Summary of M-03A Rev 14 Changes

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Andrew Ford
Model Management Dept.
Andrew.Ford@pjm.com
Overview of M-03A Changes

Overview of Changes – Section 5:

• Focus is on Section 5 updates per TOP-010-1(i) Requirement 3
  – Added Section 5.6: Quality of Analysis Used In Real-time Assessments
• TOP-010-1(i) becomes effective April 1, 2018

R3. Each Transmission Operator shall implement an Operating Process or Operating Procedure to address the quality of analysis used in its Real-time Assessments. The Operating Process or Operating Procedure shall include: [Violation Risk Factor: Medium] [Time Horizon: Real-time Operations]

3.1. Criteria for evaluating the quality of analysis used in its Real-time Assessments;

3.2. Provisions to indicate the quality of analysis used in its Real-time Assessments; and

3.3. Actions to address analysis quality issues affecting its Real-time Assessments.
Overview of Changes (Section 5):

- TO staff shall implement an Operating Process/Procedure to address the quality of analysis used in its Real-time Assessments.
- TO shall have periodic monitoring of solution quality for Real-time Assessments.
  - 30 minute or less frequency, consistent with NERC Standard IRO-008-1, Requirement 2
- TO shall notify PJM when:
  - Analysis quality issues affecting its Real-time Assessment have existed for 30 minutes.
  - Real-Time Assessment quality is back to normal.
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TOP-010(i) has effective date of 4/1/2018
Note: DMS has also reviewed TOP-010-1(i) at mtgs: 11/16/2017, 1/9/2018
Appendix
5.6 Quality of Analysis Used In Real-time Assessments

In accordance with TOP-010-1 R3 when a member TO performs Real-time Assessments, the Member TO shall implement an Operating Process or Operating Procedure to address the quality of analysis used in its Real-time Assessments. The Operating Process or Operating Procedure shall include:

- Criteria for evaluating the quality of analysis used in its Real-time Assessments
- Provisions to indicate the quality of analysis used in its Real-time Assessments
- Actions to address analysis quality issues affecting its Real-time Assessments

When a Member TO performs Real-time Assessments, the Member TO shall have periodic monitoring of quality.* Each TO-defined solution quality criteria for Real-Time Assessment shall have at least a frequency of 30 minutes, consistent with the current NERC State Estimator requirement for solution.**

The Member TO shall notify PJM when:

- Analysis quality issues affecting its Real-time Assessment have existed for 30 minutes. Notification shall be verbally communicated to PJM Control Room and sent to outage@pjm.com with subject line including “Real-time Assessment Notification”.

- Real-Time Assessment quality is back to normal. Notification shall be verbally communicated to PJM Control Room and sent to outage@pjm.com with subject line including “Real-time Assessment Recovered”.

* See NERC Standard TOP-010-1, Supplemental Material – Requirement R3