SPP Southwest Power Pool

Helping our members work together

to keep the lights on...

today & in the future

Southwest Power Pool

Entergy SPP RTO Regional Planning Process Meeting (ESRPP)

ESRPP net-conference

April 20, 2010

Process Overview

Background

- **FERC Order 890 – Regional Participation Planning Principle: identify system enhancements that could relieve "significant and recurring" transmission congestion**
- **Open Access Transmission Tariffs**
  - **SPP OATT Attachment O**
  - **Entergy OATT Attachment K**

SPP OATT Attachment O
Section X (10) Inter-regional Coordination

1. **The Transmission Provider shall undertake to coordinate any studies required to assure the reliable, efficient, and effective operation of the Transmission System with, at a minimum, first-tier adjacent interconnected systems. Such coordination shall include:**

   a) **Sharing system plans to ensure that such plans are simultaneously feasible and otherwise use consistent assumptions and data; and**

   b) **Identifying system enhancements that could relieve inter-regional congestion or integrate new resources on an aggregate basis.**

2. **The Transmission Provider shall undertake to coordinate any studies with other transmission providers primarily through participation in the agreements listed in Addendum 1 to this Attachment O.**

3. **On an annual basis, the Transmission Provider shall review the ongoing planning activities under the agreements specified in Addendum 1 to this Attachment O to determine the need for any additional inter-regional studies. The Transmission Provider shall share this review with the stakeholders at a planning summit and solicit input regarding additional inter-regional studies that should be initiated by the Transmission Provider.**

Entergy OATT Attachment K
Section 13.1 Regional Planning

- **Regional Planning Parties (SPP & Entergy)**
  - **share system plans to ensure that they are simultaneously feasible and otherwise use consistent assumptions and data;**
  - **address requests for Regional Studies**
  - **identify any opportunities for regional optimization of the Construction Plan with the construction plans of the Regional Planning Parties.**

Entergy OATT Attachment K
Section 13.1 Regional Planning

- **Joint Planning Committee (JPC) will be established to perform studies and coordinate stakeholder communication:**
  - **Request information from Regional Planning Parties as needed**
  - **Lead meetings**
  - **Ensure meetings conform with Standards of Conduct**
  - **Establish working groups to perform studies**
  - **Coordinate information exchange with outside agencies**
  - **Coordinate the various activities related to Regional Planning**
  - **Meet at least annually**
  - **Perform dispute resolution as needed**

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EHV Transmission
(Including expansion projects with commitments to construct)

230 kV
345 kV
500 kV
Southwest Power Pool
Entergy ICT

Assessing Simultaneous Feasibility of System Plans and Consistent Use of Data and Assumptions

- **Each party will share system plans and associated data and assumptions, including models, data, maps, planned upgrades, expected in-service dates, long-term reservation information, reliability assessments, etc.**
- **Each party will assess the simultaneous feasibility of the expansion plans and the consistency of data and assumptions and report any inconsistencies or incompatibilities to the JPC.**

Regional Studies

- **JPC will conduct stakeholder-requested studies intended to identify system enhancements that could relieve inter-regional congestion or integrate new resources on an aggregate basis.**
- **Step 1 studies will provide a high-level screening to identify constraints and needed upgrades, and approximate costs & timelines**
- **Based on the results of a Step 1 study, stakeholders may request a Step 2 study be undertaken in the following planning cycle which will provide detailed cost estimates and timelines.**

Entergy OATT Economic Planning Studies

- **Entergy System Studies**
  - **Customer-requested**
  - **ISTEP**
- **Southeast Inter-Regional Participation Process (SIRPP)**
- **Entergy SPP RTO Regional Planning Process Regional Studies (ESRPP)**

Stakeholder Meetings

- **1st Meeting – 4/20/2010 – Net conference**
  - **Stakeholders review and discuss scope and nominated studies**
- **2nd Meeting – 5/27/2010 – SPP Spring Summit**
  - **Results of stakeholder vote are announced**
- **3rd Meeting – August 2010 – SPP Fall Summit**
  - **Progress Update for Step 1 and 2 studies**
- **4th Meeting – 1st Quarter 2011 – Net conference**
  - **Presentation and discussion of the final report**

Communications

- **Sign up for TWG or LTTIWG email exploders**
- **SPP distribution list for stakeholders to send comments to SPP and Entergy personnel**
  - **ESRPP@spp.org**

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