

Appendix B

2021-2040 System & Resource Outlook (The Outlook)

**A Report from the New York
Independent System Operator**

September 22, 2022

Appendix B: Other Economic Planning Studies

In addition to the System & Resource Outlook, the Economic Planning Process allows stakeholders to request two types of studies. The Requested Economic Planning Study (REPS) and Economic Transmission Project Evaluation (ETPE) provide mechanisms for stakeholders to leverage NYISO models and expertise to study projects and system conditions that differ from The Outlook study. A REPS is an informational study that can be performed in a confidential manner, while an ETPE is performed publicly to evaluate a specific transmission project proposal seeking cost allocation and cost recovery through the NYISO's tariffs. More details on each study type can be found below.

Requested Economic Planning Study (REPS)

A Market Participant or any other interested party may, at any time, request that the NYISO perform a study separate from and in addition to the System & Resource Outlook at the requesting party's sole expense and solely for informational purposes. The scope and deliverables for the Requested Economic Planning Study will be agreed upon by the NYISO and the requesting party. The rules governing Requested Economic Planning Studies are established in Section 31.3.3 in Attachment Y to the Open Access Transmission Tariff (OATT). The Requested Economic Planning Study Request Form and the Study Agreement for a Requested Economic Planning Study are located in Sections 31.13 and 31.14 in Attachment Y of the OATT. Additionally, the Requested Economic Planning Study Request Form is posted on the NYISO website¹.

Economic Transmission Project Evaluation (ETPE)

The purpose of the ETPE is to process specific transmission projects for which Developers are seeking to allocate and recover their projects cost through the NYISO OATT as Regulated Economic Transmission Projects. If a Developer voluntarily proposes a RETP to address constraint(s) on the BPTFs identified in the Economic Planning Process, the NYISO: (i) processes that project proposal in an Economic Transmission Project Evaluation in accordance with the relevant provisions set forth in Sections 31.3.2, 31.5.1, 31.5.4, and 31.5.6 of Attachment Y of the NYISO OATT and the Economic Planning Manual and (ii) provides benefit/cost analysis and other analysis of potential generic solutions to the congestion

¹ See under *Economic Planning Studies > Study Forms* which is located on the NYISO Comprehensive System Planning Process webpage (<https://www.nyiso.com/cspp/>).

identified. For purposes of the ETPE, the NYISO will use the most recent System & Resource Outlook database and report approved by the NYISO Board of Directors.

To perform the ETPE, the NYISO updates the base case database to be utilized in the production cost modeling and associated evaluation of any proposed Regulated Economic Transmission Projects. The tariff establishes the requirements by which the NYISO will first determine whether a proposed Regulated Economic Transmission Project is eligible for consideration by beneficiaries for cost allocation and recovery under the NYISO OATT. In essence, an Economic Transmission Project is eligible for cost allocation if it costs at least \$25 million, the benefit to cost ratio of the project is at least 1.0, and 80 percent or more of the weighted vote of the load serving entities approve the project. The tariff also establishes the requirements for the determination of the load serving entity beneficiaries, the assignment of voting shares to load serving entities, and the procedures by which the beneficiaries vote on whether to approve a proposed Regulated Economic Transmission Project for cost allocation and cost recovery under the NYISO OATT. For an Interregional Transmission Project, the NYISO will jointly evaluate the project proposal with the relevant adjacent transmission planning region(s) in accordance with Section 7.3 of the Interregional Planning Protocol.

More details can be found in the Economic Planning Process Manual².

² Economic Planning Process Manual:
https://www.nyiso.com/documents/20142/2924447/epp_caris_mnl.pdf/6510ecc7-e0a6-7bee-e776-694abf264bae/