



Operations Report

Eddie Dauterive | Chief Operations Officer

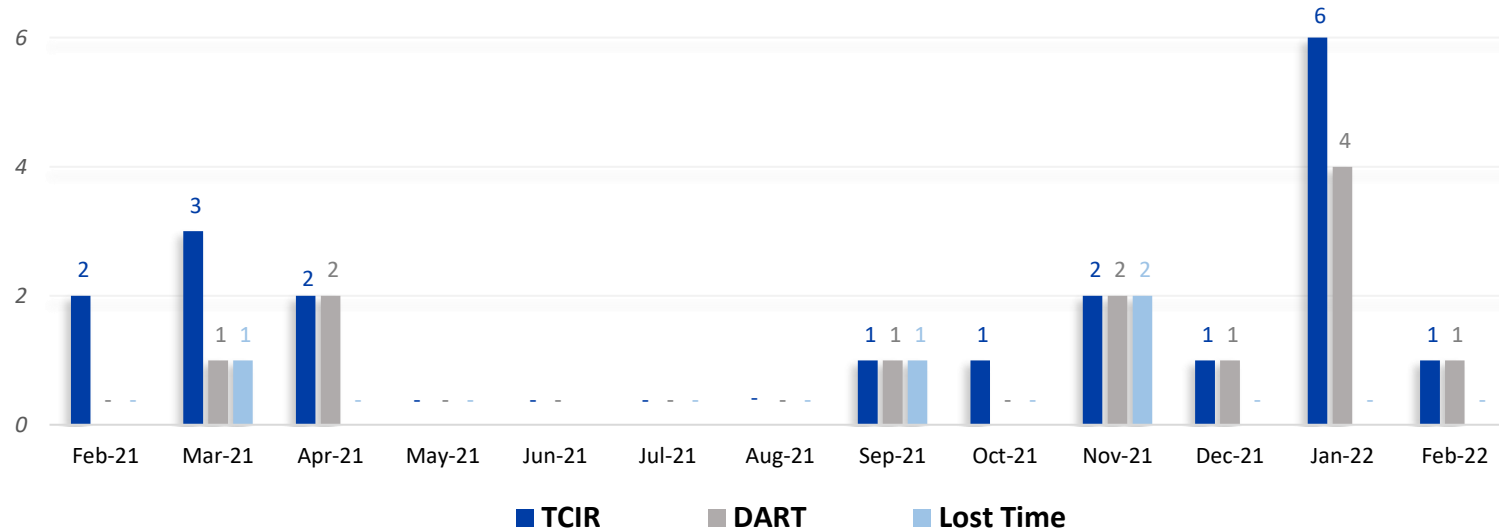
March 24, 2022

Safety & Technical Training

Personal Incidents

Reportable Injuries, Days Away, and Lost Time Incidents

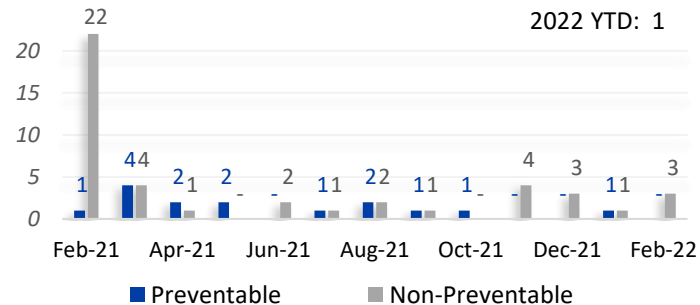
2021 YTD: DART Days - 54, Lost Time - 0
 2022 YTD: DART Days - 73, Lost Time - 0



Vehicle Incidents

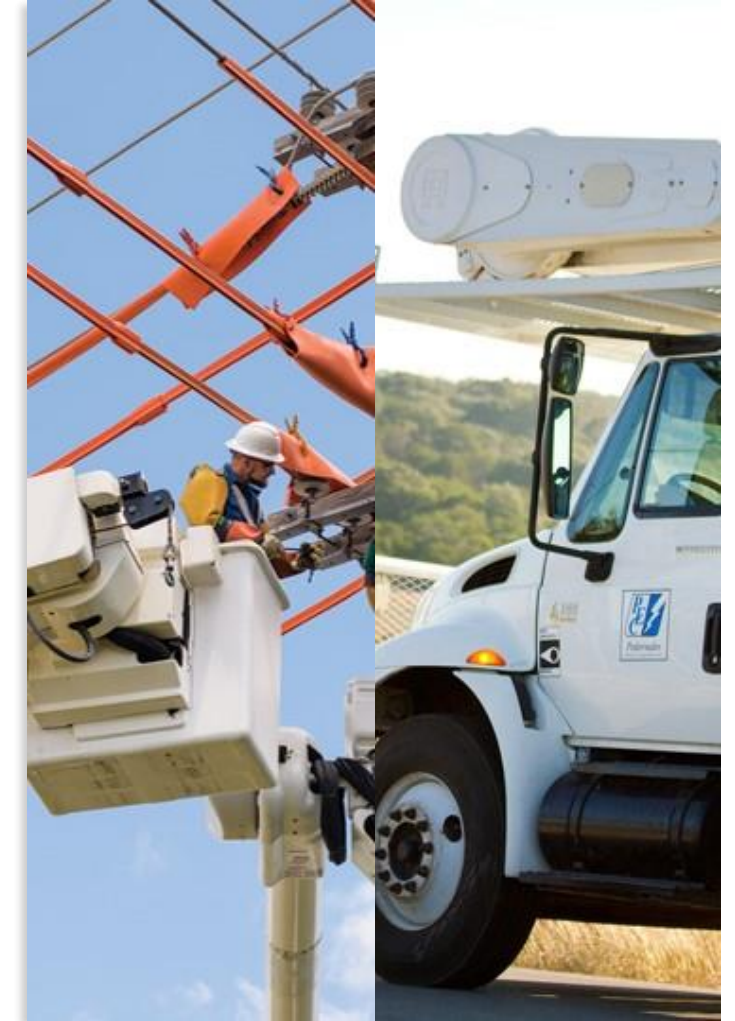
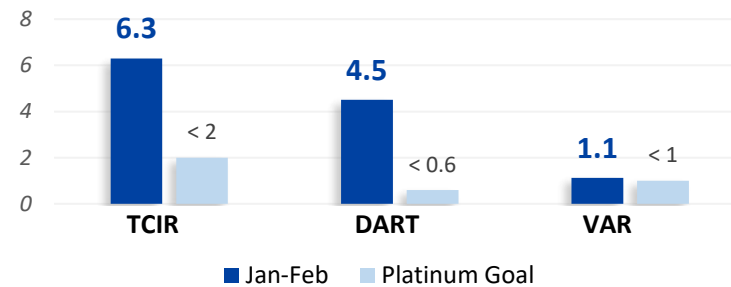
Preventable & Non-Preventable

Preventable:
 2021 YTD: 1
 2022 YTD: 1



KPI Progression

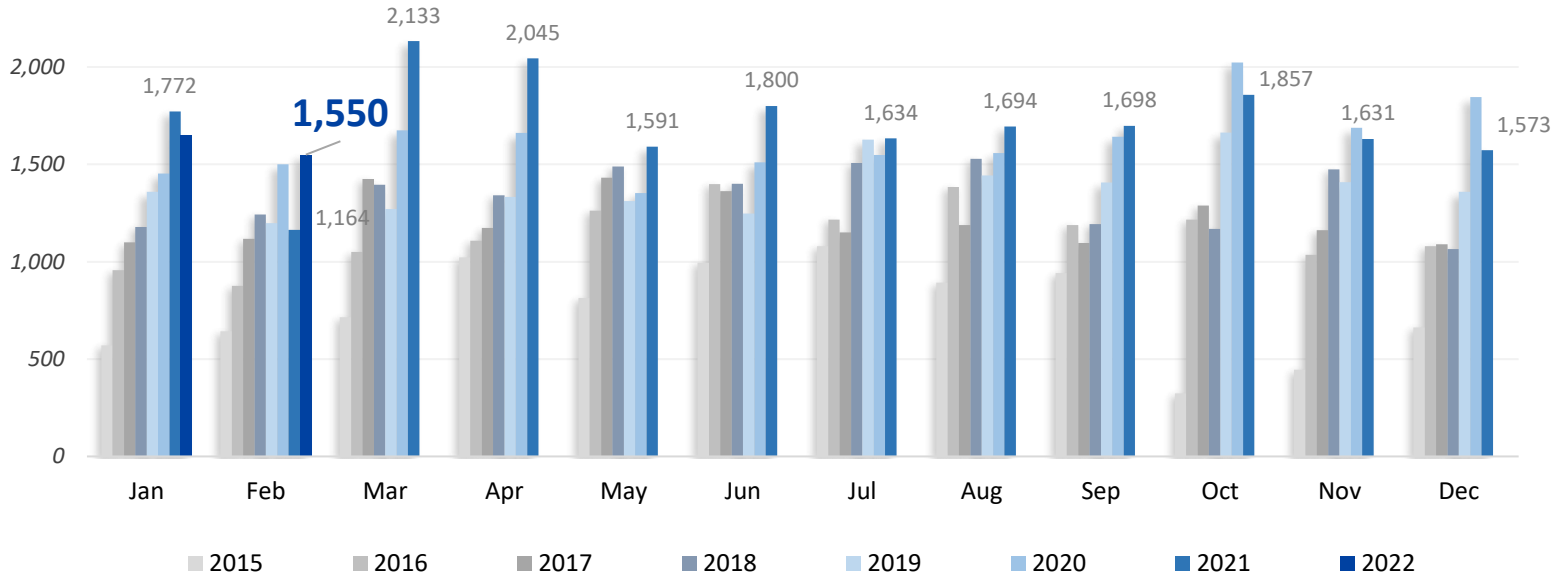
2022 Period One



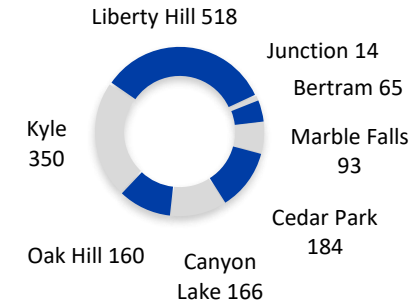
System Growth

Line Extensions Completed

2019: 16,640 2020: 19,458 2021: 20,592 2022 YTD: 3,202



Line Extensions Per District (1,550)

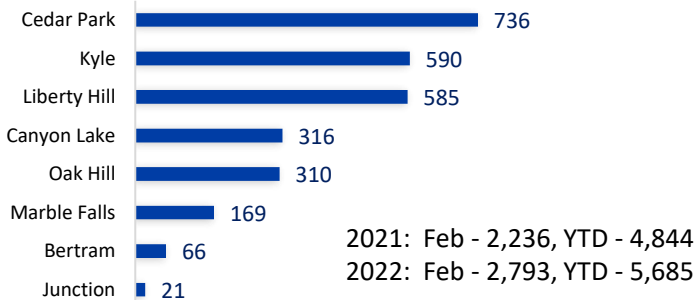


Miles of Distribution Line:

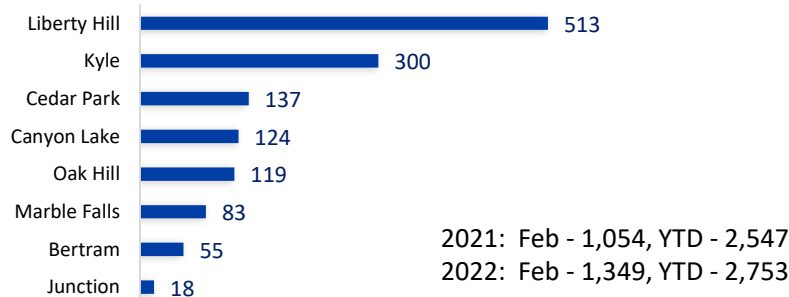
Underground: 6,430 (27%)
 Overhead: 17,478 (73%)
 Total: 23,908



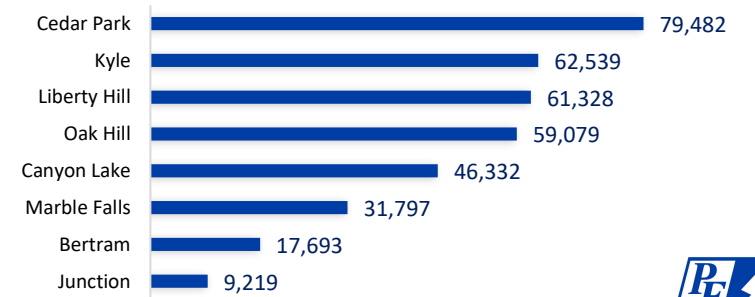
Member Growth (2,793)



Meter Growth (1,349)

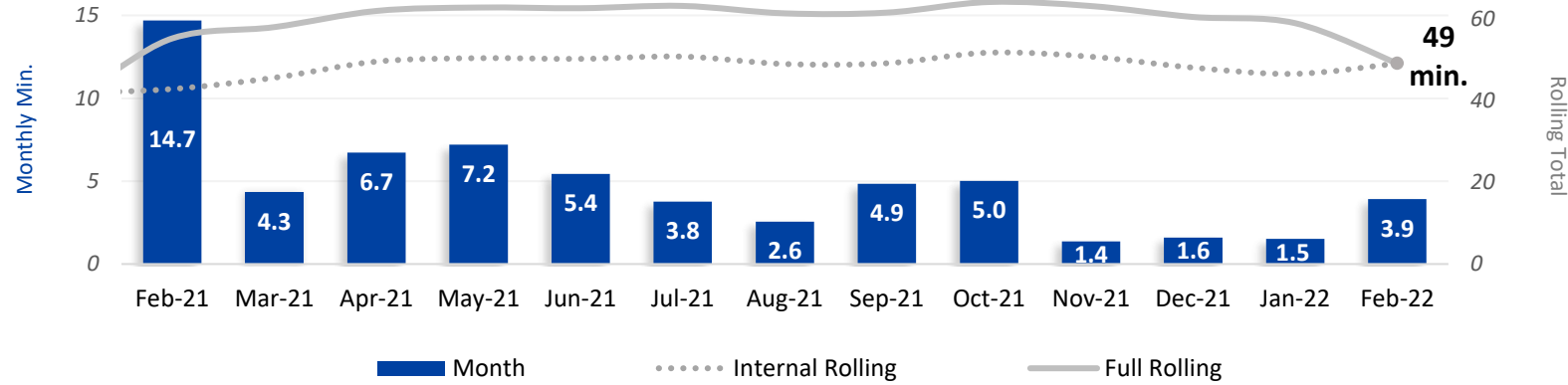


Meter Totals (367,469)

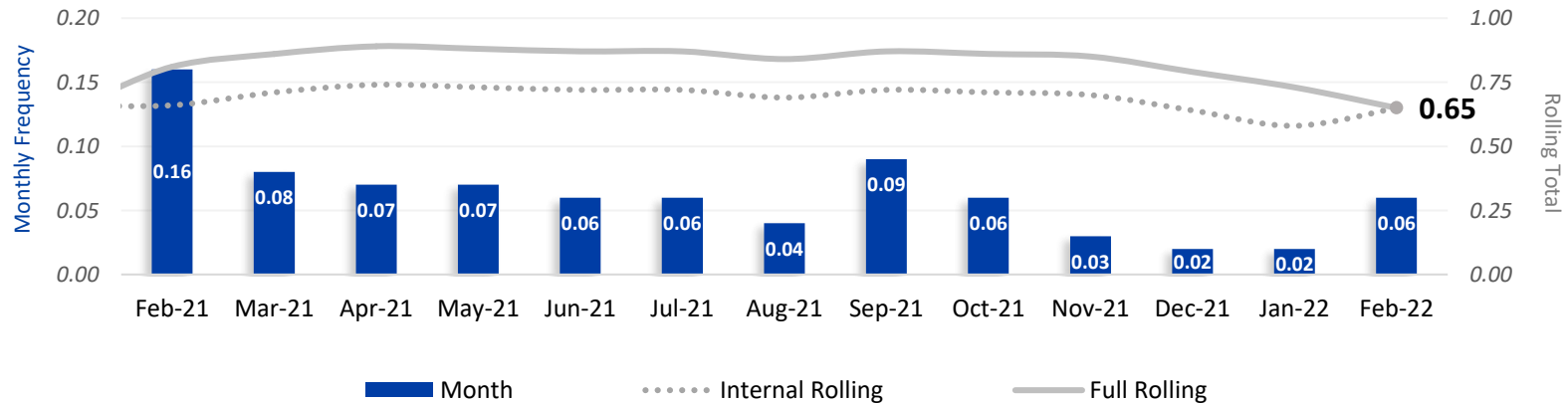


Reliability

System Average Interruption Duration Index (SAIDI)



System Average Interruption Frequency Index (SAIFI)

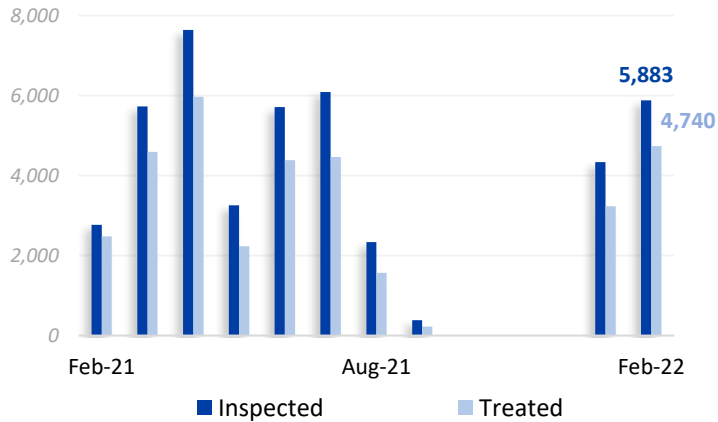


System Maintenance

Pole Testing & Treatment (PTT)

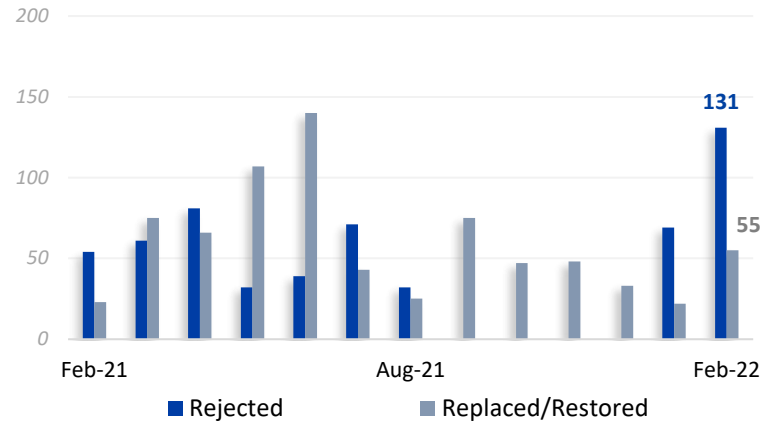
Poles Inspected & Treated

2021 YTD: Inspections - 8,331, Treated - 7,069
 2022 YTD: Inspections - 10,214, Treated - 7,971



Poles Rejected & Replaced/Restored

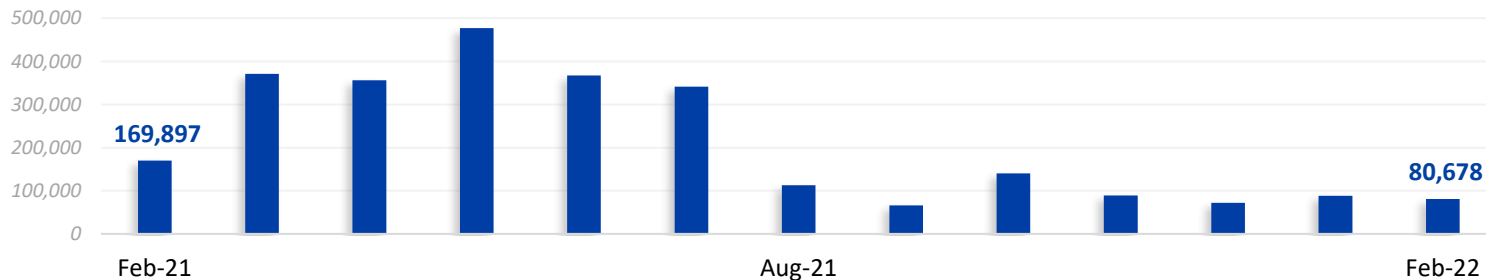
2021 YTD: Rejected - 310, Restored - 174
 2022 YTD: Rejected - 200, Restored - 77



Vegetation Management

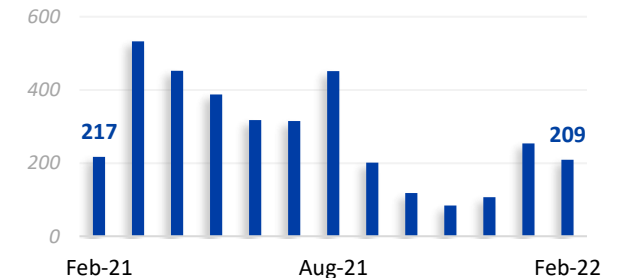
Vegetation Pruned (Ft.)

2021 YTD: 450,363 ft. Feb. Miles Pruned: 15 mi.
 2022 YTD: 169,253 ft. Feb. Locations Worked: 722



URD Pad Restorations

2021 YTD: 672
 2022 YTD: 463

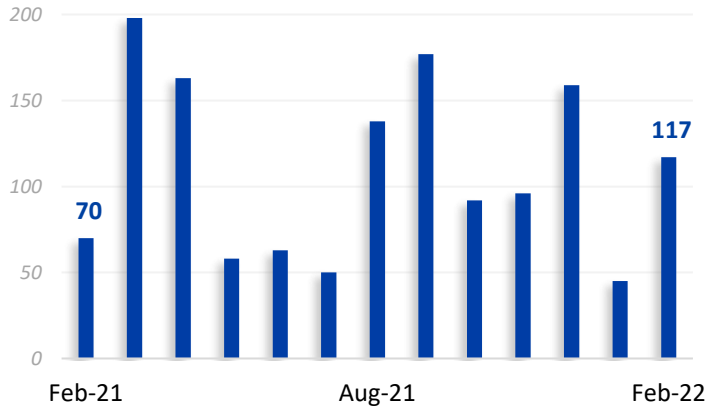


System Maintenance

Technical Services

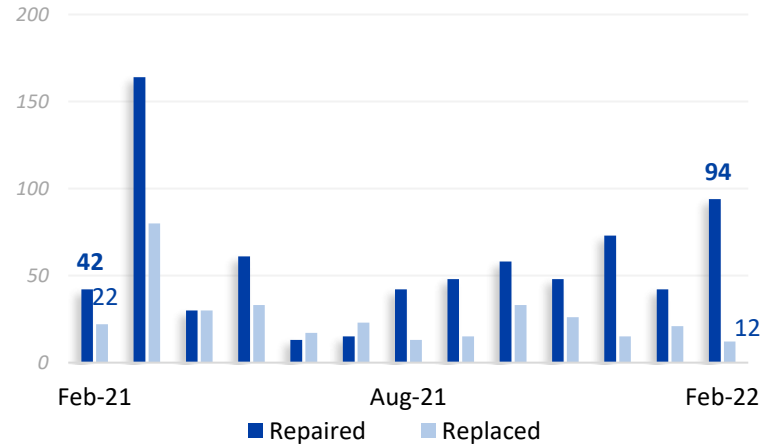
Equipment Inspections

2021 YTD: 234
2022 YTD: 162



Equipment Repaired & Replaced

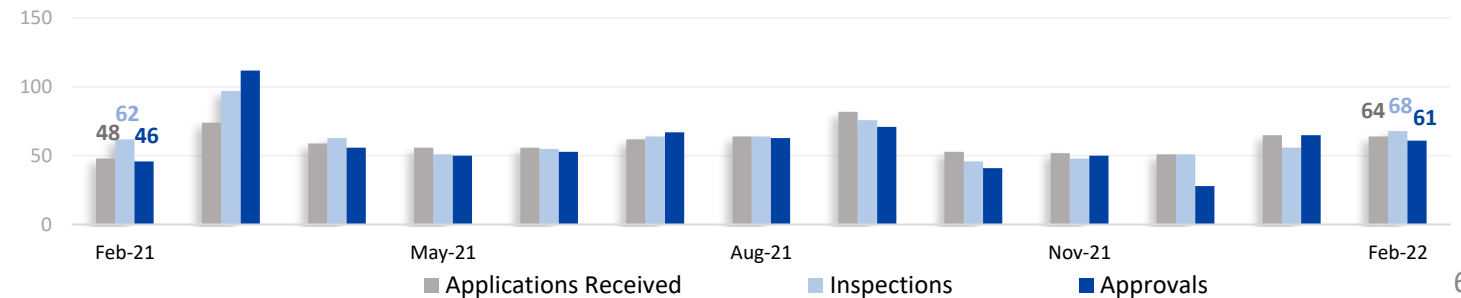
2021 YTD: Repaired - 78, Replaced - 55
2022 YTD: Repaired - 127, Replaced - 33



Pole Contacts

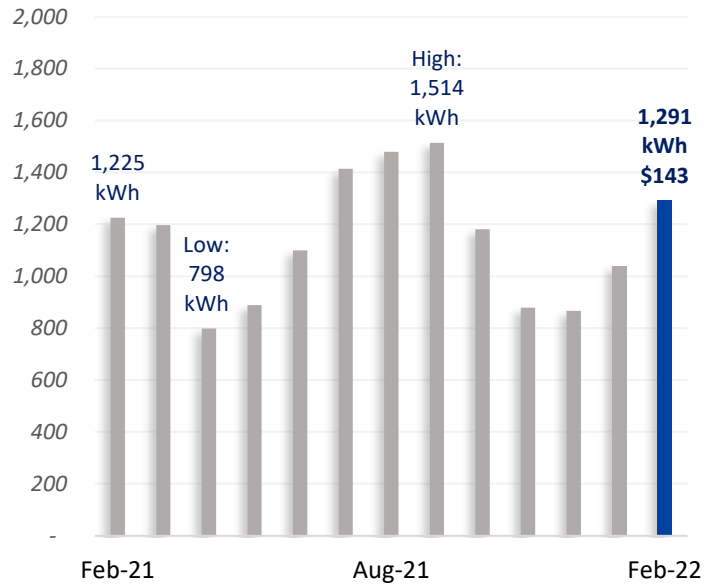
Applications Received & Permits Issued

2021 YTD: Received - 110, Inspected - 122, Approved - 109
2022 YTD: Received - 129, Inspected - 124, Approved - 126



Member Relations

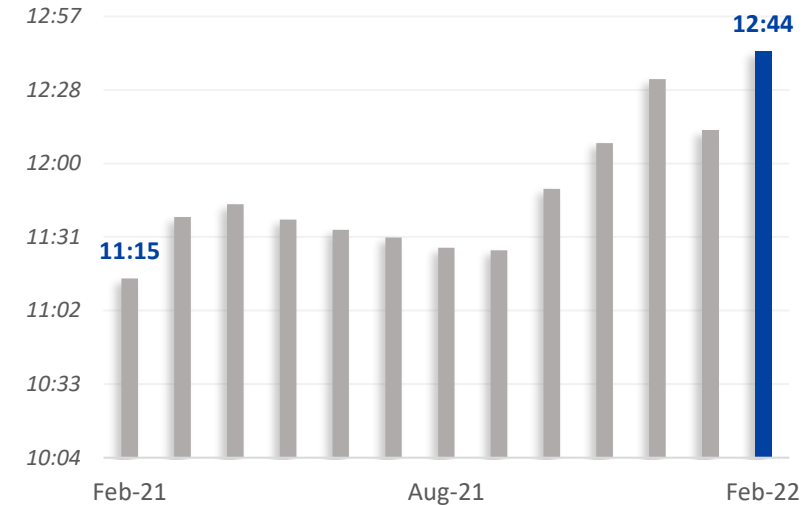
Average Residential Usage



Member Contacts

Average Handle Time

Feb. Phone Contacts: 25,951
Feb. Office Contacts: 6,053

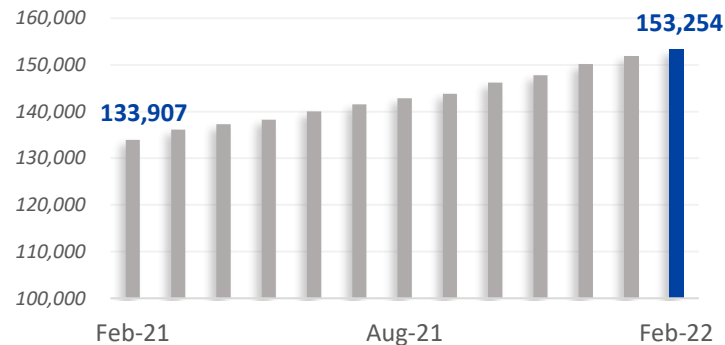


Contact Types

2021: 419,277 Contacts

Main Contact Types	Feb. Totals	
Service Request	8,021	26%
Payment	6,846	22%
Billing Inquiry	4,616	15%
Payment Arrangement	2,634	8%
Account Update	1,857	6%
Autopay Deposit Waiver	1,531	5%

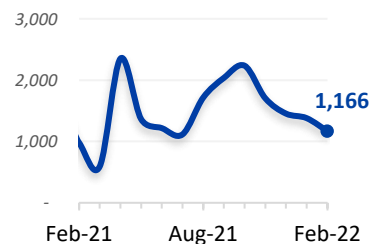
Paperless Enrollments



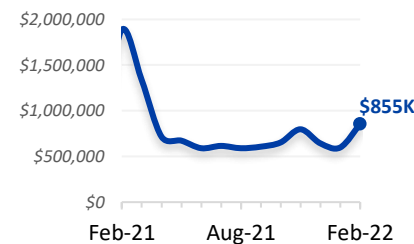
Collections

7 days with no collection activity due to weather

Remote Disconnects

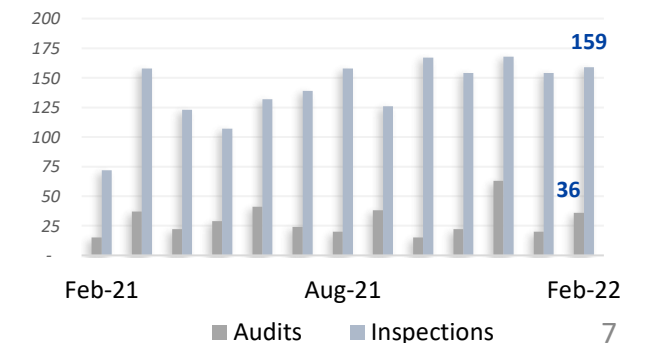


Aged Balances



Energy Services

2021 YTD: Audits - 51, Insp. - 196
2022 YTD: Audits - 56, Insp. - 313



Transmission Projects

Projects Completed:

- **Whitestone - Blockhouse – Leander** line upgrade (*Cedar Park*):
 - Completed line construction between Blockhouse and Leander.

Projects in Construction:

- **Wirtz to Flatrock to Paleface** (*Marble Falls*):
 - 17 miles, increases clearance over Lake Marble Falls, completes the overhaul begun in 2018, and increases capacity of transmission line to 440 MVA as part of Wirtz RAS exit strategy.
 - Construction to continue through Spring 2022.
- **Whitestone - Blockhouse – Leander** line upgrade (*Cedar Park*):
 - 5.25 miles, rebuild existing 138 kV line to 440 MVA capacity.
 - Finalizing supplemental easements. Completion scheduled for Q2 2022.



Transmission Projects

Projects in Engineering:

- **Marshall Ford to Trading Post to Cedar Valley to Friendship to Rutherford** (*Oak Hill*):
 - 15.41 mi., analysis shows a need to replace structures to meet current NESC requirements.
 - ERCOT RPG review under way, construction expected to begin in Q3 2022.
- **Dripping Springs to Rutherford Relocation** (*Oak Hill*):
 - On hold pending direction from developer and resolution of complaint filed at PUCT.
- **Lago Vista to Nameless to Leander Transmission Overhaul** (*Cedar Park and Liberty Hill*):
 - Coordinating with Substation Design for cut-in to Hero Way Substation.
- **Sattler to Fischer** (*Canyon Lake*):
 - Raise crossing over Canyon Dam discharge channel.
 - U.S. Army Corps of Engineers granted extension of permit for existing facilities through Jan. 2023.
 - Scope and estimate being developed to request budget.
- **Miller Creek to Henly** (*Oak Hill*):
 - Respacing between shield wire and conductor to reduce outage vulnerability during extreme weather.
 - Scope and estimate being developed to request budget.



Substation Projects

Projects Completed:

- **138KV Circuit Switcher Upgrades** (*Various districts*):
 - Construction at each location (7) to replace end-of-life transformer circuit switchers.
 - Completed Dec. 2021.
- **Andice to Pipeline to Seward Junction Remote Ends** (*Liberty Hill*):
 - Supporting transmission line upgrade project by upgrading and adding line relay panels.
 - Completed Dec. 2021.
- **Graphite Mine** (*Bertram*):
 - LCRA project to install new switch yard at to PEC substation with new 138KV ring bus and breakers.
 - During LCRA's project PEC replaced T1 circuit switcher.
 - PEC mobile supported load during the project.
 - Completed PEC's portion Dec. 2021.
- **Blockhouse & Leander Remote Ends** (*Leander*):
 - Supporting line upgrade of T326 with switch replacements and line relay panel upgrades.
 - Completed Jan. 2022.



Substation Projects

Projects in Construction:

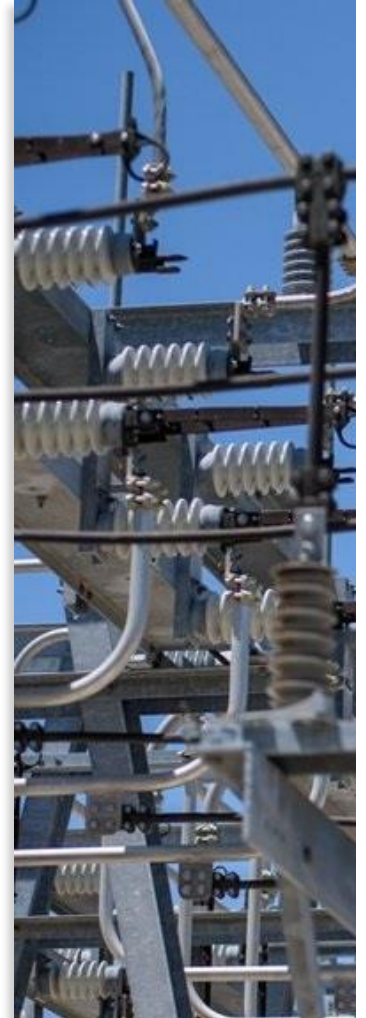
- **Whitestone Bus Upgrade & T469 Remote Ends (Cedar Park):**
 - Upgrade 138KV Bus to 2000 Amp and terminal upgrades to support T469 line upgrade.
 - Whitestone – 138KV Bus upgrade to 4” pipe, switch and line relay panel replacements.
 - Blockhouse – 138KV switch replacements and line relay panel upgrades.
 - Scheduled completion in May 2022.
- **Wirtz to Flatrock to Paleface (Marble Falls):**
 - Supporting transmission line upgrade project.
 - Wirtz - 138KV breaker replacements, line relay, and breaker failure panel replacements.
 - Flatrock - 138KV breaker and line relay panel additions.
 - Paleface - 138KV Bus reconfiguration, 138KV switch replacements, and new line relay panels.
 - Completion in Apr. 2022.
- **Substation Satellite Clock Installations (Various Locations):**
 - Time synchronization for digital relays.



Substation Projects

Projects in Engineering:

- **Mobile Substation Upgrades:**
 - Mobile #1: Upgrade circuit switcher to 40KA and 25 KV breaker and relaying to SEL digital protection relays.
 - Mobile #2: Upgrade circuit switcher to 40KA and SEL digital protection relays.
 - Mobile #3: Upgrade circuit switcher to 40KA.
- **138KV Breaker Upgrades:**
 - Sattler: Upgrade OCBs 5580 & 5590 to SF6 Gas Breakers.
 - Cranes Mill: Upgrade OCBs 8580 & 8590 to SF6 Gas Breakers.
 - Buttercup: Upgrade 138KV Operating Bus to Double Breaker/Double Bus configuration.
 - Marshall Ford: CBs 8020, 9170, & 9180. Replace control cables.
- **Copperas Cove Addition:**
 - Addition of T1 25KV Total Main Breaker.
- **Hero Way:** New Substation.
- **Seward Junction:** T3 Addition.
- **Kyle:** T1 Upgrade to 46.7 MVA.

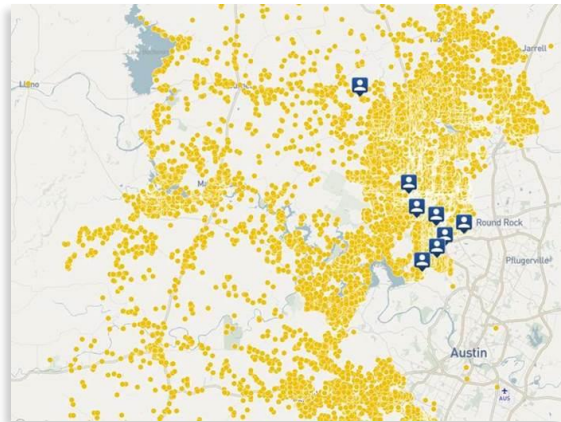


AMI Distribution

- The Project is **30%** complete overall.
- Exchanges have been paused in the Eastern territory due supply shortages:
 - Global component shortages from Sep. 2021 – Sep. 2022.
 - Project has transitioned to the Junction District to upgrade TWACS meters.

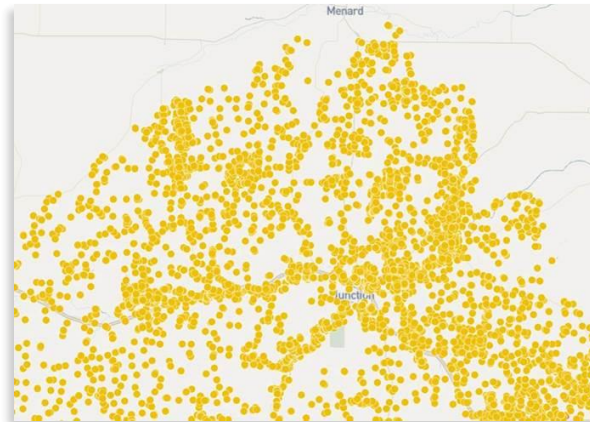
Eastern Territory Exchanges

- Liberty Hill District: 100%
- Cedar Park: 39%
- Meters Exchanged: 105,000
- Letters & Emails: 166,000
- Member Opt-Outs: 51



Western Territory Exchanges

- Junction Exchanges: 75%
- Meters exchanged: 5,000
- Letters & Emails: 6,500
- Member Complaints: 7



Allegiant Flyer

A flyer for Allegiant Utility Services. The flyer features a blue and green color scheme with a white house silhouette in the background. The text on the flyer reads: "On behalf of Pedernales Electric Cooperative, Allegiant Utility Services needs to change your electric meter. Please call us to make an appointment." Below this is the Allegiant Utility Services logo. The text continues: "An Allegiant technician came to change your meter but could not gain access. The process takes less than five minutes and the residence may be without power during that time." It then provides the phone number "888-502-1845" and a "DATE VISITED" field. At the bottom, there is a logo for P.E.C. and the text "Learn more at pec.coop/AMI." and "(STICKER HERE)".

On behalf of Pedernales Electric Cooperative, Allegiant Utility Services needs to change your electric meter. Please call us to make an appointment.

Allegiant
UTILITY SERVICES

An Allegiant technician came to change your meter but could not gain access. The process takes less than five minutes and the residence may be without power during that time.

Call us for an appointment
888-502-1845

DATE VISITED _____

 Learn more at pec.coop/AMI.

(STICKER HERE)

Cooperative Lighting Services

PEC began its Lighting Services contract with NextEra Energy Solutions in Nov. 2021.

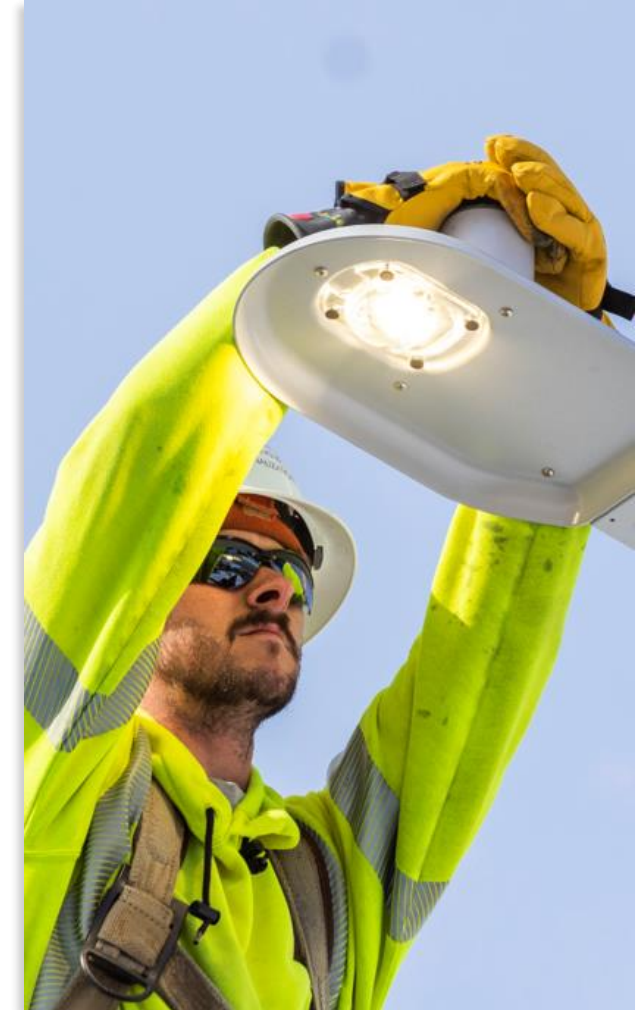
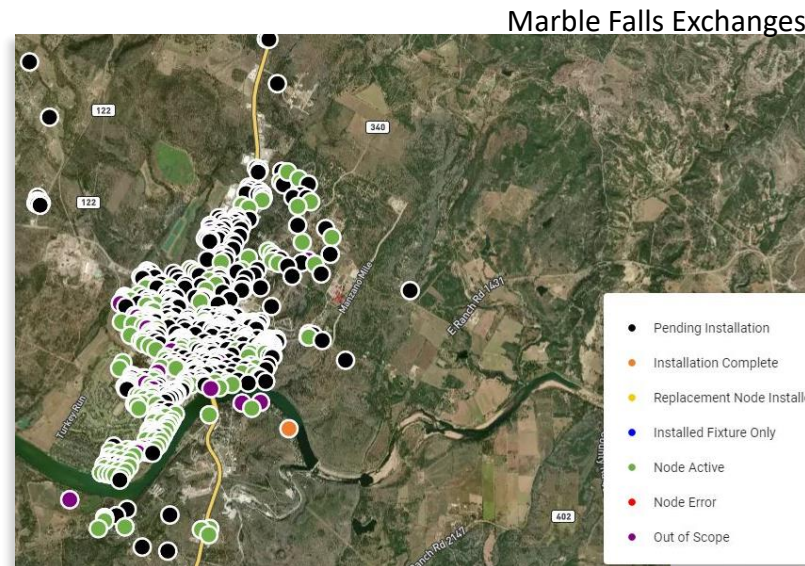
Approximately 30,000 cooperative-owned street and roadway lights in the Eastern territory will be replaced to new, energy-efficient, LED lighting.

The lighting services project additionally includes:

- Smart controls providing enhanced outage detection and advanced system management.
- Converting all PEC owned lights into Dark Sky friendly fixtures.
- Complete audit of all PEC owned lights.
- Updated PEC mapping system.

Progress - Exchanges through February:

- Lights Audited : 15,923
- Lights Replaced: 3,089



Facilities

Cedar Park Access

The general contractor has mobilized and begun construction. The TxDOT spoils pile has been removed. The driveway sub-grade has been cut and concrete forms are being installed. Trenching for IT and utilities has been completed.

Dripping Springs Renovation

Renovations as are complete from a water leak in the slab around the kitchen and bathroom areas, existing finishes were replaced.

Johnson City Service Center Security Gate

Driveway widening and security gate upgrade at the Haley Rd site is complete. This project aligned the driveway with the city street for improved sight-lines and safety; added a second gate for improved ingress and egress; and improved security equipment to allow the gates to remained closed.

Kyle Fleet Building & Warehouse

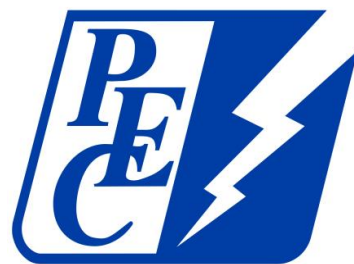
The project has been completed and turned over to the district for use.

Leander Development

Building construction is in progress and on schedule.

Marble Falls Training Center

Completed construction for additional restrooms.



pec.coop