

Enhanced Supplemental Service Principles

ACS Forum – April 23, 2013

Pre-decisional – For discussion purposes only



Presentation Objectives

- Present principles and describe practices in deploying Enhanced Supplemental Service (ESS)
- Address questions and concerns that may exist

Enhanced Supplemental Service

- Allows for the short term acquisition of balancing resources by wind generators to reduce the number and/or magnitude of DOS 216 curtailment or limit events.

Deployment Principles

- Enhanced Supplemental Service resources will be deployed when Reserves Deployed exceeds 90% available.
- All available resources will be deployed.
 - INC resources for a DSO 216 Curtailment Event
 - DEC resources for a DSO 216 Limit Event

Deployment Principles Continued

- Each resource will be represented by a Capacity e-Tag
- When needed, each e-Tagged resource will be fully deployed via an e-Tag adjustment
- Deployments will remain in effect for the remainder of the hour unless reserves deployed is significantly corrected

Effects of Deployment

- DSO 216 Curtailments and Limits will be mitigated by the MW of ESS deployment
- Generation Imbalance will be reduced by the integrated value of the ESS deployment

Operational Prequalification of Balancing Resources

- Designed to ensure the ability to deliver reserves
- Likely different requirements for resources internal to BPAT vs. external to BPAT

Questions?