

# Public Policy Transmission Need: Western NY

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#### **ESPWG**

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# Background

- FERC approved the NYISO's Public Policy Transmission Planning Process (PPTPP) in July 2014, with an effective date of January 1, 2014
- On August 1, 2014, NYISO issued a letter inviting stakeholders and interested parties to submit proposed transmission needs driven by Public Policy Requirements.
- NYISO received proposed transmission needs from eight entities.
- NYISO submitted the proposed needs to the PSC on October 3, 2014.



## **PSC Determination of a Need**

- On November 12, 2014, the PSC published a SAPA notice with a comment period through December 29, 2014.
- On April 3, 2015, the PSC sought supplemental comments regarding transmission capability in Western NY.
- On July 20, 2015, the PSC issued an order addressing Public Policy Requirements for transmission planning purposes, including identification of a Public Policy Transmission Need (PPTN) for Western NY.



### Western NY PPTN

- NYISO should consider projects that increase Western NY transmission capability sufficient to:
  - Obtain the full output from Niagara (2,700 MW including Lewiston Pumped Storage);
  - Maintain certain levels of simultaneous imports from Ontario across the Niagara tie lines (i.e., maximize Ontario imports under normal operating conditions and at least 1,000 MW under emergency operating conditions);
  - Maximize transfers out of Zone A to the rest of the state;
  - Prevent transmission security violations (thermal, voltage or stability) that would result under normal and emergency operating conditions; and
  - Maintain reliability of the transmission system with fossil-fueled generation in Western NY out-of-service, as well as in-service.



# **Sufficiency Base Case**

- 2014 Comprehensive Reliability Plan base case representation for 2024
- Niagara & Lewiston output of 2,700 MW
- 1,000 MW Ontario Import to Zone A
- Without and with major fossil-fueled generation in Zone A
  - Dunkirk
  - Huntley
  - Lockport
  - Somerset



## Viability & Sufficiency Assessment

- Ontario Import and Dysinger East transfer limits (N-1)
  - Project must achieve 2,700 MW output from Niagara plus:
    - at least 1,000 MW Ontario Import under NYSRC Emergency Transfer Criteria
    - an increase to the Ontario Import limit under NYSRC Normal Transfer Criteria
- Transmission Security (N-1-1)
  - Project must maintain transmission security with 2,700 MW output from Niagara plus:
    - Ontario Import of 1,000 MW under Emergency Transfer Criteria

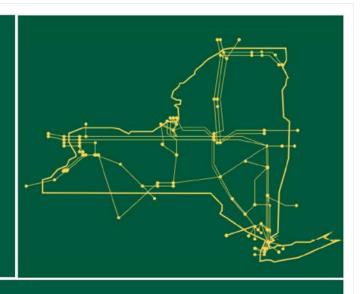


# **Next Steps**

- NYISO presents baseline results to assist solution development
- NYISO solicits Public Policy Transmission Projects and Other Public Policy Projects
  - Solicitation window: 60 days
  - Developer qualification information: submit no later than 30 days after the solicitation for solutions
- NYISO conducts Viability & Sufficiency Assessment of all proposed projects



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