



Education on Status Quo of Synchronized Reserve Performance Measurement

Scott Benner, Sr. Lead Engineer,
Advanced Analytics
July 30 DER Subcommittee

- Manual 11 Section 4.2.11, SR performance is difference between:
 - Lowest value +/- 1 minute around Synch event time
 - Highest value +/- 1 minute around 10 minutes after Synch event time
- If event ends before 10 minutes, no penalty is assessed
- Penalties if output response did not increase by Tier II assignment by the 11th minute, or reduces response before the end of the event.

- Gens use real-time telemetry, DR uses 1-minute meter readings.
- Demand response “Batch load” resource rules (by exception):
- SR performance is difference between:
 - Consumption at end of event
 - Consumption within a 10 minute period following the event
“provided that all subsequent minutes following that minute are no less than 50% of the consumption in that minute.”