

# Provisional Interconnection Service / Interim Deliverability Process - Education

Ed Franks

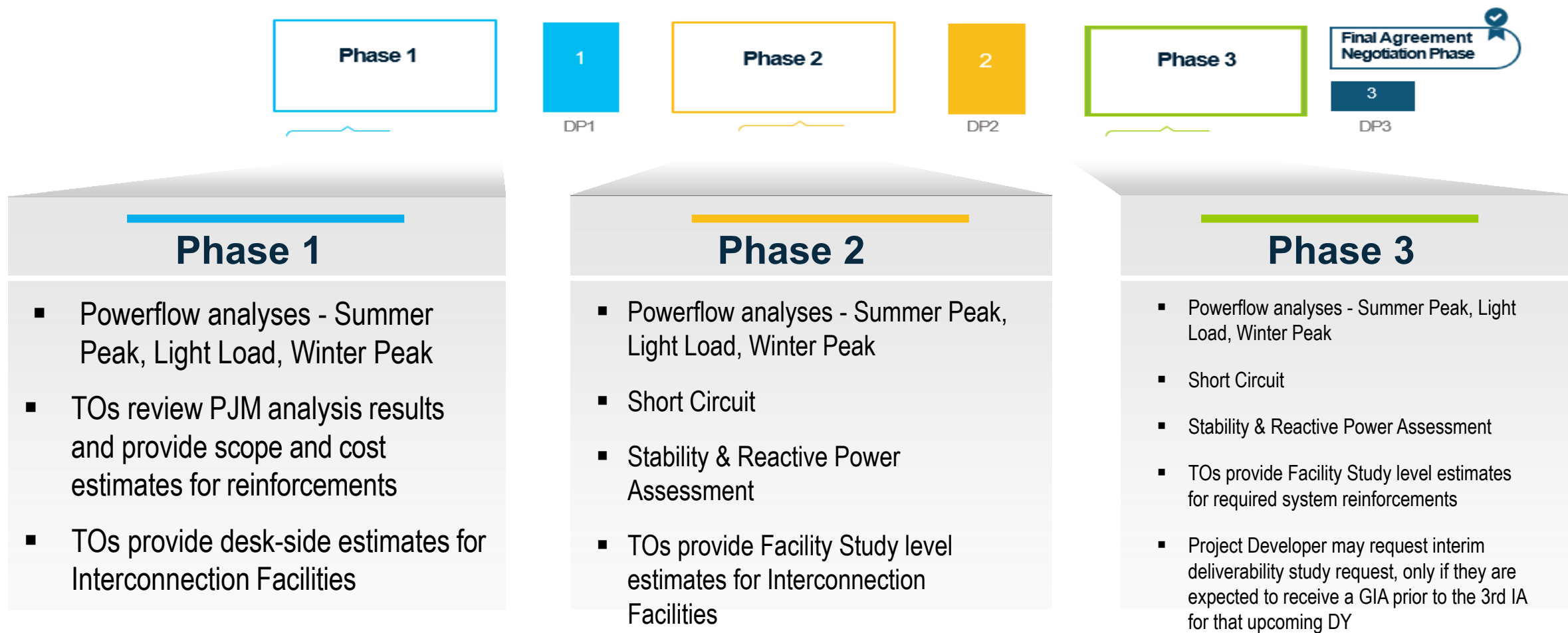
Interconnection Analysis Department

Interconnection Process Subcommittee

December 18, 2025

- Provisional Interconnection Service
- Key activities of the Cycle Process pertaining to Provisional Interconnection Service & interim deliverability
- Interim deliverability process
- Key Takeaways
- References

- Provisional Interconnection Service is interconnection service which enables the Transmission System to receive energy and capacity from the Generating Facility at the POI pursuant to the terms of the GIA.
- GIA – Appendix 2, section 1.4A.1 “Limited Operation”:
  - If any TO Interconnection Facilities and TO Upgrades are not expected to be completed prior to Initial Operation of the Generating Facility, Project Developer may request limited Interconnection Service which is evaluated via PJM interim deliverability studies
  - Results of interim deliverability study will determine if the Generating Facility may be granted limited, interim interconnection rights (establishes MW injection limits)
- GIA – Appendix 2, section 1.4A.2 “Provisional Interconnection Service”:
  - Project Developer may request limited Interconnection Service which is evaluated via PJM interim deliverability studies





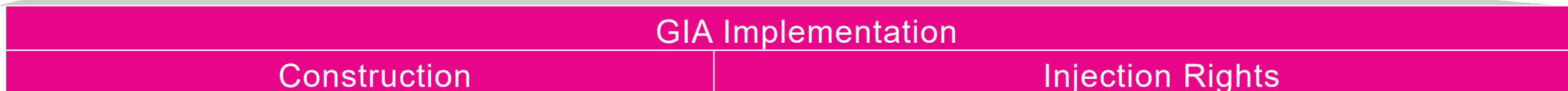
## Generator Interconnection Agreement (GIA)

### Construction

- Allows Transmission Owner to commence construction of TO Interconnection Facilities and any Network Upgrades
- Interconnection Construction Terms And Conditions are in Schedule L of the GIA

### Injection Rights

- Establishes and grants injection rights at the POI (MFO, CIRs)
  - MFO – Specifications section 1.c
  - CIRs – Specifications section 2.1
- Includes terms of service regarding Provisional Interconnection Service & interim injection rights in Appendix 2, section 1.4A (see slide 3 for details on section 1.4A)
  - 1.4A.1 “Limited Operation”
  - 1.4A.2 “Provisional Interconnection Service”



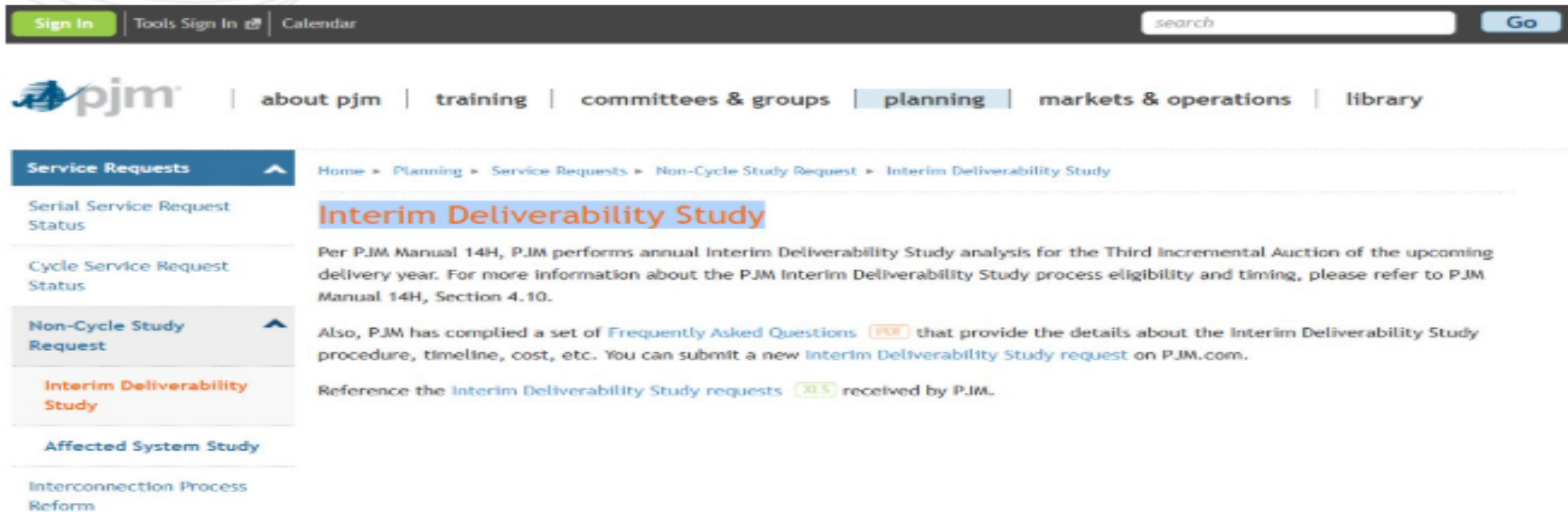
- TO Engineering & Procurement activities
- Actual Construction of TO Interconnection Facilities & Network Upgrades
- Construction of Project Developer Interconnection Facilities & Generating Facility
- Project Developer may request Provisional Interconnection Service via interim deliverability study request
- PJM performs interim deliverability studies
- Interim deliverability study results will determine if the Generating Facility may be granted limited, interim interconnection rights (establishes MW injection limits)

- Reliability study performed per the Developer's request for Provisional Interconnection Service
  - Requests for Provisional Interconnection Service are evaluated via an interim deliverability study, and the results will determine if interim interconnection rights may be granted
    - establish a MW injection limit in terms of energy potentially up to the MFO stated in the GIA
    - establish the amount of CIRs which are deliverable, potentially up to the CIR value stated in the GIA
- PJM performs interim deliverability studies primarily for the following types of requests:
  - Projects requesting to come into service prior to the base case Delivery Year in which they were studied.
  - Projects requesting to come into service prior to the completion of required system upgrades or Contingent Facilities listed in the GIA (Specifications section 3)
    - Contingent Facilities may be Network Upgrades, Baseline upgrades, supplemental projects
- The interim deliverability study evaluates and determines whether the project can inject and deliver MWs reliably to the Transmission System for the specific requested Delivery Year

- PJM performs one interim deliverability study per Delivery Year (DY) - prior to the 3<sup>rd</sup> Incremental Auction for the upcoming DY
  - Delivery Year is defined as: June 1<sup>st</sup> – May 31<sup>st</sup>
- Requests for interim deliverability study must be made via SharePoint Site: <https://connect.pjm.com/InterimStudy>
  - Anyone with an account in Account Manager can access the link
  - \$10K non-refundable study deposit
- PJM performs the interim deliverability study
- PJM emails the interim deliverability study reports to Project Developer contacts listed in SharePoint
- Interim deliverability study results are also posted on the interim deliverability study webpage
  - <https://www.pjm.com/planning/service-requests/non-cycle-study-request/interim-deliverability-study>



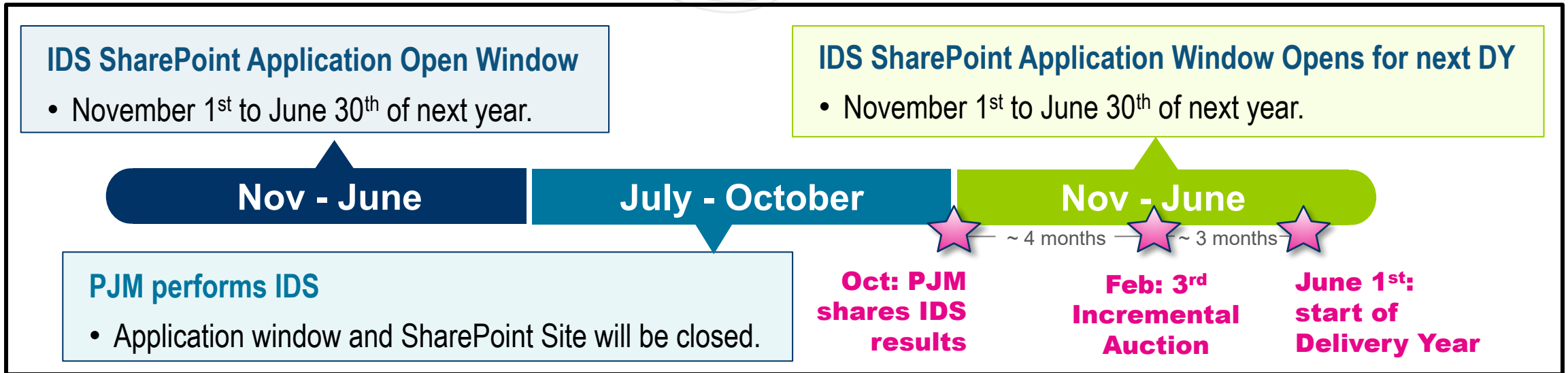
- ✓ <https://www.pjm.com/planning/service-requests/non-cycle-study-request/interim-deliverability-study>
- ✓ Link to SharePoint site to submit an interim deliverability study request
- ✓ Link to FAQ document
- ✓ Link to a posting of the study requests and study results



The screenshot displays the PJM website's navigation structure. At the top, there is a dark header with 'Sign In', 'Tools Sign In', and 'Calendar' links, alongside a search bar and a 'Go' button. Below this is a main navigation bar with links for 'about pjm', 'training', 'committees & groups', 'planning' (which is highlighted), 'markets & operations', and 'library'. The left sidebar contains a 'Service Requests' menu with options: 'Serial Service Request Status', 'Cycle Service Request Status', 'Non-Cycle Study Request' (highlighted), 'Interim Deliverability Study' (highlighted in orange), and 'Affected System Study'. The main content area shows a breadcrumb trail: 'Home > Planning > Service Requests > Non-Cycle Study Request > Interim Deliverability Study'. The title 'Interim Deliverability Study' is prominently displayed in orange. The text explains that PJM performs an annual Interim Deliverability Study analysis for the Third Incremental Auction of the upcoming delivery year, referencing PJM Manual 14H, Section 4.10. It also mentions a set of 'Frequently Asked Questions' (FAQ) and provides a link to submit a new request. A reference to 'Interim Deliverability Study requests' received by PJM is also included.

# Interim Deliverability Study (IDS) Schedule

- ✓ Deadline for submitting interim deliverability study requests for an upcoming DY is 11 months prior to DY start date
- ✓ Project Developer must request an interim study for each DY that the conditions giving rise to the need for the study apply



	2023				2024								2025								2026								2027								2028					
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
2025/26 delivery year timeline	Open window to request interim stud				Interim Study				2025/26 Delivery Year																																	
2026/27 delivery year timeline									Open window to request interim stud				Interim Study				2026/27 Delivery Year																									
2027/28 delivery year timeline													Open window to request interim stud				Interim Study				2027/28 Delivery Year																					
2028/29 delivery year timeline																	Open window to request interim stud				Interim Study																					
2029/30 delivery year timeline																									Open window to request in																	

- Interim deliverability studies consist primarily of a powerflow study (Generator Deliverability Test) performed using the most recent summer peak RTEP case for the given Delivery Year
  - Example – If Generating Facility has no required Network Upgrades or Contingent Facilities and is seeking to generate prior to their study year
- Depending on the specific analysis type that has identified the need for a required Network Upgrade or Contingent Facility (light load powerflow, short circuit, stability, etc.), additional analyses may be required as part of the interim deliverability study
  - Example – Generating Facility requires and is funding a Network Upgrade as listed in its GIA. Generating Facility requests to begin generating prior to the Network Upgrade being completed
    - The reliability criteria violation identified which required the Network Upgrade was from the stability analysis.
    - PJM would run a stability study as part of the interim deliverability study

- The results of interim deliverability study are ONLY valid for the DY that the project was studied for.
- Interim deliverability study results for one DY does not guarantee the same result for subsequent DYs.
- Projects are found to be either fully deliverable, not deliverable, or partially deliverable as part of interim deliverability study.
  - establish a MW injection limit in terms of energy potentially up to the MFO stated in the GIA
  - establish the amount of CIRs which are deliverable, potentially up to the CIR value stated in the GIA
- The Provisional Interconnection Service and the interim interconnection rights granted through the interim deliverability study results are publicly posted at the location below:
  - <https://www.pjm.com/planning/service-requests/non-cycle-study-request/interim-deliverability-study>

1	2	3
<ul style="list-style-type: none"> <li>GIA governs the construction of TO Interconnection Facilities and TO Upgrades</li> <li>GIA grants the full injection rights when the Generating Facility achieves commercial operation</li> </ul>	<ul style="list-style-type: none"> <li>Provisional Interconnection Service permits limited Interconnection Service which may be granted under limited operations until the commercial operation milestone is achieved</li> <li>Provisional Interconnection Service is granted via interim deliverability studies which will determine if the Generating Facility may be granted limited, interim interconnection rights (energy and/or CIRs, as applicable)</li> </ul>	<ul style="list-style-type: none"> <li>Provisional Interconnection Service &amp; the interim interconnection rights are only valid per Delivery Year</li> <li>Project Developer must request the interim study during the application window and before the deadline per DY</li> </ul>

- OATT Part VII, Subpart A, Section 300 and Part VIII, Subpart A, Section 400 (Definition of Provisional Interconnection Service)
- OATT Part IX, Subpart B (GIA Combined with CSA)
  - Specifications, section 1.c – MFO
  - Specifications, section 2.1 - CIRs
  - Specifications, section 3 – Construction Responsibility & Ownership of Interconnection Facilities & TO Upgrades, Contingent Facilities
  - Appendix 2, section 1.4A.1 – Limited Operation
  - Appendix 2, section 1.4A.2 – Provisional Interconnection Service
  - Schedule L – Interconnection Construction Terms And Conditions
- PJM Manual 14H
  - Section 4.10.1 – Interim Deliverability Studies
  - Section 8.5.1.3 – Rights (CIRs, Interim CIRs)
  - Section 8.6.3 – Interim Operations
- PJM Manual 14C section 1.6.3.2 – Interim CIRs
- PJM Interim Deliverability Study webpage - <https://www.pjm.com/planning/service-requests/non-cycle-study-request/interim-deliverability-study>

Acronym	Term
CIR	Capacity Interconnection Right
CSA	Construction Service Agreement
DP1	Decision Point 1
DP2	Decision Point 2
DP3	Decision Point 3

[PJM Glossary](#)



Acronym	Term
DY	Delivery Year
GIA	Generation Interconnection Agreement
IA	Incremental Auction
MFO	Maximum Facility Output
MW	Megawatt

[PJM Glossary](#)



Acronym	Term
POI	Point of Interconnection
RTEP	Regional Transmission Expansion Plan
TO	Transmission Owner

[PJM Glossary](#)

Facilitator:

Amanda Martin, [Amanda.Martin@pjm.com](mailto:Amanda.Martin@pjm.com)

Secretary:

Rebecca Gerber, [Rebecca.Gerber@pjm.com](mailto:Rebecca.Gerber@pjm.com)

Presenter:

Ed Franks, [Edmund.Franks@pjm.com](mailto:Edmund.Franks@pjm.com)

## **Provisional Interconnection Service / Interim Deliverability - Education**

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### **Member Hotline**

(610) 666 – 8980

(866) 400 – 8980

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

**PROTECT THE  
POWER GRID  
THINK BEFORE  
YOU CLICK!**



Be alert to  
malicious  
phishing emails.

**Report suspicious email activity to PJM.**  
(610) 666-2244 / [it\\_ops\\_ctr\\_shift@pjm.com](mailto:it_ops_ctr_shift@pjm.com)

