

The background of the slide is a blurred image of a library with tall wooden bookshelves filled with books. Overlaid on this background are several realistic water droplets of various sizes, some in sharp focus and others blurred, creating a bokeh effect.

EXECUTIVES PRESENTATION

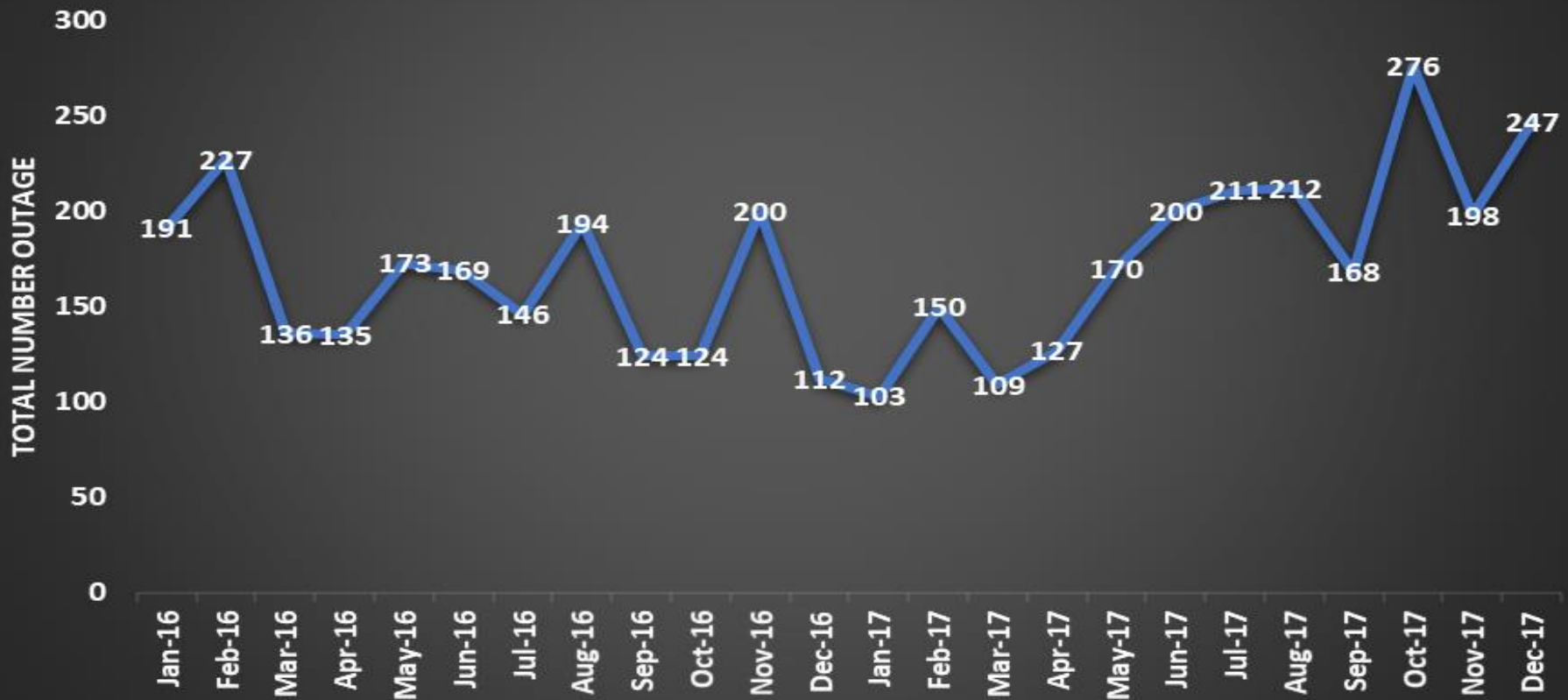
AEMR CASE STUDY

Presented by: Aria Lee

AEMR Energy & Outage Data 2016-2017

Energy Stability is challenged by increasing number of outages events by 28% from 2016 to 2017, and increasing average outage duration(+41%), resulting in energy losses and decline in market reliability due to forced outage events reported by providers.

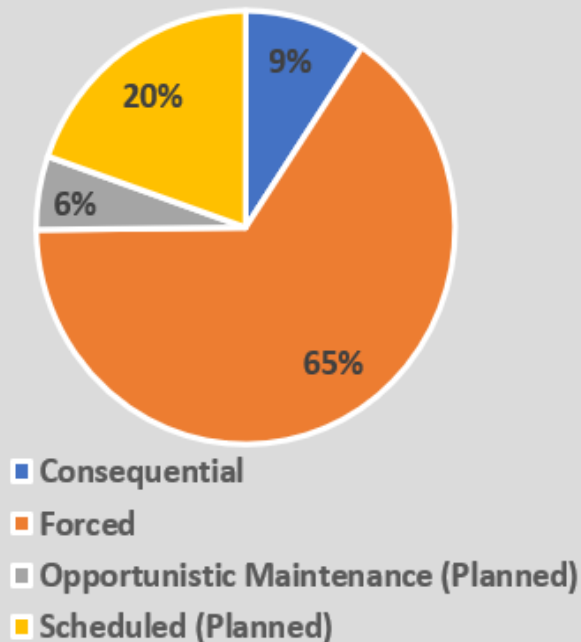
Total Number of Outage Events in Month 2016-2017



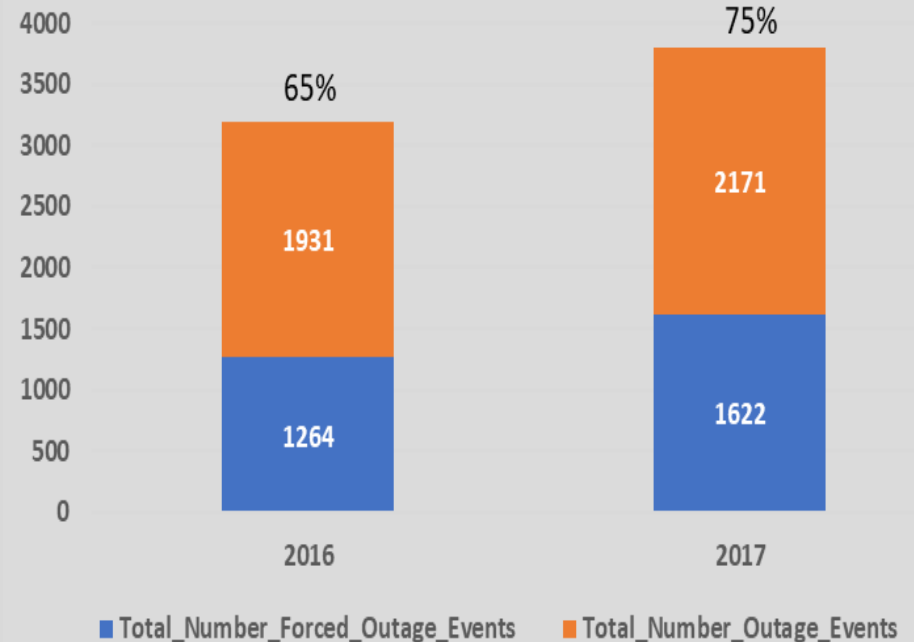
Forced Outage type -- Majority of Reason for Outage in 2016-2017

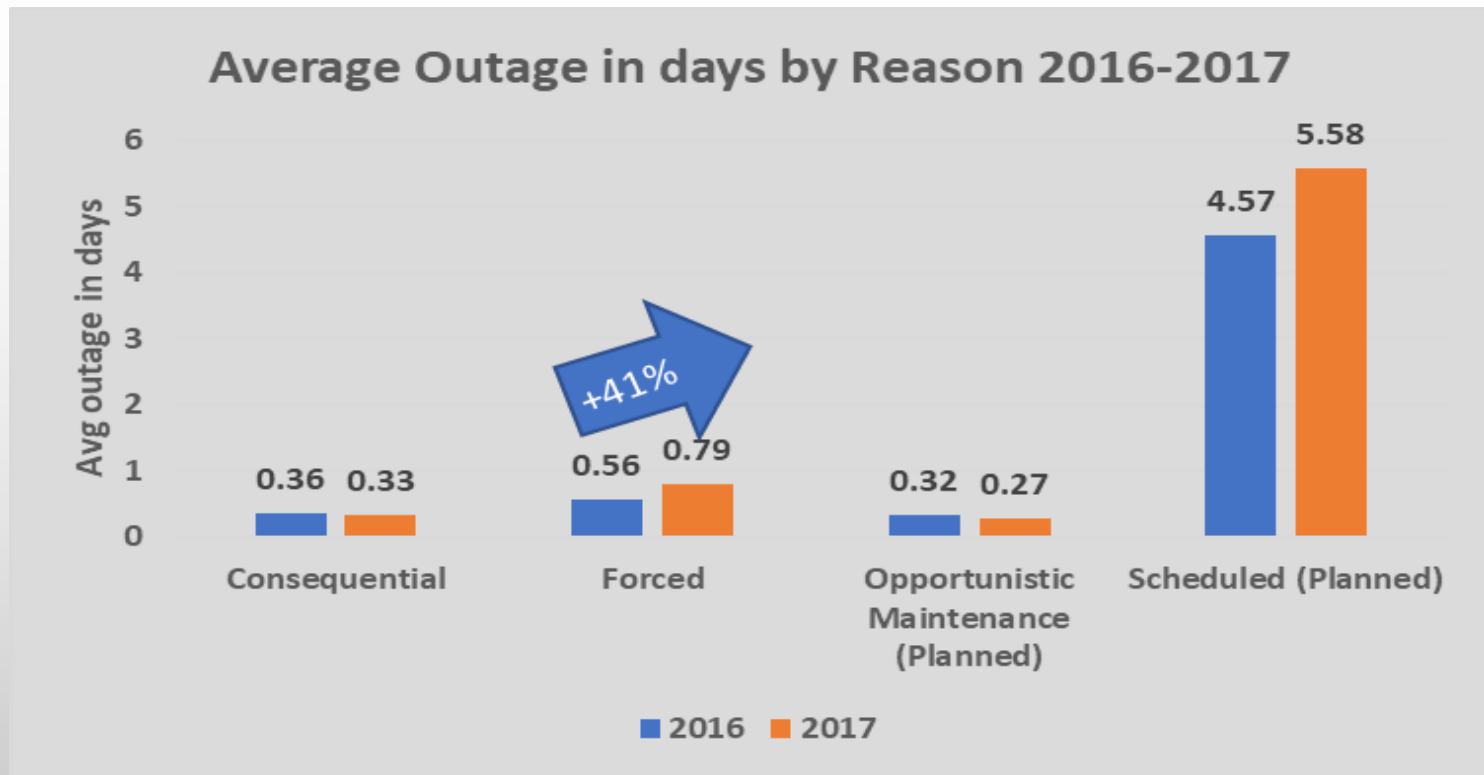
Forced average duration – 75% of Total Outage Events in 2017

Total Number Outage Events by Reason



Forced Percentage in 2016 and 2017

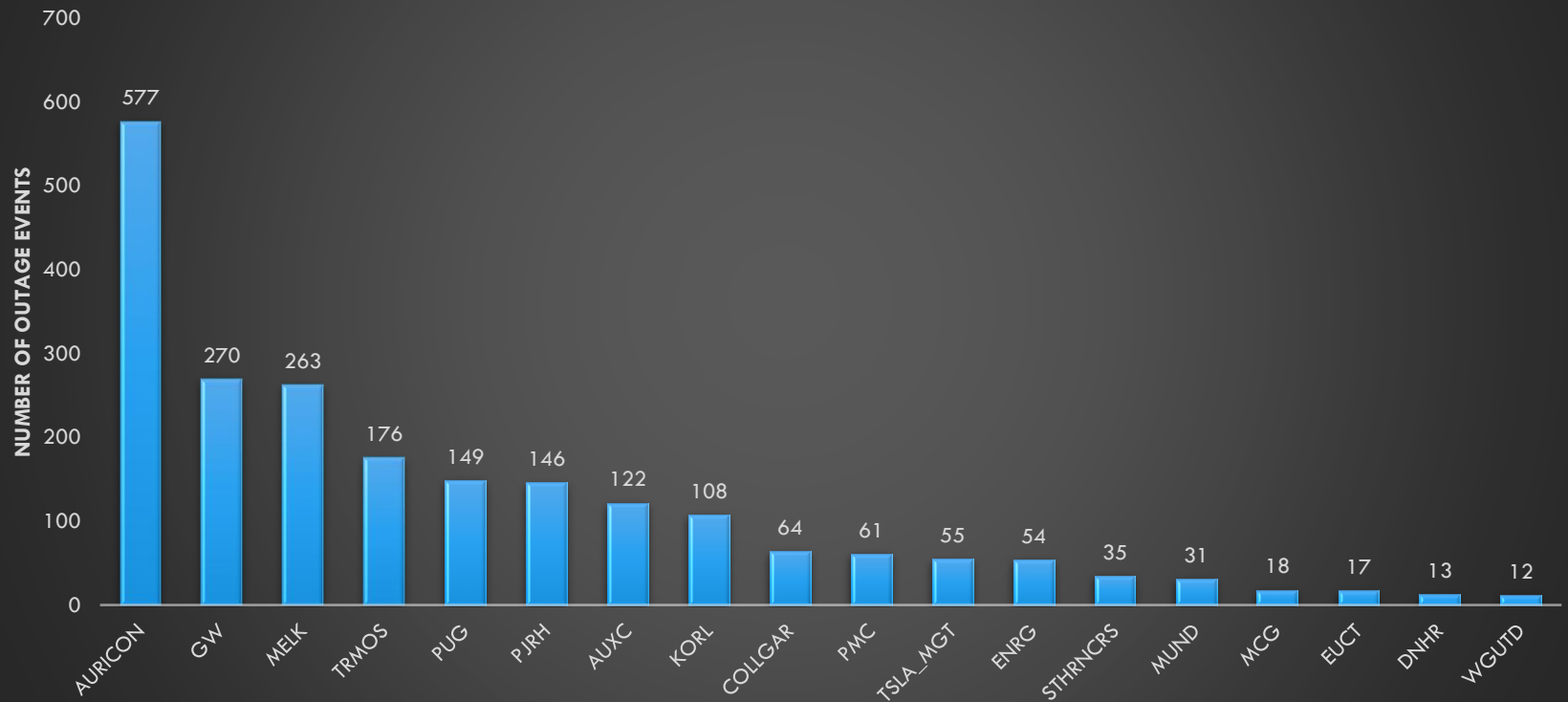




MOST COMMON OUTAGE TYPES – FORCED

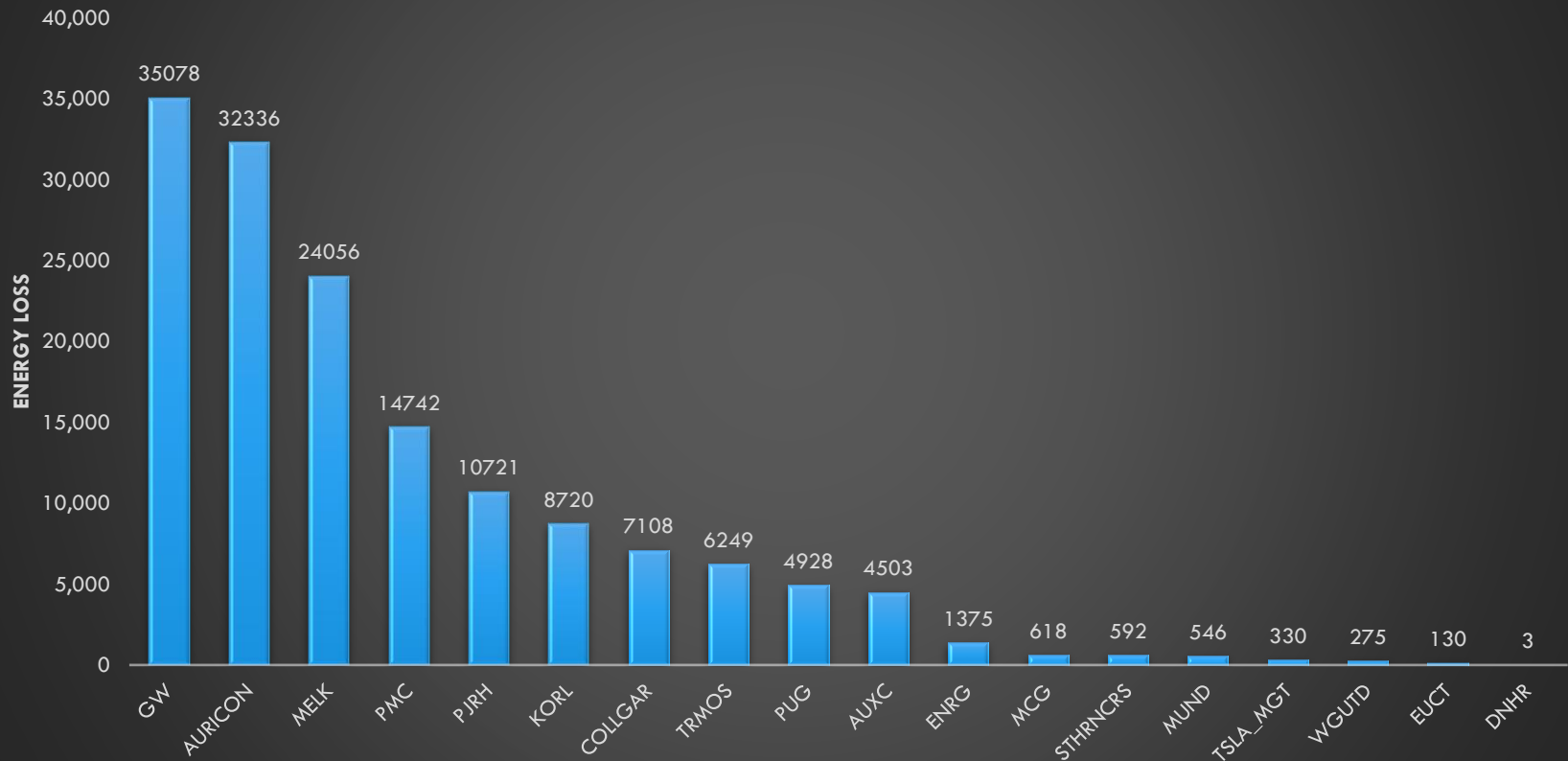
OUTAGE DURATION INCREASED

Outage Events by Participant 2017



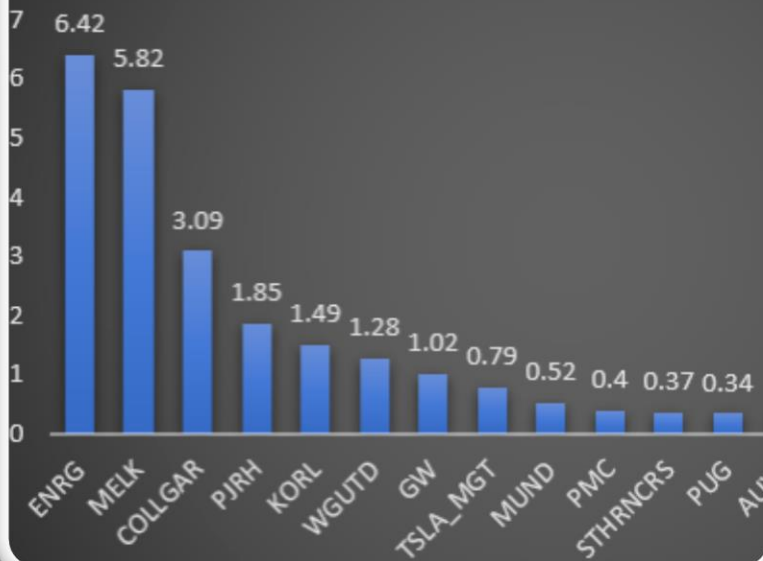
**AURICON & GW -- MAJORITY OUTAGE
EVENTS IN 2017.**

Energy Loss by Participant 2016-2017

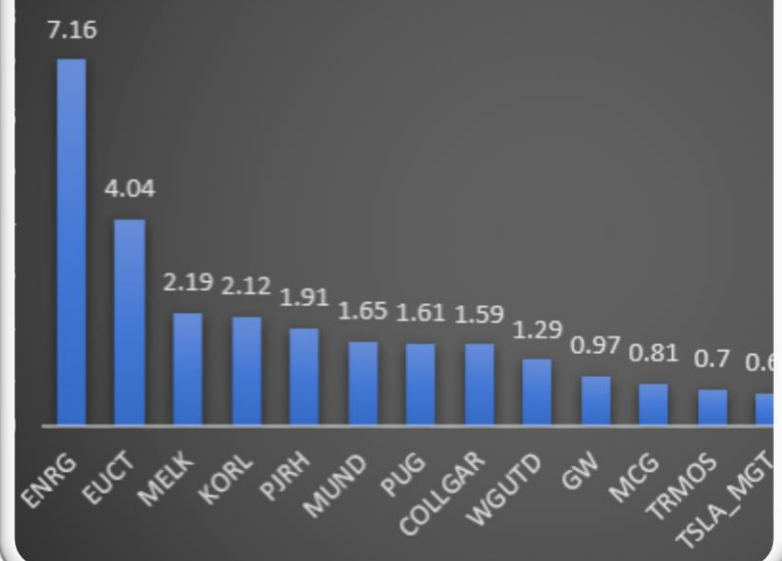


**GW, AURICON & MELK -- MAJORITY OF
ENERGY LOSSES (60%) IN 2016-2017.**

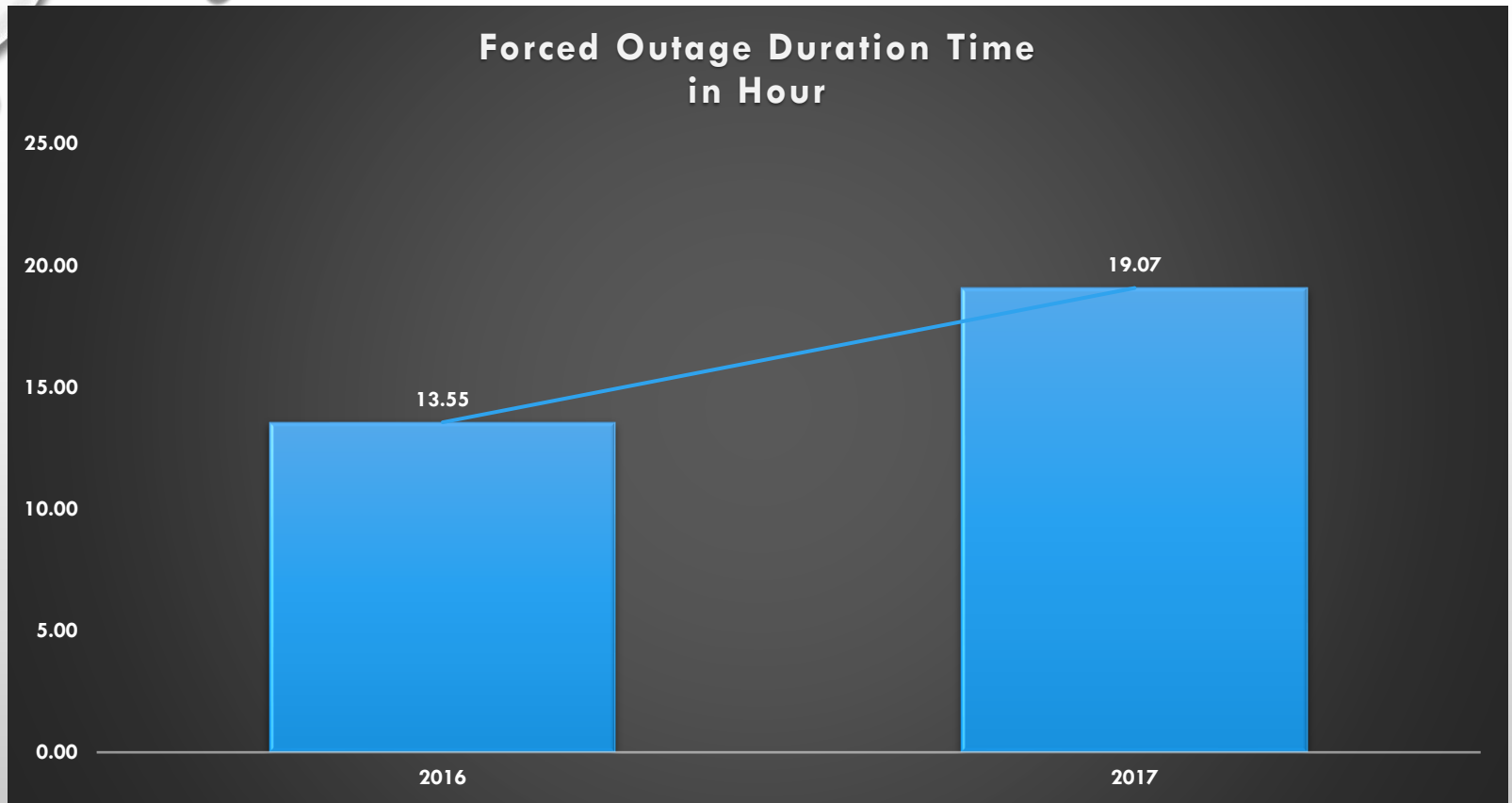
2017 Outage Duration in Days



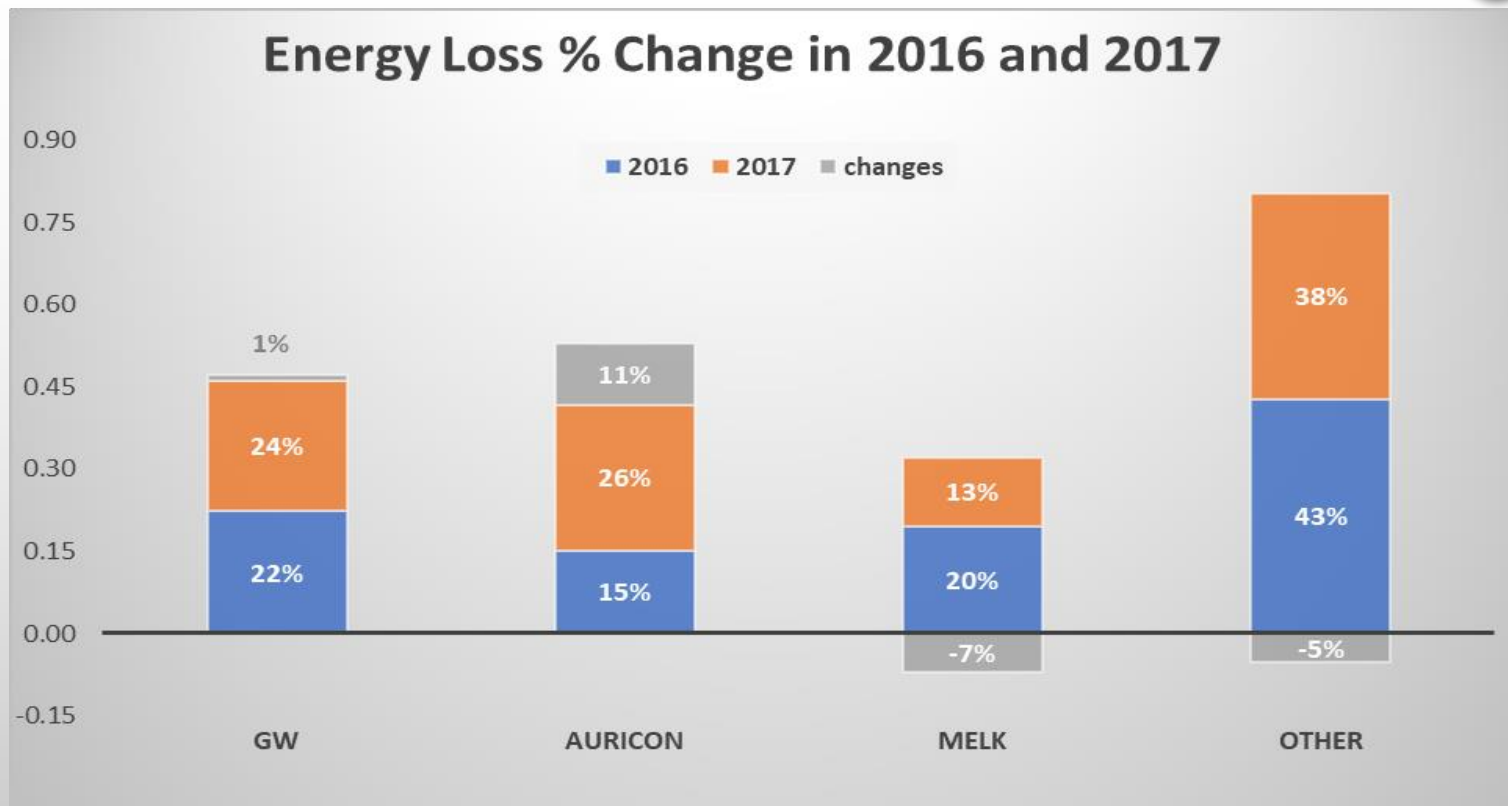
2016 Outage Duration in days



ENRG OUTAGE DURATION THE MOST IN BOTH 2016 AND 2017



**INCREASED DURATION TIME
FROM 2016 TO 2017**



**AURICON & GW -- LESS RELIABLE PROVIDERS
IN 2017
OTHER PROVIDERS -- MORE RELIABLE.**



THANK
YOU

QUESTIONS