



Long Island PPTN Review

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Long Island Offshore Wind Export PPTN

Identification of the Need

- On August 3, 2020, NYISO requested potential transmission needs driven by Public Policy Requirements from interested parties
- On October 9, 2020, NYISO filed the proposed transmission needs with the PSC from 15 entities
- On February 3, 2021, LIPA filed with PSC a determination that a Public Policy Requirement exists in the Long Island Transmission District
- On March 19, 2021, the PSC issued an Order declaring a Public Policy Transmission Need:
 - <https://www.nyiso.com/documents/20142/1406395/Order-on-PPTPP-Determination-of-Need.pdf/10e8004a-bc8e-40f2-e6ca-28c3e4428bfd>

PSC Order Highlights

“The CLCPA constitutes a Public Policy Requirement driving the need for:

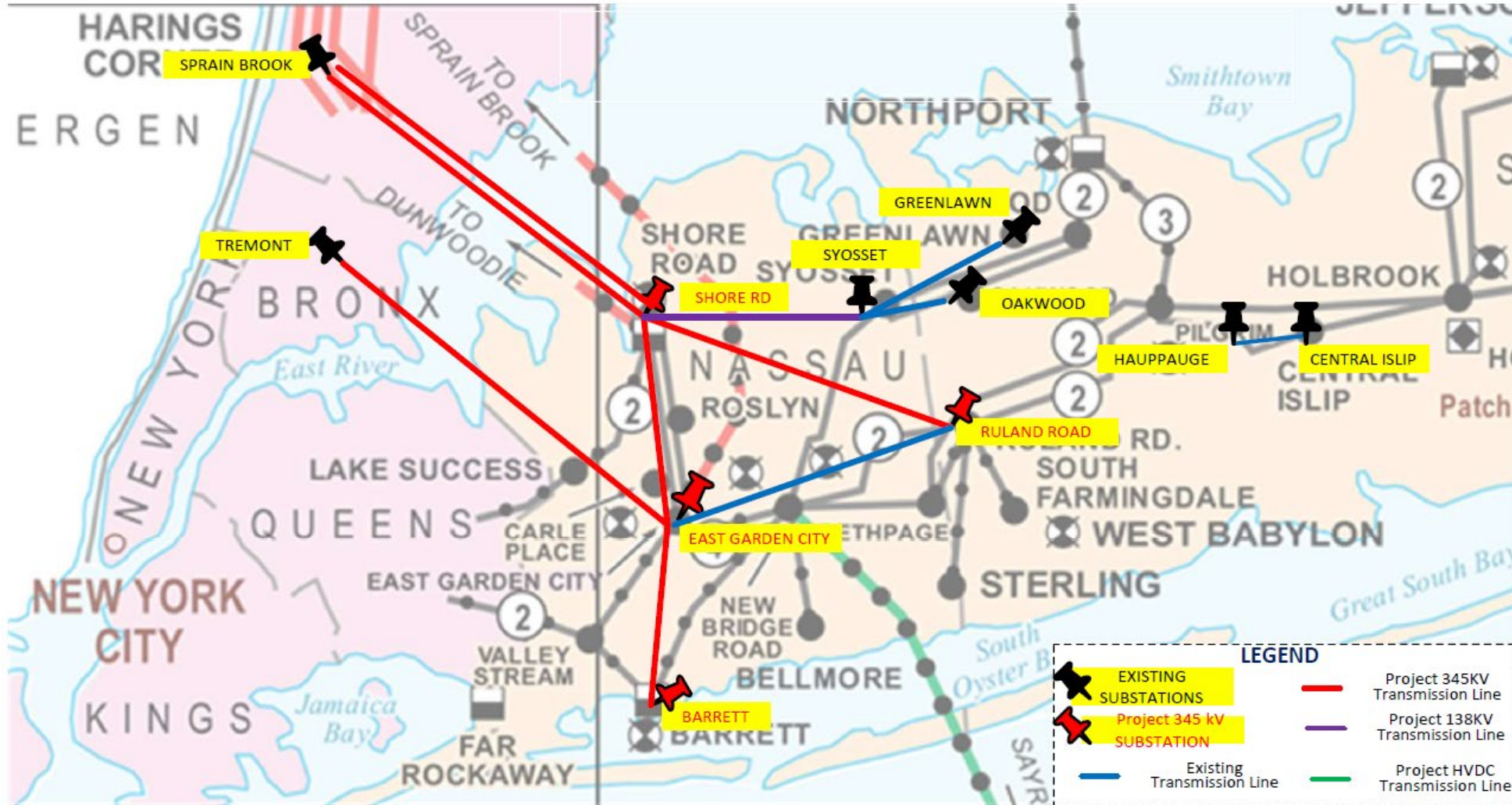
- 1) Adding at least one bulk transmission intertie cable to increase the export capability of the LIPA-Con Edison interface, that connects NYISO’s Zone K to Zones I and J to ensure the full output from at least 3,000 MW of offshore wind is deliverable from Long Island to the rest of the State; and
- 2) Upgrading associated local transmission facilities to accompany the expansion of the proposed offshore export capability.”

Project Recommendation

Project Evaluation

- **NYISO evaluated the 16 viable and sufficient solutions against the 10 metrics defined in the OATT (plus metrics identified in PSC Order) to identify “more efficient or cost-effective solution”**
 - capital cost estimate, voluntary cost cap, cost per MW ratio, expandability, operability, performance, production cost, property rights and routing, potential construction delays, and other metrics applicable to the Public Policy Requirement (i.e., achievement of the Climate Leadership and Community Protection Act (CLCPA))
- **While economic benefits (e.g., production cost, capacity benefits) help distinguish projects and inform ranking, there is no threshold that projects must meet in order to be selected under the Public Policy Planning Process**

T051 - Propel Alternate 5



T051 is the More Efficient or Cost-Effective Solution

- The total calculated cost estimate is \$3,262M with a 20/80 soft Cost Cap of \$2,554M (SECO estimate for Included Capital Costs is \$2,902M)
- The project adds three new AC tie lines and a 345 kV backbone across western/central Long Island, and partially addresses congestion from Empire Wind 2
- The project provides effective operability under a variety of outage conditions, with low cost per MW for transfer capability, expandability, and operability range
- The project has relatively low procurement, permitting, and construction risks compared to other projects, reducing the potential for increases to project cost and schedule

T051 Interconnection Studies

- **System Impact Study has not identified significant adverse impacts to reliability**
- **SIS report has been reviewed Connecting Transmission Owners and Transmission Developer and is anticipated to be presented to TPAS and OC in June 2023**
- **NUFs will be finalized in Facilities Studies**

T051 Required In-service Date

- **The Required Project In-service Date is May 2030**
- **The report presented for committee review and approval will define the “Designated Public Policy Projects” for the recommended project, as well as other in-service dates for the Designated Public Policy Projects, as applicable**

Next Steps

Draft Report Next Steps

- **Stakeholder review of all appendices**
- **Review process:**
 - May 24: BIC advisory vote
 - May 31: MC advisory vote (including MMU's review and consideration)
 - Board review and action

Comments

- **Further questions and comments regarding these results can be sent to PublicPolicyPlanningMailbox@nyiso.com**
 - Comments are requested as soon as they are available, but no later than May 22, 2023
- **Comments will be posted for stakeholder consideration**

Questions?

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