Operating Committee
PJM Conference & Training Center, Audubon, PA
May 1, 2018
9:00 a.m. – 4:00 p.m. EPT

#### Administration

The Operating Committee (OC) Agenda for this meeting was <u>approved</u> with the addition of Item 19a: Valuing Fuel Security Criteria Review.

The Draft Minutes of the April 3, 2018 Operating Committee meeting were **approved** as drafted.

The Operating Committee Work Plan was reviewed. PJM will continue to solicit input from stakeholders regarding future OC agenda items.

Mr. Don Wallin, PJM, provided an update on the Davis Creek and University Park North RAS/SPS status. The Davis Creek transmission work is complete under eDART ticket number 715341 and the associated RAS/SPS has been retired as of April 30. The University Park North RAS/SPS is expected to be retired after the June 22 completion of eDART ticket number 749273.

## Review of Operations

## **Review of Operational Events**

Mr. Chris Pilong, PJM, reviewed PJM operations since the last OC Meeting.

## **Review of Operating Metrics**

Mr. Joe Ciabattoni, PJM reviewed the April 2018 PJM operating metrics slides from April 1 to April 26. Metrics included PJM's load forecast error, BAAL performance, transmission / generation outage statistics, and Perfect Dispatch historical performance. When the remainder of the April monthly metrics are collected they will be shared with the OC.

### Endorsements/Approvals

### Manual 03 Changes

Mr. Liem Hoang, PJM, reviewed the proposed changes to Manual 03: Transmission Operations. The Operating Committee <u>endorsed</u> these changes by acclamation with no objections or abstentions.

### Manual 14D Changes

Ms. Rebecca Stadelmeyer, PJM, reviewed proposed changes to Manual 14D: Generator Operational Requirements. The Operating Committee <u>endorsed</u> these changes by acclamation with no objections or abstentions.

#### Manual 36 Changes

Mr. Glen Boyle, PJM, reviewed the proposed changes to Manual 36: System Restoration. The Operating Committee **endorsed** these changes by acclamation with no objections or abstentions.

# **TO/TOP Matrix Changes**

Mr. Mark Kuras, PJM, reviewed the proposed changes to the TO/TOP matrix. The Operating Committee <u>recommended approval</u> of these changes to the TOA-AC by acclamation with no objections or abstentions.

## First Readings

## Manual 11 Changes

Mr. Eric Endress, PJM, provided a review of the proposed changes to Manual 11: Energy & Ancillary Services Market Operations. The Operating Committee will be asked to endorse these changes at the next OC meeting.

## Fuel Assurance for Restoration OATT/Manual Changes

Mr. David Schweizer, PJM, provided a review of the proposed changes to the PJM OATT, Manual 12: Balancing Operations, Manual 14D: Generator Operational Requirements and M36: System Restoration in regards to fuel assurance for restoration. The Operating Committee will be asked to endorse these changes at the next OC meeting.

## OC Subcommittee / Task Force Updates (10:00 – 10:30)

## **System Operations Subcommittee (SOS)**

Mr. Chris Pilong, PJM, provided a summary of the most recent SOS meeting.

### Data Management Subcommittee (DMS)

There were no DMS subcommittee updates for this month's meeting.

#### Distributed Energy Resources Subcommittee (DERS)

There were no DERS subcommittee updates for this month's meeting.

### System Restoration Coordinators Subcommittee (SRCS)

There were no SRCS subcommittee updates for this month's meeting.

#### Primary Frequency Response Sr. Task Force (PFRSTF)

Mr. Glen Boyle, PJM, provided an update on the Primary Frequency Response Sr. Task Force (PFRSTF).

### Capacity Performance

#### Performance Assessment Interval Communications Over ICCP Project

Ms. Alpa Jani, PJM, provided an informational update on the Performance Assessment Interval Communications Over ICCP project.

### **Unit Specific Parameter Updates**

Ms. Susan Kenney, PJM, provided an update on the application of Unit Specific Parameters to Base Capacity Resources starting 6/1/2018.

## Markets Gateway Real Time Values Update

Ms. Susan Kenney, PJM, provided an informational update regarding enhancements made to Markets Gateway to improve the communication of certain real time values.

## Tool and Informational Updates

## Valuing Fuel Security Criteria Review

Mr. Dave Souder, PJM reviewed PJM's recent release of <u>Valuing Fuel Security</u> documents. A special MRC Fuel Security Study Discussion session is scheduled May 8, 2018 starting at 9 AM.

# Operating Agreement (OA) Confidentiality Provision

Mr. Dave Souder, PJM, provided a review of an update to the confidentiality provision of the OA to specify that PJM may share member confidential information with reliability entities in addition to NERC.

### Synchronous Reserve Tier 1 Performance Improvement Recommendation Update

Ms. Becky Davis, PJM, provided an update on PJM's recommendations to improve PJM's Synchronous Reserve Tier 1 performance. PJM will share data for spin max vs. eco max analysis for all operating states not just during synchronized reserve events.

### **Regulation Performance Updates**

Ms. Danielle Croop, PJM, provided an update on PJM's regulation performance.

## Automatic CT Call On Update

Mr. Aaron Baizman, PJM, provided an update on PJM's efforts to automatically call-on CTs. PJM will provide additional updates to the OC as the project progresses.

#### Manual 21 Changes

Mr. Jerry Bell, PJM, provided a review of the proposed changes to Manual 21: Rules and Procedures for Determination of Generating Capability.

### **Gas/Electric Contingency Update**

Mr. Brian Fitzpatrick, PJM, provided an update on PJM's gas/electric contingency efforts. PJM will share data regarding gas/electric contingencies that were analyzed as part of documented operating procedures during the Winter 2017-18 period at a future OC session.

#### **Unit Restrictions Reporting & Tracking Update**

Ms. Natalie Tacka, PJM, provided an update on unit restrictions reporting and tracking via Markets Gateway.

### New Markets Gateway Fields to Support Gas Contingency Automation Update

Mr. Augustine Caven, PJM, provided an update on new fields created in Markets Gateway to support gas contingency automation.

# Membership Management Community - Contact Management Update

Ms. Suzanne Coyne provided an update regarding implementing a contact management feature in the new Membership Management Community.

## Operations Assessment Task Force (OATF)

Mr. Rob Dropkin, PJM, reviewed the results of the Summer 2018 OATF Study.

#### **NERC Lessons Learned**

There were no recently posted NERC Lessons Learned reports for this month's meeting.

## **NERC 2017 GridEx IV Lessons Learned Review**

Mr. Don Wallin, PJM, provided a review of the 2017 NERC GridEx IV exercise.

### Reliability Compliance Update

Mr. Mark Kuras, PJM, provided an update on NERC, SERC and RFC standards, and other pertinent regulatory and compliance information, and solicited feedback from the members on Reliability Compliance efforts.

## NERC MOD – 026/027 Standard Compliance Process Update

Ms. Lauren Strella, PJM, provided an update on upcoming changes to PJM's compliance process for NERC standards MOD-026 and 027.

#### 30 Minute Reserve Proposal Update

Mr. Vince Stefanowicz, PJM, provided an update regarding PJM's 30 minute reserve proposals. A discussion was held as to whether a dynamic 30 minute reserve value calculation should be considered vs. a static requirement.

### **Pricing Interface Update**

There were no newly created pricing interfaces.

#### **Action Items**

PJM will provide updates to stakeholders on the ComEd University Park North RAS/SPS retirement if changes are made prior to the July 2018 retirement date.

PJM will share data for spin max vs. eco max analysis for all operating states not just during synchronized reserve events.

PJM will deliver a future education session on the acceptable use/application of IDR (Incremental Deliverability Rights).

PJM will share data regarding gas/electric contingencies that were analyzed as part of documented operating procedures during the Winter 2017-18 period at a future OC session.

PJM will review 30 minute reserves in regards to whether a dynamic 30 minute reserve value calculation should be considered vs. a static requirement.