



# Gas Unit Commitment Coordination

## June 23, 2014

## Winter Testing (OC)

1. Review data on the PJM “Polar Vortex” event
2. Education on preparation and
3. Include re
4. Prior requ associated e
5. Investigate requirements
6. Consider g preparation d

## Generation Capacity Resource Performance (MRC)

### Gas Unit Commitment Coordination (OC)

1. PJM unit commitment practices for units requiring advance notice for fuel procurement, long lead unit commitment procedures for units with greater than 24 hour startup and notification times.
2. Develop methods to ensure long lead generation commitments are accurately reflected in Day- Ahead market.
3. Review current market rules and data fields for flexibility of generator startup time and notification time data fields in unit offer data
4. Process to track dual fuel capability and availability in real-time, including requirements and rules to switch schedules
5. Consider the following topics:
  - Economic vs. reliability outages
  - Outages that impact Equivalent Forced Outage Rate Peak (EFORp)
  - Outages considered out of management control

**MIC**

**EMUSTF**

- Protocols and timeline for gas schedules and commitments
- Coordination issues experienced during cold and hot weather events
- Existing Market and Operations rules for generator startup time and notification time data
- Currently pending and FERC filings for gas schedule coordination
- Current Tariff and OA language in place for gas schedule coordination
- Economic vs. reliability outages
- Outages that impact Equivalent Forced Outage Rate Peak (eFORp)
- Outages considered out of management control
- “Firmness” of PJM operator unit commitment decisions outside of the Day-Ahead market (focus on communications)
- Obligations of PJM capacity units with respect to fuel availability