



Queue Process Changes

Transmission Service Requests & Upgrade Requests

Ed Franks
Sr. Engineer, Interconnection Analysis
Markets & Reliability Committee
December 21, 2017



Note: Discussions which follow relate to transmission service requests which are outside the ATC horizon and which enter the New Services Queue.

- Current studies performed
 - Initial Study
 - System Impact Study
 - Facilities Study
- Problems with current process
 - One study to develop reinforcement plan and cost estimates before Facilities Study

- Proposed Solution
 - Add Feasibility Study phase to replace Initial Study
 - Requires changes to Parts II and III (Transmission Service) of the PJM Tariff
 - Requires changes to Part VI (Study of New Service Requests) of the PJM Tariff

- Remove Initial Study
 - ATC is used in determining the capability of the system in order to grant transmission service inside the ATC horizon – no change
 - ATC and ASTFC will be calculated using current methods – no change
- Add Feasibility Study
 - Perform normal planning studies with remainder of queue
 - Includes reinforcement plan and cost estimates for constraints identified

- Current studies performed
 - System Impact Study
 - Facilities Study
- Problems with current process
 - One study to develop reinforcement plan and cost estimates before Facilities Study

- Proposed Solution
 - Add Feasibility Study phase
 - Requires changes to Part IV (Interconnections) of the PJM Tariff
 - Requires changes to Part VI (Study of New Service Requests) of the PJM Tariff

- Solution
 - Add Feasibility Study phase
- IARR requests
 - Development of impacted facilities list can commence soon after receipt of request from customer
 - Reinforcements to increase flows required based on impacted facilities list would be developed during the Feasibility Study
 - Feasibility Study would contain list of required reinforcements with costs and estimated time to construct necessary facilities
 - Customer could then choose to proceed to a System Impact Study or drop out of Queue

- Merchant Network Upgrades
 - These types of requests may proceed more quickly if no other projects in the queue have impacts to the same facilities associated with the request by the customer for the Merchant Network Upgrade
 - Develop combined Feasibility/System Impact Study report if no overlap with other projects in queue
 - Customer would then proceed to the Facilities Study phase
 - Develop Feasibility Study if impacts of other projects in queue overlap Merchant Network Upgrade request
 - Customer would then proceed to the System Impact Study phase

- December 21 – Endorsement at MRC for Tariff
- January – Approval at MC for Tariff

- January – First read for Manual 14A and 14E at PC
- February – Endorsement for Manual 14A and 14E at PC, first read at MRC
- March – Approval for Manual 14A and 14E at MRC

- Request FERC approve April 1, 2018 implementation

Note: Changes to Manual 2 will also be developed specific to Transmission Service Request Process through the normal approval path for that manual with information also made available through the PC



Aaron.berner@pjm.com

610-666-8951