



Operations Report

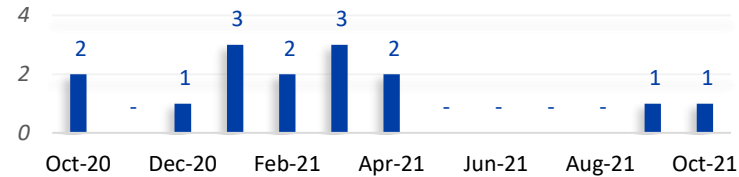
Eddie Dauterive | Chief Operations Officer

November 17, 2021

Safety & Technical Training

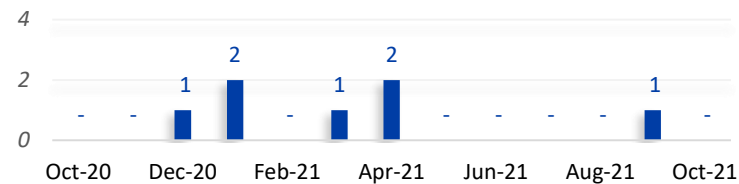
Personal Incidents

Reportable Incidents (TCIR) - All work-related injuries or illnesses.



Oct: 1
YTD: 12

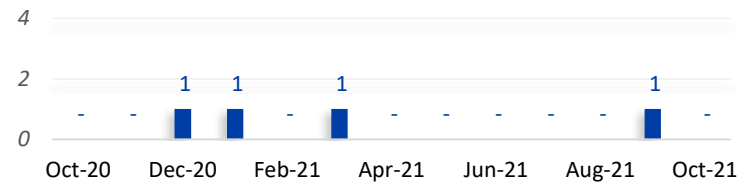
Days Away, Restricted, or Transfer (DART) - Incidents causing restricted duty where the employee can perform another activity without missing days.



Oct: 0
YTD: 6

Days Restricted: 2020 YTD - 316 2021 YTD - 402

Lost Time - Incidents that result in an employee missing work due to an injury.

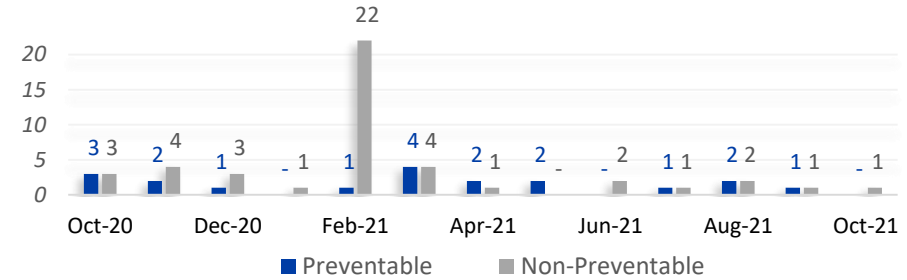


Oct: 0
YTD: 3

Lost Time Days: 2020 YTD - 0 2021 YTD - 159

Vehicle Incidents

Preventable & Non-Preventable Vehicle Accidents



Preventable:

Oct: 1

YTD: 14

Non-Preventable:

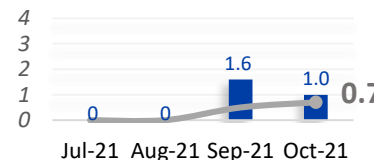
Oct: 0

YTD: 34



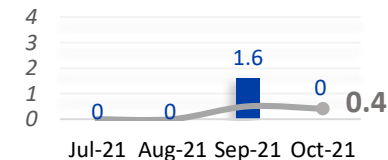
KPI Progression – 2021 P2

TCIR



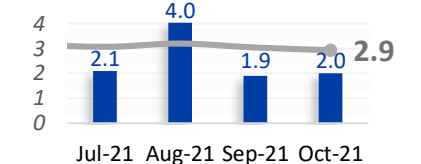
Platinum: ≤ 2.0

DART



Platinum: ≤ 0.6

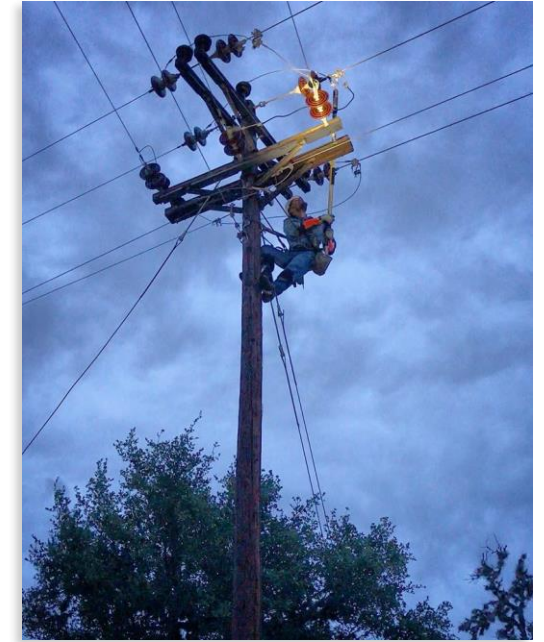
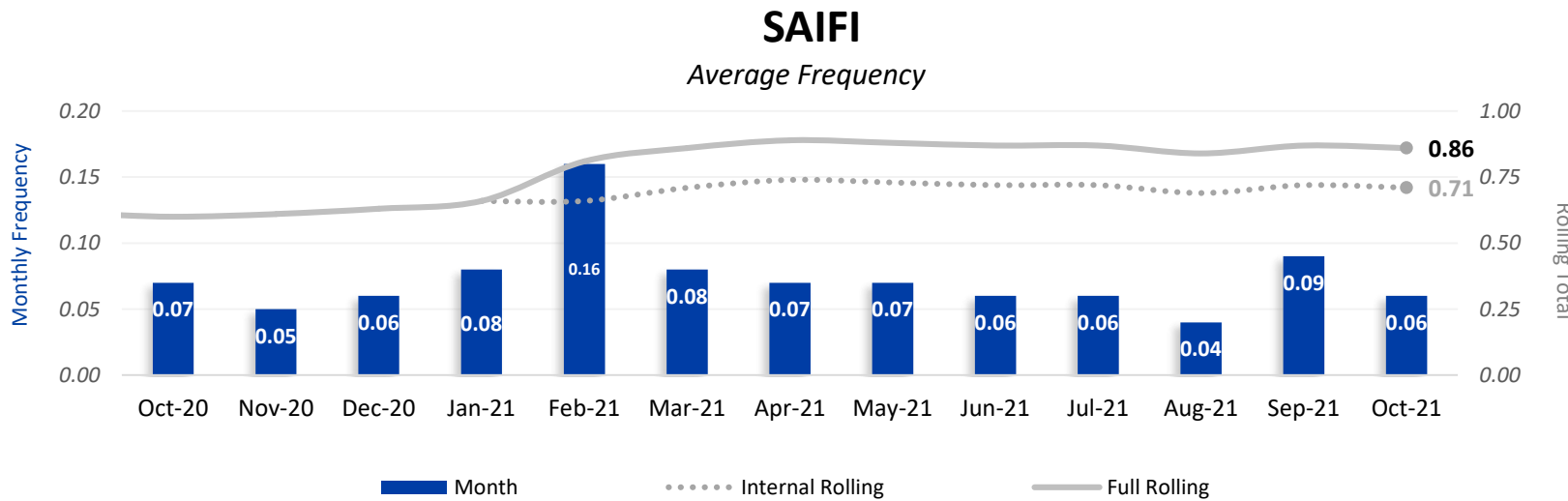
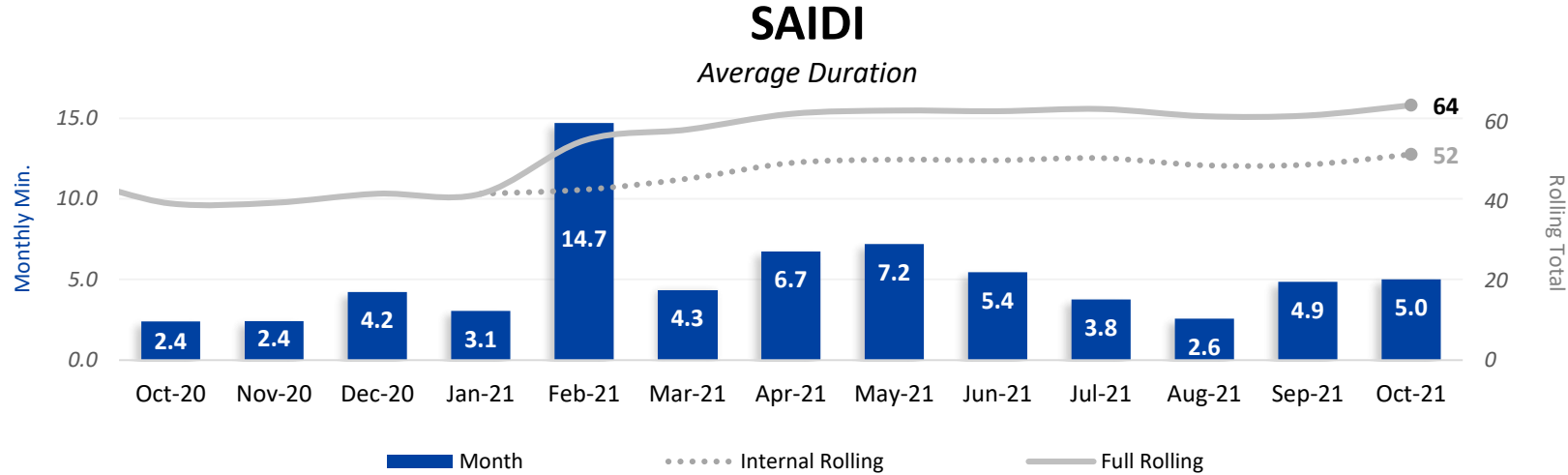
Vehicle Incident Rate



Platinum: ≤ 1.0

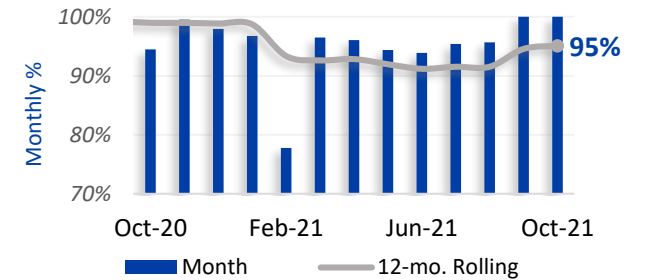


Reliability



Estimated Time of Response (ETR)

% of Outages with ETR Provided



2021 GridEx Event

The NERC's Electricity Information Sharing and Analysis Center (E-ISAC), is conducting its 6th biennial **Grid Security Exercise (GridEx)** on Nov. 16 - 17 of this year.

GridEx is a nation-wide, grid security exercise for simulated cyber and physical attacks that affect operation of the grid. A growing event, over 520 utilities participated in 2019.

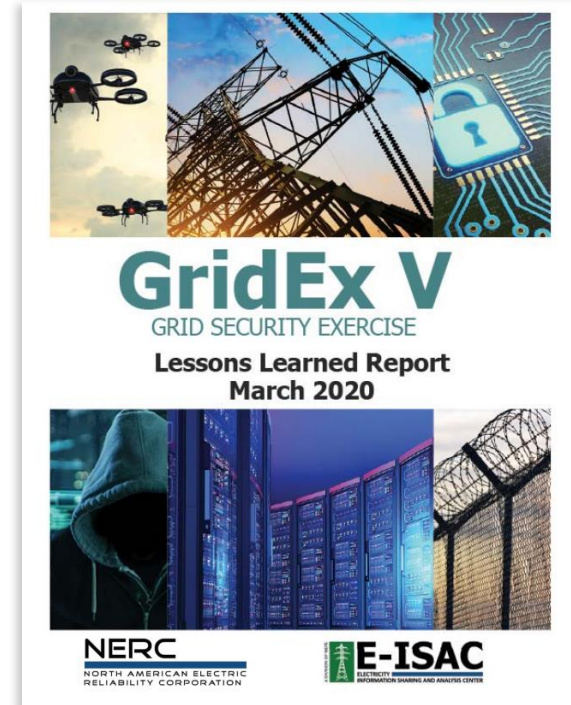
This exercise gives participants a forum to:

- Demonstrate responses to coordinated threats.
- Strengthen crisis communication relationships.
- Provide feedback for lessons learned during exercises.

Examples of simulated scenarios with table-top Exercises:

- Cyber attacks targeting utility control systems.
- Physical attacks targeting key electricity generation and transmission facilities.
- Response actions and coordination efforts of many organizations, including electric utilities and other key critical infrastructure sectors, supply chains, the E-ISAC, law enforcement, and government agencies.

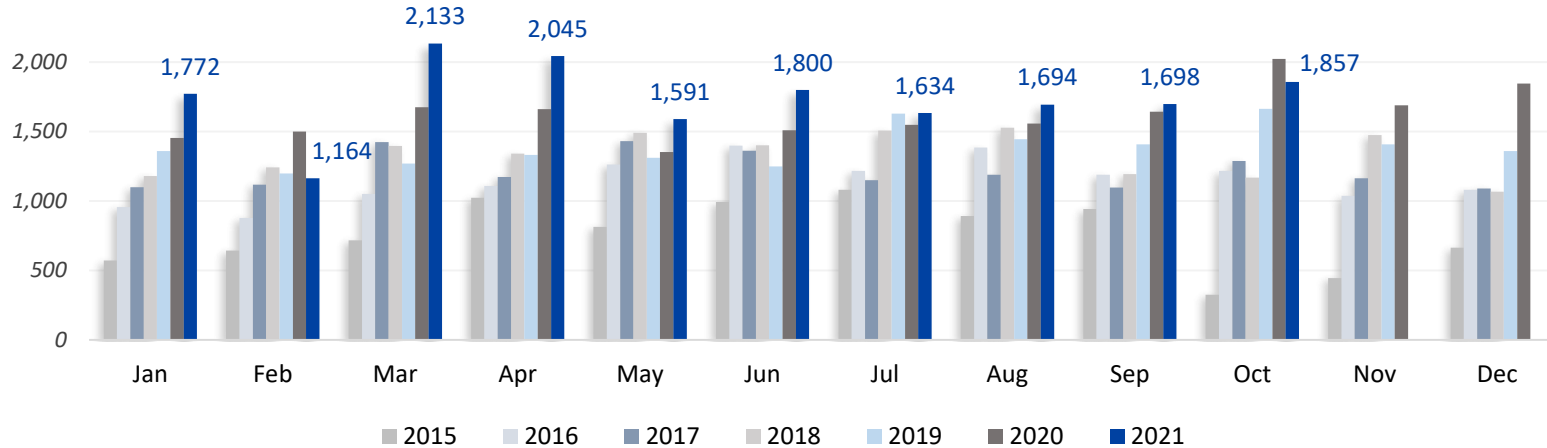
Lessons learned from this event will be coordinated into upcoming EOP drills and emergency response planning.



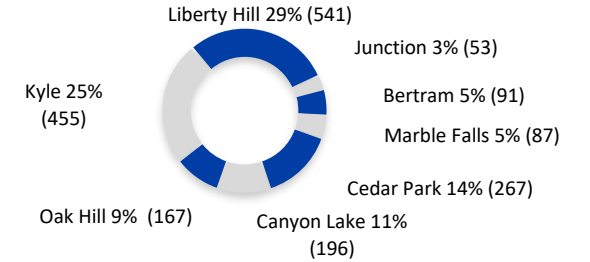
System Growth

Monthly Line Extensions

2019: 16,640 2020: 19,458 2021 YTD: 17,388



Line Extensions by District (1,857)

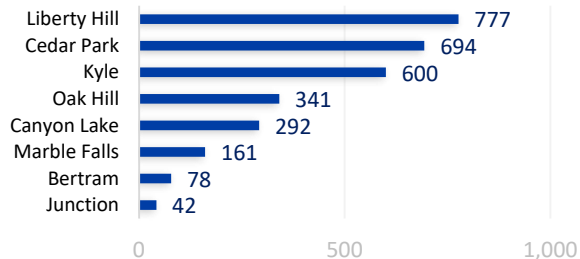


Miles of Distribution Line:

Underground: 6,307 (26%)
Overhead: 17,438 (74%)
Total: 23,745

New Member Applications

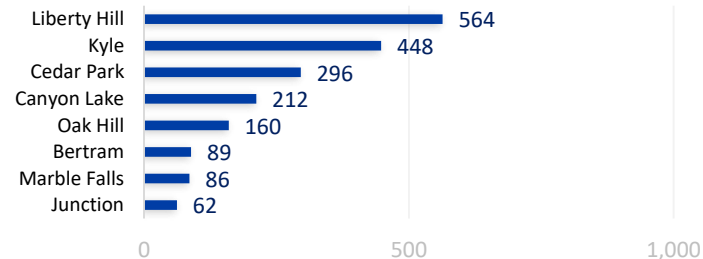
2021: Oct – 2,985, YTD – 34,830



2020: Oct – 2,202, YTD – 28,686

Meter Growth

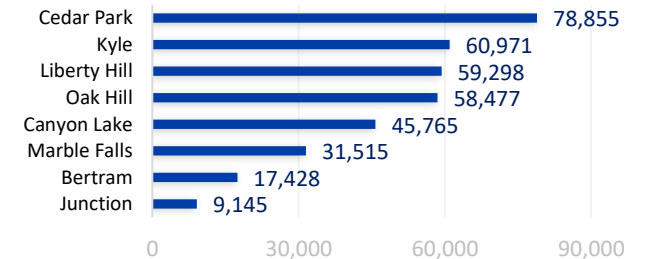
2021: Oct – 1,914, YTD – 15,365



2020: Oct – 1,645, YTD – 14,260

Meter Totals

2021: Oct – 361,454



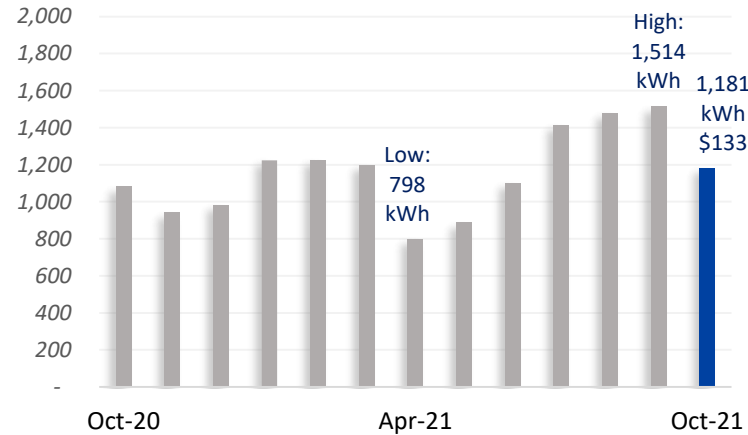
2020: Oct – 342,066

Member Relations

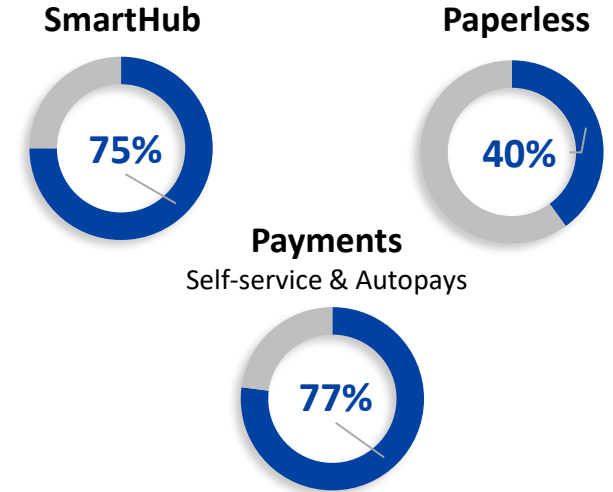
Notes:

- Significant drop in average residential usage from September.
- Member Relations initiated a campaign to increase paperless enrollments, added >700 in 1st week, will continue through November.
- Aged balances are performing very well for late summer usage.

Avg Residential Usage



Self-Service Enrollments

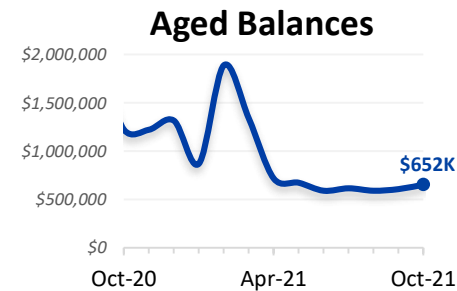
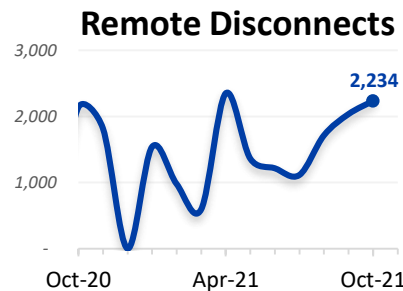


Contact Types

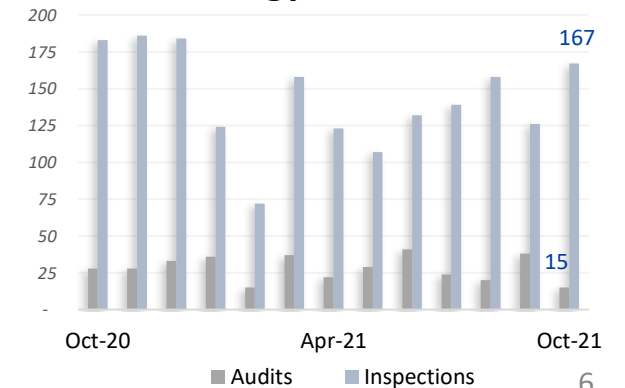
Main Contact Types	Oct. Totals	
Service Request	9K	25%
Payment	7K	20%
Billing Inquiry	5K	13%
Payment Arrangement	3K	8%
Account Update	2K	6%
Autopay Deposit Waiver	2K	5%

Collections

4 Days of No Collection Activity



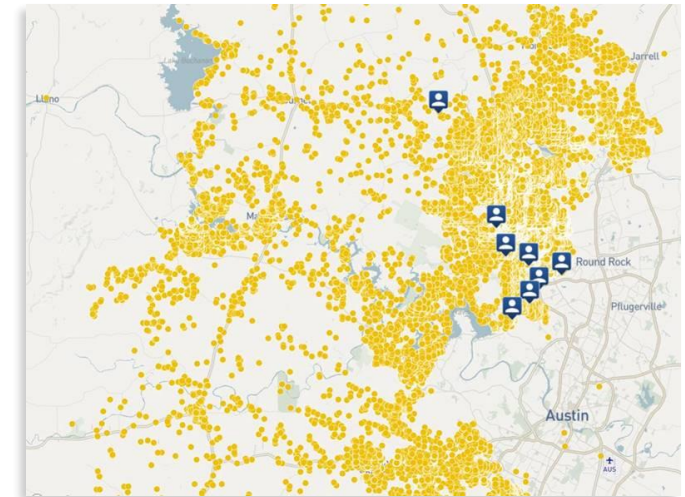
Energy Services



AMI Distribution Update

- Project is **27%** complete overall – exchanges are ongoing in the Cedar Park district.
- Completed all exchanges in the Liberty Hill district, and all large power exchanges in the eastern territory.
- The Member Communication Plan is on track, with 5-week advanced notice to members. As of Nov. 1st:
 - Meters Exchanged: 94,000
 - Meters delivered or shipped: 132,000
 - Letters distributed: 91,000
 - Emails delivered: 75,000
 - Automated calls completed: 87,000
 - Members opting out: 48
- Meter supply delay Sep. 2021 – May 2022, due to global component shortages.
 - Will pause exchanges beginning in November to safeguard current inventory and cover natural account growth and service requests.
 - To evaluate future meter supply in 1st Qtr 2022 and adjust deployment as necessary.
 - During this delay period, will transition efforts to Junction and upgrade TWACS meters.

Liberty Hill & Cedar Park Exchanges



Engineering

Transmission Project Updates

- **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.
 - Provided structure coordinates to Engineer for highway bridge design.
 - Supplemental easement rights being acquired through 2021.
 - Foundation installs started on weekly outages, construction to continue through Spring 2022.
- **Buda - Turnersville line Relocation for TxDot** (*Kyle*):
 - Relocating two structures for FM 2001 extension.
 - Completed in Sep. 2021.
- **Andice to Pipeline to Seward Junction Fiber Addition** (*Liberty Hill*):
 - 8.4 miles, replaces Shield Wire with OPGW in coordination with breaker addition at Pipeline.
 - Replacing 1 pole and the existing shield wire with OPGW.
 - Construction started in Oct. 2021.
- **Whitestone - Blockhouse - Leander line upgrade** (*Cedar Park*):
 - 5.25 miles, rebuild existing 138 kV line to 440 MVA capacity.
 - Contractor mobilized, construction starting.
 - Finalizing supplemental easements.
 - Completion scheduled for Q2 2022.



Engineering

Transmission Project Updates

- **McCarty Lane to Hunter** (*Kyle*):
 - Conductor upgrade in conjunction with LCRA TSC upgrade of McCarty Lane to RR12.
 - Removed existing conductor in Oct. 2021.
 - Completion anticipated for Q4 2021.
- **Marshall Ford to Trading Post to Cedar Valley to Friendship to Rutherford** (*Oak Hill*):
 - 15.41 miles, structural analysis shows a need to replace structures to meet current NESC requirements. Investigating alternative conductors to limit scope of structure replacement.
 - Power Engineers began detailed design for Marshall Ford to Trading Post section in Apr. 2021.
 - Construction expected to begin in Q3 2022.
- **Dripping Springs - Rutherford** relocation (*Oak Hill*):
 - Construction on hold.
- **Lago Vista to Nameless to Leander Transmission Overhaul** (*Cedar Park and Liberty Hill*):
 - Engineering continuing.
 - Coordinating with Substation Design for cut-in to Hero Way Substation.



Engineering

Substation Project Updates

- **Wirtz to Flatrock to Paleface** (*Marble Falls*) – Substation construction at each location to support 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.
 - Construction begins in Sep. 2021.
 - Substation Maintenance commissioning at all locations begins Mar. 2022.
 - Completion in Apr. 2022.
- **Andice to Pipeline to Seward Junction** (*Liberty Hill*) — Substation construction at each location to support transmission line upgrade project.
 - **Andice** - Line relay panel will be converted to line differential scheme.
 - **Pipeline** - 138KV Ring Bus, breaker and line relay panel additions.
 - **Seward Junction** – Line relay panel upgrade to line differential scheme.
 - 138KV Ring Bus at Pipeline construction began Sep. 2021.
 - Substation Maintenance commissioning at all locations begins Nov. 2021.
 - Project complete by Dec. 2021.
- **Sattler** (*Canyon*) — 138KV switch replacement/upgrade to 2000 amps.
 - Substation Maintenance installed PEC mobile for support load during project.
 - Construction started in Sep. 2021.
 - Completed in Oct. 2021.



Engineering

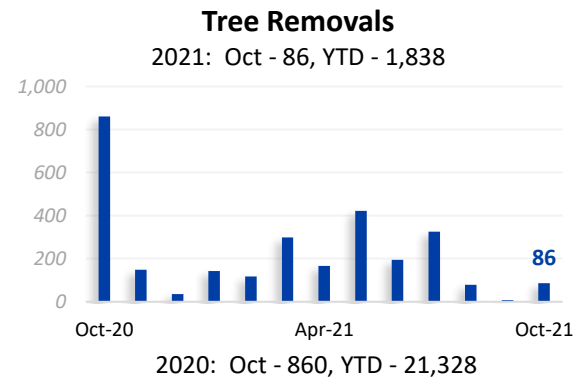
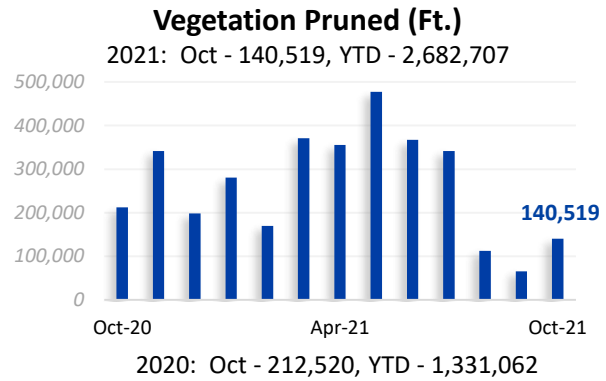
Substation Project Updates

- **Whitestone to Blockhouse to Leander (Cedar Park)** — Substation construction at each location to support transmission line upgrade project.
 - **Whitestone** – 138KV Bus upgrade to 2000 amps, 138KV switch replacements and line relay panel replacements for line differential implementation.
 - **Blockhouse** – 138KV switch replacements and line relay panel upgrade to line differential scheme.
 - **Leander** – Line panel will be converted to line differential scheme.
 - Construction begins in Dec. 2021.
 - Substation Maintenance commissioning at all locations begins in Mar. 2022.
 - Scheduled completion in Apr. 2022.
- **Bergheim (Canyon)** — Upgrade 22.4 MVA power transformer to 46.7 MVA:
 - Construction began in Jul. 2021.
 - Substation Maintenance commissioning began in Oct. 2021.
 - Complete in Nov. 2021.
- **Graphite Mine** — Fall 2021 LCRA project to install new 138KV switch yard adjacent to PEC substation consisting of new 138KV Ring Bus & Breakers (*Bertram*):
 - During LCRA's project PEC will replace T1 circuit switcher.
 - PEC mobile will support load during the project.
 - Completion of PEC's portion in Dec. 2021.

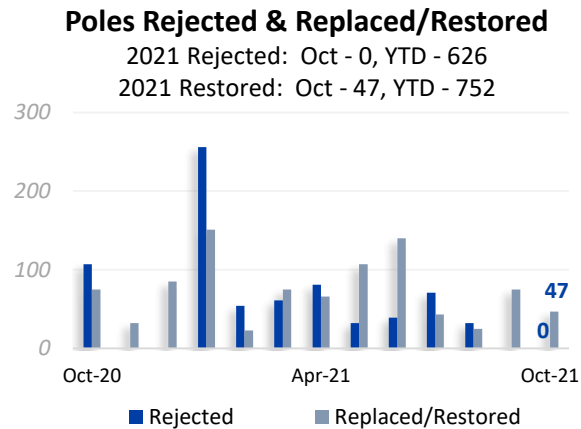
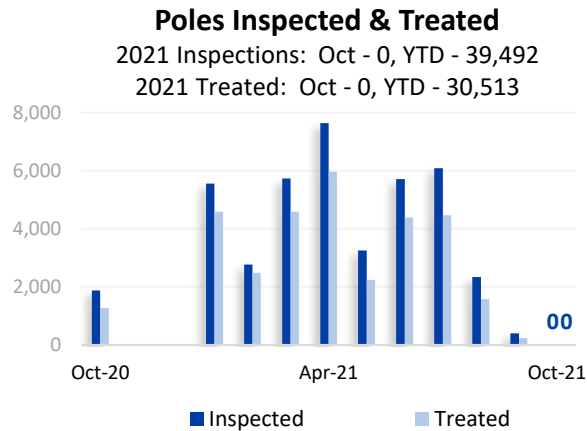


System Maintenance

Vegetation Management



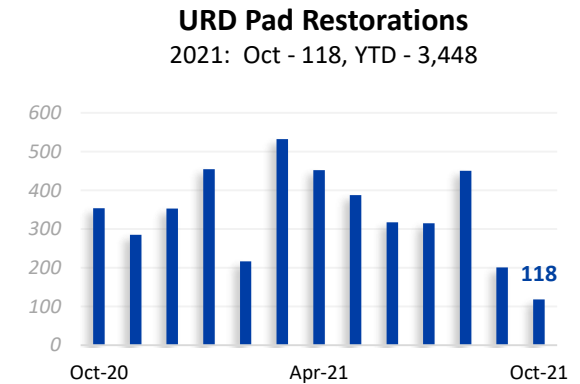
Pole Testing & Treatment (PTT)



2020 Inspections: Oct - 1,876, YTD - 37,312
 2020 Treated: Sep - 1,261, YTD - 28,523

2020 Rejected: Oct - 107, YTD - 707
 2020 Restored: Oct - 75, YTD - 1,145

URD Pad Mount Restorations



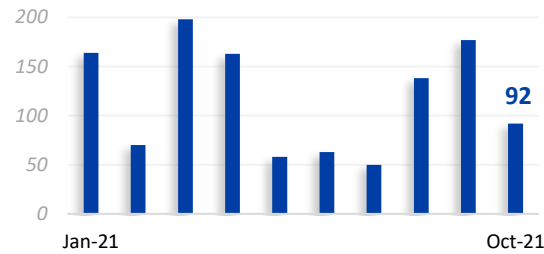
2020: Oct - 354, YTD - 3,665



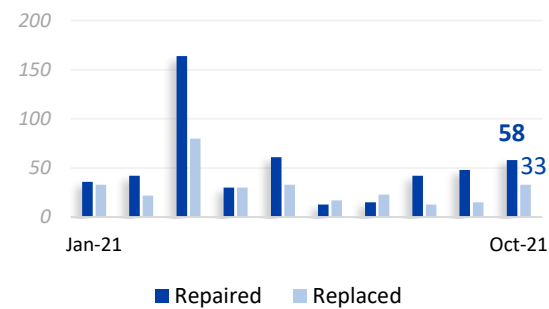
System Maintenance

Technical Services

Equipment Inspections

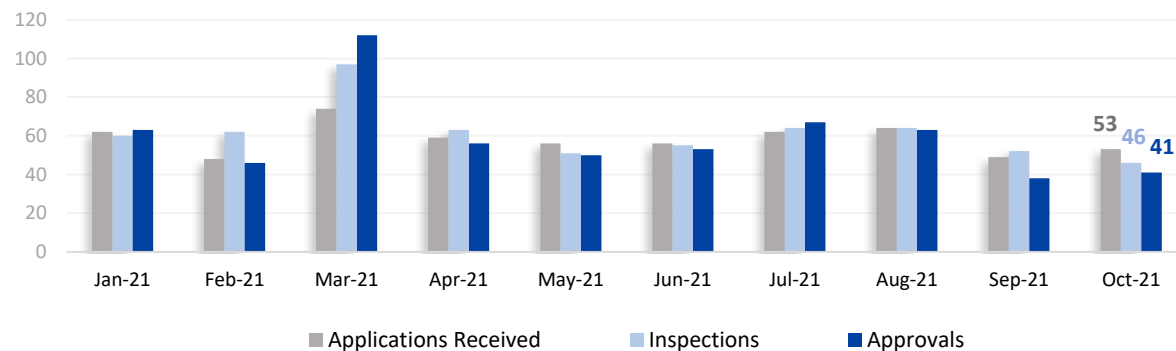


Equipment Repaired & Replaced



Pole Contacts

Applications Received & Permits Issued



Notes:

- Equipment inspections include; reclosers, regulators, air break switches, capacitors, switchgears, and radio frequency issues.
- A pilot, cost-saving process for pole contact applications is underway utilizing Osmose Utilities Services.

Facilities Update

Cedar Park

The new plat documents have been recorded and the city has issued a permit. The RFP to select a general contractor is in progress.

Coop-wide Secondary Containment

Bertram, Cedar Park, Oak Hill, and Canyon Lake are complete. A contract has been awarded for Haley Rd, and will complete in November. Junction is in planning.

Johnson City

Started security gate upgrade at the Haley Rd. site. This project will align the driveway with the city street for improved sight-lines and safety; add a second gate for improved ingress and egress; and improve security equipment to allow the gates to remained closed.

Kyle

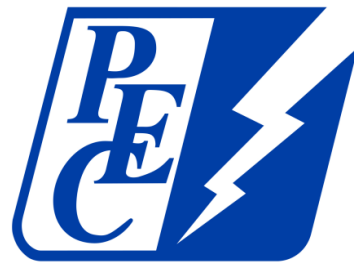
The Fleet Building and fuel island are complete. The Warehouse building is dried-in, mechanical/electrical work has been roughed-in, and the tile is complete. This project is running 3 months ahead of schedule with substantial completion expected by end of year.

Leander

Development of site and building plans are complete, pending permits from the city.

Marble Falls

Construction has started for additional restrooms at the Technical Training Center.



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