



Managing Transmission Line Ratings Order No. 881 Compliance Filing (RM20-16-000)

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Operating Committee
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Revises FERC regulations and *pro forma* Tariff to incorporate new *pro forma* OATT Attachment M

Areas of Reform:

1. Definition of Transmission Line Ratings
2. Ambient-Adjusted Ratings (AAR)
3. Seasonal Line Ratings
4. Exceptions and Alternate Ratings
5. Emergency Ratings
6. Transparency requirements
7. Dynamic Line Ratings (DLR)

Compliance Filing Due July 12, 2022

Full Compliance By July 12, 2025

Order No. 881 provides an AAR definition and requirements that differ¹ from current PJM practice as follows:

Paragraph	FERC Order 881	PJM Historic Practice
47	Time period not greater than 1hr.	Ratings remain the same until area temperatures deviate or switch between day & night.
47	Reflects nighttime periods.	This is an owner option. Not required.
47	Hourly calculations.	Owners calculate ratings. PJM applies the calculations per equipment's individual ratings table.
47	10 days of hourly calculations for transmission service. ²	Monthly, with Summer/Winter assumptions.
185	Valid +/- 10 °F above and below historic temperatures.	Lowest range is 32°F and highest is 95°F.
187	Updated at a minimum of 5°F increments.	Nine degrees Fahrenheit, 9°F, increments.

¹ Does not include practices where PJM and the order align.

² Beyond 10 days, the Order mandates the use of seasonal ratings for transmission service.

Dynamic Line Ratings (DLR) Not subject of July 2022 compliance filing

- FERC declined to mandate DLR implementation, but opened Docket No. AD22-5 to further explore DLR implementation
- New regulation requires that PJM establish and maintain systems and procedures necessary to allow transmission owners in their regions to electronically update transmission line ratings on at least an hourly basis

Engagement at Future Operating Committee Meetings

- PJM to update the Operating Committee meeting regarding the development of the compliance filing
 - Next update March 2022 Operating Committee Meeting
- Stakeholders invited to offer input at Operating Committee meetings about the development of the compliance filing

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Order No. 881 Compliance Filing



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