

PJM Generation Interconnection Process

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Steven R. Herling
Executive Director – System Planning
PJM Interconnection, L.L.C.

- Goal is to get generation connected to system
 - Ensure adequacy and robust markets
 - Get generation built in the “right” place
- Must ensure reliability as new generation is added
- Customers need certainty that rights are preserved
- Must balance rights of many customers
 - Network Service Customers
 - Point-to-point Transmission Service Customers
 - Generation Interconnection Customers
 - Merchant Transmission Interconnection Customers
- Must manage compliance by many customers with milestones and other process requirements

*Generation Interconnection must be part of a fully integrated
Regional Transmission Expansion Planning Process*

- Queuing process must include progressively more significant milestone requirements
 - Feasibility Study
 - System Impact Study
 - Facilities Study
 - Interconnection Service Agreement
- Because rights are preserved throughout process, transmission capability is tied up as long as a project remains in the queue
- Milestone requirements ensure that serious projects are able to move forward while non-serious projects are withdrawn
 - Allows for development of realistic transmission plans and effective utilization of transmission capability
- Minimizes potential gaming opportunities based on withholding of critical transmission capability

- Queue windows allow for more efficient processing of interconnection requests
- Each analysis cycle is based on best available information from previous cycle
- All projects in a particular area receive results and must make decisions within same period of time
 - All studies in a given area are completed as a group, later studies are not repeatedly invalidated by staggered decision-making
 - All projects must make decisions based on comparable knowledge (or lack of knowledge) of other projects decisions
 - Re-analysis is required as projects drop out of process; queue windows help manage re-analysis process
- Queue windows, integrated with Regional Planning Process facilitate cost allocation among all users
- Queue windows allow for expedited analysis for small generators or for isolated generators