



DLR Impacts to Planning Seasonal Ratings

Michael Herman
Senior Engineer, Transmission Planning
DLRTF
September 30, 2022

- FERC Order 881 focuses on operational DLR ratings.
- PJM Planning analysis defines ratings based on season
 - Summer and Winter: Ratings defined by temperature set data
 - “The published line and transformer daytime thermal ratings at ambient temperatures of 50F (10C) winter and 95F (35C) summer will be used as the default rating sets for all facilities.” – PJM Manual 14B Attachment B.3
 - Light Load: Ratings calculated based on Summer ratings
 - “The 50% of 50/50 summer peak demand level was chosen as being representative of an average light load condition.” – PJM Manual 14B 2.3.11

- In response to comment on Docket RM20–16–001, FERC clarified that:
 - “None of the requirements in Order No. 881 require revisions to the assumptions used in the transmission planning and development contexts.”
- Based on this clarification, along with existing procedures documented in M14B, PJM will continue to use the existing process for utilizing facility ratings.

Presenters:

Michael Herman

Michael.Herman@pjm.com

SMEs:

DynamicLineRatingsTm@pjm.com

Dynamic Line Ratings Task Force



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com