



# FERC AAR NOPR discussion

PJM Operating Committee  
March 11, 2021  
Chris Pulong

- **FERC issued NOPR on the use of Ambient Adjusted Ratings (AARs) on transmission equipment January 22, 2021.**
  - “ Specifically, the proposal would require: Transmission providers to implement ambient-adjusted ratings on the transmission lines over which they provide transmission service; Regional Transmission Organizations (RTOs) and Independent System Operators (ISOs) to establish and implement the systems and procedures necessary to allow transmission owners to electronically update transmission line ratings at least hourly; and transmission owners to share transmission line ratings and transmission line rating methodologies with their respective transmission provider(s) and, in RTOs/ISOs, with their respective market monitor(s).”
- **Comments due by March 22, 2021**

## PJM will:

- Express our general support for NOPR
- Suggest some revisions to rules proposed
- Answers questions raised by FERC in the NOPR

- In support of NOPR, AARs:
  - Create additional capability on system, which in turn provide
    - Additional operational flexibility, reliability, and market efficiencies.
  - PJM currently allows TOs to implement AARs and has seen the benefits it has provided PJM

- Regarding the details of the proposal, PJM would
  - Request sufficient time to implement system changes depending on the details of the final rule; For example PJM would need data validation.
  - Request exemption for certain transmission elements not affected by ambient conditions, such as relays and circuit breakers;
  - Subject to stakeholder input at OC meeting: PJM would also request that AARs only be applied to transmission service and ATC calculations for the next 50 hours as opposed to 240 proposed by Commission because vast majority of transmission service sold (96%) is within 48 hours of the time of request and cost of 240 hours is high for what appears to be little benefit.

- PJM would also provide input on questions raised by FERC:
  - FERC requested comment on advisability of one time study to determine if Dynamic Line Ratings (DLRs) are cost effective. We would explain that that application of DLRs should be applied to congested lines and the benefits should be examined via pilot programs, as PJM is doing now with PPL.
  - FERC also requested comment on implementing DLR over entire system or on certain lines. PJM supports congested lines, not entire area.

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## FERC ARR NOPR Discussion



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