NERC Control and Reserves Planning Standards
Integrated Overview

For Future Review by: NERC RS, FRSDT and BARCS DT Members
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NERC Propose Standards for Control and Reserves

Reserves Types and Corresponding Planning Standards

- Operating Reserve Planning Standards for Balancing Authority, Reserve Sharing Group
  - Contingency Plan Implementation BAL-013
  - Contingency Reserve Plan BAL012
  - Regulating Reserve Plan BAL012
  - Frequency Response Plan BAL012

Generation-Load Requirements

- Generation not available
- Additional generation-load available beyond 15-min. including use of capability for emergencies only.
- Generation and Load not synchronized but able to respond in less than 15-Minutes
- Excess generation capability synchronized for governor response
- Additional generation capability available for AGC
- Additional generation capability available for AGC
- Current generation synchronized but not On-AGC
- Additional Capability available beyond 15-min
- Must Run minimum generation

Balancing Control Types and Corresponding Control Standards

- For Contingency Control BAL-002 DCS
- For Primary Control BAL-003 FreqResponse
- For Secondary Control BAL-001 CPS1 & BAAL
- For Tertiary Control Reserves BAL-012/013

NOTE: CERTS interpretation of propose NERC control and reserves standards as of 11/11/11