

New York City PPTN

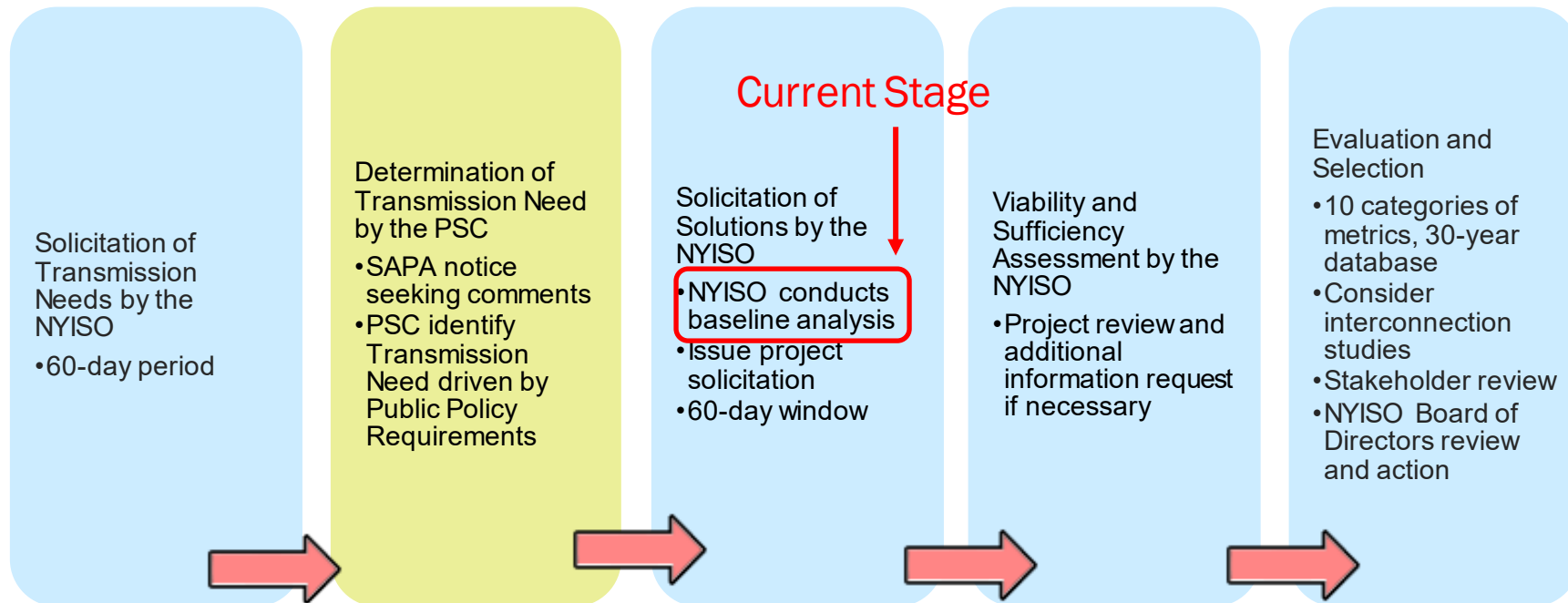
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Public Policy Transmission Planning Process



Blue means NYISO steps

Green means PSC steps

Viability & Sufficiency Methodology

- **The primary objective of the Viability and Sufficiency Assessment will be to confirm that a solution satisfies the viability requirements set forth in the OATT and the sufficiency requirements prescribed in the PSC Order (Appendix A)**
- **In assessing sufficiency, the NYISO will evaluate whether the proposed transmission solution satisfies, among other things, the following:**
 - energy deliverability for the full 4,770 MW of incremental offshore wind using steady-state N-0, N-1, and N-1-1 analysis
 - complete, end-to-end solution containing all components from the offshore interconnection point(s) to any necessary improvements to and/or expansion of the existing onshore transmission system
 - incremental offshore wind is injected into Zone J
- **NYISO will provide baseline case and other information on how it will conduct the Viability and Sufficiency Assessment. Analysis of the proposed OSW injection is expected to be included in a Developer's planning study.**
- **In addition to the Viability & Sufficiency Assessment, reliability analysis will be performed in the System Impact Study and the NYISO's evaluation for the more efficient or cost-effective solution**

Baseline Case Assumptions

- **2033 Summer Peak case updated from 2023 FERC 715**
 - ~11,310 MW of Zone J load
- **NYC OSW at full output**
 - Beacon Wind: 1,230 MW @ Mott Haven – Rainey 345 kV
 - Empire Wind 1: 816 MW @ Gowanus 345 kV
- **Long Island OSW at full output**
 - Sunrise Wind: 880 MW @ Holbrook 138 kV
 - Empire Wind 2: 1,260 MW @ Barret 138 kV
 - Additional (i.e., non-awarded): 800 MW @ Ruland Road 138 kV
 - South Fork Wind: 139 MW @ East Hampton 69 kV
- **Developers will need to propose where and how the 4,770 MW of incremental offshore wind is connected to existing system**

Baseline Case Assumptions, cnt'd

- **Major Transmission Projects**
 - T051 Propel NY Alt 5 solution to Long Island Offshore Wind Export PPTN
 - Brooklyn Clean Energy Hub
 - Champlain-Hudson Power Express (1,250 MW injection in baseline case)
 - Clean Path NY (0 MW injection in baseline case)
- **NYC Import Schedules:**
 - HTP = 0 MW
 - Linden VFT = 311 MW
 - ConEd-LIPA wheel = 300 MW
- **CY21 projects and upstate renewable buildout consistent with Outlook Study projections to meet 70 x 30 CLCPA goals**
- **LTP updates in Zones J & K that are included in FERC 715**

Baseline Case Assumptions, cnt'd

- **Certain conventional units dispatched in Zones J & K for local reliability needs**
- **Security constrained dispatch will allow system adjustments consistent with transmission security criteria**
 - Downstate renewables should be maintained at full output
- **A wider range of operating conditions will be considered in the evaluation and selection phase**

Requesting Baseline Cases

- **Preliminary baseline cases will be available on request by completing CEII/NDA form 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 PPTN project

Describe in detail

- **Changes to baseline case may occur up to the solicitation for solution**

PPTN Questions / Clarifications

- To ensure an open and transparent process, NYISO will not have confidential, one-on-one discussions with an individual Developer(s)
- Questions on the NYC PPTN should be raised in stakeholder discussions or provided to the NYISO, as described below, and NYISO address questions, to extent feasible, in stakeholder meetings, FAQ documents, or other open forums
- Please submit questions in writing to publicpolicyplanningmailbox@nyiso.com

Next Steps

- **NYISO is coordinating with DPS Staff and Con Edison on the Con Edison's information sharing process as directed by the Order**
- **NYISO to provide preliminary baseline case to prospective Developers, at their request**
- **NYISO is conducting a lessons learned from the Long Island Offshore Wind Export PPTN evaluation**
- **Schedule Technical Conference(s)**

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

Questions?