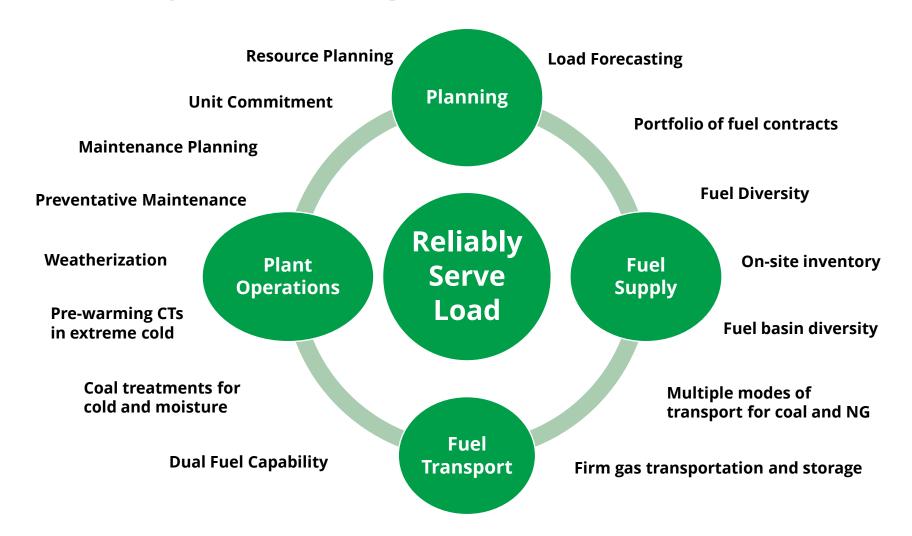
## Generation Reliability Planning and Winter Storm Elliott



Lonnie E. Bellar Chief Operating Officer February 2, 2023



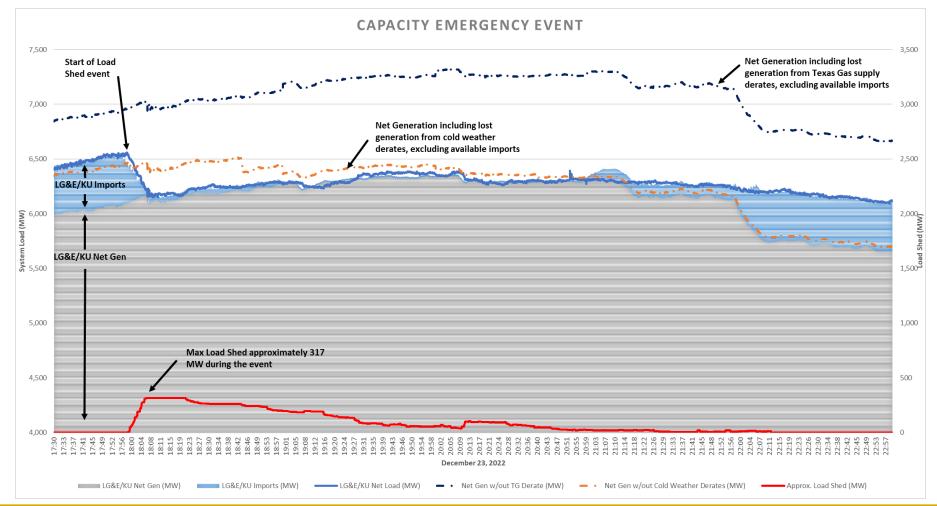
### Quantitative risk management processes focus on reliable generation operations around the clock



#### **Companies were prepared for winter storm Elliott**

- Long-term planning process ensured adequate capacity and reliable fuel supply/transportation to serve extreme cold and manage through historical generation outage events
- Short-term operational planning and actions incorporated forecasts of extreme cold
  - Plants implemented cold weather operation plans
  - Necessary volumes of natural gas were purchased
  - Generating units were brought on-line before extreme cold set in

# December 23 load shed was driven by loss of 900 MW of gas generation due to unexpected low pressure on Texas Gas Transmission pipeline



#### **Preliminary observations**

- Low gas pressure that reduced output of Trimble County gas turbines was a historic first since units began operations in 2002
- Low gas pressure that reduced output of Cane Run combined cycle gas was a historic first since unit began operations in 2015
- The Companies are working with Texas Gas Transmission to address event and reduce risk of future occurrence
- Companies are reviewing their own winter operating procedures to reduce risk of equipment failure