230	\$ 62,992.16
Clay County Jail	901 N. Orange Ave.	307,520	\$ 40,979.57
Winn Dixie Stores, Inc	3260 Hwy. 17 N.	213,400	\$ 28,360.55
Magnolia Pt Investments	3670 Clubhouse DR	200,960	\$ 26,146.02
Kindred Health	801 Oak St.	186,400	\$ 24,733.37
Clay County Court House	825 N. Orange Ave.	170,400	\$ 22,818.19
Permabase Building Products	1767 Wildwood Rd	165,440	\$ 21,870.02
BD Of Public Instruction	2025 State Road 16	134,800	\$ 19,488.10
BD Of County Commissioner	825 N. Orange Ave.	134,240	\$ 17,779.53
Oak Street Opco LLC	803 Oak St.	110,800	\$ 14,894.42
Tamko Roofing Products	914 Hall Park Rd.	104,640	\$ 15,388.82
City of Green Cove Springs	1277 Harbor Road	91,520	\$ 11,902.13
BD Of County Commissioner	477 Houston St (DMV)	76,480	\$ 10,628.40
BD Of Public Instruction	Clay High School	72,000	\$ 12,175.99
Garber Realty/GMC	3340 Highway 17	71,360	\$ 10,104.93
Coral Ridge Foods, GC	1165 N Orange Ave.	69,680	\$ 9,304.04
BD Of Public Instruction	1 N Oakridge Ave.	68,640	\$ 9,882.24
BD Of Public Instruction	608 Mill St.	68,240	\$ 9,475.32
BD Of Public Instruction	801 Center St	66,560	\$ 9,287.10
City of Green Cove Springs	Set Street Lights	66,392	\$ 9,754.70
BD Of Public Instruction	1220 Bonaventure Ave	65,100	\$ 8,845.70
VAC-CON	954 Hall Park Rd	64,480	\$ 8,994.70
Green Cove Springs Marina	Pier # 11 & 1	57,920	\$ 7,719.87
Direct Tv/ AT&T Services, Inc.	512 Center St.	57,280	\$ 7,616.60

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 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.



NOTES FOR MANHOLE LOCATIONS AND UD CONDUIT SPANS

1. THE TOWN OF GREEN COVE SPRINGS REQUIRED CORROBORATE INFORMATION FROM THE CITY OF JACKSONVILLE AND ATTACHE A COPIA FOR THIS
2. UNDERGROUND CONDUITS BETWEEN MANHOLE #1 THROUGH #6
3. THE MANHOLE LOCATIONS ARE APPROXIMATE AND NOT TO SCALE
4. PUT ENGINEERING SHEETS MANHOLE LOCATIONS ON THIS DRAWING BASED ON GOOGLE EARTH OR DATA WITH AN EARLIER DATE OF 12/2004. THESE LOCATIONS ARE APPROXIMATE AND SHOULD ONLY BE USED FOR GENERAL PLACEMENT
5. THE MANHOLE LOCATIONS ARE APPROXIMATE AND NOT TO SCALE
6. THE PROPOSED UD CONDUIT SPANS ARE BASED ON THE 12/2004 DATA. THE TOWN OF JACKSONVILLE MAY NOT APPROVE THE SPANS AS SHOWN
7. THE PROPOSED UD CONDUIT SPANS ARE BASED ON THE 12/2004 DATA. THE TOWN OF JACKSONVILLE MAY NOT APPROVE THE SPANS AS SHOWN

Two (2) Class 3 poles will be installed near PT 1. The transmission units on each pole shall be a VCELS, and GDU's. The PT-PDU and GDU will be installed adjacent to the L&L. The PT-PDU and GDU will be installed adjacent to the L&L.

One (1) Class 3 pole will be installed near PT 2. The transmission units on each pole shall be a VCELS, and GDU's. One (1) Class 3 pole will be installed near PT 3. The transmission units on each pole shall be a VCELS, and GDU's. The City of Green Bay Agency will determine the transmission units/pole 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 conductor to fall into existing bus work.