

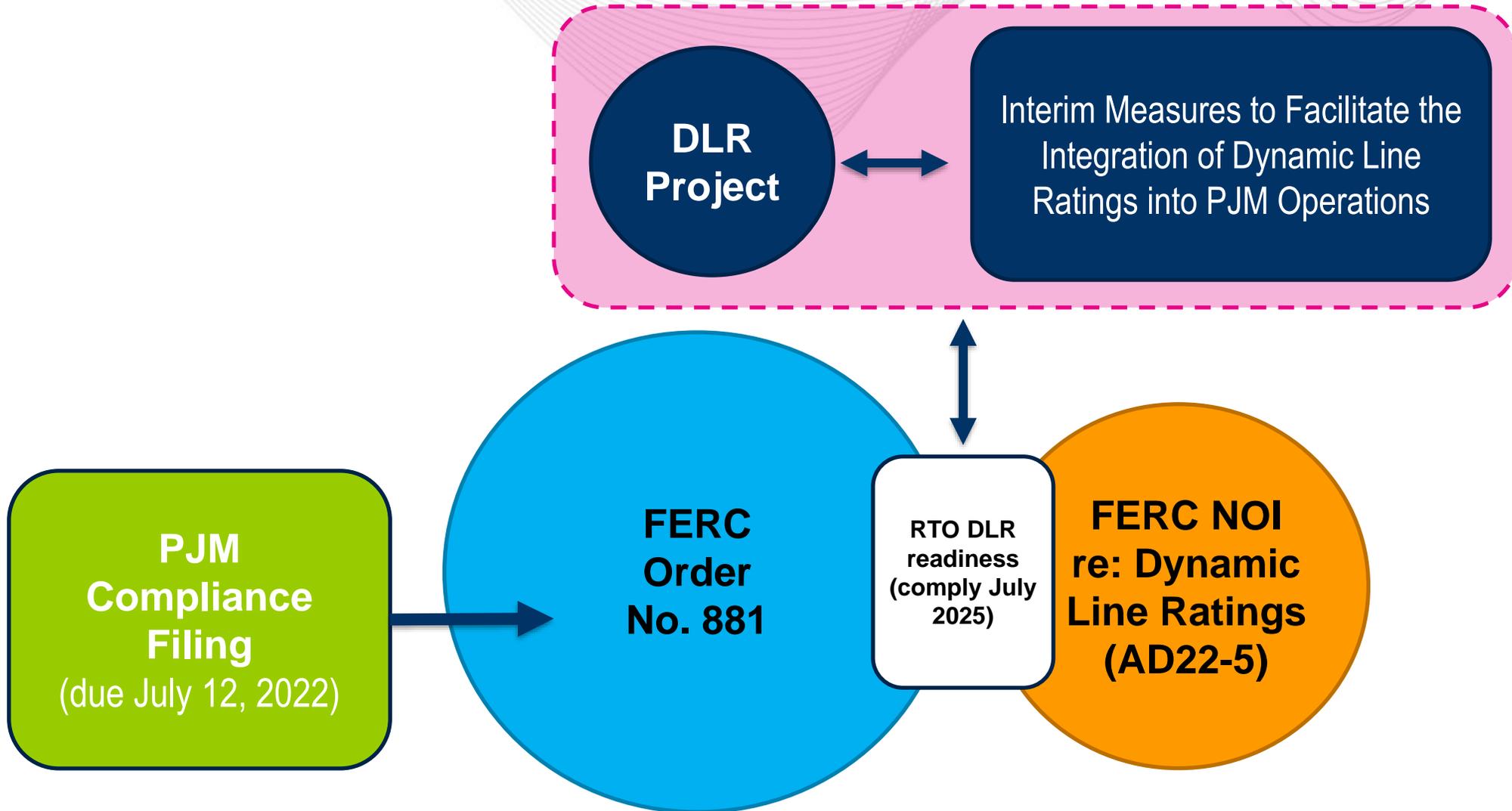
Interim Measures to Facilitate the Integration of Dynamic Line Ratings into PJM Operations

Manuals First Read

Chris Callaghan – Sr. Business Solution Engineer II, Applied Innovation

Bilge Derin – Sr. Engineer II, EMS Support

Markets & Reliability Committee
April 27, 2022



Develop guidance and requirements related to the operational and technical implementation of dynamic rating systems.

Manual 01, Control
Center and Data
Exchange
Requirements
Section 3.2.4

Manual 03,
Transmission
Operations
Section 2.1.1

Manual 03A, Energy
Management System (EMS)
Model Updates and Quality
Assurance (QA)
Appendix A

[Executive Summary of Changes](#)

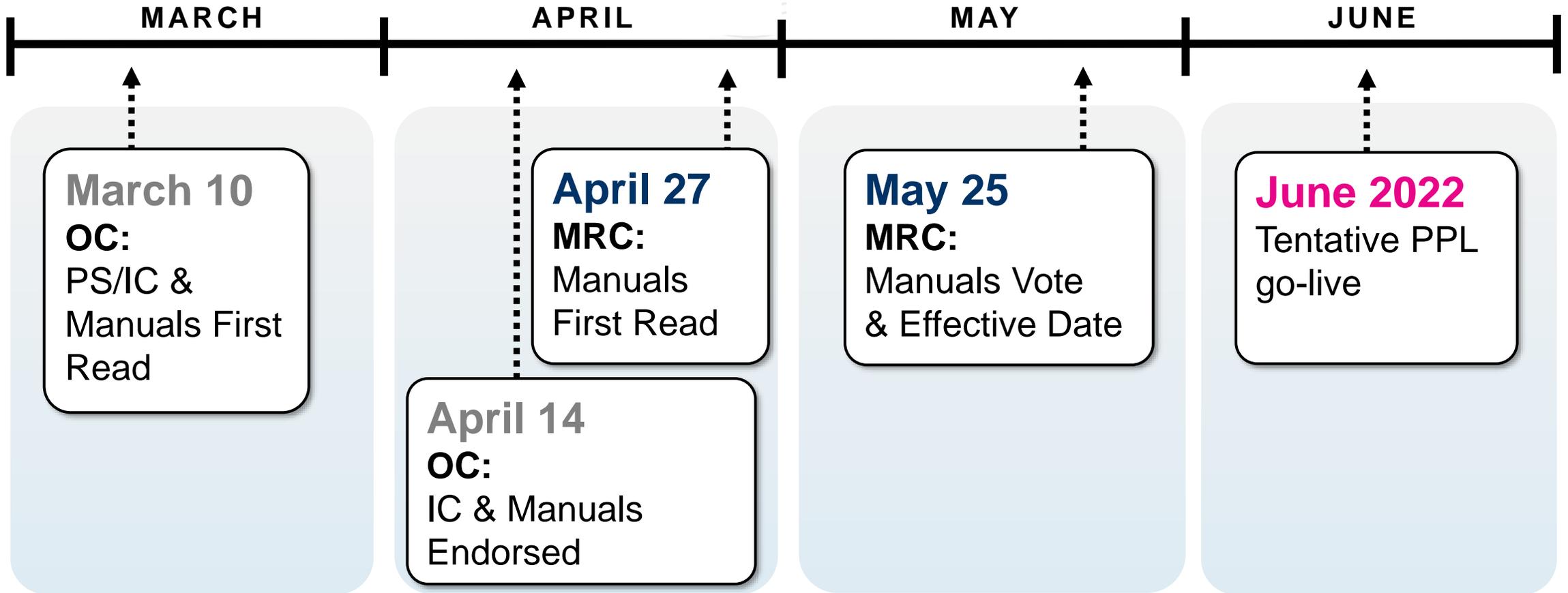
- Added Dynamic Line Ratings to the types of data that need to be communicated to PJM when there are Device, RTU or ICCP link outages

- Created 2 subsections for Ambient Temperature Ratings and Dynamic Line Ratings.
- Section 2.1.1.1
 - Moved existing language regarding the current PJM ratings practice to this section.
- Section 2.1.1.2
 - Acknowledged that TOs can employ DLRs and transmit real-time DLRs to PJM via the existing EMS datalink.
 - Added timeline requirements to notify PJM for new DLR installations.
 - Provided details on requirements for real-time and forecasted DLR submission, as well as the requirement to maintain ambient temperature ratings as a back up to DLRs.
 - Outlined the actions TO dispatcher and PJM dispatcher have to take in case of DLR outages.

- Provided details on how real-time DLR changes will be tracked and documented in eDART TERM.
- Added information about the public posting of forecasted DLRs.

Stakeholder Timeline

Interim Measures to Facilitate the Integration of Dynamic Line Ratings into PJM Operations



Presenters:

Chris Callaghan

Christopher.Callaghan@PJM.com

Bilge Derin

Bilge.Derin@PJM.com

SMEs:

DynamicLineRatingsTm@pjm.com

**Interim Measures to Facilitate the Integration
of Dynamic Line Ratings into PJM Operations**



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

**PROTECT THE
POWER GRID
THINK BEFORE
YOU CLICK!**



Be alert to
malicious
phishing emails.

Report suspicious email activity to PJM.
(610) 666-2244 / it_ops_ctr_shift@pjm.com

