Transmission Expansion for Long Island Offshore Wind

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Resource for the Future: Offshore Wind Workshop
Session 3: Transmission and Grid Modernization

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2021 March 19th PPTN 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.”
Public Policy Transmission Planning Process

**Solicitation of Transmission Needs by the NYISO**
- 60-day period

**Determination of Transmission Need by the PSC**
- SAPA notice seeking comments
- PSC identify Transmission Need driven by Public Policy Requirements

**Solicitation of Solutions by the NYISO**
- NYISO conducts baseline analysis
- Hold Technical Conference
- Issue project solicitation
- 60-day window

**Viability and Sufficiency Assessment by the NYISO**
- Project review and additional information request if necessary

**Evaluation and Selection**
- 10 categories of metrics, 30-year database
- Consider interconnection studies
- Stakeholder review
- NYISO Board of Directors review and action

Blue means NYISO steps
Green means PSC steps

Current Stage

Criteria:
- 10 categories of metrics
- 30-year database

Stakeholders:
- NYISO Board of Directors
- Marlo O.richter, Chief Executive Officer (CEO)
- NYISO Board of Directors Members
- Stakeholder Groups

The document outlines the process for soliciting and determining transmission needs, soliciting solutions, assessing viability and sufficiency, and finally selecting the appropriate solutions, all within a structured framework.
LIPA-NYISO Export Interface & Awarded OSW Projects
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