

# NYOWA PPTN/TPAS

# Content & Use of Slides

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This slide deck is based on the comments submitted by NYOWA to NYISO for the November 3<sup>rd</sup>, 2023 technical conference regarding New York City PPTN.

The slides include 3 issues that NYOWA believes NYISO can address in its evaluation criteria under its current tariff.



# The PPTN is positive for offshore wind development, but needs evaluation metrics to ensure mitigation of schedule and deliverability risks

## NYC PPTN induced risks for New York OSW generators

1

### Permitting issues

Federal permitting process/timelines of generators and PPTN projects are misaligned

2

### HVDC equipment & export cable procurement

2033 COD is at risk, if OEM manufacturing capacity is not reserved in 2024.

3

### Operations Cost & Responsibilities

Planned & unplanned maintenance of offshore Tx equipment/cable without redundancy has significant implications on offshore generators

## NYOWA summary recommendations for NYISO evaluation metrics

- a) Request detailed permitting risk mitigation plan from Tx developers in PPTN solicitation based on NYISO's engagement with BOEM, USACE, NOAA/NMFS and other federal authorities
  - b) Explore the potential for avoiding GAP process by siting the offshore platforms in different jurisdictional waters e.g. existing leaseholds.
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- a) Request detailed procurement plans, supported by OEM manufacturer endorsements, for each bid mitigating supply chain risk to ensure PPTN COD by 2033
  - b) Require demonstratable experience and capabilities for submarine cable and offshore converter platform and onshore converter procurement with lessons-learned from those experiences
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- a) Require detailed O&M plan focusing on planned and unplanned outage duration of the offshore transmission components
  - b) Consider operational performance mechanisms that would award the offshore Tx operator to minimize outage time as each offshore wind farm outage has a significant impact to a decarbonized grid post 2030.



## NYC PPTN risks for generator project viability at a glance



# OSW generator risk profile overview for NYC PPTN

## Major drivers of uncertainty and their impacts on generation project financial viability

