

# PJM Manual 14H: New Service Requests Cycle Process

## 4.10 Other Related Studies Performed

### 4.10.1 Interim Deliverability Studies

#### 4.10.1.1 Applicability

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PJM performs interim deliverability studies for two reasons:

1. Projects that request to come into service prior to the base case study year in which they are studied and
2. Projects that request to come into service prior to the construction of a required Contingent Facilities. Contingent Facilities are identified in the latest System Impact Study or in either (i) Specifications, section 3.d or (ii) Schedule F of the GIA or ISA. Contingent Facilities may be Network Upgrades, baseline upgrades, or Supplemental Project upgrades.

These studies are performed in order to determine whether a project is deliverable for all or a portion of its output.

#### 4.10.1.2 Schedule for Interim Deliverability Studies

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Notwithstanding Tariff Part VII, Subpart E, section 327 and Tariff Part VIII, Subpart E, section 425, Project Developers that request an Interim Deliverability Study under these provisions, agree to waive their rights to confidential treatment of such requests and further agree that requests inclusive of project name, location, Project Identifier and requested study output megawatt for interim deliverability studies for a particular Delivery Year shall be made a minimum of eleven months prior to the start of that Delivery Year and will be publicly posted. PJM will only consider projects for interim deliverability analysis if a Project Developer initiates a request to be studied for a particular Delivery Year. PJM intends to provide interim deliverability results eight months prior to the start of the Delivery Year.

#### 4.10.1.3 Analysis for Interim Deliverability Studies

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The interim deliverability study evaluates the system availability differently depending on the reason for the interim study. Projects requesting to come into service prior to the base case study year in which they were originally studied are evaluated against all violations. Projects that request to come into service prior to the construction of a needed Contingent Facility are only evaluated against the violations in which system reinforcement mediates.

The interim deliverability study results are only valid for the RPM auction Delivery Year for which they were studied. The Delivery Year is defined as June 1<sup>st</sup> of the first year to May 31<sup>st</sup> of

the following year (e.g., the Delivery Year for the 2024/25 3rd Incremental Auction is considered to be from June 1<sup>st</sup> 2024 to May 31<sup>st</sup> 2025). The base case used for the interim study will be based off of an RTEP case of the Delivery Year under study. The Provisional Interconnection Service granted through the interim deliverability study process will be publicly posted.

The flowgate loading for the interim deliverability study performed follows the Generator Deliverability Procedure detailed in C.3 of Manual 14B.

A project is considered fully deliverable if the project only contributes to flowgates with a post study loading less than 100% or has a MW contribution less than 1% of the line rating to an overloaded flowgate. A project is considered not deliverable if the MW contribution is 1% or greater of the line rating of a previously overloaded flowgate.

For flowgates that are not overloaded prior to the interim deliverability study but are overloaded at the end of the interim deliverability study, deliverable MW's will be determined via a cluster study methodology and will be allocated proportionally based on the project's MW impact to the flowgate and distribution factor (DFAX).

At PJM's discretion, PJM may allow Provisional Interconnection Service for projects with Contingent Facilities to operate as energy-only resources for a particular Delivery Year. During such periods, PJM reserves the right to deny Provisional Interconnection Service for projects or to limit total injections for projects consistent with the results of the interim deliverability study (which may be less than the Maximum Facility Output).

The interim deliverability study shall include any additional studies necessary to evaluate a New Service Request's eligibility for Provisional Interconnection Service.

**Note:**

- Even if a project is found to be deliverable or granted Provisional Interconnection Service for a particular Delivery Year, interim deliverability must be requested for each additional Delivery Year that the conditions apply. An energy-only resource is eligible for Provisional Interconnection Service but not awarded Capacity Interconnection Rights.
- Projects operating under Provisional Interconnection Service will be dispatched consistent with all applicable operating procedures including, but not limited to, those established in M-12 and M-14D.

Beginning with the 2027/2028 Delivery Year Interim Deliverability Study, PJM will implement a cluster-based methodology for the allocation of deliverable capacity and/or energy megawatts in the Interim Deliverability Study. Under this methodology, all eligible Interim Deliverability Study requests will be grouped into two subclusters.

- Subcluster 1 shall include projects that are already provisionally operational based on the prior Delivery Year's Interim Deliverability Study results.
- Subcluster 2 shall include all other projects that have met the requirements for requesting an Interim Deliverability Study and are not included in Subcluster 1.

For purposes of allocating deliverable megawatts for the delivery year under the study, PJM shall first evaluate and assign deliverable megawatts to projects in Subcluster 1 using a cluster-based methodology and will be allocated proportionally based on the project's MW impact to the flowgate and distribution factor (DFAX). To the extent that deliverable megawatts remain available after completion of Subcluster 1 deliverable megawatt allocations, PJM shall then assign deliverable megawatts to projects in Subcluster 2 using the same methodology.

**Note:**

- Subcluster 1 status does not guarantee that such project will be determined deliverable in the Interim Deliverability Study for a Delivery Year.
- Projects that were deemed fully or partially deliverable as a result of an Interim Deliverability Study for a prior Delivery Year but did not commence provisional operation during that Delivery Year shall be classified as Subcluster 2 for Interim Deliverability Study for the subsequent Delivery Year.

#### **4.10.1.4 Eligibility Requirements for Interim Deliverability Studies**

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Requests for interim deliverability studies for a particular Delivery Year shall be made a minimum of eleven months prior to the start of that Delivery Year. Only projects with an executed GIA or ISA or have confirmation from their PJM Project Manager that they are expected to receive a GIA prior to the 3<sup>rd</sup> Incremental Auction may participate in the interim deliverability study for that Delivery Year. Requests received after the start of the interim deliverability study will not be considered. Refer to PJM Capacity Market Manual 18, Section 4.2.4, for eligibility requirements to participating in a PJM RPM auction.