Interim Deliverability Studies FAQ

General

1. What is an Interim Deliverability Study?

An Interim Deliverability Study is a power flow study conducted for New Service Request projects that (i) request to come into service earlier than their original basecase study year or (ii) before the completion of required Network Upgrades that are listed as contingent facilities in Interconnection Agreement (GIA) or (iii) a Long Term Firm (LTF) service request that is less than 5 years request and wants to be studied on year to year basis.. The study evaluates whether the project can deliver Megawatts reliably to the system under such conditions.

2. What are the scenarios requiring an Interim Deliverability Study?

Interim Deliverability Studies are required in the following cases:

- When a New Service Request project seeks to come online prior to the year studied in the basecase model for their System Impact Study.
- When a New Service Request project requests come online before completion of all required Network Upgrades identified in their Interconnection Service Agreement (contingent facilities).
- When a Long term Firm (LTF) request requests to be in service for less than 5 years with no rollover right but beyond Available Transfer Capability (ATC) period.

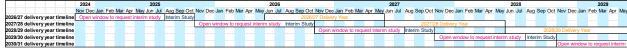
3. What are contingent facilities in the context of interim studies?

Contingent facilities refer to Network Upgrades identified during the System Impact Study or Affected System study that must be completed to mitigate adverse system impacts caused by the interconnection of a New Service Request project.

Study Timing

4. When can I request interim deliverability study for a particular delivery year?

PJM opens the window to request interim deliverability study for each delivery year from November to July of the year before each delivery year. The graphic below shows the timeline of the application window and study period:



5. How can I request for interim deliverability study when the application window is open?

You can access the interim deliverability application SharePoint form in the link below during the application window:

LINK: https://connect.pjm.com/InterimStudy

6. How many times does PJM perform Interim Deliverability Study for each delivery year?

Per the timeline provided in this document, PJM only performs one interim deliverability study for each delivery year. Each study is completed prior to the 3rd Incremental Auction for the upcoming delivery year. Interim deliverability study request outside of this window will not be accepted by PJM.

7. What is the validity period of an Interim Deliverability Study?

The results of an Interim Deliverability Study are valid only for the specified delivery year (from June 1 of the first year to May 31 of the following year). For any subsequent delivery year, you are required to submit a separate interim deliverability request for each delivery year until all required Network Upgrades are placed in-service.

Deliverability and Operations

8. Can a project continue operations if contingent facilities are not completed?

If a project is found deliverable one year, they cannot assume they are deliverable into the future. A project cannot continue operations beyond the delivery year unless (i) all contingent facilities are completed or (ii) another Interim Deliverability Study is requested and the project is found deliverable for the subsequent delivery year.

9. What happens if a New Service Request project is deliverable for one delivery year but not deliverable for the next delivery year?

If a project is deemed deliverable for one delivery year but not deliverable for the subsequent year, the project must cease operation during the year it is found not deliverable. Entering service through an Interim Deliverability Study involves the risk that the project may not be permitted to operate in subsequent years until all required Network Upgrades are completed and in-service.

10. How does PJM determine deliverability in interim studies?

PJM applies the Generator Deliverability Procedure for both single and common contingencies (details on Attachment C of PJM Manual 14b) to assess whether a project can operate without causing reliability violations. This includes flowgate loading evaluations and proportional allocation of deliverable capacity.

${\bf 11.} \ \ {\bf Are \ there \ specific \ submission \ timelines \ for \ requesting \ an \ Interim \ Deliverability \ Study?}$

Yes, requests for an Interim Deliverability Study must be submitted to PJM at least ten (10) months before the start of the applicable delivery year.

12. What happens if a project is deemed not deliverable?

If the Interim Deliverability Study determines the project is not deliverable, it will not be permitted to operate until the identified Network Upgrade reinforcements are completed and placed in-service.

13. Can multiple Interim Deliverability Studies be requested for the same project?

Yes, if a project requires continued interim deliverability analysis, developers must request a study for each subsequent delivery year.

14. What are the limitations of the results of an Interim Deliverability Study?

The study results are limited to the delivery year for which the study was conducted and do not guarantee deliverability for subsequent years or conditions beyond the specified scope.

Study Approach and Results

15. How does PJM communicate the results of an Interim Deliverability Study?

PJM provides the results of the Interim Deliverability Study report to the project developer,

detailing whether the project is deemed deliverable for all or a portion of their output. Interim deliverability study report will be sent via email to the email address(es) provided in the SharePoint interim deliverability study application

16. What is the consequence of failing to request an Interim Deliverability Study for early operation?

Projects that fail to request and obtain an Interim Deliverability Study for early operation may be barred from operating before their original basecase study year or the completion of contingent Network Upgrade reinforcements.

17. Can projects from other ISOs request for PJM interim deliverability study?

Yes. If as result of PJM Affected System study, a project requests to come into service earlier than their original basecase year that the project was studied on or before the completion of required PJM contingent Network Upgrade reinforcement, they can request a PJM Interim Deliverability Study.

18. **Do the PJM Interim Deliverability Study results ensure deliverability in other impacted ISOs?**No. If the project operates in another ISO or if the project has adverse impact on another ISO's facilities, you will need to follow the other ISO's rules to evaluate and confirm whether the project can come into service.

19. What cases are used to perform interim deliverability study?

PJM primarily utilizes the most recent RTEP summer case to perform the Interim Deliverability Study. However, if a project has a light load overload violation, PJM also conducts the study using a light load case. Beginning with the 2028/2029 delivery year, in alignment with the updated Generator Deliverability Procedure, PJM will, where necessary, incorporate a winter case into the Interim Deliverability Study process.

20. How can I access the case files of an Interim Deliverability Study?

If your project was evaluated through an Interim Deliverability Study, you may request the associated case files for further analysis by submitting a request through the <u>PJM CEII access</u> request webpage.

21. Can I request for interim deliverability case and perform interim deliverability on my own?

No. You can always request for Interim deliverability case files. However, PJM only utilizes its own study findings to determine deliverability of a New Service Request project.

22. What New Service Request projects are included in the interim deliverability case?

The interim deliverability study case includes all projects that have rights for that base case year. For example 2025/26 interim deliverability model is based on the RTEP case associated with the delivery year under study and includes all projects in the AG1 and prior queues. However, as part of interim deliverability study, PJM removes the projects from the case that are not anticipated to be in-service by the start of that delivery year.

23. Can my project be partially deliverable for a delivery year as result of interim deliverability study?

Yes. If a project requesting interim deliverability study is only a driver of an overload and does not contribute to any previously identified overloads, that project may be eligible for partially

deliverable MW's. In addition, PJM will be shifting the approach of the interim deliverability study for 2027/28 and later case years from serial to cluster study. As the result, a group of projects that are only contingent on one facility and do not have other overloads identified, may receive partial deliverability for the delivery year as well.