Austin Energy FY2023 Q1 Operations Update

March 2023

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Acting Deputy General Manager & Chief Operating Officer

Agenda

Quarterly Operations Update

Executive Summary

Generator availability on-target

For the quarter, resources met or exceeded availability targets.

Reliability performance stable

Performance is near our top quartile industry benchmark goal and well above Texas utilities average.

Renewable production on-target

For the quarter, aggregate renewable production as a percentage of load at 47%.

Carbon free production on-target

For the months of November and December, 73.5% carbon-free generation as a percentage of load.

Austin Energy Operations Update

Reliability Performance

Generator Commercial Availability

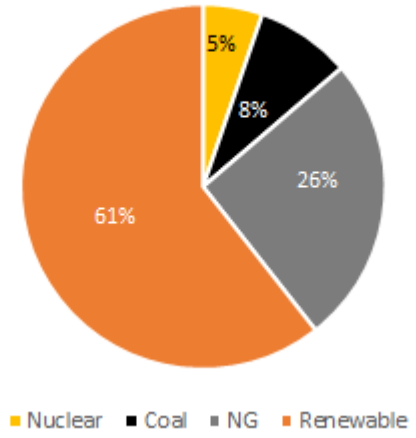
Commercial Availability

Generation Resource	Target Seasonal Commercial % Availability	Commercial Availability Actuals (%)	
		Q4 FY22 AVG	Q1 FY23 AVG
Sand Hill Combined Cycle	95	97	100
Fayette Units	97	97	99
South Texas Project	100	100	100

Commercial Availability values reflect maintenance or refueling outages typical for this period

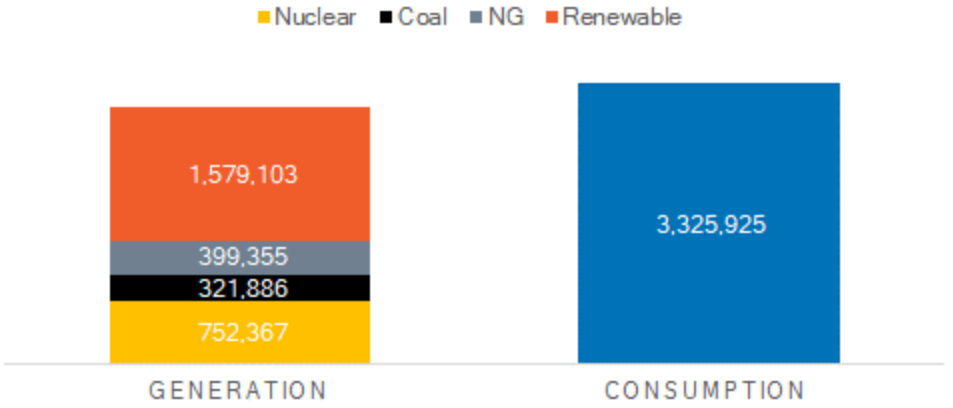
Net Generation and Load Analysis FY 2023 Q1

Power Generation Cost by Fuel Type

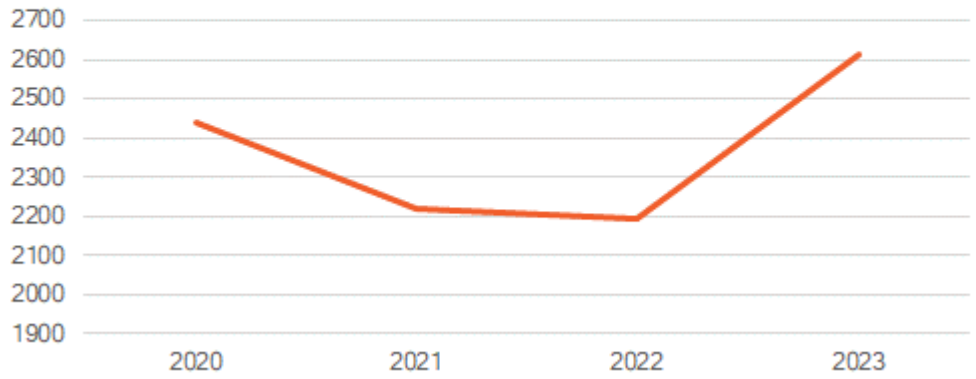


**Costs include fuel for generation, fuel transportation, renewable Power purchases agreements*

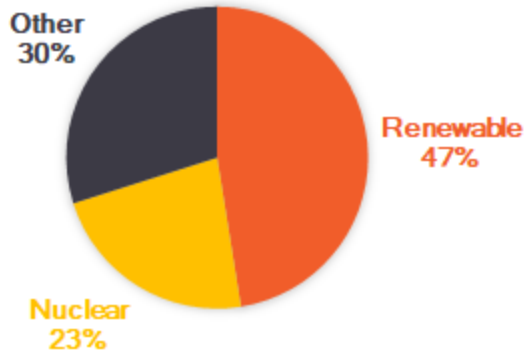
CONSUMPTION VS. GENERATION (MWH)



Historical FY23 Q1 System Peak Demand (MW)



POWER GENERATION AS PERCENT OF CONSUMPTION



System Reliability & Texas Utilities Average

	Austin Energy	Texas Utilities Average
SAIDI - System average interruption duration index (outage minutes per customer per year)	63.40	372.56
SAIFI - System average interruption frequency index (number of outages per year per customer)	0.76	1.81
CAIDI - Customer average interruption duration index (in minutes per outage experienced)	83.42	185.52

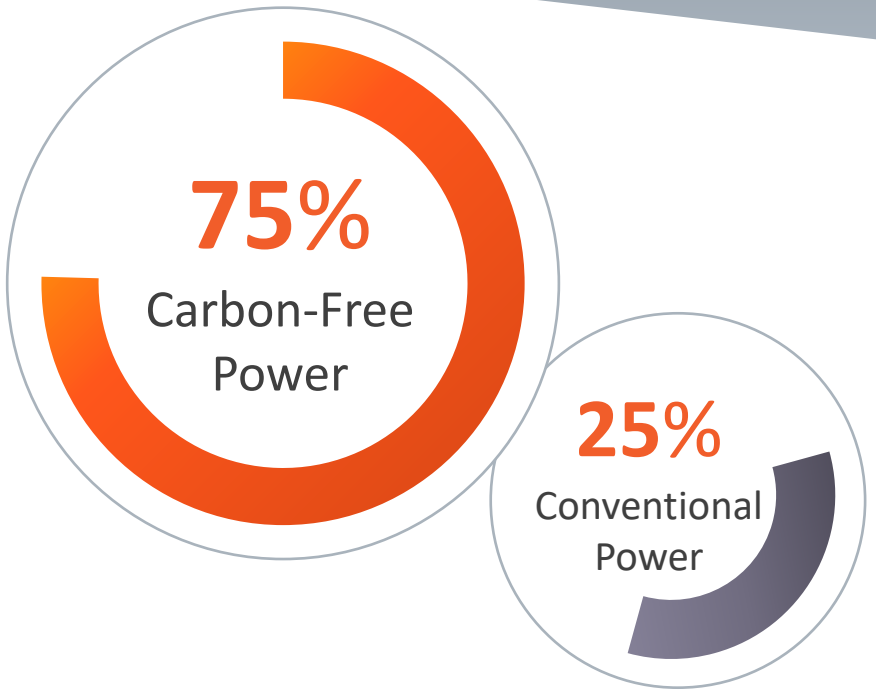
Note 1: Compares AE CY2021 with most recent available EIA data covering CY2021. AE CY2022 data: SAIDI 67.55, SAIFI 0.87, CAIDI 77.64
Note 2: All data excludes Major Event Days

Austin Energy Operations Update

Environmental Performance

Current Austin Energy Generation Portfolio

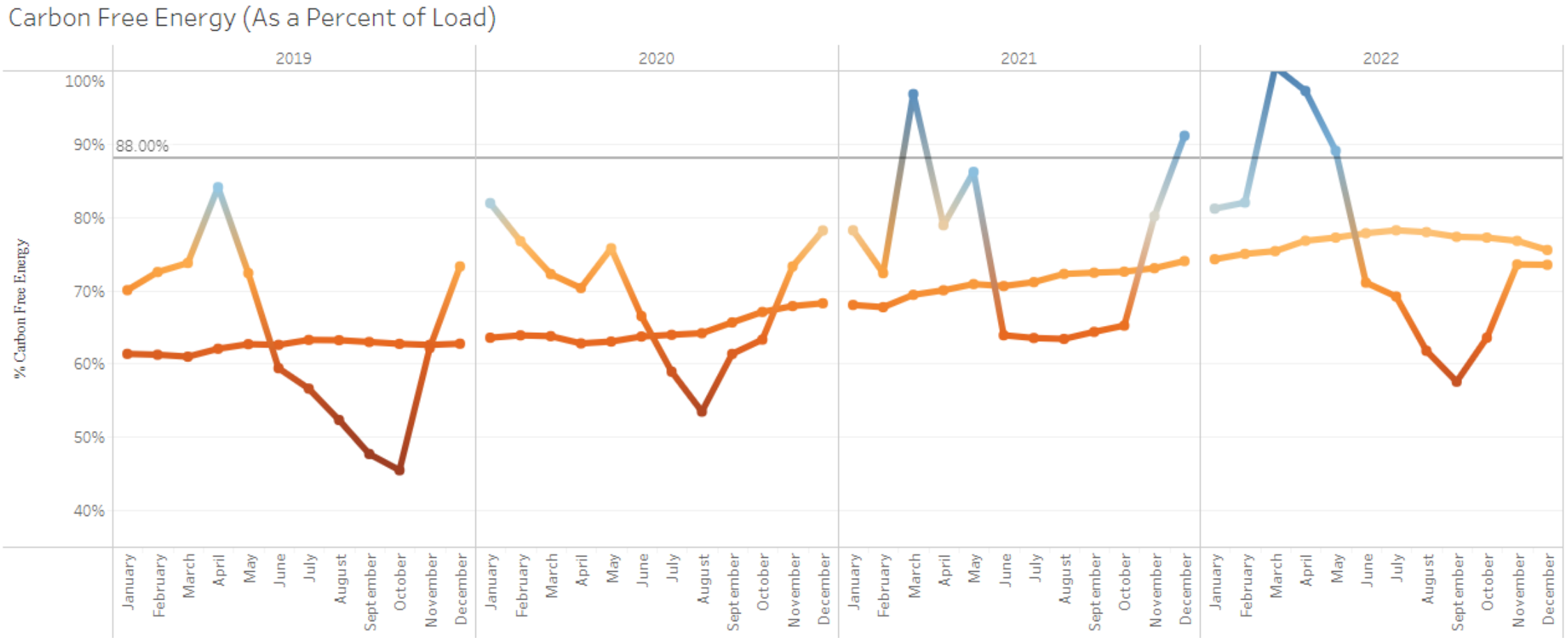
Total Capacity = nearly 4,700 MW



Rolling 12-month Average
Carbon-Free Energy
as a Percentage of Load

- 7 solar farms (966 MW)
- 10 wind projects (1796 MW)
- 3 natural gas plants (800 MW)
  - Sandhill Energy Center (595 MW)
  - Decker quick-start gas turbines (200 MW)
  - Mueller Energy Center (5 MW)
- South Texas Nuclear Project (430 MW)
- Fayette Coal Plant (600 MW)
- Nacogdoches Biomass Plant (105 MW)

Carbon Free Energy



Steep line: month-to-month carbon-free energy as a percent of load

Smooth line: rolling 12-month average carbon free energy as a percent of load

Austin Energy Operations Update

Grid Resilience Strategic Goal

Grid Resilience Initiatives

Austin Energy Strategic Goals

Grid Resilience

Improve Distribution System Reliability

Identify, rank, and address feeder maintenance needs in areas historically impacted by outages. Identify, rank and address system needs in areas most susceptible to wildfire risk.

- Address Top 10 Feeders in both Performance and Wildfire Criticality

Transmission System of the Future

As part of the 2030 resource plan, Austin Energy contracted for a transmission system study to investigate ways to achieve the plan's goals while mitigating the impacts of the loss of generation plants.

- Transmission System Assessment to be complete by June 2023

Austin Energy Grid Resilience

Recloser Applications

Recloser: ERCOT Mandated Controlled Outages (Loadshed)

Objective

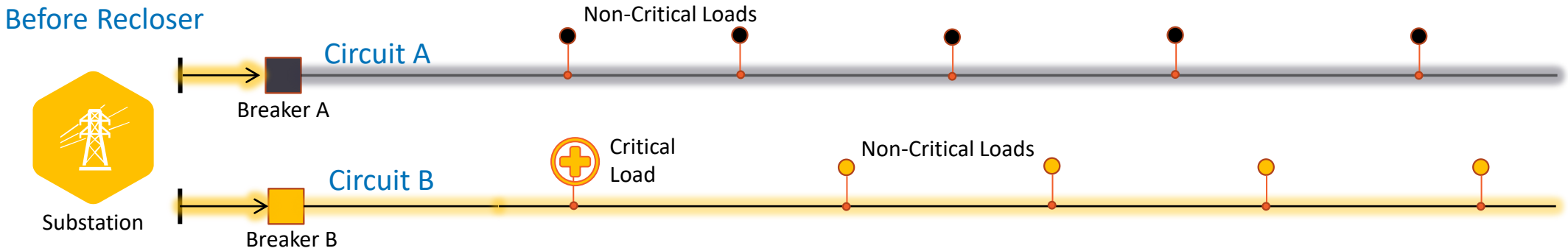
Where feasible, install a recloser after the last Critical Load to include non-critical loads in load shed, if needed.

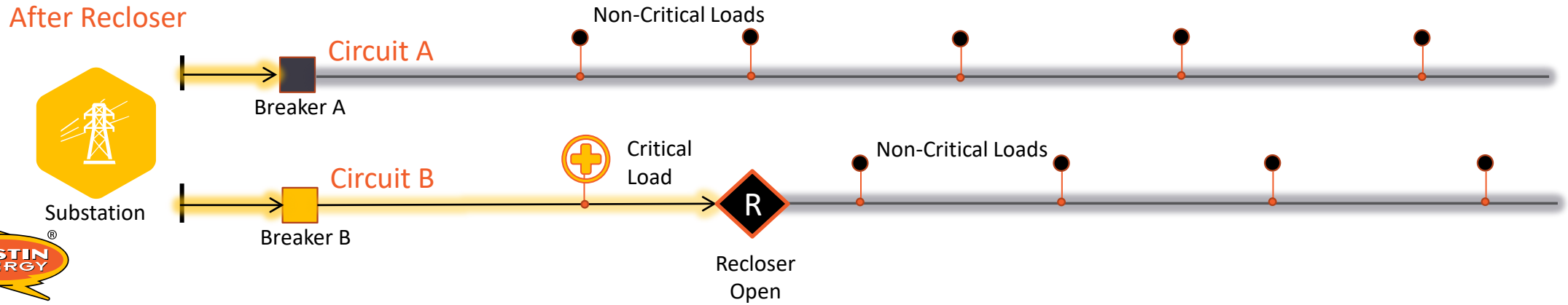
Numbers

- 7 circuits
- + 13 MW

Outcome

Increase the ability for fewer and shorter outages because more circuits are participating in load shed.





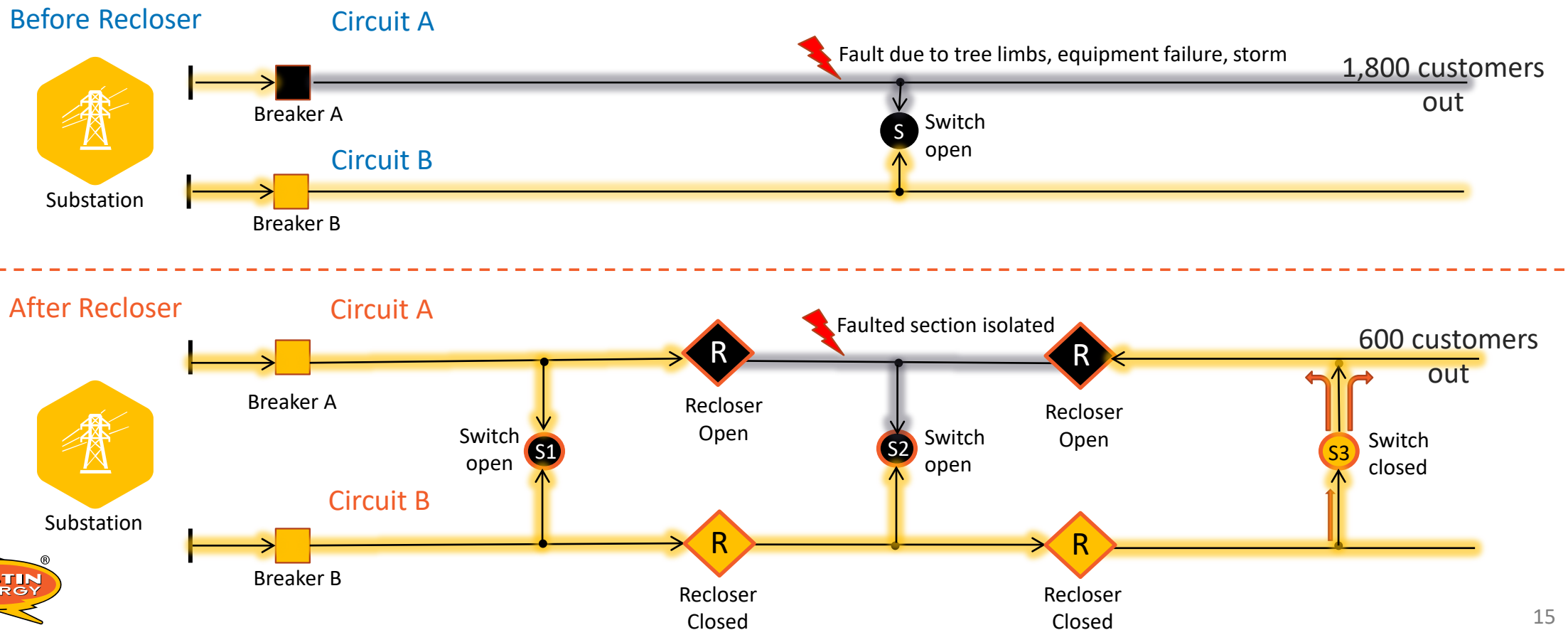
Recloser: Circuit Resiliency

Objective

Increase Austin Energy's ability to rapidly isolate a fault or perform maintenance.

Outcomes

- Fewer customers impacted by planned or unplanned outages.
- Create more paths to providing power.



Customer Driven. Community Focused.SM