



Transmission Planning *FERC Activities*

Presentation By

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Order No. 890

- Public utility transmission providers have been required to implement open and coordinated transmission planning processes. (Order No. 890)
 - Comparable treatment of resources
 - Regional coordination
 - Open to all stakeholders
- Planning processes were implemented in December 2007 and reviewed by FERC in a series of compliance orders issued in 2008 and 2009.

Sept. 2009 Technical Conferences

- Determine the progress and benefits realized by each transmission provider's transmission planning process, obtain customer and other stakeholder input, and discuss any areas that may need improvement;
- Examine whether existing transmission planning processes adequately consider needs and solutions on a regional or interconnection-wide basis to ensure adequate and reliable supplies at just and reasonable rates; and
- Explore whether existing processes are sufficient to meet emerging challenges to the transmission system, such as the development of interregional transmission facilities, the integration of large amounts of location-constrained generation, and the interconnection of distributed energy resources.

Common Themes

- Planning across the seams
 - Coordination of models and assumptions
 - Right-sizing of projects
- Planning for policy goals
- Right of first refusal
- Cost allocation

Planning for Policy Goals

- Transmission driven by resource expectations
- Resource expectations affected by policy
 - What restrictions will be placed on resources?
 - Are specific types of resources required?
 - Are specific locations for new resources preferred?
- Resource decisions of one region affect other regions

Topic B: State Input into Topic A Planning

- Reference/Base Case
- Scenario development
- Supporting studies/data inputs
- Feedback on planning analysis



Relationship to Regional Planning Processes

- Modeling assumptions
- Resource requirements
- Least-cost solutions

Questions?

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