

Post-ESA Transmission Infrastructure Planning

EAI IRP Stakeholder Meeting

July 31, 2012



Transmission Planning Process

- When EAI exits the Entergy System Agreement, EAI will:
 - Become a transmission customer under a FERC-approved OATT
 - MISO Tariff, if EAI is a member of MISO
 - Entergy OATT, if EAI operates on a stand-alone basis
 - Take network service for its retail load

Transmission Planning Process

- EAI will participate in the transmission planning process under the applicable tariff
 - The transmission planning process may impact the deliverability of generation supply that must be considered in the development and implementation of EAI's resource plan
 - Participation is required to support certain functions associated with the planning, construction and operation of EAI's transmission facilities
 - EAI Resource Planning and Operations Staff will be active participants in the transmission planning processes

Transmission Planning Process

- EAI Staff will conduct the generation resource planning for EAI's customer
 - Separately from the generation resource planning conducted on behalf of the other Operating Companies
 - Will include the consideration of potential economic transmission projects to reduce production costs for EAI's customers

Transmission Planning Process

- FERC has required transmission owners that are part of a holding company system to provide transmission services, including planning their transmission facilities, on a system-wide, integrated basis
 - During the time that EAI and the other Operating Companies are not members of MISO, EAI's transmission facilities must continue to be planned on an integrated basis with the transmission facilities of the other Operating Companies

Transfer Control to MISO (I)

- In the event EAI obtains the requisite approvals to transfer functional control of its transmission facilities to MISO
 - MISO Tariff requires EAI, as a Transmission Owner, to support certain transmission planning functions
- Upon MISO integration, EAI will be participating in the MISO bottom-up MISO Transmission Expansion Planning process that MISO conducts
- EAI will participate as a member of any MISO committee that is allowed under MISO governance and tariff provisions

Transfer Control to MISO (II)

- Under Attachment B to the Transmission Owners Agreement, “[t]o fulfill their roles in the collaborative process for the development of the Midwest ISO Plan, the Owners shall develop expansion plans for their transmission facilities while taking into consideration the needs of
 - connected loads, including load growth,
 - new customers and new generation sources within the Owner’s system, and
 - known transmission service requests

Transfer Control to MISO (III)

- Under NERC Standard TPL-001-2, “[e]ach Planning Coordinator and Transmission Planner shall distribute its Planning Assessment results to adjacent Planning Coordinators and adjacent Transmission Planners within 90 calendar days of completing its Planning Assessment, and to any functional entity that has a reliability related need and submits a written request for the information within 30 days of such a request.”
 - Given these requirements, at a minimum EAI will have to coordinate with the other Operating Companies when engaging in transmission planning even if EAI is the only Operating Company that integrates into MISO

MISO Transmission Expansion Planning Process (MTEP)

- EAI's participation in MISO transmission planning processes would include participation in MISO MTEP process information exchange events
 - Regional Planning meeting including participation of all sub-regions
 - Sub-regional planning meetings
 - Sub-regional Technical Study Task Force meeting

Questions / Comments