

Generation Interconnection Process

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Queue Process Overview

Follows FERC Pro Forma Process

- Queues are "open" for a 3 month period
 - Spreads Workload Out Over Year
 - Generation, Merchant Transmission, ARR, and Long-Term Firm Transmission Service Queues are Fully Integrated
- Specific Rights Based on Queue Position and Satisfaction of Milestone Requirements
 - Feasibility, System Impact, and Facilities Studies Identify Required Upgrades
 - Studies provide progressively more detail
 - Queue volume and drop-out rate require frequent re-studies
- Required Transmission Upgrades Based on Reliability Criteria paid by Developer







Feasibility Study (Long Term Firm - Initial Study)

- Required
 - Deposit based on request timing and MW/MVA size (later queue month = more money)
 - Site control for generation requests
 - In-service date within 7 years of entering queue (exceptions allowed)
- Study Completion
 - Target 90 Days after close of queue (PJM targets 60 days after queue close to provide load flow to Transmission Owners)
- Study By
 - PJM and TO (Contractor under direction of TO)
- Results
 - Attachment Facilities Needed for Interconnection
 - Identify Transmission Overloads and Required Upgrades (Costs and Construction Schedule Estimates for primary POI)
 - Identify overloads associated with secondary POI (no cost or schedule estimates)
 - Short Circuit Analysis







- Will require additional 2 party Interconnection Agreement between Developer and TO
- Interconnection Construction Service Agreement (CSA) identifies terms, conditions, and coordinates construction activities for Attachment Facilities and Network Upgrades
- Upgrade Construction Service Agreement (UCSA) identifies terms, conditions, and coordinates construction activities for Network Upgrades



- Projects may drop out of the queue at any time
- Project size may be reduced but not increased
- Projects are withdrawn from the queue if they miss milestones or financial obligations



QUESTIONS ?