

# New York City PPTN Update

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**Electric System Planning Working Group (ESPWG)**

Thursday, February 22, 2024

# Agenda

- **Sufficiency Criteria Clarification**
- **Evaluation Criteria Clarification**
- **Baseline Cases Update**
- **Next Steps**

# Sufficiency Criteria Clarification

# Sufficiency Criteria Clarification

## ■ Order

- Accommodate the full output of at least 4,770 MW of incremental offshore wind generation injected into New York City (Zone J), under applicable reliability standards, without reducing the overall output of other renewable resources interconnected in Zones J and K

## ■ February 14, 2024 DPS Question & Answer Document

- The “overall output” of the other renewable resources (e.g., Champlain Hudson Power Express and Empire Wind 1) in Zone J should be interpreted as the maximum output/dispatch level from each of these resources that does not create reliability criteria violations under the various stages of the assessment (i.e., N-0, N-1, N-1-0, and N-1-1) in NYISO’s Viability & Sufficiency Assessment baseline case
- In NYISO’s Viability & Sufficiency Assessment, proposed projects must maintain the baseline case output levels of the other renewable resources in Zone J and Zone K while also maintaining the incremental 4,770 MW of offshore wind generation at full output

# Evaluation Criteria Clarification

# Evaluation Criteria Clarification

## ■ Order

- Solutions are not required to relieve bulk export constraints on the interface from Zone J to the rest of the New York Control Area during light load conditions

## ■ February 14, 2024 DPS Question & Answer Document

- The bulk export constraints on the interface from Zone J to the rest of the New York Control Area must be adhered to/respected
- Under light load conditions, when securing the system to respect bulk export constraints, reduction of the incremental 4,770 MW offshore wind is permissible

# Baseline Cases Update

# Baseline Cases - Update

- **In its letter to the NYISO on February 14, 2024, the DPS provided that it is consistent with the NYC PPTN Order for:**
  - Beacon Wind and Empire Wind 2 not to be modeled in the Viability & Sufficiency Assessment baseline case
  - The Viability and Sufficiency Assessment to include a “proxy unit” to model the total offshore wind generation interconnected to Long Island at 3,000 MW
  - The NYISO to account for changes in the Viability & Sufficiency Assessment baseline case and evaluation, in accordance with NYISO’s tariff and procedures, that may result from NYSERDA’s future offshore wind awards that may be announced prior to the NYISO’s solicitation



# Baseline Cases - Update

- **Viability and Sufficiency Assessment Baseline Case – Summer Peak**
  - Dispatch of other renewable resources in Zone J
  - Inclusion of Con Edison’s LTP - Eastern Queens substation\*
  - Empire Wind 2 will be modeled as a proxy unit at its proposed POI and at 1,260 MW
  - Beacon Wind will not be modeled in the base case
  - Other renewable resources in Zone J will be dispatched at levels that do not create reliability criteria violations under the various stages of the assessment (i.e., N-0, N-1, N-1-0, and N-1-1) in VSA baseline case
  
- **Baseline Light Load Case (Additional case for consideration in the Evaluation)**
  - Inclusion of Con Edison’s LTP - Eastern Queens substation\*
  - Empire Wind 2 will be modeled as a proxy unit at its proposed POI and at 1,260 MW
  - Beacon Wind will not be modeled in the base case

\* Eastern Queens substation is only modeled for informational purposes as of February 16, 2024. If the Eastern Queens substation does not meet the inclusion rules consistent with NYISO procedures prior to the solicitation, the NYISO will update the baseline cases to no longer include the facility.

# Solicitation Schedule

- Solicitation window opens on **April 4, 2024**

Major Steps	Process Steps	Estimated Timeline
Solicitation of Solutions	Prepare baseline assessment	Q3 - Q4 2023
	Hold technical conference	Q4 2023
	System Data and Information Sharing	Q4 2023
	Issue solicitation for solutions	April 4, 2024 (Q2)*
	Solutions due in 60 days	June 4, 2024 (Q2)*
Viability & Sufficiency Assessment	Perform Viability & Sufficiency Assessment	Q2 - Q4 2024*
	Project information release, facility characterization, and stakeholder review	Q2 - Q3 2024*
	Final Viability & Sufficiency Assessment filed with PSC	Q4 2024*
Evaluation & Selection	Evaluate viable and sufficient transmission solutions	Q4 2024 - Q1 2025*
	Identify top-tier projects	Q1 2025*
	Evaluate top-tier projects and issue draft report	Q1 - Q2 2025
	Board review and action	Q2 - Q3 2025

\*Denotes change to schedule presented at January 23, 2024 ESPWG meeting

# Next Steps

- **Upcoming stakeholder meeting: March 8, 2024 ESPWG (tentative)**
- **Prior to issuing a solicitation, NYISO will share the following:**
  - Additional FAQs
  - Updates to Developer Technical Guidance Document
  - Updates to Attachment B and C of the PPTPP manual
- **Solicitation Kickoff**
  - The NYISO will open the 60-day window by posting to the NYISO's website a solicitation letter
  - Developers will be notified of the letter posting via email and postings to the ESPWG
    - The notification via email will be sent to the current list of entities on the NYISO's distribution lists
    - Interested parties that are not on a distribution list (or are unsure) should reach out to Kirk Dixon, [kdixon@nyiso.com](mailto:kdixon@nyiso.com), or routinely check the NYISO's website for updates

# Our Mission & Vision



## Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



## Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation

# Supplemental Information

# Requesting Information from NYISO

- **Preliminary baseline cases will be available on request by completing CEII/NDA form with the NYISO [here](#)**

Requested Information (Select all applicable): \*

- NYISO FERC 715 Files
- NYISO TCC Auction Data (TAD)
- Project Specific Interconnection Materials
- NYISO Direct Communications Procedure
- Dynamics and Short Circuit Databases (Non project specific)
- Phasor Measurement Equipment Requirements Document (PMU)
- MyNYISO.com access
- Other

**Other Information & Acknowledgements**

Specify what information you are looking for \*

New York City Public Policy Transmission Need cases and other supporting material

I affirm that the requested information is needed and will be used solely for the following purpose: \*

Development of a NYC PPTN project

Describe in detail

- **Changes to baseline cases may occur up to the solicitation for solution**
- **Updated cases will be available to individuals with an executed NDA**

# Requesting Information from Con Edison

- System information can be requested by completing form here on the NYISO website

Requested Information (Select all applicable): \*

- NYISO FERC 715 Files
- NYISO TCC Auction Data (TAD)
- Project Specific Interconnection Materials
- NYISO Direct Communications Procedure
- Dynamics and Short Circuit Databases (Non project specific)
- Phasor Measurement Equipment Requirements Document (PMU)
- MyNYISO.com access
- Other

Please designate "Transmission Owner" here

### Other Information & Acknowledgements

Specify what information you are looking for \*

New York City Public Policy Transmission Need system information from Transmission Owner

1. Substation breaker diagram for [insert name] substation
2. Rating sheet for [insert name] feeder
3. Field walk at [insert name] substation

I affirm that the requested information is needed and will be used solely for the following purpose: \*

A potential NYC PPTN solution was evaluated using information provided by NYISO. Following transmission constraints require additional transmission system data to finalize a proposal.

Describe in detail

Con Edison requests specific transmission constraints be listed here by including the affected feeder names and/or substations.

# Feedback

- The NYISO conducts an open and transparent process and will continue to ensure information is available to all stakeholders and Developer(s)
- Feedback and questions on the NYC PPTN should be raised during stakeholder discussions or provided to the NYISO by submitting questions to [stakeholder\\_services@nyiso.com](mailto:stakeholder_services@nyiso.com) with the subject line “NYC PPTN”
- The NYISO will review questions received from stakeholders and will address them, to extent feasible, during stakeholder meetings, other open forums, and/or in FAQ documents



# New York City PPTN Data Catalog

## Stakeholder Presentations

[July 25, 2023](#)

[NYC PPTN Update](#)

[August 22, 2023](#)

[NYC PPTN Update](#)

[PPTP Lessons Learned](#)

[September 21, 2023](#)

[NYC PPTN Update](#)

[October 2, 2023](#)

[NYC PPTN Update](#)

[October 24, 2023](#)

[NYC PPTN Update](#)

[November 2, 2023](#)

[NYC PPTN Update](#)

[November 6, 2023](#)

[NYISO Technical Conference](#)

[November 21, 2023](#)

[NYC PPTN Update](#)

[December 7, 2023](#)

[NYISO Technical Conference](#)

[December 19, 2023](#)

[PPTP Manual Updates](#)

[January 23, 2024](#)

[NYC PPTN Update](#)

[February 6, 2024](#)

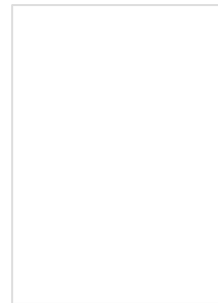
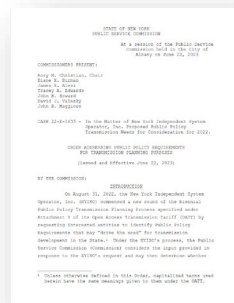
[NYC PPTN Update](#)

[February 15, 2024](#)

[NYC PPTN Update](#)

**PSC Order**

**NYC PPTN Report**



## Other Documents

[DPS/NYISO PSC Order Q&A Document](#)

[NYISO CEII Data Request Form](#)

[Con Edison NYC PPTN Related Website](#)

[NYSERDA Offshore Wind Cable Corridor Constraints Assessment](#)

[Agency Working Group Technical Conference Presentation](#)

[Con Edison Technical Conference Presentation](#)

[Con Edison FAQs](#)

[NYISO FAQs #1](#)

[DPS PSC Order Q&A Document \(Jan 2024\)](#)

[DPS PSC Order Q&A Document \(Feb 2024\)](#)

[DPS NYC PPTN Letter to NYISO](#)