



# Public Policy Transmission Need: New York City

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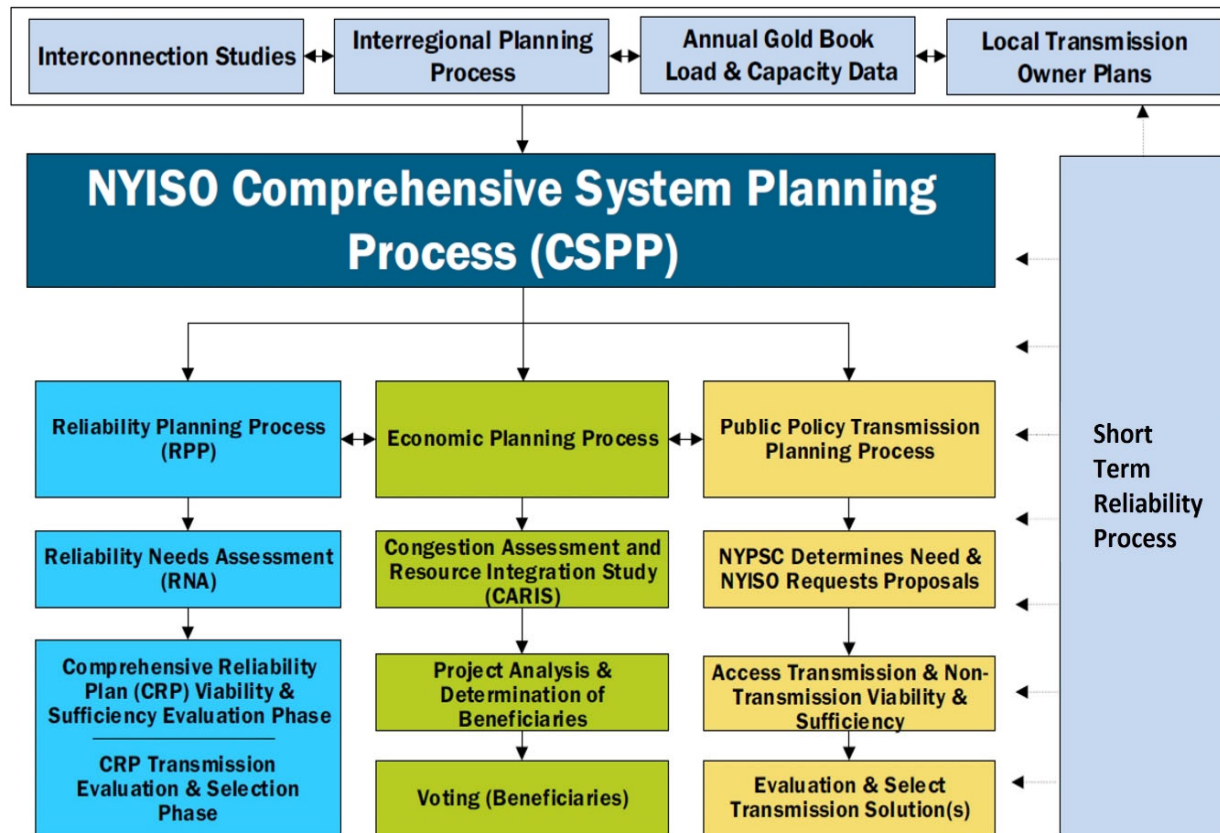
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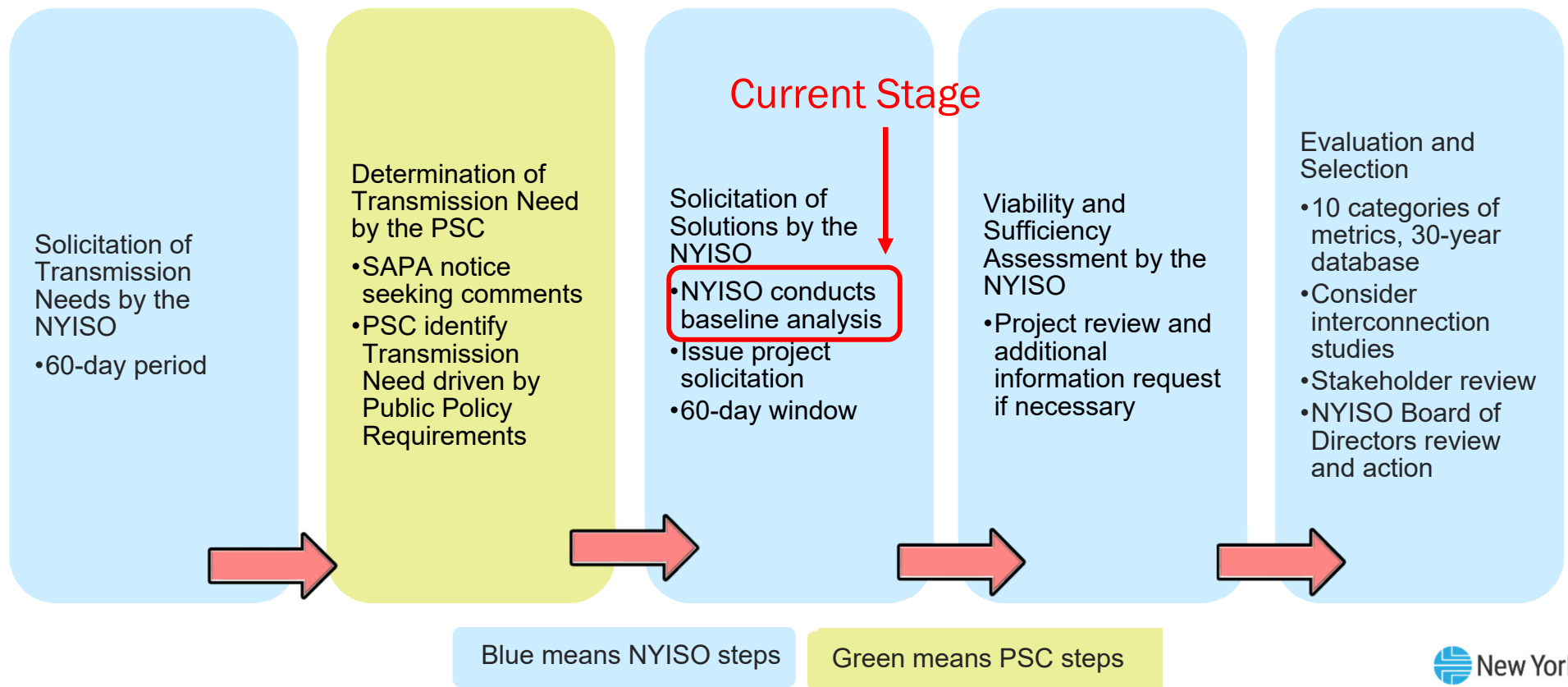
**ESPWG/TPAS**

July 25, 2023

# Comprehensive System Planning Process



# Public Policy Transmission Planning Process



# 2022-2023 Public Policy Process Cycle

- On August 31, 2022, NYISO requested potential transmission needs driven by Public Policy Requirements from interested parties
- On November 7, 2022, NYISO filed the proposed transmission needs with the PSC from 17 entities, as well as certain proposed needs with LIPA
- On June 22, 2023, the PSC issued an order declaring a Public Policy Transmission Need (“Order”):
  - <https://www.nyiso.com/documents/20142/1406395/PSC-Order-NYC-PPTN.pdf>

# June 22<sup>nd</sup> Order Highlights

- **“The CLCPA ... constitutes a Public Policy Requirement driving the need for additional transmission facilities to deliver the output of offshore wind generating resources to New York City interconnection points”**
- **The transmission need calls for proposed solutions that must accommodate the full output of at least 4,770 MW of incremental offshore wind**
  - The Order notes that scenarios representing up to to 8,000 MW of incremental offshore wind should be used by NYISO to evaluate performance of proposes solutions for expandability, renewable energy deliverability, and other metrics in evaluation phase
- **“Appendix A: Technical Requirements” of the Order contains details that will be used in defining the Viability & Sufficiency Criteria and Evaluation Criteria**

# June 22<sup>nd</sup> Order Highlights, cnt.

- **Solutions to the transmission need must:**
  - Consist of a complete end-to-end proposal comprised of both offshore and onshore components to enable power injection into Zone J
  - Contain a plan to complete all permitting and construction activities necessary to achieve an in-service date no later than January 1, 2033
  - Contain a plan for how offshore wind generation would interconnect to the end-to-end transmission proposal at the offshore interconnection points

# Complete “End-to-End” Solutions

- **Complete end-to-end proposals comprised of both offshore and onshore components to enable power injection into Zone J should include the following components:**
  - (1) offshore interconnection point(s),
  - (2) offshore transmission (i.e., submarine cables),
  - (3) sites for cable landing points,
  - (4) onshore transmission path(s) (i.e., terrestrial cables) from cable landing points to points of interconnection in Zone J, including sites for converter stations, and
  - (5) necessary improvements to and/or expansion of the existing onshore transmission system.

# Highlights of PSC Evaluation Criteria

- **The Order prescribes certain evaluation criteria for the NYISO’s evaluation under Section 31.4.8.1.9 of the OATT:**
  - Minimization, to the extent possible, of the use of AC submarine cables in constrained areas identified in NYSERDA’s 2022 offshore wind solicitation
  - Consideration of potential interference and/or synergy with the Long Island Offshore Wind Export PPTN
  - Demonstration that proposed solution will not preclude or foreclose the ability to expand and/or integrate into a future offshore transmission network
  - Optimization of intended corridors to achieve the intended level of offshore wind integration and account for the findings of NYSERDA’s Cable Corridor Assessment
- **“Appendix B: Supplemental Criteria” contains additional criteria that leverages NYSERDA Cable Corridor Assessment for routing considerations and principles**



# Involvement of State Agencies and Con Edison

- **The Order directs DPS staff to:**
  - work with the state, federal, and local authorities with jurisdiction over aspects of the siting and construction of transmission in New York City to assist proposers and the NYISO on questions of permitting risk
  - to create opportunities to inform stakeholders of progress and gather stakeholder input
- **The Order requires Con Edison to undertake a process to make information available to potential Developers concerning existing or potential points of interconnection on its system**

# Tentative Schedule

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

\*Schedule dependent on Con Edison process directed by the Order

# Next Steps

- NYISO is coordinating with DPS Staff and Con Edison
- Discuss Baseline Assessment assumptions
- Lessons learned from Long Island PPTN evaluation
- Schedule Technical Conference(s)
- Email questions to  
[Publicpolicyplanningmailbox@nyiso.com](mailto:Publicpolicyplanningmailbox@nyiso.com)

# Our Mission & Vision



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# Questions?