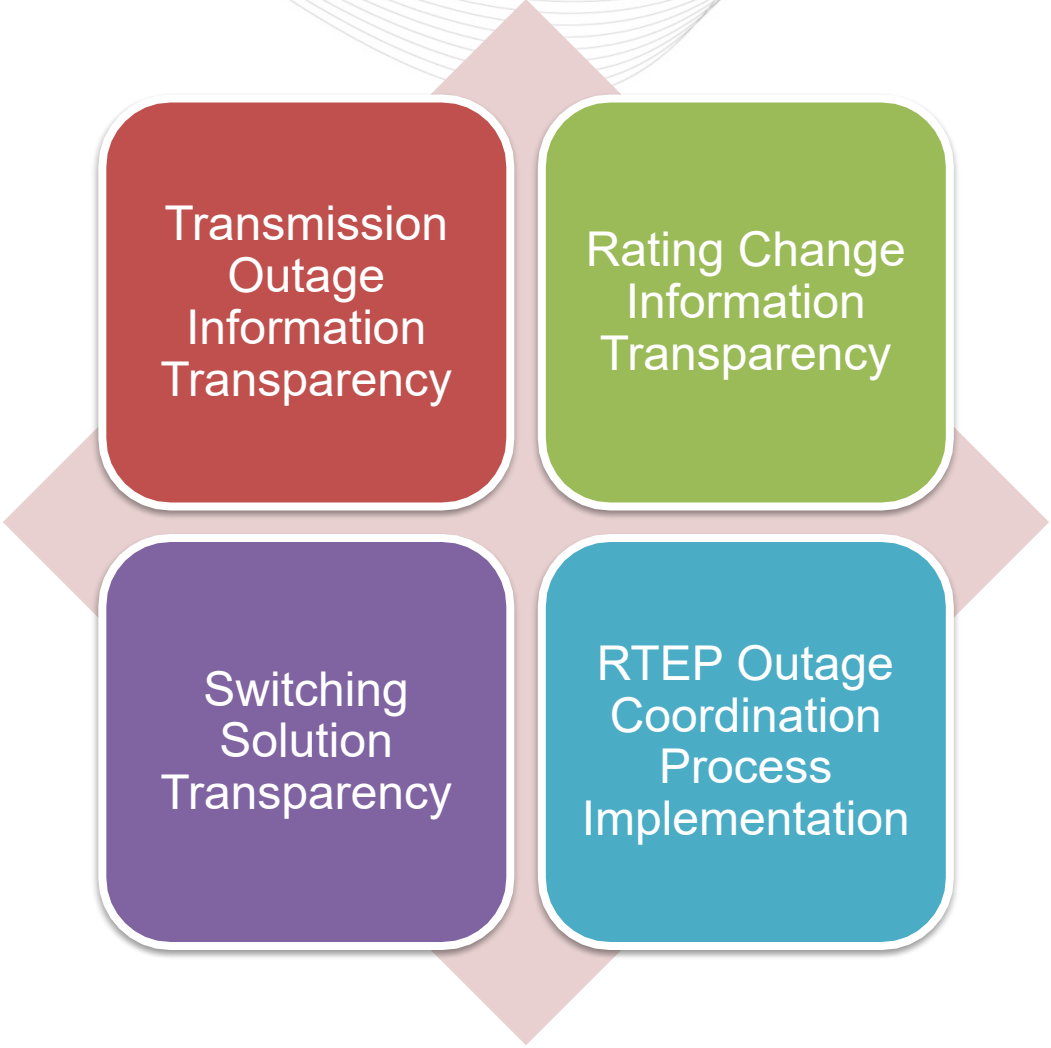




Outage Coordination Package

Paul Dajewski, PJM

Markets & Reliability Committee
September 20, 2023



Transmission Outage Information Transparency

All information currently shared publicly by PJM through PJM's OASIS site plus:

- Provide a timestamp when a ticket was last evaluated by PJM in the 6 Month Out to 2 Day Out period; or, when the status of the At Risk flag was changed
- Include a field to indicate if a transmission outage ticket is considered 'On-Time'

Expected Implementation: First half of 2024

Rating Change Information Transparency

Enhance Rating Information to be consistent with the requirements, including transparency, in FERC Order 881. Requirements are contained in the Order and include:

- Seasonal Facility Ratings
- 10-Day Hourly Facility Rating forecasts, including trackable source material
- Source ratings information, including a description of the nature & basis where applicable, with any known start/end times
- Rating information accessible to OASIS users

Expected Implementation: On or before July 12, 2025

Switching Solutions Transparency

Enhance the PJM Switching Solutions page by:

- Improving internal PJM process to require regular review
- Provide a "Last Updated" timestamp on the PJM Switching Solution page
- Provide bi-annual updates during stakeholder meetings of new, changed, and removed switching solutions alongside Manual M-03 revisions

Expected Implementation: First half of 2024

RTEP Outage Coordination Process Implementation

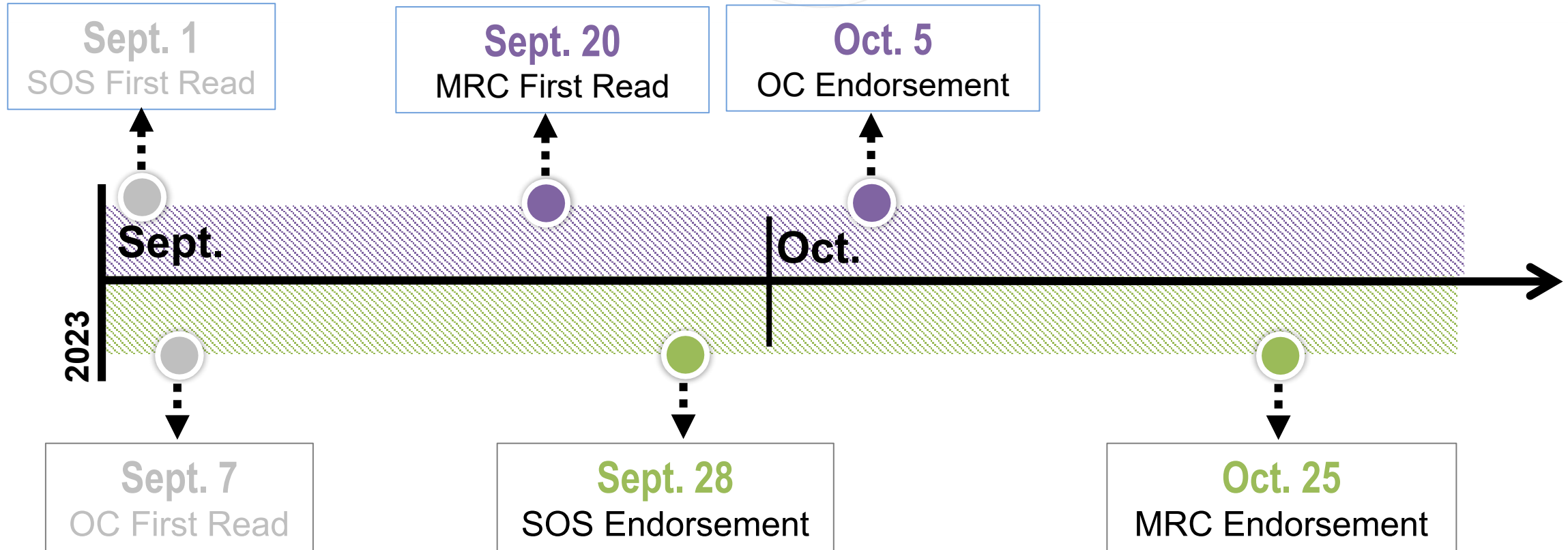
PJM Planning and Operations Planning staff will review the approved RTEP projects to identify projects that may require extended outages. Operations Planning will review specific projects with member Operations Planning staff to confirm if extended outages may be required to implement the RTEP project and to assess the impact of the outages. If the outages are expected to create significant operational issues, mitigation strategies including upgrades to limiting facilities, will be considered.

Expected Implementation: October 25, 2023 upon approval of manual language

- Changes made as a result of the approved OC Outage Coordination issue charge solution package
- Added new section

- Section 2.2.1 Advance RTEP Outage Coordination:

Due to the nature of some RTEP upgrades such as line rebuilds or reconductors and transformer replacements, the associated outage requests have the potential to be of long duration **and may create significant operational issues**. Following the PJM Board approval process, PJM Planning **and Operations Planning staff** will identify a subset of RTEP projects with a projected need for advanced coordination. PJM Planning and Operations Planning staff will work together with the incumbent Transmission Owner to discuss and coordinate outage sequences, and to assess the need for mitigation steps. These mitigation steps may include, but are not limited to, performing upgrades to limiting facilities, relay changes, use of Short-Term Emergency ratings, and installation of mobile capacitor in order to minimize the impact of long duration outages. This type of advanced coordination is required in order to enhance reliability by minimizing conflicts, congestion, and expected outage duration.



Facilitator:
Stu Bresler,
Stu.Bresler@pjm.com

Secretary:
David Anders,
David.Anders@pjm.com

SME/Presenter:
Paul Dajewski,
Paul.Dajewski@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

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