

# Transmission Expansion & Interconnection Manual Revisions

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Thinh Nguyen

Sr. Manager, Interconnection Projects

**ESPWG/TPAS**

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# Agenda

- Background
- Objectives
- Overview of Significant Updates
- Schedule/Next Steps

**Revisions from 6/10 TPAS/ESPWG/ICAP WG  
are noted in red**

# Background

- Last update to the Transmission Expansion & Interconnection (TE&I) manual was June 2017
- Since June 2017, several tariff revisions have been accepted by FERC revising the transmission expansion and interconnection procedures

# Objectives

- Update manual provisions in light of recent tariff revisions
- Add additional detail regarding interconnection study methodology
- Clarify existing practices/procedures
- Editorial revisions

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# Overview of Revisions

- A redlined and clean version of the Transmission Expansion & Interconnection Manual (TE&I Manual) is posted with the meeting materials
- This presentation summarizes the significant content changes

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# Overview of Revisions

- Updates to conform with tariff changes made since last comprehensive manual update:
  - Updates to reflect revisions made as part of the 2017 comprehensive queue reform, as applicable
    - A. Increased Efficiencies in the Interconnection Process**
      1. Reduced the number of study agreements
      2. Created deadlines for study reports to proceed through stakeholder process
      3. Clarified roles and responsibilities of parties in the interconnection process
      4. Made Feasibility Studies under Attachments X and Z options at Developer's election with two alternative levels of analyses
      5. Revised the Interconnection Request data forms and requirements
      6. Provided parties the option to narrow the scope of studies required or uprate projects
      7. Allowed certain projects with multiple voltage levels to submit a single Interconnection Request

# Overview of Revisions

- **Updates to conform with tariff changes made since last comprehensive manual update:**

- Updates to reflect revisions made as part of the 2017 comprehensive queue reform, as applicable . . . (continued)

## **B. Improvements to the Class Year Study Process**

1. Revised Class Year Start Dates
2. Created the “Bifurcated Class Year” process
3. Afforded additional opportunities for projects to withdraw from the Class Year Study
4. Specified how a project can finalize an Interconnection Agreement prior to completion of a Class Year Study and/or request Limited Operations prior to execution of an Interconnection Agreement

# Overview of Revisions

- **Updates to conform with tariff changes made since last comprehensive manual update:**

- Updates to reflect revisions made as part of the 2017 comprehensive queue reform, as applicable . . . (continued)

## **C. Other Clarifications and Improvements to the Interconnection Process**

1. Clarified base case inclusion rules
2. Updated small Generating Facility deposits and application fee requirements
3. Clarified clustering process for Small Generating Facilities
4. Clarified process for evaluation of alternative Points of Interconnection in SGIP
5. Added a requirements that certain Large Generating Facilities install phasor measurement units
6. Improved the process for calculating CRIS values applicable to the Winter Capability Period
7. Required stakeholder review of changes in Transmission Owner planning criteria
8. Increased the frequency of required updates to proposed In-Service Dates, Initial Synchronization Dates and Commercial Operation Dates
9. Clarified the withdrawal procedure
10. Required outstanding invoices to be submitted by a date certain and only after such date, truing up the amounts to be refunded to a withdrawn project



# Overview of Revisions

- Updates to conform with tariff changes made since last comprehensive manual update:
  - Updates to reflect revisions to Section 3.7 of the NYISO OATT, and Attachments P, S, X and Z to NYISO OATT as it related to the NYISO's Order No. 1000 compliance
  - Updates to reflect rules regarding External-to-ROS Deliverability Rights

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# Overview of Revisions (cont.)

- **Additional updates and revisions, including:**
  - Adding Attachment K to maintain, as a historical reference, the content of the Class Year 2001 Settlement Agreement
  - Adding Attachment L to describe normal operating procedures
  - Updates to the deliverability methodology as it relates to dispatch assumptions and as it relates to the Other Interface evaluation
  - Additional clarification and editorial revisions throughout

# Overview of Revisions (cont.)

- **Additional updates and revisions in response to comments:**
  - Adding requirement that Developer be present (in person or by phone) at the TPAS and OC at which its study scope and report are under consideration
  - Adding requirement that the scope and report reflect the most up to date good faith estimate of the project's In-Service Date and that if, at the time the scope or report is finalized, the proposed In-Service Date is infeasible, the Developer must update the In-Service Date on or before the TPAS meeting at which the scope or report is considered
  - Adding list of information NYISO will have available for scoping meetings
  - Ministerial edits and edits for internal consistency

# Targeted Next Steps

- Joint TPAS/ICAPWG – July 8, 2019
- BIC review/approval – July 17, 2019
- OC review/approval – July 18, 2019

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# Questions?

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- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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