M14D, Generator Operational Requirements
Revision 29 Proposed Changes

July/August/September 2014 Committee Meetings
• **Annual review for 2014**

• **Section 4, Data Exchange and Metering Requirements:** Added Section 4.1.2 Jetstream and renumbered subsequent sections
  – Jetstream improves the reliability, security and usability of the existing system which connects small generators, load response assets and other market participants to the PJM Energy Management System
  – Existing “ARCOM” links will continue to operate and will be transitioned to Jetstream over the next several years

• **Section 5.3.4, eDART:** Updated description
  – Updated the description of the eDART tool to include additional functionality
• Section 7.1.3, Notification to PJM for Reactive Power Resource Status during Unit Start-up: Added the words “real-time” to align with NERC Reliability Standard VAR-002-2b
  – Revised for additional clarity

• Section 7.3.3, Unplanned Outage: Added reference to reporting conditions that may affect the availability of resources providing PJM Black Start Service

• Section 7.3.4, Generating Unit Reactive Capability Reporting: Clarified that separate notifications are required for each automatic voltage regulator outage and each power system stabilizer outage
  – Revised for additional clarity
• Section 8.2.3, Real Time Meteorological Tower: Revised for consistency with Tariff and Interconnection Service Agreement requirements
  – PJM OATT revised effective 5/19/14 requiring additional meteorological data
• Attachment D, PJM Generating Unit Reactive Capability Curve Specification and Reporting Procedures: Revised to include synchronous condensers and generator MVAR testing at minimum output
  – Revised for consistency with reactive testing requirements
Attachment E, PJM Generator and Synchronous Condenser Reactive Capability Testing: Revised title and language to align with NERC Reliability Standard MOD-025-2

- Revised per presentations given at the June 25, 2014 SOS and July 8, 2014 OC meetings

- Provides additional operational data without needing separate testing to meet the NERC and PJM requirements
• Attachment F, Generator Reactive Capability Test Study Process: Deleted Attachment F due to being outdated and replaced with an internal PJM process.
  – PJM Reliability Engineers now follow an internal process to study the potential effects of generator and synchronous condenser reactive testing

• Attachment M, Wind Unit Dispatchability Check List, Section III, 2.e: Revised language to reflect a change to the SCED logic to improve constraint control and price formation
  – Revised to reflect current SCED logic
Next steps

- Committee Presentations
  - SOS July 30, 2014 and August 27, 2014
  - OC August 5, 2014 and September 4, 2014 (request endorsement)
  - MRC August 21, 2014 and September 18, 2014 (request endorsement)

- Potential effective date October 1, 2014

- Questions?

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