



Interconnection Process Reform Manual Language Updates

July 2023 Planning Committee

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Interconnection Projects

- Manual updates to incorporate the FERC approved Tariff changes filed in Docket ER22-2110-000 and conditionally approved on November 22, 2022.
- Seeking endorsement from the Planning Committee.
 - New Manual 14H – New Service Requests Cycle Process
 - Updates to 8 existing Manuals
 - Manuals 14 A,B,C,E & G
 - Manuals 20, 21 and 21A
- Draft manuals have been previewed at the Interconnection Process Subcommittee.

All Manuals

- Minor edits to accurately reflect new process terminology.

Manual 14H

- Added new Attachment J: Site Plan Requirements.
- Added clarifying language in the Introduction, Sections 2, 6 and Attachments B and I.
- Updated Exhibits for clarity.

Section #	Title
Introduction	Clarified that time periods specified in the manual are calendar days unless otherwise noted as Business Days.
2	Added new sub-section “Withdrawal prior to the Start of Phase I” that explains how New Service Requests may be withdrawn prior to the start of Phase I.
6	Clarified that for requests to add another resource type to an existing or planned facility, the required Study Deposit and Readiness Deposit will be based on the equipment technology size (MW) installed, even if no increase of MFO or capacity.
6	Clarified that a separate Readiness Deposit wire or letter of credit is required for each individual application.
All	Updated Exhibits for clarity throughout the manual

Attachment #	Title
Attachment B	Clarified that for multiple projects connecting to the same POI, In the event that there is no room for expansion at the substation, the Transmission Owner will provide cost estimate for an electrically equivalent viable alternative, in accordance with Transmission Owner’s Applicable Technical Requirements and Standards.
Attachment I	Added new sub-section “Expedited Process Final Agreement Negotiation” to explain the Final Agreement Negotiation process for projects in the expedited process (“fast lane”)
Attachment J	Added new Attachment J “Site Plan Requirements” which provides examples of Site plans for Interconnection Requests.

Planned Review Timeline

2023:

April

May

June

July

APRIL 24

IPS

Post Draft Manuals and Solicit Feedback

MAY 10

IPS★

Deadline for Feedback to be considered at May 18 Session

JUNE 6.

PC

First Read

JULY 11

PC

Endorsement

LEGEND

IPS – Interconnection Process Sub-Committee

PC – Planning Committee

MRC – Markets & Reliability Committee

MAY 18

IPS

IPS Special Session for Manual Feedback

JUNE 22.

MRC

First Read

JULY 26

MRC

Endorsement

JULY 26

Target

Effective Date

MAY 25

IPS

IPS Meeting

Manual Feedback

★ Indicates deadline

- Please email questions or feedback to IPRTF_ManualReviewTeam@pjm.com.
- Feedback should reference specific sections/language in the manuals where possible.

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Appendix

New - Manual 14H New Service Requests Cycle Process

- Captures transition period rules, new process rules, and interconnection related agreements.
- Consolidates applicable content from existing:
 - M14A - New Services Request Process
 - M14E - Upgrade and Transmission Interconnection Requests
 - M14G - Generation Interconnection Requests

Existing – Manuals 14A, 14E and 14G

- Updates to clarify applicability.
- Manuals will apply to projects that are tendered final agreements prior to the transition to the new rules.

Existing - Other Manuals

- Updates to incorporate new process rules and terminology changes (Refer to Appendix for details)
 - M14B – PJM Regional Transmission Planning Process
 - M14C – Generation & Transmission Interconnection Facility Construction
 - M20 – Resource Adequacy Analysis
 - M21 – Rules and Procedures for Determination of Generating Capability
 - M21A – Determination of Accredited UCAP Using Effective Load Carrying Capability Analysis

Section #	Title
	Introduction
1	New Service Request Study Process Overview and Determining Customer Type
2	Application Phase
3	PJM Support for New Service Customers
4	Phases and Decision Points
5	Final Agreement and Negotiation Phase
6	Study and Readiness Deposits
7	Site Control Requirements

Section #	Title
8	Summary of Agreements
9	Generator Interconnection Requirements, Rights and Obligations
10	Transmission Interconnection Requests - Rights and Obligations
11	Upgrade Request
12	Surplus Interconnection Service
13	Affected System Studies
14	Converting a Two-party Agreement to GIA

Attachment	Title
A	Interconnection Process Flow Diagram
B	Cost Allocation Procedures
C	Facilities Study Procedure
D	HVDC Additional Study Requirements
E	Transmission Injection Rights and Transmission Withdrawal Rights
F	Incremental Auction Revenue Rights
G	Incremental Deliverability Rights
H	Incremental Capacity Transfer Rights and Qualified Upgrades
I	Transition Procedures
J	Site Plan Requirements

M14A – New Service Request Process

Introduction: Added applicability language

M14B – PJM Regional Transmission Planning Process

- Introduction: Revised terminology to align with new tariff language, updated references
- Section 1A.3.1.1: Updated terminology
- Section 1.1: Updated terminology/references
- Section 1.4.1.6: Updated terminology/references
- Section 1.4.3: Updated terminology
- Section 2.1.1.1: Updated terminology/references
- Section 2.1.2: Updated terminology/references
- Section 2.2: Updated terminology, revised note to clarify potential impact of generation retirements
- Section 2.3.1: Updated terminology
- Section 2.3.3: Updated terminology
- Section 2.4: Updated terminology, streamlined language
- Section 2.5: Updated reference
- Section 2.9: Updated Terminology
- Attachments A, B, C, G: Updated terminology and references

M14C – Generation & Transmission Interconnection Facility Construction

- Section 1: Updated to expand agreement names
- Section 1.3: Revised terminology, added reference to WMPA location
- Sections 1.6 to 1.10: Added new sections to detail GIA, EPA, CSA, NSA, and NUCRA agreements
- Section 2: Revised terminology throughout
- Section 3: Revised terminology/references throughout
- Section 3.1: Added statement regarding transition from ISA/ICSA to GIA, removed note regarding "on hold" network upgrades
- Section 3.7: Added statement regarding new process suspension rules
- Section 4: Revised terminology/references throughout
- Section 5: Revised terminology/references throughout
- Attachment A: Revised terminology
- Attachment C: Added statement clarifying suspension rules following Transition Date

M14E – Upgrade and Transmission Interconnection Requests

Introduction: Added applicability language

M14G – Generation Interconnection Requests

Introduction: Added applicability language

M20 – Resource Adequacy Analysis

- Introduction – General note added to describe impact of Interconnection Process Reform on existing ISAs
- Section 4.3 #13 – Reference to ISA is updated to Generation Interconnection Agreement (GIA)

M21 – Rules and Procedures for Determination of Generating Capability

- Introduction – General note added to describe impact of Interconnection Process Reform on existing ISAs
- Section 1 – Updated ISA references to GIA
- Section 2 – References to Feasibility Study Agreement updated to Phase I System Impact Study .
- Attachment B – Updated ISA references to GIA

M21A – Determination of Accredited UCAP Using Effective Load Carrying Capability Analysis

- Section 4.1 – Updated references from Interconnection Service Agreement to Generation Interconnection Agreement
- Section 4.2 & 4.3 – Updated references to interconnection queue

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