

## Long Term Firm (LTF) Transmission Service Requests - Quick Guide

*Note: This process is modeling a typical transmission service request flow and can vary based on actual requests. This Quick Guide is for reference only and is not intended to supersede any PJM Tariff, Manual, or Business Practice.*

1. **Customer requests service on OASIS.** This will be either Point-to-Point (year-FIRM) or Network Designated (year-NETWK\_EXT\_DESIGNATED).
  - P-to-P is used for importing/exporting between a Point of Receipt (POR) and a Point of Delivery (POD).
  - Network is used for Designated Network Resources (DNR) or Network Native Load (NNL).
2. PJM has 30 days from the queue date of the request to send an Initial Study Agreement to the customer.
3. **Customer has 15 days to execute the Initial Study Agreement and return to PJM.**
4. PJM has 60 days to perform the Initial Study. The cost of the study is \$5K, billed after the study.
  - The Initial Study: ATC screening, Full Network Analysis, ASTFC screening, Load Deliverability, and Generator Deliverability.
5. If the Initial Study indicates that a further impact study is needed, PJM sends out a System Impact Study Agreement (SISA).
6. **Customer has 30 days to execute the System Impact Study Agreement and return to PJM, along with a \$50K deposit.**
  - PJM performs the System Impact Study based on the tariff deliverable dates. (Section 205.3 Timing of Studies)

Queue	Customer submits Request		PJM System Impact Study	
	START	END	START	DELIVERABLE
<b>1</b>	Feb 1, Y1	<b>Apr 30, Y1</b>	Sep 1, Y1	<b>Dec 30, Y1</b>
<b>2</b>	May 1, Y1	<b>Jul 31, Y1</b>	Dec 1, Y1	<b>Mar 31, Y2</b>
<b>3</b>	Aug 1, Y1	<b>Oct 31, Y1</b>	Mar 1, Y2	<b>Jun 29, Y2</b>
<b>4</b>	Nov 1, Y1	<b>Jan 31, Y2</b>	Jun 1, Y2	<b>Sep 29, Y2</b>

7. If the System Impact Study indicates that upgrades are needed, PJM sends out a Facilities Study Agreement (FSA).
8. **Customer has 30 days to execute the Facilities Study Agreement and return to PJM, along with an estimated deposit of \$15K for 2MW and under, \$50K for between 2MW and 20MW, and \$100K for 20MW and above.** If the estimated amount of the Facilities Study cost for the first three months exceeds \$100K, then that amount will be used as the estimated cost.
9. PJM has 180 days to perform the Facilities Study.
  - The Facilities Study: Attachment Facilities, Local Upgrades, Network Upgrades, and “SCHEDULE OF WORK”.
10. PJM sends out an Interconnection Service Agreement (ISA), or if the Facilities Study only identifies the need to upgrade existing network facilities, then PJM sends out an Upgrade Construction Service Agreement (UCSA).
11. **Customer has 60 days to execute the Interconnection Service Agreement or the Upgrade Construction Service Agreement.**

Manual 02: Transmission Service Request (<http://www.pjm.com/~media/documents/manuals/m02.ashx>)

Manual 14A: Generation and Transmission Interconnection Process (<http://www.pjm.com/~media/documents/manuals/m14a.ashx>)