

La Plata Electric Association Inc.

2nd Qtr. 2019 Outage Report-Durango



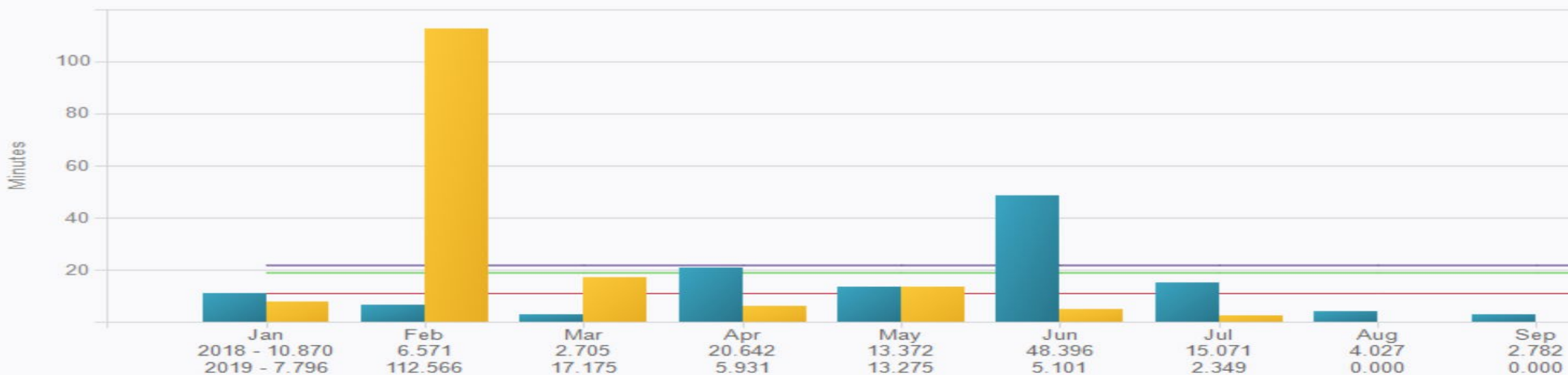
Distributive Utility of the Future

LPEA will strive to improve customer satisfaction in reliability by achieving the upper half of the System Average Interruption Duration Index (SAIDI) within the Key Ratio Trend Analysis (KRTA) of the Colorado peer group

AVERAGE OUTAGE MINUTES PER MEMBER

Monthly SAIDI - 2018 vs 2019

US Median (19.036) CO Median (11.115) Consumer Size Median (21.908) 2018 2019



Q1
2018 - 20.128
2019 - 137.509

Q2
2018 - 82.483
2019 - 24.307

Q3
2018 - 21.866
2019 - 2.349

System Average Interruption Duration Index

SAIDI indicates the total duration of interruption (in minutes) for the average customer within the defined reporting period.

$$SAIDI = \frac{\sum \text{Customer Interruption Durations}}{\text{Total Number of Customers Served}}$$

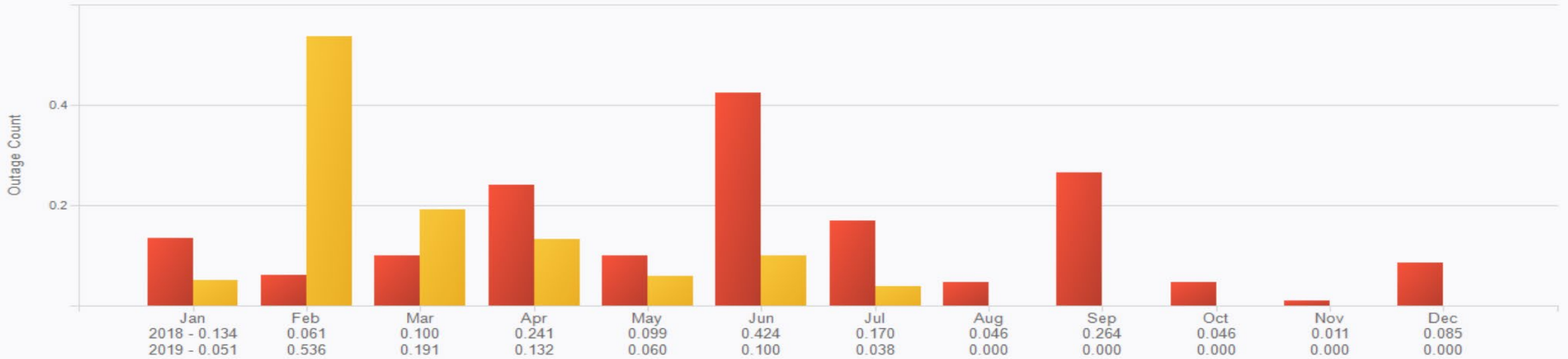
Per IEEE 1366-2003, momentary interruptions and major event day outages are excluded. Interruptions recorded as Customer Responsible are also excluded.

Power Supply & Delivery

Average Interruptions Per Member

Monthly SAIFI - 2018 vs 2019

2018 2019



Q1
2018 - 0.295
2019 - 0.778

Q2
2018 - 0.764
2019 - 0.292

Q3
2018 - 0.480
2019 - 0.038

Q4
2018 - 0.142
2019 - 0.000

System Average Interruption Frequency Index

SAIFI indicates how often the average customer experiences a sustained interruption over the defined reporting period.

$$\text{SAIFI} = \frac{\sum \text{Total Number of Customers Interrupted}}{\text{Total Number of Customers Served}}$$

Per IEEE 1366-2003, momentary interruptions and major event day outages are excluded. Interruptions recorded as Customer Responsible are also excluded.

Power Supply & Delivery

MAJOR OUTAGES 2ND QTR. 2019

Total Outages: 12

Distinct Customers Affected: 7,610

Total Customers Affected: 7,610

Total Customer Minutes: 814,718

Total Customer Hours: 13,578.63

3 Major due to trees

2 Major due to lightning

2 major due to motor vehicle

1 major due to weather

2 major due to switching error

2 major due to maint./design

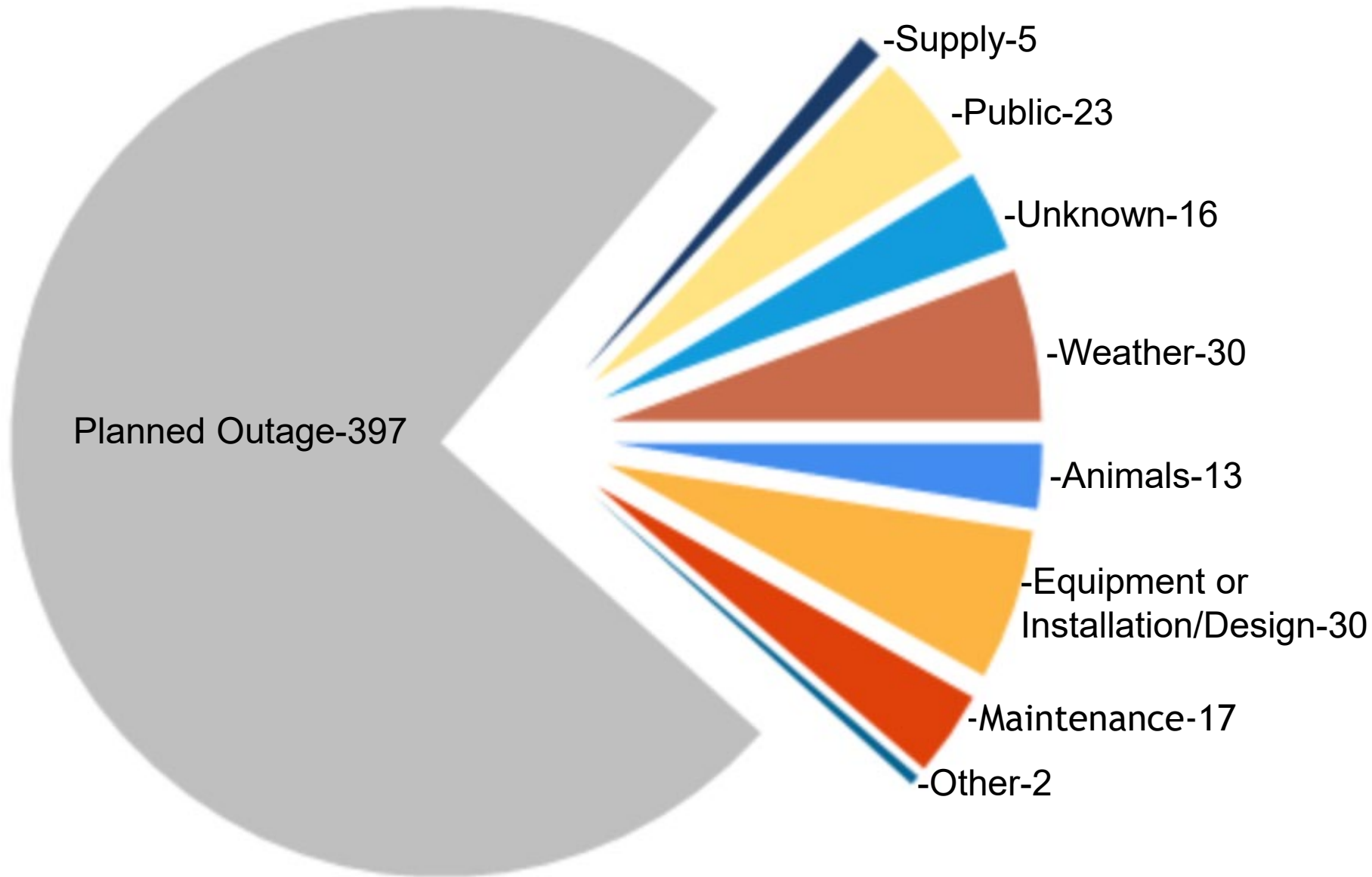
Major outages are defined as--250+ members out of power for 30+ minutes or outages affecting an entire circuit for any length of time.

Power Supply & Delivery

OUTAGE BY CAUSE

2nd Qtr. 2019

District: Durango



SAFETY REPORT

2ND QUARTER
2019



OPERATIONAL EXCELLENCE: SAFETY GOAL

To attain 80% employee attendance company-wide, at each monthly LPEA Safety Meeting

2nd Qtr. 2019-61% employee attendance

Operational Excellence

I. Accident Summary

	YTD 2019	Q1 2019	Q2 2019	Q3 2019	Q4 2019	2018
OSHA Non-Recordable Accidents	1	0	1	0	0	3
OSHA Recordable Accidents/No Lost Time	1	1	0	0	0	3
OSHA Recordable Lost Time Accidents	2	2	0	0	0	2
Totals	4	3	1	0	0	8
Number of Lost Days	7	7	0	0	0	58
Number of Days of Restricted Work	0	0	0	0	0	145


Operational Excellence

Training Completed -2nd Qtr. 2019

- ▶ Slips, Trips and Falls
 - ▶ Lightning Safety and Three Point Rule
 - ▶ NERC Event Report & Com 002-4
 - ▶ Fire Extinguisher Training
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Operational Excellence

Future Training – 3rd Qtr. 2019

- ▶ Pole top /Bucket Truck Rescue
 - ▶ Distractive Driving Training
 - ▶ PPE Training
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