



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

Problem / Opportunity Statement

~~In Order No. 881, FERC directed PJM to facilitate the operational implementation of dynamic ratings systems to better reflect the actual transfer capability of the transmission system. Consistent with Order No. 881, PJM proposes to develop manual language that will help it establish and maintain systems and procedures necessary to allow transmission owners to electronically update transmission line ratings (for each period for which transmission line ratings are calculated) at least hourly. Order No. 881 at P37, P255.~~

~~Consistent with FERC's directive, and Bbecause of an actual deployment of dynamic line rating systems in the PJM footprint, specifically by PPL, PJM seeks through the Quick Fix process to enable the operational implementation of dynamic ratings through the adoption of interim Manual revisions 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 PPL-specific interim measures at issue in this Issue Charge.~~

~~PJM proposes the development of a separate Problem Statement and Issue Charge to explore a different set of issues relating to dynamic line ratings at the appropriate Standing Committee(s) or a new Senior a new Task Force reporting to the Operating Committee. Topics for discussion as part of this separate stakeholder process would include: impact (if any) to ARR/FTR markets, DLR -impacts (if any) to the Seasonal Ratings utilized within PJM planning processes, and additional considerations regarding notice of an intent to implement DLR, d potentially other topics.~~

Education

Discussions related to this opportunity should build upon recent stakeholder education provided in the March 30, 2021 [Operating Committee Special Session on DYNAMIC RATING Education](#). Additionally, the following stakeholder presentations may be referenced:

- 1) <https://pjm.com/-/media/committees-groups/forums/emerging-tech/2020/20200827/20200827-item-05-dynamic-line-ratings.ashx>
- 2) <https://pjm.com/-/media/committees-groups/forums/emerging-tech/2020/20201113/20201113-item-03c-Dynamic Rating-impacts.ashx>
- 3) <https://pjm.com/-/media/committees-groups/forums/emerging-tech/2021/20210111/20210111-item-03-Dynamic Rating-market-efficiency.ashx>
- 4) <https://pjm.com/-/media/committees-groups/committees/teac/2020/20201223-special/20201223-item-04-emergent-technologies-modeling-overview.ashx>