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Project No. 49068

CenterPoint Energy Houston Electric, LLC

Addendum to the Service Quality Report

for the

2018 Reporting Year

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Project 49068 Addendum to 2018 Annual Service Quality Report

Summary:

In 2018, CenterPoint Energy had one (1) repeating 300% feeder. There were zero (0) repeating 300% SAIFI feeders and West Columbia 01 (WC-01) was the only repeating 300% feeder for SAIDI in the CenterPoint Energy service territory. CenterPoint Energy is committed to improving the reliability for this feeder, and the items listed below highlight the actions taken to accomplish this goal.

Service Disruption:

In 2018, CenterPoint Energy had most of the outages as a result of harsh weather and equipment failure.

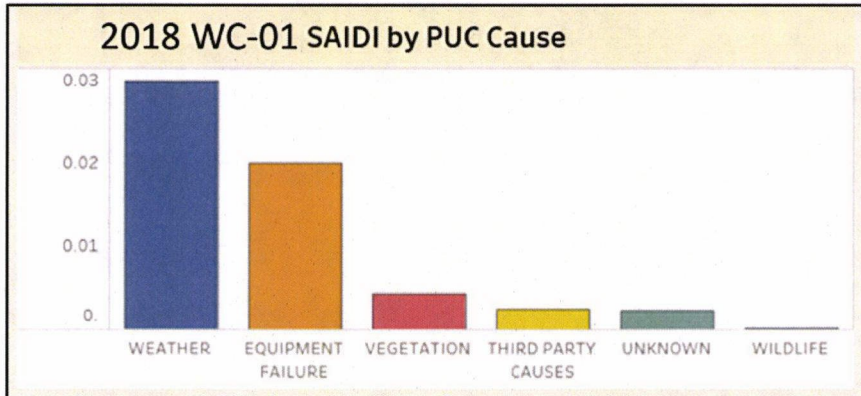


Figure 1 - 2018 West Columbia Outages by PUC Cause

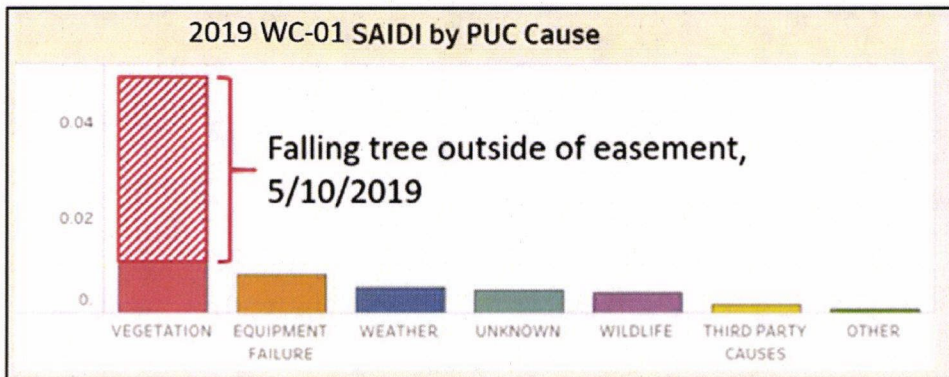


Figure 2 - 2019 West Columbia Outages by PUC Cause

In 2019, the May 10th storm accounted for approximately 70% of all circuit SAIDI minutes, when a tree outside the easement fell into the primary, causing the circuit to lockout. See Figure 2 for more details. Had this outage not occurred, WC-01 would not have been a repeating 300% circuit.

Actions Taken:

CenterPoint Energy proactively identified WC-01 as a potential repeating 300% circuit in July of 2018 and created an action plan to address the poor performance.

- WC-01 was trimmed in Q2 of 2018
- Circuit Inspection in 2018
- Infrared inspection in 2018
- Reliability Dollars Spent in 2018
 - Capital = \$204k
 - Replaced poles, wires and equipment
 - Trimmed trees
 - Maintenance = \$115k
 - Replaced cross arm braces
 - Reviewed coordination of fuses and recloser
- Dollars Spent in 2019
 - Capital = \$92k
 - Installing IGSD = \$55k
 - Maintenance = \$37k

Over the past two years, CenterPoint Energy has spent a total of \$448k to improve reliability on WC-01.