



# Operations Report

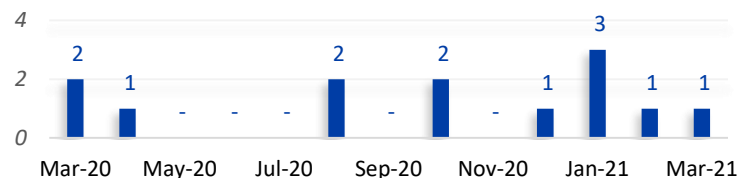
Eddie Dauterive | Chief Operations Officer

April 23, 2021

# Safety & Technical Training

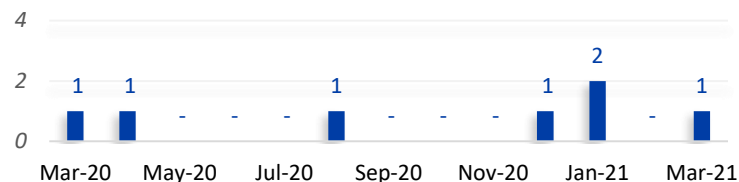
## Personal Incidents

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



Mar: 1  
YTD: 5

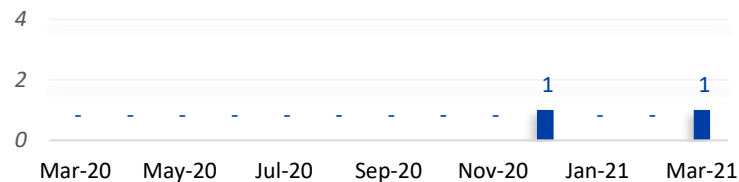
**Days Away, Restricted, or Transfer (DART)** - Incidents causing restricted duty where the employee can perform another activity without missing days.



Mar: 1  
YTD: 3

Days Restricted: 2020 YTD - 65 2021 YTD - 69

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



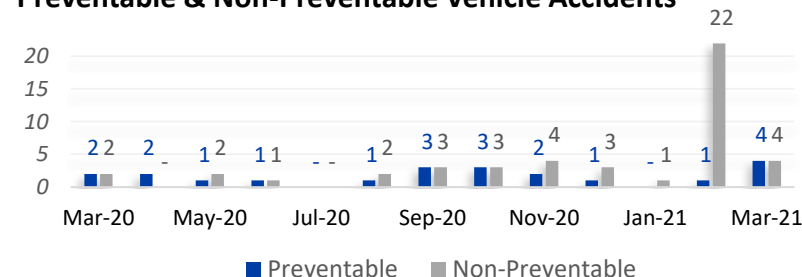
Mar: 1  
YTD: 1

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



## Vehicle Incidents

**Preventable & Non-Preventable Vehicle Accidents**



Preventable:  
Mar: 4  
YTD: 5

Non-Preventable:  
Mar: 4  
YTD: 27

## Incident Notes:

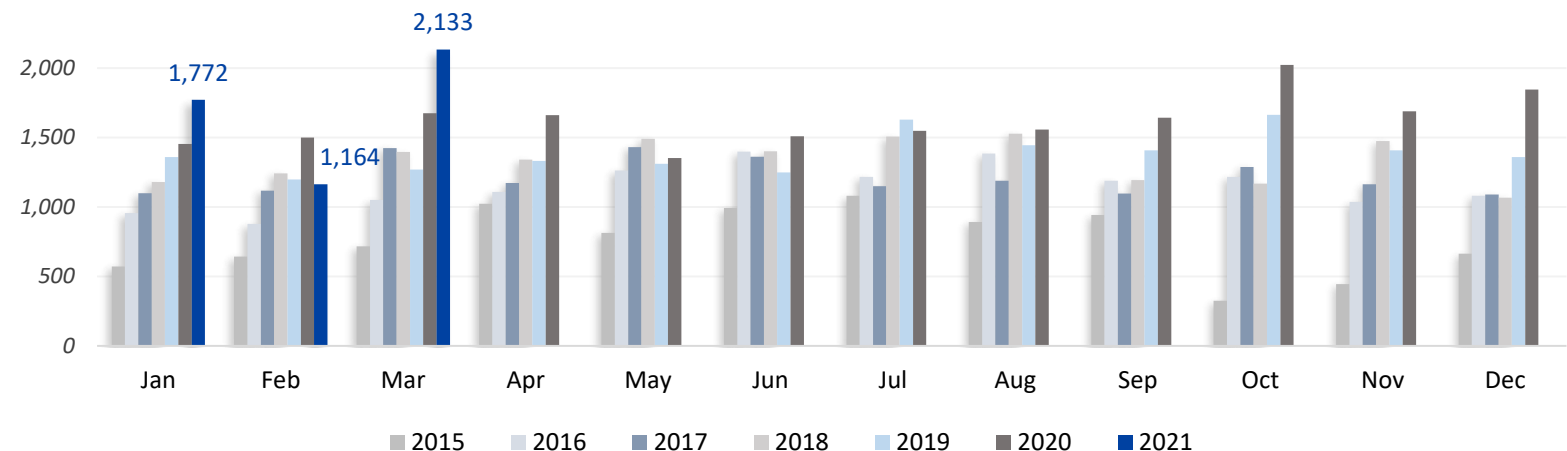
**Preventable Vehicle Incidents (4):**

- PEC vehicle struck a property gate damaging the rear quarter panel of the vehicle.
- PEC vehicle struck a PEC service pole causing minor damage.
- PEC vehicle struck a road sign causing minor damage to plastic light cover.
- PEC vehicle struck a member's windmill causing damage to vehicle.

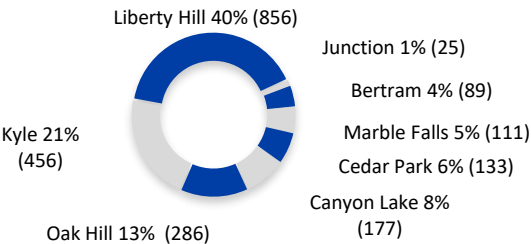
# System Growth

## Monthly Line Extensions

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



## Line Extensions by District (2,133)

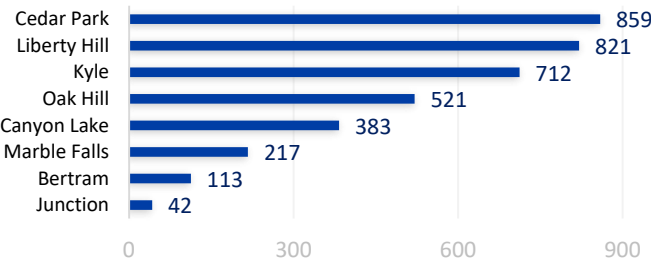


## Miles of Distribution Line:

Underground: 6,022 (26%)  
Overhead: 17,339 (74%)  
Total: 23,361

## New Member Applications

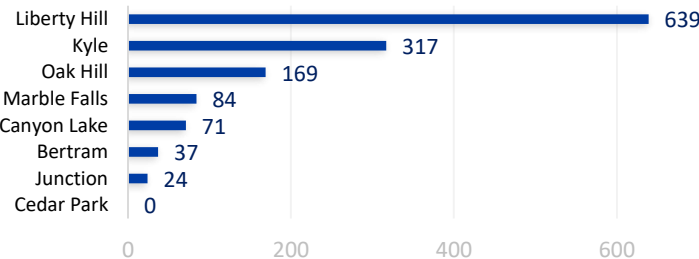
2021: Mar. - 3,668, YTD - 8,512



2020: Mar. - 2,604, YTD - 7,261

## Meter Growth

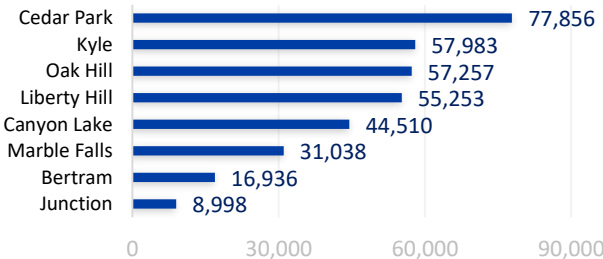
2021: Mar. - 1,195, YTD - 3,742



2020: Mar. - 1,528, YTD - 3,841

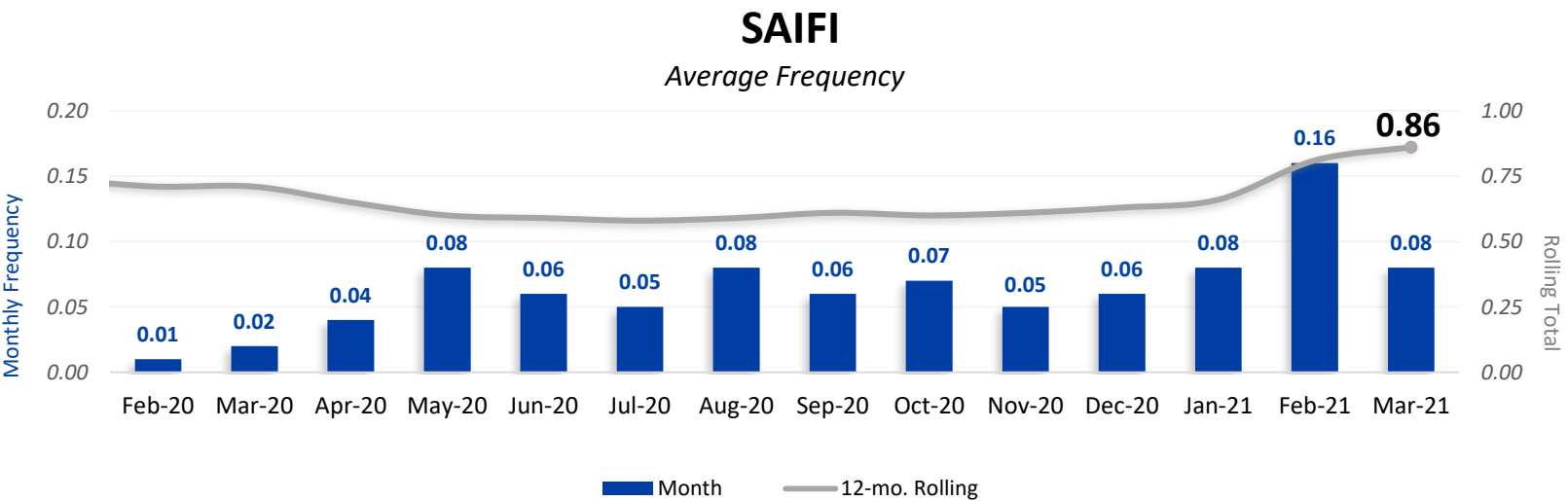
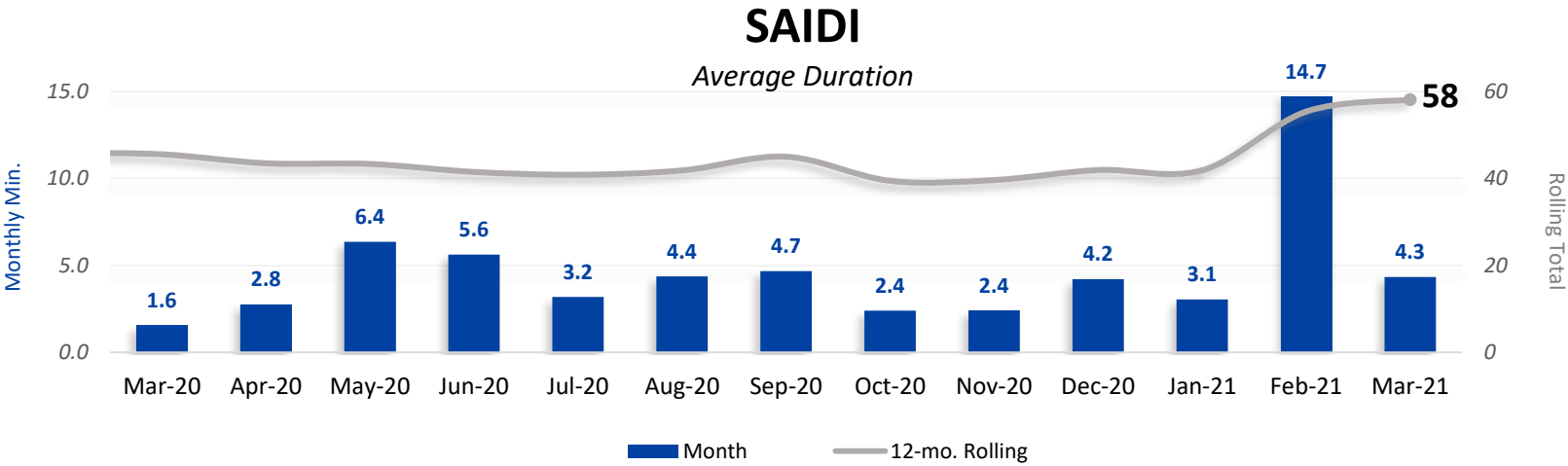
## Meter Totals

2021: Mar. - 349,831



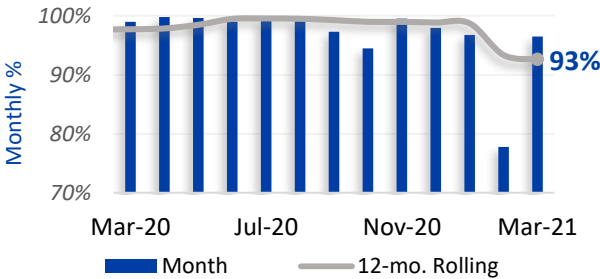
2020: Mar. - 331,647

# Reliability



### Estimated Time of Response (ETR)

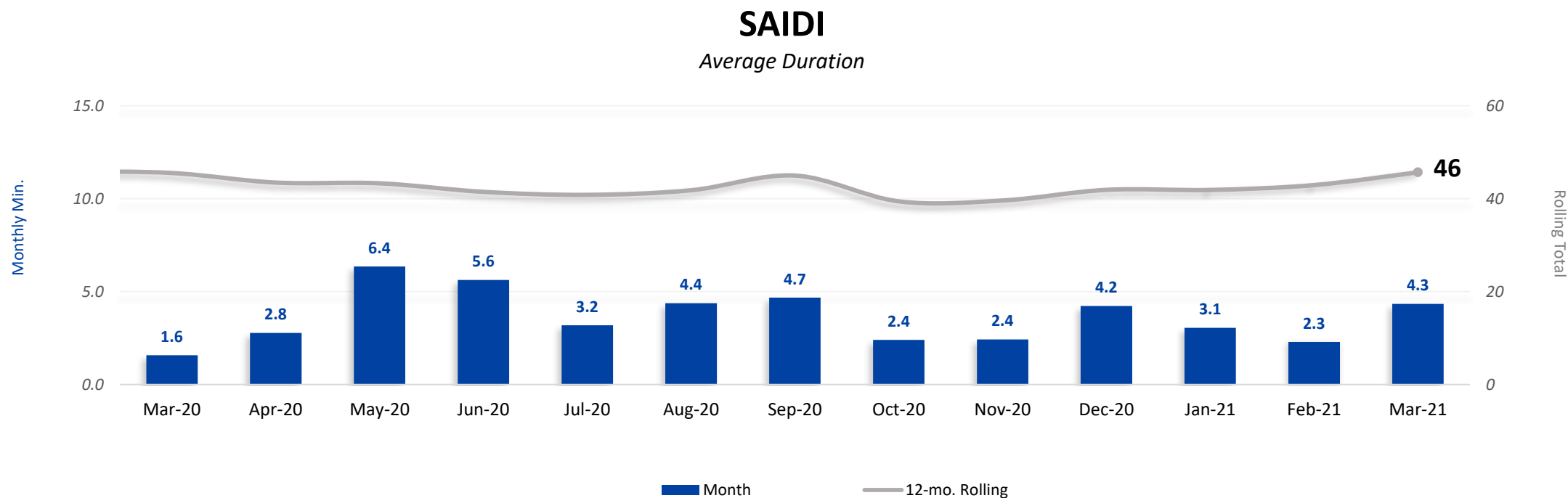
% of Outages with ETR Provided



# Reliability

## Revising SAIDI

To better reflect the performance of the workforce during the February ice storm, PEC's SAIDI will be adjusted to classify the whole event from Feb. 12 to Feb. 20 as a catastrophic event. This will remove 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 45.69 through March.

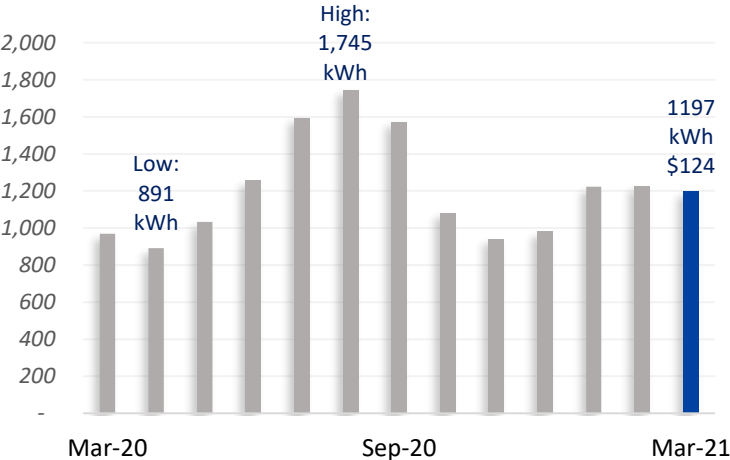


# Member Relations

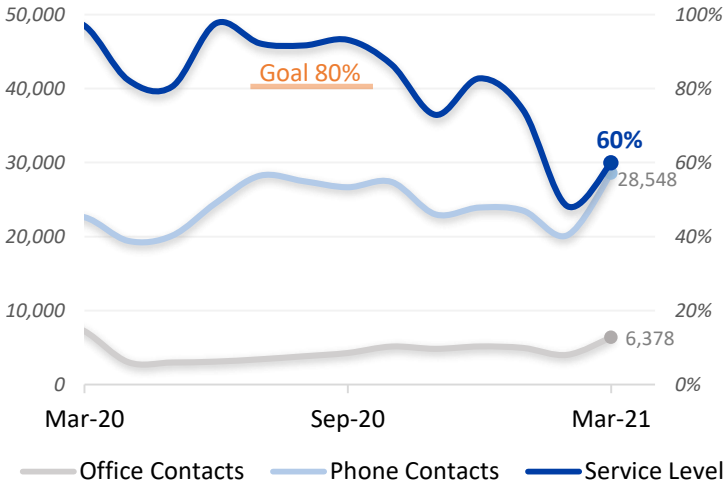
Notes:

- Service level impacted by staffing shortages from training courses, spring break child care, and COVID-related quarantining.
- Member response and call times also affected by collection activities fully resuming in mid-March.
- The totals and average amounts of aged balances are improving.

## Avg Residential Usage



## Service Level



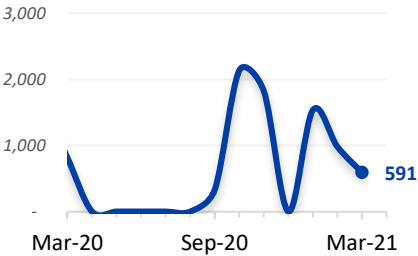
## Contact Types

Main Contact Types	Mar. Totals	
Service Request	11K	28%
Payment	7K	19%
Billing Inquiry	6K	16%
Payment Arrangement	2K	6%
Autopay Deposit Waiver	2K	5%
Account Update	2K	5%
Autopay Inquiry	2K	4%

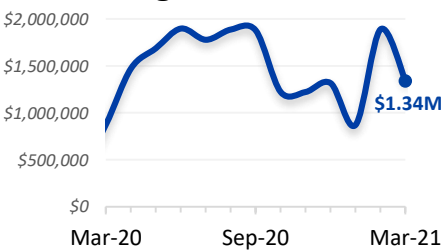
## Collections

14 Days of Limited Collection Activity

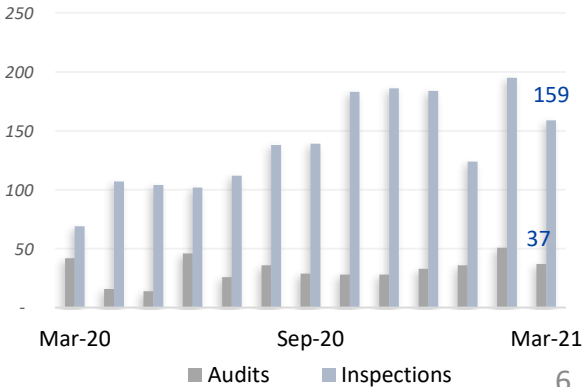
### Remote Disconnects



### Aged Balances



## Energy Services



# Engineering

## Transmission Project Updates

- **North Fork Generation Interconnection** (*Liberty Hill*):
  - Connects 100 MW Battery at Andice Substation.
  - Generator-owned transmission line completed; ERCOT Compliance testing in Apr. 2021.
  - PEC to own line terminal at Andice to a POI located outside of the substation. LCRA will provide metering.
  - Expected COD – mid May.
- **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.
  - New structures being 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.
  - Construction in progress.
  - 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 started on two new structures on the Buda - Rutherford transmission line.
  - Construction expected to be 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 Apr. 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.

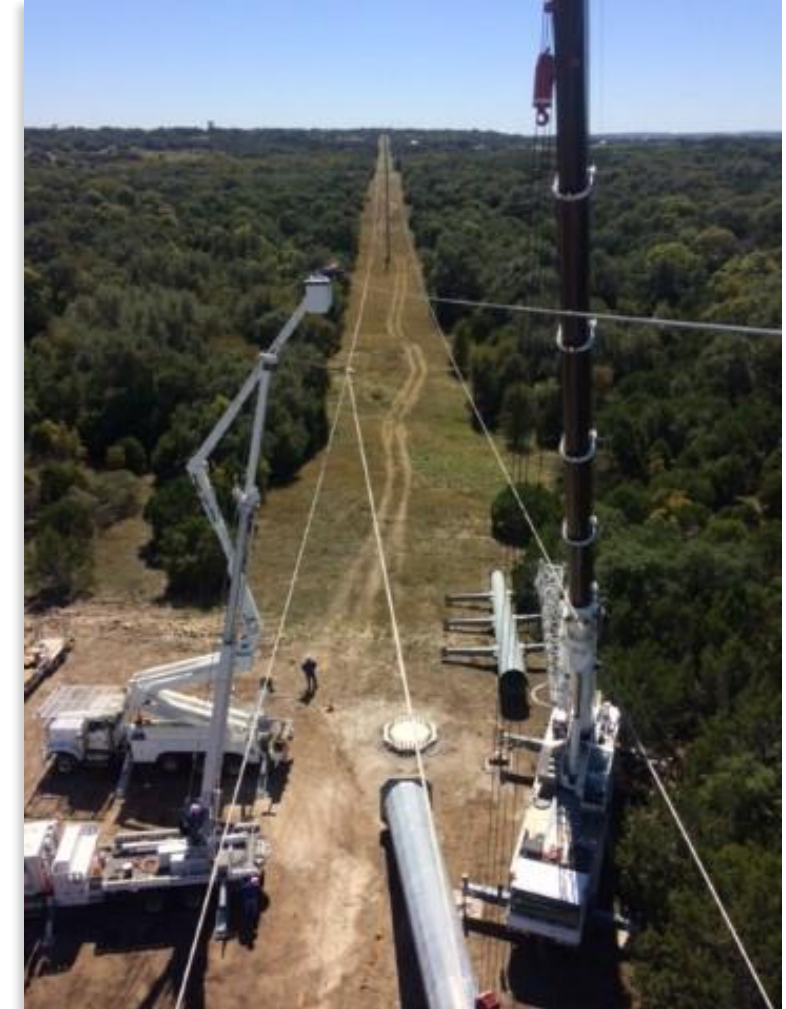




# Engineering

## 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 to be doing detailed design in Apr. 2021.
  - To be submitted for ERCOT Tier 3 review following outcome of alternative conductor analysis.
  - 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):**
  - Engineering to begin in Q2 2022.



# 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 is scheduled for end of Apr. 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.

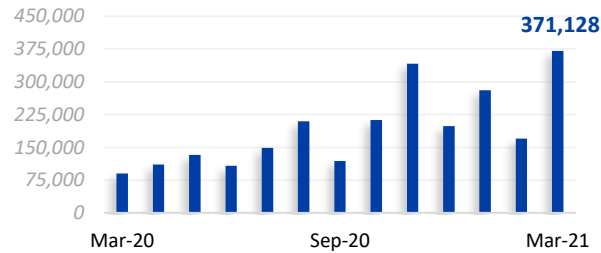


# System Maintenance

## Vegetation Management

### Vegetation Pruned (Ft.)

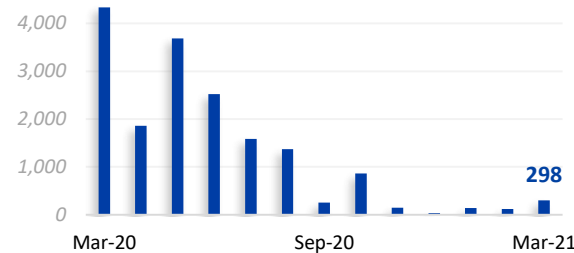
2021: Mar. - 371,128, YTD - 821,491



2020: Mar. - 90,030, YTD - 288,807

### Tree Removals

2021: Mar. - 298, YTD - 558

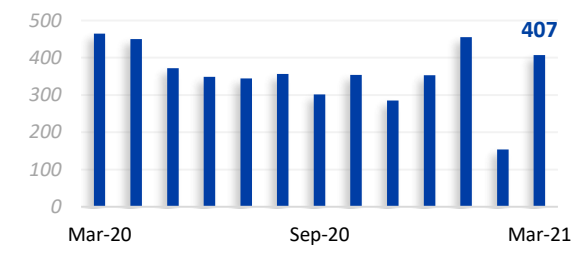


2020: Mar. - 4,334, YTD - 9,191

## URD Padmount Restoration

### URD Pad Restorations

2021: Mar. - 407, YTD - 1,016



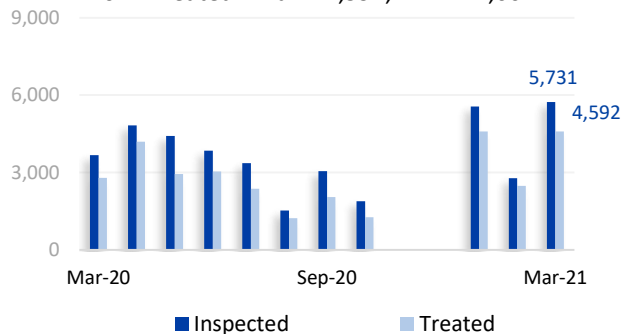
2020: Mar. - 465, YTD - 1,136

## Pole Testing & Treatment (PTT)

### Poles Inspected & Treated

2021 Inspections: Mar. - 5,731, YTD - 14,062

2021 Treated: Mar. - 4,592, YTD - 11,661



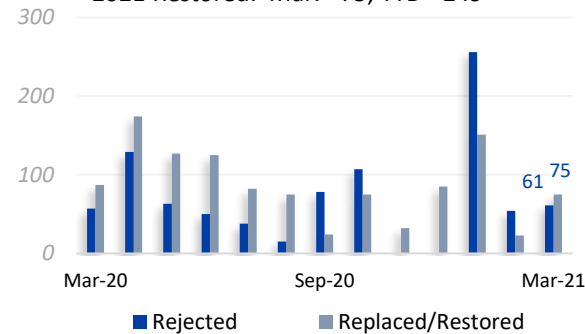
2020 Inspections: Mar. - 3,675, YTD - 14,419

2020 Treated: Mar. - 2,790, YTD - 11,455

### Poles Rejected & Replaced/Restored

2021 Rejected: Mar. - 61, YTD - 371

2021 Restored: Mar. - 75, YTD - 249



2020 Rejected: Mar. - 57, YTD - 227

2020 Restored: Mar. - 87, YTD - 463

### Notes:

- Feeder Maintenance - 9 main feeders completed in 1st quarter, resulting in 1,056 maintenance and repair actions.
- 371,128 feet of vegetation pruned equal to 70 miles.
- Pole replacement crews were away for one week due to continued ice storm response on neighboring utility systems.



# Facilities Update

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## **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, Junction, and Haley Rd. are in planning.

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## **Johnson City**

Selected a contractor and purchased materials to upgrade obsolete SCADA UPS batteries. Batteries were installed but one was damaged during shipment and a replacement is being shipped. Field House parking lot upgrades are in progress.

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## **Kyle**

Site construction has begun, fleet building block walls are 75% complete and warehouse expansion has been poured, site utilities are 90% complete, and the parking lot paving is 90% complete.

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## **Leander**

Development of site and building plans are ongoing.

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