



Problem/Opportunity Statement

Additional Issues Relating to the Implementation of Dynamic Line Ratings (Phase 2)

Problem / Opportunity Statement

In light of two recent FERC issuances relating to dynamic line ratings,¹ and as noted in the Phase 1 problem statement/issue charge relating to integrating dynamic ratings into PJM Operations, PJM seeks in this stakeholder process to explore whether there are additional topics to address relating to DLR implementation. The following topics will be discussed in this stakeholder process:

- a. Additional considerations regarding notice of an intent to implement DLR.
- b. Impact (if any) of DLR implementation to ARR/FTR markets.
- c. Impact (if any) of DLR implementation to Planning Processes and whether DLR is utilized in Planning and whether planned curtailment will be considered.

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>

¹ See, e.g., Managing Transmission Line Ratings, Order No. 881, 177 FERC ¶ 61,179 (2021) (“Order No. 881”); see also Implementation of Dynamic Line Ratings, Notice of Inquiry, 178 FERC ¶ 61,110 (2022) (“DLR NOI”).