



# 2020 RTP Assumptions Update

December 2019  
RPG Meeting

# Distributed Energy Resource (DER) Modeling and Dispatch

- ❑ Settlement-Only Distribution Generators (SODG) and Distribution Generation Resources (DGR) that are not included in the SSWG base cases will be modeled as simple model generators.
- ❑ DERs modeled as negative load in the SSWG base cases will be converted to simple model generators.
- ❑ The dispatch of DERs is to be determined.

# Energy Storage Modeling and Dispatch

- ❑ Energy storage unit will be kept offline in the reliability portion of the 2020 RTP.
- ❑ Assumptions for the energy storage in the 2020 RTP economic analysis are to be determined.

# Load Loss Threshold Update for Cascading Analysis

- ❑ NERC Methods for Establishing IROs Task Force (MEITF) recommended using 2000 MW load loss caused by instability, Uncontrolled Separation, or Cascading as the threshold for the establish of IROs.

[https://www.nerc.com/comm/PC/Methods%20for%20Establishing%20IROs%20Joint%20Task%20Force%20ME/MEITF\\_IROL\\_Framework\\_Assessment\\_-\\_2018-08-21.pdf](https://www.nerc.com/comm/PC/Methods%20for%20Establishing%20IROs%20Joint%20Task%20Force%20ME/MEITF_IROL_Framework_Assessment_-_2018-08-21.pdf)

- ❑ 2020 RTP will adopt the recommendation by changing the load loss threshold from 6% of ERCOT load to 2000 MW.

# Questions or Comments

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