



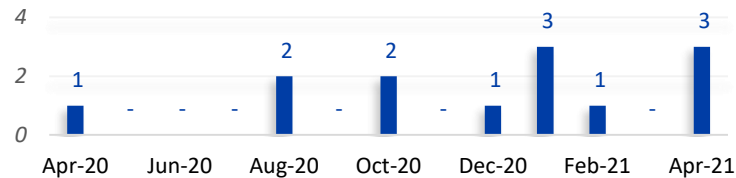
Operations Report

Eddie Dauterive | Chief Operations Officer

Safety & Technical Training

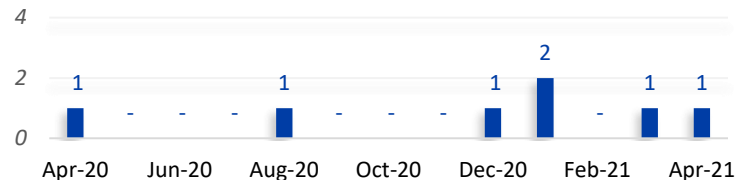
Personal Incidents

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



Apr: 3
YTD: 7

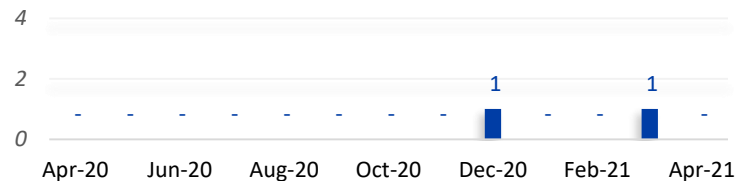
Days Away, Restricted, or Transfer (DART) - Incidents causing restricted duty where the employee can perform another activity without missing days.



Apr: 1
YTD: 4

Days Restricted: 2020 YTD - 65 2021 YTD - 83

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



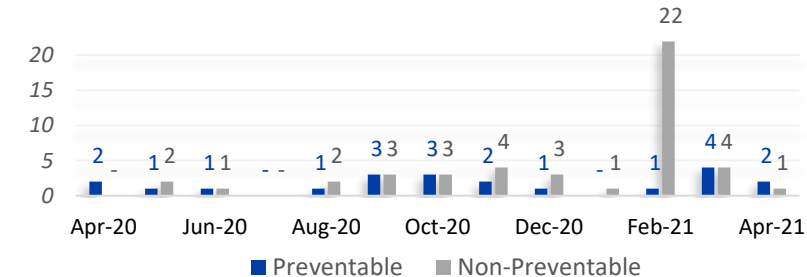
Apr: 0
YTD: 1

Lost Time Days: 2020 Total - 0 2021 Total - 10



Vehicle Incidents

Preventable & Non-Preventable Vehicle Accidents



Preventable:
Apr: 2
YTD: 7

Non-Preventable:
Apr: 1
YTD: 28

Incident Notes:

Preventable Vehicle Incidents (2):

- PEC vehicle contacted another vehicle while parking, scraping the vehicle.
- PEC vehicle rolled back into a gate and another PEC vehicle while parking.

Potential Reporting Change:

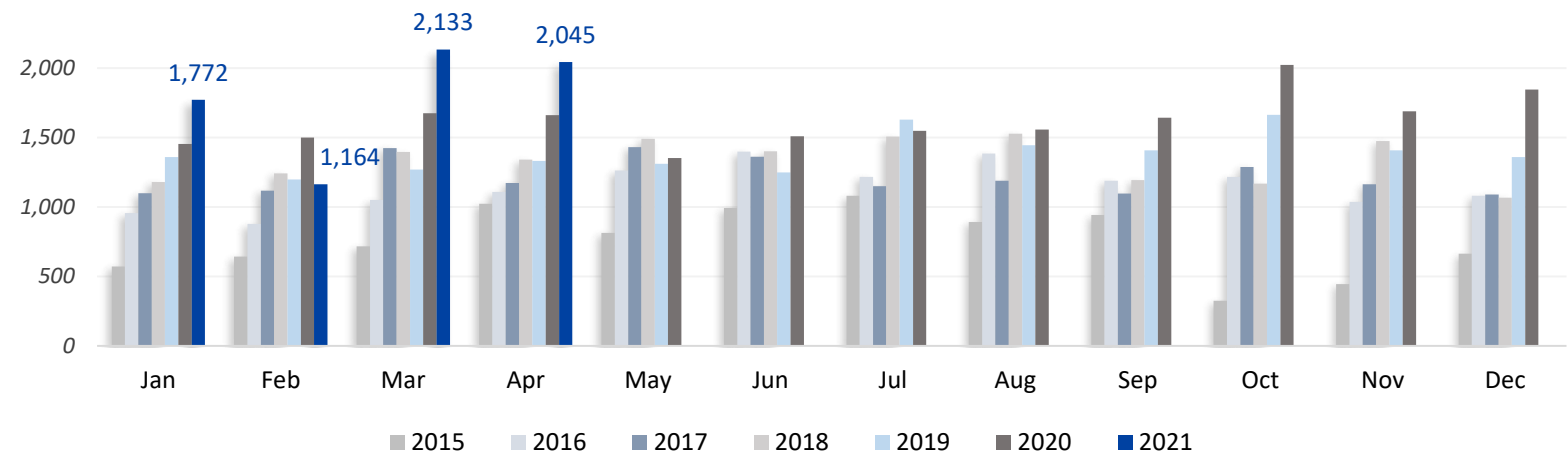
- Staff are reviewing a Board reporting threshold for damages above \$2,500.
- All incidents will continue to be reported through appropriate systems.



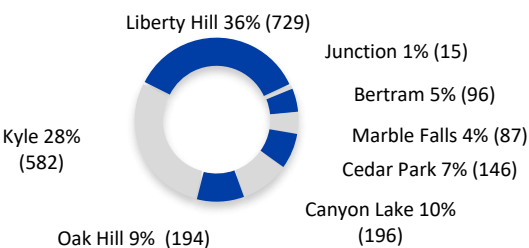
System Growth

Monthly Line Extensions

2019: 16,640 2020: 19,458 2021 YTD: 4,807



Line Extensions by District (2,045)

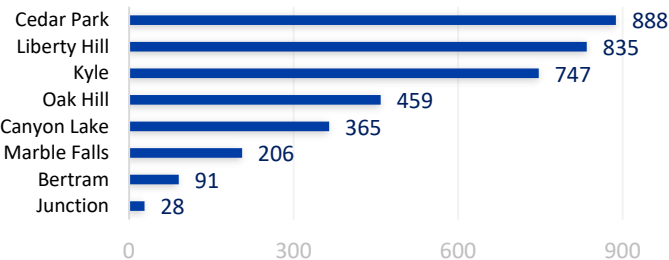


Miles of Distribution Line:

Underground: 6,075 (26%)
Overhead: 17,352 (74%)
Total: 23,427

New Member Applications

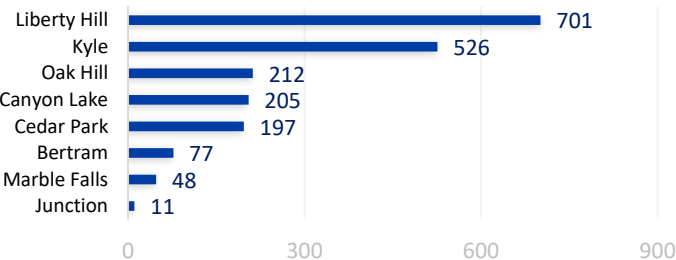
2021: Apr. - 3,619, YTD - 12,131



2020: Apr. - 2,436, YTD - 9,697

Meter Growth

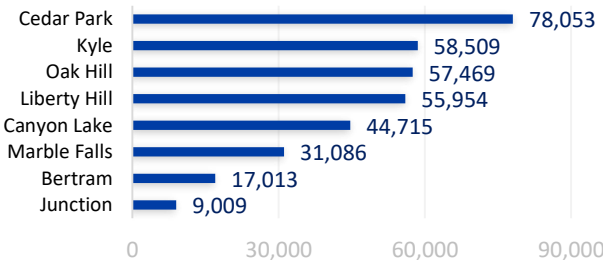
2021: Apr. - 1,977, YTD - 5,719



2020: Apr. - 1,511, YTD - 5,352

Meter Totals

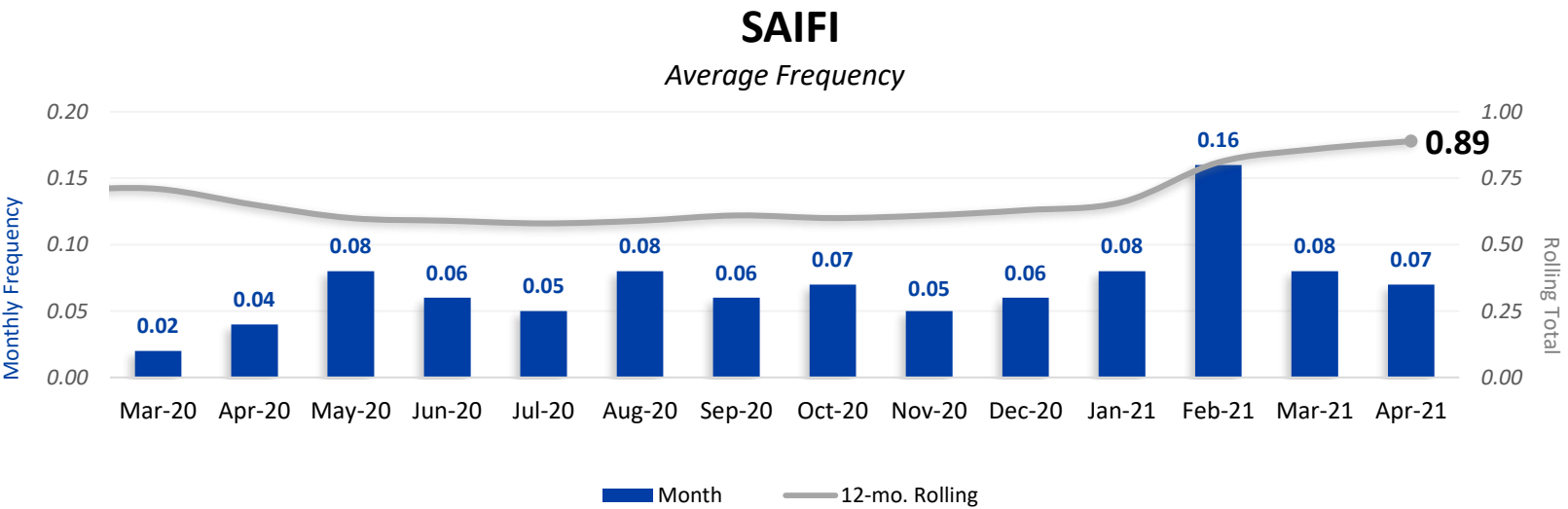
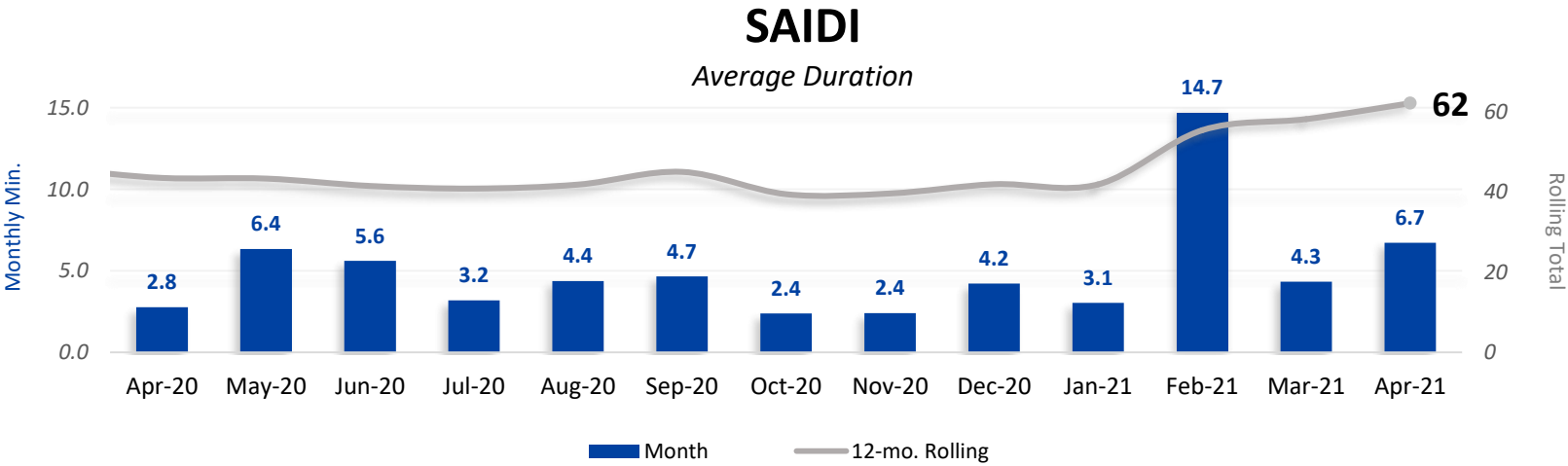
2021: Apr. - 351,808



2020: Apr. - 331,647

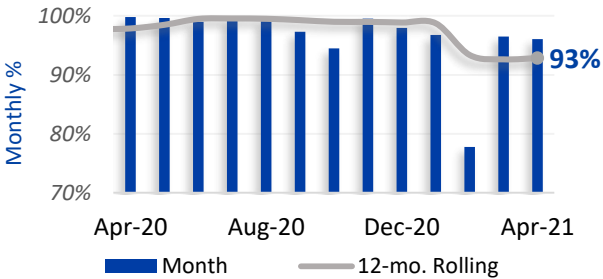


Reliability



Estimated Time of Response (ETR)

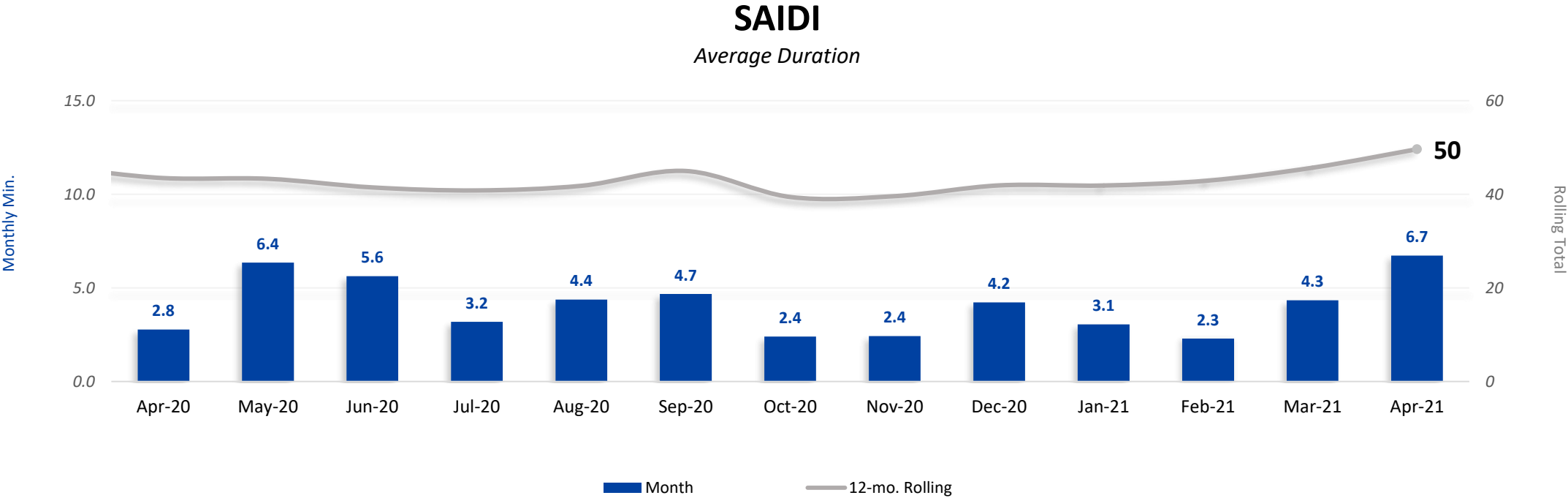
% of Outages with ETR Provided



Reliability

Revising SAIDI

To better reflect the performance of the workforce during the February winter storm, PEC's *internal* SAIDI will be adjusted to classify the whole event from Feb. 12 to Feb. 20 as a catastrophic event. This removes an additional four days of SAIDI minutes from the calculation and lowers the February SAIDI by 12.42 minutes and the rolling 12-month metric to 49.65 through April.

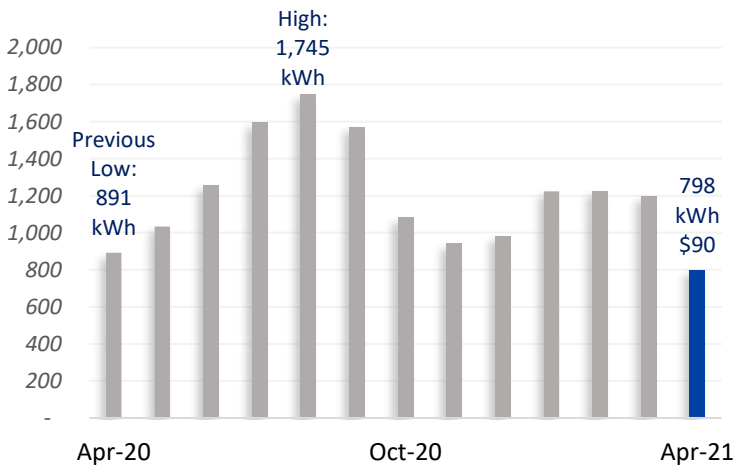


Member Relations

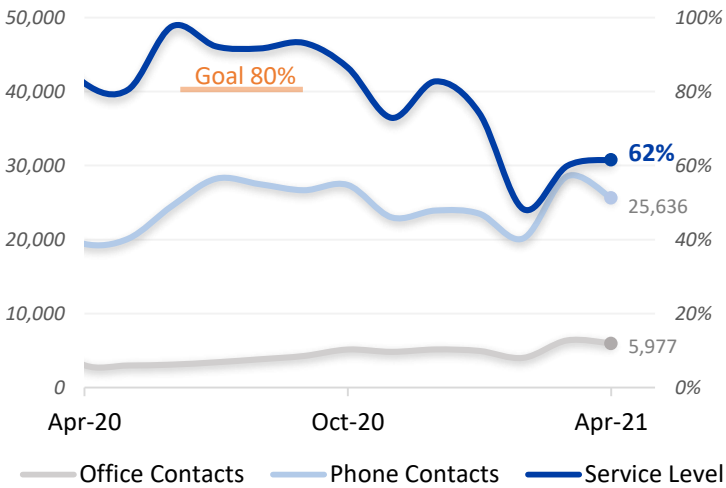
Notes:

- Significant drop in average residential usage for April.
- Lower average billing and active collection activities have greatly reduced aged balances through April.
- MR staff are aggressively exploring several new technologies, including member messaging for understanding billing and payment options, a new member welcome package, as well as text and chat platforms.

Avg Residential Usage



Service Level



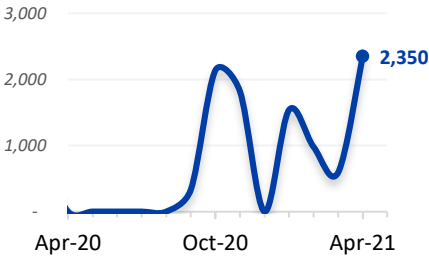
Contact Types

Main Contact Types	Apr. Totals	
Service Request	10K	29%
Payment	7K	19%
Billing Inquiry	5K	13%
Autopay Deposit Waiver	2K	6%
Payment Arrangement	2K	6%
Account Update	2K	5%
Autopay Inquiry	1K	4%

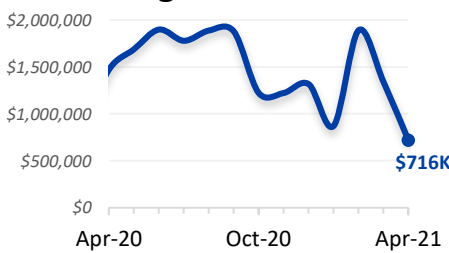
Collections

Only 1 Day of Limited Collection Activity

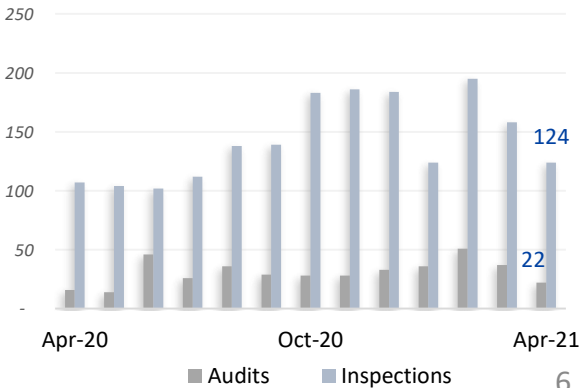
Remote Disconnects



Aged Balances



Energy Services



AMI Distribution Update

The AMI Meter Distribution Project is extremely important for PEC and ultimately very good for the membership. Much preparation has gone into this project since 2019, and now ready to begin:

- 2019 - RFP created to identify and provide AMI technology and infrastructure.
- 2020 - Selected required infrastructures; site surveys, frequency scanning, DCUs, antennas, communication devices.
- 2020 - Implemented new Aclara One System and integrated with our MDM for reliable interval data.
- 2020 - Conducted an RFP for a trusted partner to assist with exchanges in the field.
- 2021 - Created a Communication Plan and associated content, identified risks, and created Mitigation Plans.
- 2021 - Partnered with PEC's MRFTs (Field Techs) for a trial run of meter exchanges.
- 2021 - Trials were successful with over 4K meters installed in Johnson City, Marble Falls, Liberty Hill, and Cedar Park. The system operated extremely efficiently (99.3% up-time) with minimal impact on the membership. All systems tested and fully functional.
- 2021 - Official Project Team Kick Off Meeting held on May 6th.
- 2021 - Official Distribution Project started on May 10th, beginning in Liberty Hill.



AMI Distribution Update

PEC has a solid project plan in place with frequent meetings, team communications, and written updates to all parties.

Member communications include robo-calls, door hangers, letters, pamphlets, emails, FAQs, and talking points. PEC also has a dedicated AMI webpage for information on Allegiant and the benefits of the new meters at pec.coop/AMI

Allegiant will work with members that may need to reschedule or have issues at a location such as an aggressive dog or locked gate. Allegiant will schedule a convenient time to return to the location.

Allegiant personnel will be clearly identified with ID badges, standardized vehicle signage, and safety gear.

  Lelon Townley Foreman	Primary Contacts PEC Member Relations Control Center 830-454-3142 Martin Saucedo 830-330-4375 Carlton Olsen 830-992-5593 PEC Security 830-454-3200 Allegiant Utility Services Lelon Townley 662-359-3539 Alan Jones 737-346-7951 Nick Larson 612-801-0677
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System-wide meter upgrade project

PEC is conducting a system-wide meter upgrade project and we are currently in your area. This project provides a new, upgraded meter to each of our members! You may be asking, what are the benefits to me?

Check it out below!

- Early power outage detection and improved restoration time.
- Increased service reliability.
- Enhanced interval usage read data.
- Reduced maintenance costs to the cooperative and our members.
- These advanced meters do not connect to your home Wi-Fi system or household devices.

The upgrade process takes less than five minutes and the residence may be without power during that time. You do not need to be present during the upgrade.

If you have questions or concerns about the advanced metering devices, please contact us Monday through Friday at 888-554-4732, between 8 a.m. and 6 p.m., or visit our website at pec.coop/ami to review complete information about the devices and our advanced metering opt out program. Please reference Section 300.13.6 of our Tariff and Business Rules for additional information.



pec.coop/ami



AMI DOOR HANGER: 4.25 X 11" IMPRINT, FULL BLEED



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)

Engineering

Transmission Project Updates

- **North Fork Generation Interconnection** (*Liberty Hill*):
 - Connects 100 MW Battery at Andice Substation.
 - PEC's portion of construction and metering install is completed.
 - Generator testing for compliance with ERCOT requirements scheduled for Jun. 2021.
 - Expected COD in mid-June.
- **Burnet - Bertram - Andice** line upgrade (*Bertram*):
 - 23 miles, rebuild of 69 kV line to 138 kV.
 - Construction awarded to Volt Power, LLC.
 - Andice to Bertram completed.
 - All structures installed between Bertram and Burnet, wire stringing in progress.
 - Completion scheduled for Q2 2021.
- **Johnson City to Wirtz** line upgrade (*Marble Falls*):
 - 0.75 miles, rebuild of 336 ACSR section to 440 MVA capacity.
 - Construction awarded to Volt Power, LLC.
 - Final structure to be installed in May 2021.
 - Completion scheduled for Q2 2021



Engineering

Transmission Project Updates

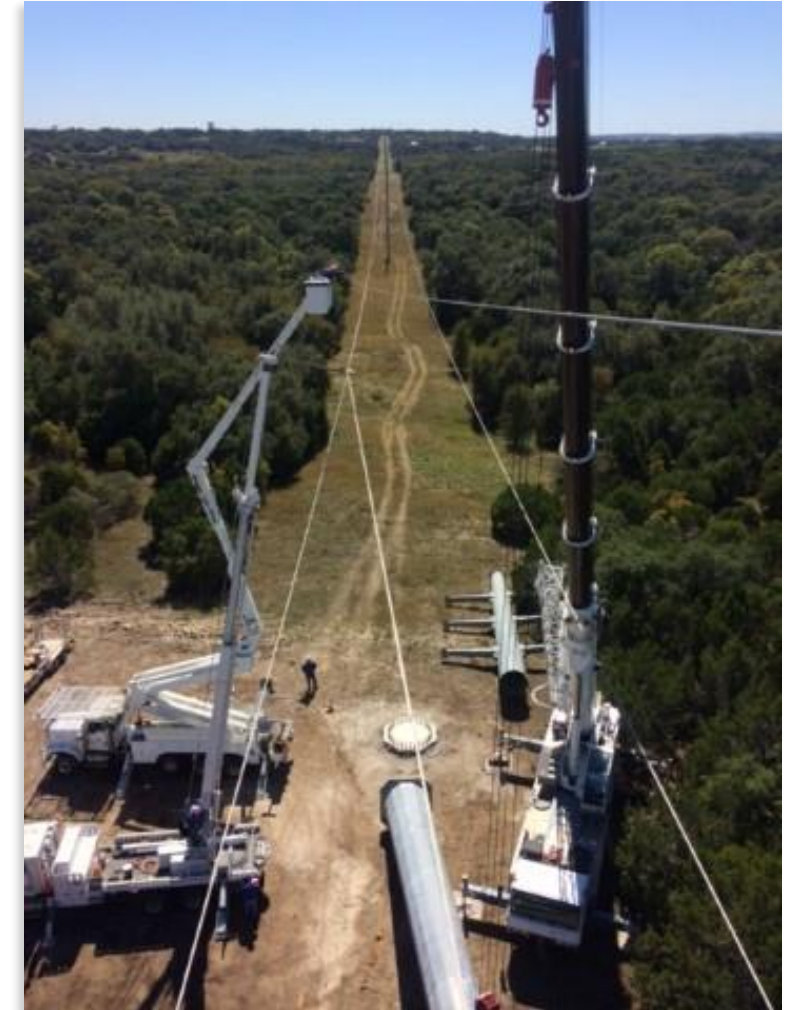
- **Andice to Pipeline to Seward Junction Fiber Addition** (*Liberty Hill*):
 - 8.4 miles, replaces Shield Wire with OPGW in coordination with breaker addition at Pipeline.
 - Engineering identified 1 poles to replace in addition to the existing shield wire with OPGW.
 - Materials and pole submitted for bid.
 - Construction expected to begin in Q3 2021.
- **Buda Substation Upgrade** (*Kyle*):
 - Construction completed in Apr. 2021.
- **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.
 - Supplemental easement rights to be acquired Q2 through Q3 2021.
 - Construction bids expected in May 2021.
 - Construction expected to begin in Q3 2021.
- **Whitestone - Blockhouse - Leander line upgrade** (*Cedar Park*):
 - 5.25 miles, rebuild existing 138 kV line to 440 MVA capacity.
 - Construction awarded to Volt Power, LLC.
 - Construction delayed to Sep. 2021 due to outage restrictions.
 - Completion scheduled for Q2 2022.



Engineering

Transmission Project Updates

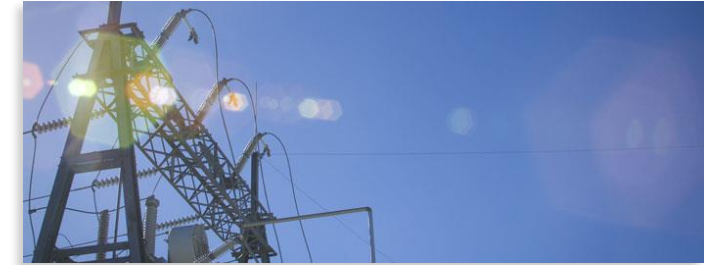
- **Marshall Ford to Trading Post to Cedar Valley to Friendship to Rutherford (Oak Hill):**
 - 15.41 miles, structural analysis shows a need to replace structures to meet current NESC requirements. Investigating alternative conductors to limit scope of structure replacement.
 - Power Engineers began detailed design for Marshall Ford to Trading Post section in Apr. 2021.
 - Construction expected to begin in Q1 2022.
- **Dripping Springs - Rutherford relocation (Oak Hill):**
 - Construction on hold.
- **Lago Vista to Nameless Transmission Overhaul (Cedar Park and Liberty Hill):**
 - Burns and McDonnell select in April to begin design.



Engineering

Substation Project Updates

- **Burnet - Bertram - Andice Remote Ends** (*Bertram, Liberty Hill*) — Substation construction to support transmission line upgrade:
 - Construction crews at Andice were mobilized in Aug. 2020 and completed in Jan. 2021.
 - Construction at Bertram was completed in Dec. 2020.
 - Construction at Burnet is scheduled from Jan. 2021 to Jun. 2021.
- **Buda Breaker-and-a-Half Upgrade** (*Kyle*) — Construction of improved transmission bus:
 - Energization was completed on April 27, 2021.
- **Pipeline Feeder Breaker and Ring Bus Upgrade** (*Liberty Hill*) — Construction of additional feeder breakers and improved transmission bus:
 - Feeder breaker construction was completed in Oct. 2020.
 - Completion of ring bus will be delayed to be completed in Dec. 2021.
- **Horseshoe Bay T1 Upgrade** (*Marble Falls*) — Upgrade 22.4 MVA power transformer to 37.3 MVA:
 - Construction started in Dec. 2020 and scheduled to be completed in Jul. 2021.
 - HST1 is currently out and scheduled to be energized on Jun. 29, 2021.
 - HST2 scheduled to be out from Jul. 7 to Jul. 30, 2021.



Engineering

Substation Project Updates

- **Blockhouse - Whitestone Remote Ends, Blockhouse T3 (Cedar Park)** — Substation construction to support transmission line upgrade and transformer addition:
 - The completion of the Blockhouse ring bus and the construction at Whitestone will be delayed until late 2021 and completed in 2022.
 - Construction for the Blockhouse T3 addition was completed on Mar. 19, 2021, relay testing completed on Mar. 31, 2021, and T3 energization completed on Apr. 6, 2021.
- **Fairland (Marble Falls)** — Upgrade 22.4 MVA power transformer to 37.3 MVA and rebuild distribution bus:
 - Construction started in Nov. 2020 and scheduled to be completed in Jun. 2021.
- **Bergheim (Canyon)** — Upgrade 22.4 MVA power transformer to 46.7 MVA:
 - Engineering to be started in Jan. 2021 and scheduled to be completed in Apr. 2021.
 - Construction scheduled to be started in Jul. 2021 and completed in Nov. 2021.



Engineering

Substation & Transmission Maintenance

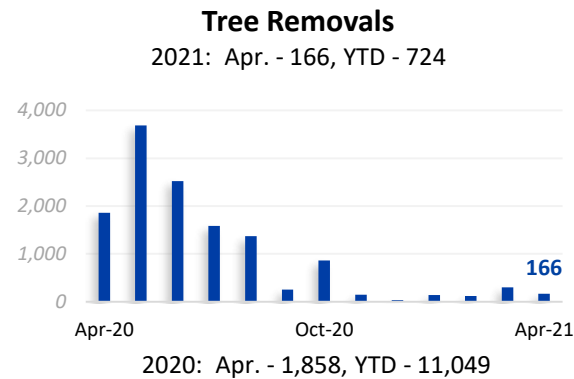
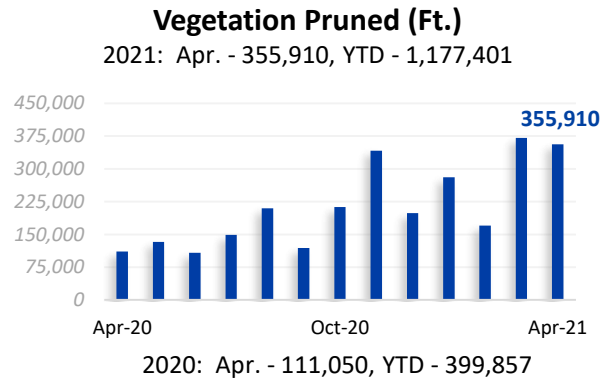
This department is heavily involved in the management for any projects involving substations or transmission, including LCRA projects. No contractors or LCRA personnel are allowed to switch PEC equipment in substations except for PEC substation maintenance personnel. In addition to Engineering Development and Design Projects, Substation and Transmission Maintenance projects also include:

- **Friendship** — 138KV Switch Replacement Project (*Oak Hill*):
 - May 3 - Transfer load off and de-energize T1 & T2.
 - May 4-5 - LCRA will replace 138V switches.
 - May 7 - Re-energize T1 & T2 to normal.
- **Burnet Station Upgrade** — Combination LCRA & PEC Project (*Burnet*):
 - Jul. 2020 - Set up temporary equipment and install 69KV transmission bypass
 - Aug. 2020 - Temporary T1 transformer energized
 - New control houses, feeder breakers, feeder panel and relays, and transformer panel and relays to be installed.
- **Sattler** — 138KV Switch Replacement Project (*Canyon Lake*):
 - Sep.-Oct. 2021 - Replace 8 switches by utilizing mobile substation through multiple phases.
- **Graphite Mine** — 138KV Ring Bus & Breakers Installation (*Bertram*):
 - LCRA project in Fall 2021 - will utilize mobile substation and replace circuit switcher CS-3745 for T1.

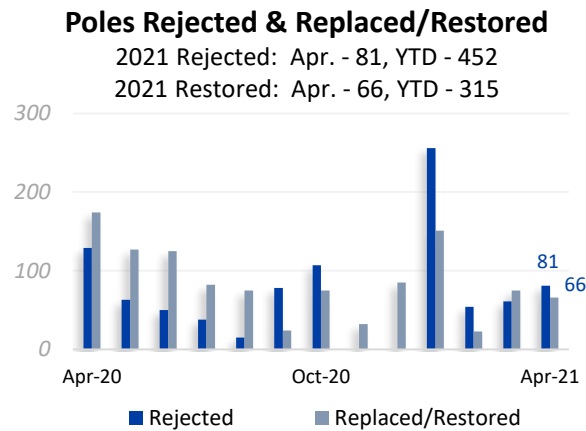
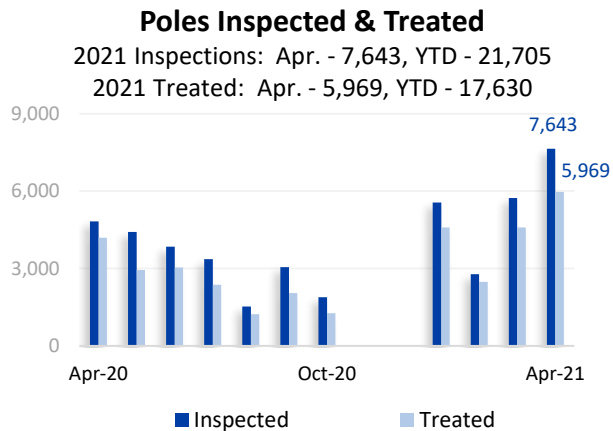


System Maintenance

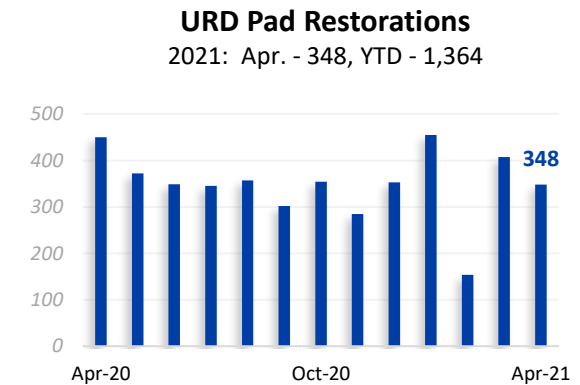
Vegetation Management



Pole Testing & Treatment (PTT)



URD Padmount Restorations



Facilities Update

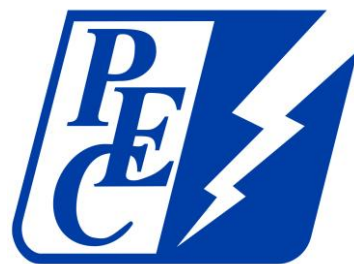
Cedar Park	Working through the plat process with the city, which is requiring both the purchased portion and the remaining TXDOT lot to be platted.
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Coop-wide Secondary Containment	Cedar Park, Oak Hill, and Canyon Lake are complete. Bertram, in progress. Junction, and Haley Rd. are in planning.
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Johnson City	Field House parking lot upgrades are in progress, completion expected in May 2021.
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Kyle	Site construction has begun, Fleet Building has mechanical, electrical, and plumbing being installed, expected completion by July 1 st . Warehouse building arrives mid-May. Paving is complete. Fuel Island permitting and the slab pour is in-progress.
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Leander	Development of site and building plans are ongoing.
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pec.coop