

**Reliability Standards and Compliance Subcommittee
Meeting and WebEx
Friday, October 16, 2020
0900 to 1000 EPT, Valley Forge**

1) Administration

a) Call to Order

Subcommittee Members:

Mark Holman, Chair	Manager, Reliability Compliance Department.
Thomas Moleski, Secretary	Sr. Compliance Specialist, Reliability Compliance Department.
David Fusek	Appalachian Power Company
Charles Cumpston	Baltimore Gas and Electric Company
Sean Bodkin	Dominion Virginia Power
John Sturgeon	Duke Energy
Joseph Roettker	Duke Energy Ohio, Inc.
Daniel Gacek	Exelon Business Services Company, LLC
Rajesh Geevarghese	Exelon Business Services Company, LLC
Jennifer Giordano	FirstEnergy Utilities (FEU)
Gizella Mali	FirstEnergy Utilities (FEU)
Richard Straight	FirstEnergy Utilities (FEU)
Mark Garza	FirstEnergy Utilities (FEU)
Mark Klohonatz	FirstEnergy Utilities (FEU)
David Johnston	Indiana Utility Regulatory Commission
John Rainey	Northern Virginia Electric Cooperative
Mahila Christopher	Ohio Public Service Commission
Tomas Rodrigues	Organization of PJM States, Inc.
Preston Walker	PPL Electric Utilities Corp. dba PPL Utilities
Michelle Longo	PPL Electric Utilities Corp. dba PPL Utilities
Mark Berner	PPL Electric Utilities Corp. dba PPL Utilities
Heath Ganssle	PPL Electric Utilities Corp. dba PPL Utilities
Joseph Smith	Public Service Electric & Gas Company
Syed Ahmad	The Federal Energy Regulatory Commission

PJM Staff:

Kristen Foley	Paralegal, Reliability Compliance
Mark Kuras	Sr. Lead Engineer, Reliability Compliance.
Chris Moran	Sr. Analyst, Reliability Compliance.

b) Review of Administrative Documents (Tom Moleski)

- i. Antitrust Guidelines
- ii. Code of Conduct

- iii. Compliance Disclaimer
- iv. Media Statement

There were no questions raised on the Administrative Documents

- c) **Approval of Agenda (Tom Moleski)**
The agenda was approved as presented.
- d) **Approval of the Minutes from the August 21, 2020 RSCS meeting (Tom Moleski)**
The Minutes were approved as presented.
- e) **Approval of the Minutes from the September 18, 2020 RSCS meeting (Tom Moleski)**
The Minutes were approved as presented

2) PJM Compliance Activities

- a) **Manual Updates**
 - i) Manual 14D revision changes (Darrell Frogg)
 1. Section 7.5.1 Generation Resource Operational Exercise
 - No longer PJM administered
 - Provides guidance on timing and scheduling
 - Recommends GO self-scheduled testing
 - Scheduling day-ahead preferred
 - eDART ticket still required
 2. Section 7.1.2 Voltage and Reactive Control
 - Clarified PSS requirement following an AVR replacement
 - Removed reference to email as alternative for voltage schedule communications
 3. Section 7.3 Critical Information and Reporting Requirements
 - Clarified that change of state includes changing output of self-scheduled units that are not following SCED basepoint
 4. Section 7.5.2 Generation Resource Cold Weather Checklist
 - Added clarification on timing based on latest NERC guidance
 5. Section 10.1.2.H Implementation of Black Start Solutions
 - Clarified language regarding Black start terminations
 6. Attachment E: PJM Generator and Synchronous Condenser Reactive Capability Testing
 - Section E.1 Objective
 - Added additional clarification regarding the intent of the testing
 - Section E.2 General Requirements
 - Reworded to improve readability
 - Section E.3 Testing Requirements
 - Clarified testing requirements that apply to units not required to perform a PJM reactive capability test
 - Section E.8 Post-Test Evaluation
 - Clarified the fact that PJM may update D-curve for reliability reasons
 7. Attachment N: Cold Weather Preparation Guideline and Checklist

- Updated to reflect changes suggested in latest NERC Guideline
- Added link NERC Lessons Learned
- Added reference to joint NERC/FERC Report on south central US cold weather event – January 2018
- 8. Section 7.1.2 Voltage and Reactive Control
 - Aligned language with language in Manual 3
- 9. Corrected typographical errors in multiple sections
 - Section 3.2.4 Control Center Staffing Requirements
 - Section 8.2.3 Real Time Meteorological Tower
 - Section 12.2.3 Real Time Meteorological Station
- 10. Appendix ‘A’ Behind the Meter Generation Business Rules
 - Changes to align with current business practices

ii) Manual 10 (Vince Stefanowicz)

1. Section 2.1 Generation Outage Reporting Overview
 - Clarified the difference between eDART and GADS
 - Refined eDART Reportable MW definitions (and basis for eDART tickets)
 - Expanded on when an eDART ticket is required by unit type/status
2. Section 2.1 Generation Outage Reporting Overview
 - Added guidance on the use of “Ambient Air” eDART tickets
 - Added description of Gen Checkout and reference to User Guide
 - Clarified when a Maintenance / Planned outage may be appropriate when coordinated with transmission or pipeline outage
 - Added guidance on the use of “Info Only” eDART tickets
 - Added clarification for reporting of reduction amounts during protracted ramps over multiple days
3. Section 2.2 Planned Outages
 - Clarified that Planned Outages cannot be extended into the Peak Period
4. Section 2.2.1 Planned Outage Request Procedure (31 vs 30)
 - Clarified timeline for submission of Forecasted Planned Outages
5. Section 2.2.3 Planned Outage Extension
 - Clarified what happens if an outage extension is not requested more than 48 hours in advance
6. Section 2.2.4 Planned Outage Restrictions for Black Start Units
 - Clarified requirement for GO to secure TO approval prior to BS Unit outage approval
7. Section 2.3 Maintenance Outages
 - Clarified that back-to-back Maintenance Outages exceeding 9 days are not permitted
 - Clarified that Maintenance Outages cannot be used to extend a planned outage
8. Section 2.3.2 Maintenance Outage Rules
 - Added reference to Recall Date and Forced Date
9. Section 2.3.3 Maintenance Outage Extension
 - Clarified disposition of Maintenance Outage that is not extended in a timely manner
10. Section 2.4 Unplanned (Forced) Outages

– Added language, similar to Maintenance Outage section that clarifies relationship between outage ticket and delivery obligation

iii) Manual 03A (Maria Baptiste)

1. Overall

– Removed 'Electrical Management System' before EMS (Grammatical)

2. Section 1.2.1

– Behind The Meter Generation (BTMG) updated for TOs to reference M14D, Appendix A for all BTMG processes and responsibilities (Per M14D changes effective 9/26/2019)

3. Appendix D, Exhibits 15, 16, 17

– Removed BTMG Modeling Information Forms and Samples (Per M14D changes effective 9/26/2019)

4. Section 3.4 & Section 4.2

– eDART Base Data section of TERM added as correct location for TOs to view impedance information and engineering data for bus connectivity respectively; PJM able to make changes online (no longer need to include in model build) (eDART Base Data implemented 2/13/2020)

5. Appendix A

– TERM Equipment Ratings Update Process revised to reflect current practices and procedures implemented; PJM able to make changes online (no longer need to include in model build); duplication removed (Section updated and clarified; text realigned)

iv) Manual 03 (Lagy Mathew)

1. Periodic Review.

– Updated references to Manual-03B throughout.

2. 3.3.1 – Voltage Limit Exception

– Corrected 138kV PJM baseline limit

3. Section 1, 3 and 4:

– Updated EHV reference by defining EHV and removed duplicate uses.

b) **NERC Standard Drafting Team Vacancies (Tom Moleski)**

There were no NERC Standard Drafting Team Vacancies.

c) **Review of the 2021 RSCS schedule (Tom Moleski)**

Tom Moleski reviewed the proposed 2021 RSCS schedule.

d) **Transmission Owner Compliance Contact List (Tom Moleski)**

Tom Moleski requested that the TO Owner Compliance Contact List be reviewed and updated. Changes can be sent to regionalcompliance@pjm.com

3) FERC, NERC, and Regional Activities

a) **Committee Updates (Mark Holman)**

There were no Committee Updates.

b) **Standards Under Development (Mark Kuras)**

For a full list of Standards Under Development, and a list of future standard enforcement dates, go to: <https://www.pjm.com/-/media/committees-groups/subcommittees/rscs/2020/20201016/20201016-item-03b-reliability-compliance-update.ashx>

c) **Upcoming RF activities**

- i. Technical Talk with RF – October 19 2020 1400 – 1530 (third Monday of each month)
- ii. October 20, 2020 | Webinar RF and MRO Joint Webinar on Align Project Status
- iii. October 30, 2020 - Virtual Compliance Users Group Webinar Meeting

4) Future Agenda Items

There were no suggestions for future Agenda Items.

Suggestions for future agenda items can be sent to the Reliability Compliance team reliability_compliance@pjm.com at any time.

5) Future Meeting Dates*

Friday, November 20th, 2020
Friday December 18th, 2020

*All RSCS WebEx meetings will be at 0900 on the third Friday of every month.

Author: Kristen Foley

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