



To: New York Independent System Operator Electric System Planning Working Group

Date: March 15, 2024

This memo describes two modifications to the assumptions used in the expansion planning model for the State Scenario shared by the Coordinated Grid Planning Process and the System Resource Outlook.

The Champlain Hudson Power Express project should be modeled as contributing to the achievement of 70x30 in the State Scenario, due to the load forecast assumed, which is based on the Climate Action Council Integration Analysis “Scenario 2”. The Public Service Commission “[Order Adopting Modifications to the Clean Energy Standard](#)” dated October 15, 2020 states that “if load exceeds current projections, the State could end up needing the full contemplated schedule of Tier 1 procurements in addition to procurements under Tier 4.” The estimated load forecast in the White Paper on Clean Energy Standard Procurements, dated June 18, 2020, forecasted statewide electric load in 2030 to be 151,678 GWh of wholesale energy requirements. The current estimate being used for the State Scenario is over 175,000 GWh, an increase of approximately 23,000 GWh which would imply that the Tier 1 program increase its procurements by over 16,000 GWh by 2026, to ensure a sufficient quantity of renewables are operational by 2030. The dramatic increase in Tier 1 obligation implied by the current State Scenario load forecast is the potential scenario described by the Commission in the 2020 Order discussion cited above, where the Tier 4 generation can serve as a contingency for the achievement of 70x30. The 2023 Gold Book baseline large load forecast should also be utilized.

This guidance supersedes previous guidance pertaining to the treatment of Champlain Hudson Power Express project, provided at the November 18, 2022 ESPWG meeting ([here](#)) and the 2023 Outlook assumptions matrix that the NYISO discussed with stakeholders at the November 21, 2023 ESPWG meeting ([here](#)).

Additionally, for computations related modeling the 70x30 target, the following formula should be used in the State Scenario:

$$\frac{\text{Renewable generation}}{\text{Load forecast} + \text{electrolysis load} + \text{net storage load}}$$