

WECC

FERC NOPR Roundtable

August 16, 2022

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Overview

- Welcome
- Introductions
- Anti-trust
- Purpose and Goals for Discussion



FERC NOPRs



RM22-10-000 Transmission System Planning Performance Requirements for Extreme Weather



RM21-17-000 Building for the Future Through Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection



RM22-14-000 Improvements to Generator Interconnection Procedures and Agreements



Modifications to TPL-001-5.1 (Transmission System Planning Performance Requirements)

Development of benchmark planning cases

Planning for extreme heat and cold events using steady state and transient stability analyses

Corrective action plans that include mitigation for any instances where performance requirements for extreme heat and cold events are not met.

Comments due August 26, 2022.



Discussion



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RM21-17-000: Building for the Future

Conduct long-term (minimum of 20 years) assessments with multiple scenarios);



Consider dynamic line ratings and advanced power flow control devices;



Seek the agreement of relevant state entities within the transmission planning region regarding the cost allocation method or methods;



Enhance transparency for <u>local</u> transmission planning processes;

Improve coordination between <u>regional</u> and <u>local</u> transmission planning –> opportunities to "right-size" replacement transmission facilities



Building for the Future, cont.



Revise their existing interregional transmission coordination procedures to reflect the long-term regional transmission planning reforms proposed in this NOPR.



Changes to cost allocation for long-term regional transmission planning: No CWIP Incentive for public utility transmission providers Exercise of federal ROFR for transmission facilities



Comments due September 19, 2022



Discussion





RM22-14-000: Improvements to GI Procedures and Agreements



Reforms to Implement a First-Ready, First-Served Cluster Study Process



Reforms to Increase the Speed of Interconnection Queue Processing – firm deadlines, more detailed affected system study process, cluster study process



Reforms to Incorporate TechnologicalMAdvancements into the Interconnection ProcessSy

Modeling and Performance Requirements for Non-Synchronous Generating Facilities



Comments due October 13, 2022



Discussion



WHAT ARE THE CURRENT OPPORTUNITIES/CHALLENGES IN MANAGING INTERCONNECTION QUEUES? WHAT ARE CURRENT STRATEGIES FOR MITIGATING CHALLENGES? HOW WILL THE NEW MODELING AND PERFORMANCE REQUIREMENTS AFFECT THE GENERATION INTERCONNECTION PROCESS? ARE THE CURRENT TOOLS BEING USED ADEQUATE FOR SUCH ANALYSIS?





