

Western's Interconnection Process



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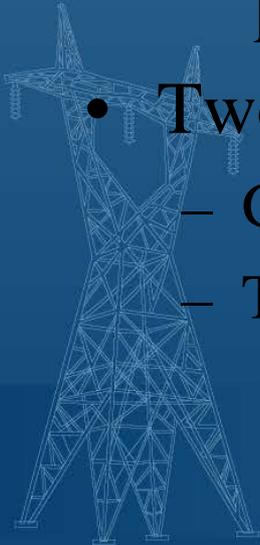
Topics

- Queue process for connecting to existing transmission lines
 - What is the queue and how does it work?
 - What happens when there is no available capacity?
- Transmission Service Request process
- Generation Interconnection Process
 - Feasibility Study
 - System Impact Study
 - Facility Study



Queue Process

- What is the queue?
 - Open Access Transmission Tariff
 - Queue process is unique for each transmission provider
- Two types of queue
 - Generation Queue (LGIP and SGIP)
 - Transmission Service Queue



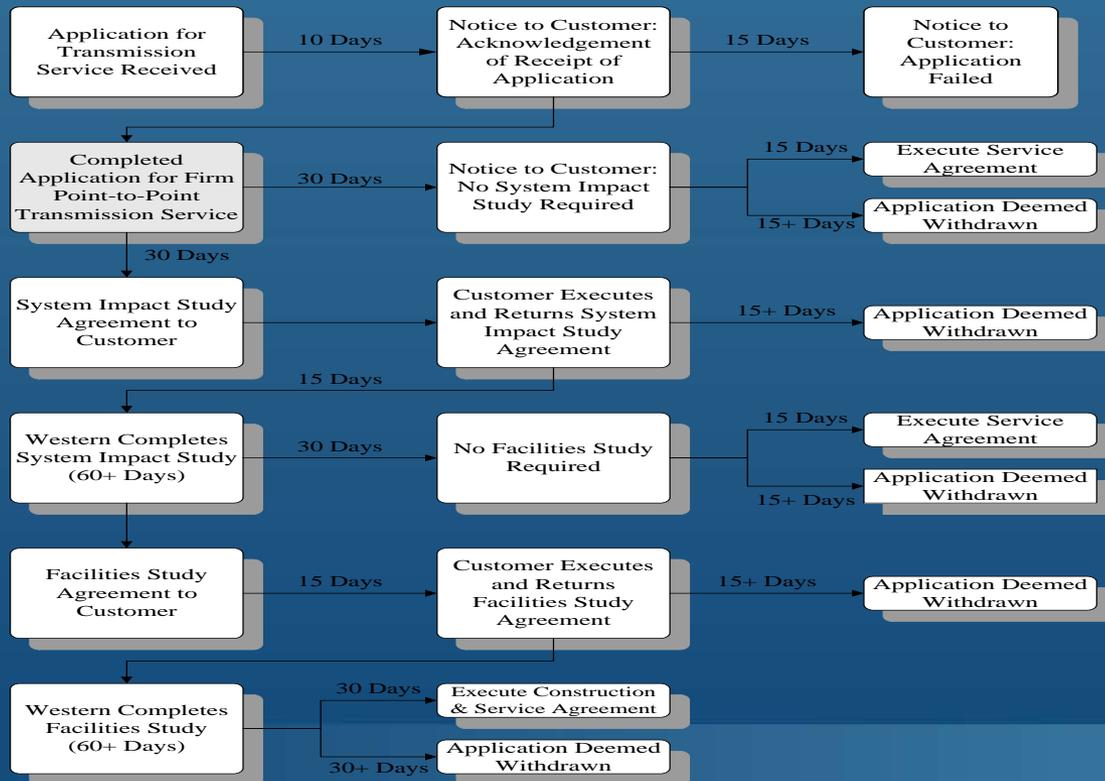
What is the Queue?

- Queue Position established upon the date and time of receipt of the valid Interconnection Request by the TP, relative to all other pending valid Interconnection Requests.
- The Queue Position of each Interconnection Request will be used to determine the cost responsibility for the Upgrades necessary to accommodate the interconnection.



Transmission Service Request Process Flow chart

Western and Customer Responses During the Application and Request Process for Transmission Service Per the OAT Tariff



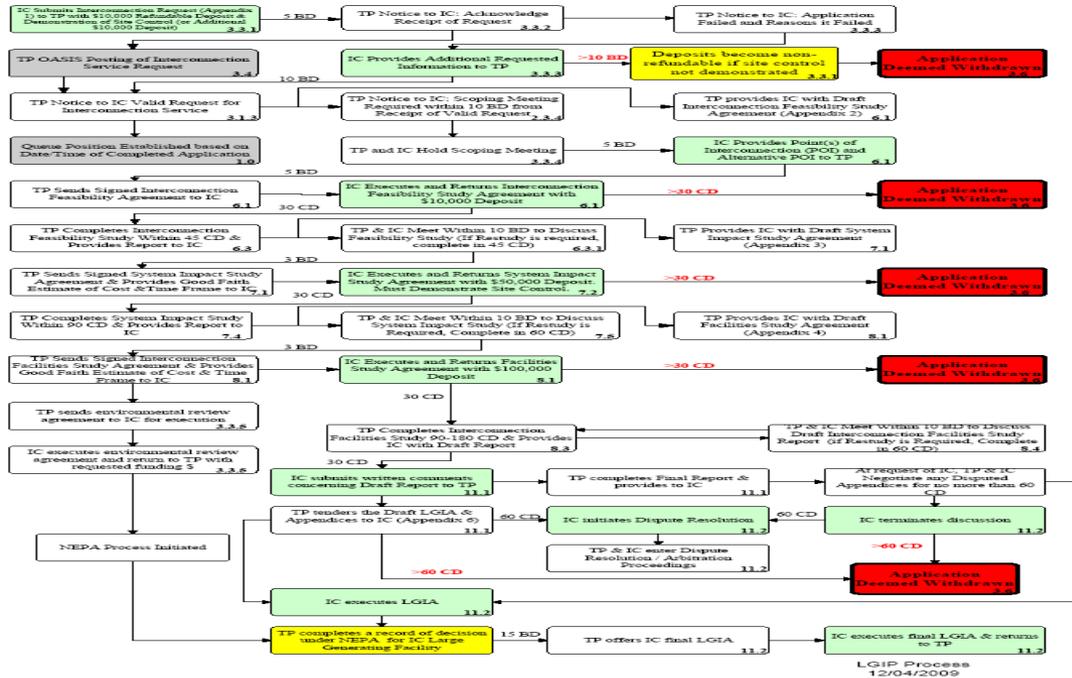
Application and Service Request Flowchart.vsd
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Large Generator Interconnection Process Flow chart

Transmission Provider (TP) and Interconnection Customer (IC) Responses Under the Standard Large Generator Interconnection Procedures (LGIP)

BD= Business Days CD= Calendar Days



LGIP – Interconnection Feasibility Study (FS)

- Preliminary evaluate the feasibility of the proposed interconnection to the Transmission System.
 - Power flow and short circuit analysis.
 - Can reduce up to 60%.*



LGIP - Interconnection System Impact Study (SIS)

- Evaluate the impact of the proposed interconnection on the reliability of the Transmission System.
 - Short circuit analysis, a stability analysis, and a power flow analysis.
 - Provides a **list of facilities that are required as a result of the Interconnection Request** and a good faith estimate of cost responsibility and a non-binding good faith estimated time to construct.
 - Can reduce up to 15%.*



LGIP Interconnection Facilities Study (IFS)

- Specify and estimate the cost of the equipment, engineering, procurement and construction work needed to implement the conclusions of the Interconnection System Impact Study in accordance with Good Utility Practice to physically and electrically connect the Interconnection Facility to the Transmission system.

