

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

Issue Source

PJM

Issue Content

Develop dynamic line rating guidance and requirements ahead of PJM's operational implementation of an upcoming production deployment of dynamic line rating systems in the PJM footprint.

Key Work Activities and Scope

Through the quick fix stakeholder process, develop guidance and requirements to facilitate PJM's operational implementation of dynamic line ratings as an interim measure pending the completion of PJM's Order No. 881 compliance filing and compliance efforts. PJM's Order No. 881 compliance filing and compliance filing efforts will supersede the interim measures at issue in this Issue Charge.

Expected Deliverables

1. Stakeholder education
 - a. Education already provided: the March 30, 2021 [Operating Committee Special Session on DYNAMIC RATING Education](#).
 - <https://pjm.com/-/Dynamic Rating Impacts>
 - <https://pjm.com/-/Dynamic Rating Market Efficiency>
 - <https://pjm.com/-/Emergent Technologies Modeling Overview>
 - <https://pjm.com/-/Dynamic Line Ratings>
 - b. Additional education as needed
2. Finalize guidance and requirements related to the operational and technical implementation of dynamic line ratings within PJM. Codified in new or modified language in Manual 01 - Section 3, Manual 03 - Section 2, and Manual 03A - Appendix A.

Out of Scope

Requiring Transmission Owners to install and/or implement DLR, modifying the Transmission Owners' authority to determine transmission line rating methodologies, and calculate transmission line ratings.

Compliance with Order No. 881. To avoid any doubt, this initiative is not in furtherance of compliance efforts with Order No. 881. As such, once finalized, PJM's Order No. 881 compliance filing and compliance efforts will supersede the interim measures at issue in this



Issue Charge

Issue Charge solely timed ahead of production implementation of dynamic line ratings within the PJM footprint.

Decision-Making Method

Tier 1, consensus (unanimity) on a single proposal

Stakeholder Group Assignment

All presentations and discussions regarding this issue will be handled within the routine monthly meetings of the OC.

Expected Duration of Work Timeline

It is expected that this stakeholder issue within the Operating Committee will take approximately two months using Quick Fix.

Start Date	Priority Level	Timing	Meeting Frequency
12/1/2021	<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	<input checked="" type="checkbox"/> Immediate <input type="checkbox"/> Near Term <input type="checkbox"/> Far Term	<input type="checkbox"/> Weekly <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly

Charter

(check one box)

<input type="checkbox"/>	This document will serve as the Charter for a new group created by its approval.
<input checked="" type="checkbox"/>	This work will be handled in an existing group with its own Charter (and applicable amendments).

More detail available in M34; Section 6