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Role of Planning at ATC

- Planning is an integral part of ATC business model
 - Accountable for:
 - Reliability of service
 - Costs of local transmission projects borne by retail customers
 - Market access
 - Interconnection studies for distribution and generation (delegated)
 - Meeting NERC Planning standards
 - Conducts local planning in accordance with MISO Transmission Owners Agreement (TOA)
 - 10-year assessment published annually
 - Open, transparent, collaborative planning process



ATC's Positions on Planning

- ATC's core policy positions on planning
 - Planning requires community involvement to identify local needs in a planning process that is open to all affected stakeholders and transparent.
 - “All transmission is local:” Projects that integrate local needs with regional needs are much more likely to gain acceptance needed to site and build them.



Order 890 Planning Principles

- Planning processes must satisfy nine “principles”:
 1. Coordination
 2. Openness
 3. Transparency
 4. Information Exchange
 5. Comparability
 6. Dispute Resolution
 7. Regional Participation
 8. Economic Planning Studies
 9. Cost Allocation



ATC Planning Processes

- ATC has six distinct but inter-related planning processes
 - Network adequacy projects
 - Generation-Transmission interconnections
 - Transmission-Transmission interconnections
 - Transmission-Distribution interconnections
 - Economic projects
 - Transmission service requests



Network Adequacy Planning

- ATC develops a Ten Year Assessment (TYA) on an annual basis
 - Solicit input from customers
 - Identify system needs and solutions
 - Publish the report and invite feedback
- We are adding:
 - Meetings with customers and stakeholders up front to review methodologies and assumptions
 - Meetings to share interim results
- Because this is an annual process, feedback from one TYA can flow into the next TYA



Generation-Transmission Interconnections

- Generation-Transmission Interconnections
 - Interconnection requests are made to MISO
 - Are done under contract to MISO
 - Governed by Attachments R and X of MISO EMT
 - Meet with customers throughout the process
 - Time limits within which we initiate and complete the study
 - Post all results



Transmission-Transmission Interconnections

- ATC coordinates assessments of the transmission system with interconnected transmission owners
- Meet with other transmission owners at least annually
 - Exchange system information prior to the meeting consistent with FERC's Standards of Conduct
 - Assess the needs of both owners' systems using input from affected customers/stakeholders
 - Evaluate solutions together
 - Solicit input from affected customers/stakeholders
 - Incorporate new projects in ATC TYA and MISO/PJM regional plans
- Cost allocation subject to MISO tariffs, state regulations, and agreements



Transmission-Distribution Interconnections

- Business practice is published on ATC's external Web site
- Requests handled on a timely basis and parallel processed in attempts to meet the customers' in service date needs
- Meet with the customer throughout the process
 - Average of three meetings per request
- Cost allocation governed by ATC's Business Practices, MISO EMT Attachment O and Attachment FF
- Regular meetings with one or more Distribution Facilities owners to determine load interconnection needs
- Regular meetings with Distribution Facilities owners to report on project implementation progress



Economic Project Planning

- ATC will do at least two economic studies per year
 - Prepare pre-study information
 - Stakeholders will have opportunity to request studies
 - ATC chooses projects with stakeholders' input and review
 - Study assumptions and models and assessment tools will be posted and stakeholder feedback sought
 - ATC performs study and provides interim results
 - Meet with stakeholders
 - Re-study if needed
- Other studies done at customers' requests as ATC's resources permit



Transmission Service Planning

- Long Term Firm Transmission Service
 - Studies done under contract to MISO
 - Governed by the terms of the MISO EMT
 - Vastly reduced number of requests after MISO Day 2 market underway
 - Seek customer input on modeling of transaction
 - Time limits within which we initiate and complete the study and results are posted



Coordination with MISO

- ATC actively participates in all planning forums at MISO, providing input on models, assumptions and processes
- ATC helps to build and subsequently uses MISO models to do analysis
- ATC provides lists of projects to be included in MISO's Transmission Expansion Plan, for reliability review and cost allocation
- ATC and MISO planners have very strong working relationships and collaborate on a number of efforts



Discussion

