

A decorative graphic consisting of several thin, overlapping, wavy lines in shades of grey and white, positioned at the top of the slide.

# M02: Transmission Service Request Revision 15 Updates

Jeffrey McLaughlin,  
Senior Lead Engineer

Operating Committee  
February 11, 2021

- Periodic review
- **No changes to existing PJM rules or processes**
- All redlines administrative in nature
  - Broken hyperlinks fixes
  - Updates to reference document names
  - Consolidated/relocated 2 sub-sections (1.3.5 and 1.3.6) to more appropriate section of the manual
  - Minor wording updates for clarity
  - Updates to align with refreshed OASIS application and current OATT language

- Section 1.1.1 Point-to-Point Transmission Service
  - Added reference to redirect on Firm basis
  - Removed outdated language to align with current PJM OASIS processes.
    - Secondary Non-Firm service offered as HOURLY, DAILY, WEEKLY and MONTHLY

Short-Term Firm Point-To-Point Transmission Service has a term of less than one year, is available on a first-come-first-served-basis, and is subservient to Long-Term Firm Service. A transmission customer taking FIRM transmission service may elect to change its Points of Receipt and Delivery to obtain service on a Non-Firm or Firm basis consistent with the terms of section 22.1 or 22.2 of the PJM Tariff respectively. A customer requesting a modification of the Points of Receipt or Delivery of ~~a Firm~~ service ~~request~~ on a non-firm basis must submit a request for Secondary Non-Firm service. For product details, refer to section 1.6 of the PJM Regional Practices document. ~~day-Secondary request on the OASIS by noon one business day in advance (note: Secondary service is offered only on a daily basis).~~

# Long Term Firm (LTF) Request Submission

- Steps updated to reflect streamlined LTF request process which was implemented as part of OASIS refresh project

## 1.3.2 Requests for Long-Term Firm Service

In addition to the online OASIS submission, requests for service 1 year or longer must contain a written application. As per the PJM OATT, requests can be made so long as the Eligible Customer has met the applicable requirements by the commencement of service. Below are the steps to obtain long-term firm transmission service:

- Step One - Customer makes a request for Long Term Firm (LTF) transmission service through the OASIS.
- Step Two – After submitting the request, the customer is provided with an online LTF Application through the OASIS. The customer populates and submits the LTF Application.
- Step Three – PJM reviews the LTF Application. If the customer has provided the necessary information, PJM marks the Application as 'completed'.

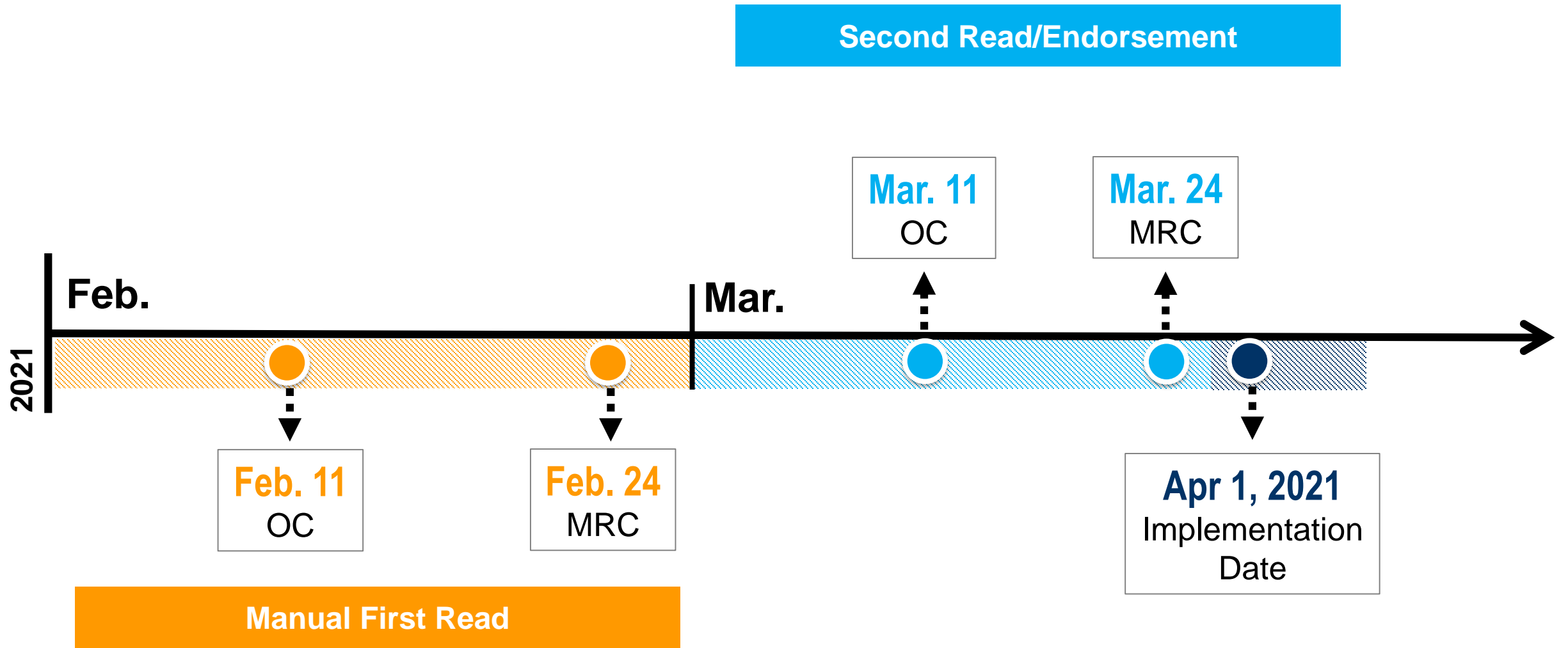
# Long Term Firm (LTF) Request Submission

- Continued ...

- Step ~~Two~~ **Four**\* - PJM sends out a Firm Transmission Feasibility Study Agreement (FTFSA) ~~and works with the customer to tender a Completed Application.~~
- Step ~~Three~~ **Five** - Upon execution of the FTFSA ~~and return of Application~~, PJM performs the Firm Transmission Feasibility Study.
- Step ~~Four~~ **Six** - Based on the results of the Firm Transmission Feasibility Study, PJM will ~~either~~ draft a Transmission Service Agreement (TSA) or a Network Integration Transmission Service Agreement (NITSA) for the customer to execute, or tender a System Impact Study Agreement.

\* If the start and stop date of the request are contained entirely within the ATC horizon, ~~the request~~ **a Firm Transmission Feasibility Study is not required, and the request** is evaluated based on ATC.

# M02, Rev. 15 – Review/Approval Timeline



SME/Presenter:  
Jeffrey McLaughlin

[Jeffrey.mclaughlin@pjm.com](mailto:Jeffrey.mclaughlin@pjm.com)

**Manual 02, Rev 15 – Periodic Review**



**Member Hotline**

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)

# Appendix



## About PJM Manuals

The PJM Manuals are the instructions, rules, procedures, and guidelines established by PJM for the operation, planning, and accounting requirements of PJM and PJM Energy Market. The manuals are grouped under the following categories:

- Transmission
- ~~PJM~~ Energy Market
- ~~Generation and Transmission interconnection~~ Regional Transmission Planning Process
- Reserve
- Accounting and Billing
- ~~PJM administrative services~~ Administration
- Miscellaneous

For a complete list of all PJM manuals, go to the Library section on PJM.com.

## References

The references to other documents that provide background or additional detail directly related to The **PJM Manual for Transmission Service Request** are:

- Open Access Transmission Tariff (OATT) <http://www.pjm.com/directory/merged-tariffs/oatt.pdf>
- Open Access Transmission Tariff Accounting – Manual 27 <http://www.pjm.com/~media/documents/manuals/m27.ashx>
- PJM OASIS User Guide <https://pjm.com/~media/etools/oasis/oasis-user-guide.ashx> ~~<http://www.pjm.com/markets-and-operations/etools/oasis/oasis-user-guide.aspx>~~
- PJM OASIS <http://oasis.pjm.com>
- PJM Regional Practices <http://www.pjm.com/~media/etools/oasis/regional-practices-clean-pdf.ashx>
- ~~Midwest~~ **Midcontinent** ISO -PJM Joint Operating Agreement (JOA)
- ~~Midwest ISO,~~ PJM, and TVA Joint Reliability Coordination Agreement (JRCA)
- NYISO-PJM Joint Operating Agreement (JOA)
- ~~PEC~~ **DEP**-PJM Joint Operating Agreement (JOA)

## Firm Point-To-Point Transmission Service

Firm transmission service is reserved and/or scheduled between specified Points of Receipt and Delivery. The minimum term of Firm Point-To-Point Transmission Service is one day. The maximum term of Firm Point-to-Point transmission service is determined based on available transfer capability for future periods and is specified in the Service Agreement. Firm Point-To-Point Transmission Service has reservation priority over Non-Firm Point-To-Point Transmission Service. Financial Transmission Rights (FTR) may be requested when reserving Firm Point-to-Point Transmission Service. See PJM Manual 06, *Financial Transmission Rights* for details.

There are two categories of Firm Point-to-Point Transmission Service:

- Long-Term Firm Point-To-Point Transmission Service

Long-Term Firm Point-To-Point Transmission Service has a term of one year or more. Long-Term Firm Point-To-Point Transmission Service is available on a first-come, first-served basis (i.e., in the order in which each transmission customer reserves service). Long-Term Firm Point-To-Point Transmission Service has equal reservation priority with Native Load Customers and Network Customers.

- Short-Term Firm Point-To-Point Transmission Service

Short-Term Firm Point-To-Point Transmission Service has a term of less than one year, is available on a first-come-first-served-basis, and is subservient to Long-Term Firm Service. A transmission customer taking FIRM transmission service may elect to change its Points of Receipt and Delivery to obtain service on a Non-Firm **or Firm** basis consistent with the terms of section 22.1 **or 22.2** of the PJM Tariff **respectively**. **A customer requesting a modification of the Points of Receipt or Delivery of a Firm service request on a non firm basis must submit a day Secondary request on the OASIS by noon one business day in advance (note: Secondary service is offered only on a daily basis).**

### 1.3 Point-to-Point Transmission Service Requests

All Point-to-Point Transmission Service requests must be made on the PJM OASIS. Information including path-name, Point of Delivery, Point of Receipt, source, sink, time interval, capacity, capacity type, start date/time and stop date/time must be identified with each request. More details on procedures for making a transmission service request via the PJM OASIS are contained in the PJM OASIS Users Guide at (<https://pjm.com/-/media/etools/oasis/oasis-user-guide.ashx>~~http://www.pjm.com/markets-and-operations/etools/oasis/oasis-user-guide.aspx~~). In addition, a written application must be submitted to PJM for long-term firm requests.

## 1.3.2 Requests for Long-Term Firm Service

In addition to the online OASIS submission, requests for service 1 year or longer must contain a written application. As per the PJM OATT, requests can be made so long as the Eligible Customer has met the applicable requirements by the commencement of service. Below are the steps to obtain long-term firm transmission service:

- Step One - Customer makes a request for Long Term Firm (LTF) transmission service ~~on~~ through the OASIS.
- Step Two – After submitting the request, the customer is provided with an online LTF Application through the OASIS. The customer populates and submits the LTF Application.
- Step Three – PJM reviews the LTF Application. If the customer has provided the necessary information, PJM marks the Application as 'completed'.

- Step ~~Two~~Four\* - PJM sends out a Firm Transmission Feasibility Study Agreement (FTFSA) ~~and works with the customer to tender a Completed Application.~~
- Step ~~Three~~Five - Upon execution of the FTFSA ~~and return of Application~~, PJM performs the Firm Transmission Feasibility Study.
- Step ~~Four~~Six - Based on the results of the Firm Transmission Feasibility Study, PJM will ~~either~~ draft a Transmission Service Agreement (TSA) or a Network Integration Transmission Service Agreement (NITSA) for the customer to execute, or tender a System Impact Study Agreement.

\* If the start and stop date of the request are contained entirely within the ATC horizon, ~~the request~~ a Firm Transmission Feasibility Study is not required, and the request is evaluated based on ATC.

### **1.3.5 Non-Designated Resource Delivery to Designated Loads**

Non-Designated Resource Delivery to Designated Loads is defined as Network Transmission use by PJM Load Serving Entities to serve customer load from Non-Designated Resources located outside the PJM RTO. Refer to PJM Regional Practices, section 1.5 – PJM NETWORK Transmission Service Requests at <http://oasis.pjm.com> for information

### **1.3.6 PJM Network Import Transmission Service Requests**

Each Transmission Network use delivering Non-Designated Resources to serve PJM Designated Load must be requested on The PJM OASIS. Refer to PJM Regional Practices, section 1.5 – PJM NETWORK Transmission Service Requests at <http://oasis.pjm.com> for information.

## **1.4 Network Service Requests**

Refer to PJM Regional Practices, section 1.5 - PJM NETWORK Transmission Service Requests at <http://oasis.pjm.com> for information.

Refer to PJM Regional Practices, section 1.6 -Table Summary: Transmission Service Submittals at <http://oasis.pjm.com> for information on how PJM acknowledges the request for Network Transmission Service.

### **1.4.1 Non-Designated Resource Delivery to Designated Loads**

Non-Designated Resource Delivery to Designated Loads is defined as Network Transmission use by PJM Load Serving Entities to serve customer load from Non-Designated Resources

located outside the PJM RTO. Each Transmission Network use delivering Non-Designated Resources to serve PJM Designated Load must be requested on the PJM OASIS. Refer to PJM Regional Practices, section 1.5 - PJM NETWORK Transmission Service Requests at <http://oasis.pjm.com> for information

### 1.5 Evaluation of Transmission Service Requests

Once a Transmission Service Request is received (“status = STUDY on OASIS”) the evaluation process begins. Each request for transmission service is evaluated by PJM to determine if there is sufficient capability to accept the request and ensure reliable service to all transmission customers.

Available Transfer Capability (ATC) is the capability remaining in the network above that which is already committed. The ATC process is administered by the Transmission Service Department. The ATC calculations are described in Section 2 of this manual.

All Transmission Service Requests are evaluated by PJM based on posted ATC and other reliability analysis. If there is available transmission capability and there are no known reliability problems, the transmission service request is accepted. Once PJM has accepted the request, the ATC posting is adjusted to reflect the new transmission service reservation. All requests for Long-Term Network or Point to Point Transmission Service **which extend beyond the ATC calculation horizon** are subject to the Firm Transmission Feasibility Study process detailed in Section 3 of this manual.

- Section 2.1 PJM ATC Overview

- o Refer to the OASIS Regional Practice section 1.1 for details on calculated paths. A current list of paths is available on the PJM OASIS ~~by selecting PJM Info, then PJM Transmission Paths link.~~

- Section 2.4 PJM OASIS

## 2.4 PJM OASIS

The current transmission paths can be viewed on the PJM OASIS ~~(<http://oasis.pjm.com>), or in the PJM Regional Practices document.~~