

NYISO System and Resource Planning Status Report

August 31, 2018

Comprehensive System Planning Process (CSPP):

Order No. 1000

- On June 5, 2018, FERC accepted the NYISO's remaining tariff changes in compliance with Order No. 1000.

Reliability Planning Process:

- The 2018-2019 cycle of the Reliability Planning Process (RPP) has commenced. In preparation, the New York Transmission Owners presented their Local Transmission Plans and NYPA presented its Transmission Plan to the NYISO stakeholders last fall. The NYISO revised the Reliability Planning Process Manual #26, which was approved by the Operating Committee and posted on the NYISO web site. The NYISO presented the preliminary Reliability Needs Assessment (RNA) schedule, proposed scenarios, modeling assumptions and inclusion rules at the February 22, March 13, April 5, June 1, and June 22 ESPWG/TPAS meetings. At the June 22 ESPWG/TPAS meeting, the NYISO presented the preliminary ("1st pass") Reliability Needs. There were no Resource Adequacy Reliability Needs identified for the 10-year study period. There was one preliminary Transmission Security Reliability Need identified in year 10 on a 138 kV line in eastern Long Island that was overloaded for an N-1-1 condition. On June 28th, PSEG-LI presented a firm LTP update to increase the rating on this line. With this increased rating, the overload is resolved. Therefore, there is no Transmission Security Reliability Need identified for the 10-year study period. The 2018 RNA draft report was reviewed by ESPWG/TPAS at their July 19, August 8, and August 22 meetings, and it will be on the September 12 OC and September 26 MC agendas for recommendation for the NYISO's Board approval (targeting October).
- On March 22, the NYISO determined that J-Power USA had submitted a complete Generator Deactivation Notice for two 50 MW nameplate units that comprise its Pilgrim facility. In conjunction with the Long Island Power Authority ("LIPA"), the Generator Deactivation Assessment identified two reliability needs arising on the LIPA 69 kV system for 83 MW of resources immediately, increasing to 88 MW in 2023. Because the needs arise in the near term and solely on local (non-bulk) transmission facilities, the tariff provides for the NYISO to solicit regulated transmission solutions from LIPA only as the Responsible Transmission Owner. The NYISO sent out the solicitation for solutions on July 9th seeking market-based solutions as well as temporary solutions that resolve the needs. The NYISO may also enter into a Reliability Must Run ("RMR") agreement with the Pilgrim facility until a permanent transmission solution from LIPA is in-place.

Economic Planning Process (CARIS):

- No specific 2016 CARIS 2 project proposals have been submitted as of August 31th.
- The 2017 CARIS Phase 1 Study report was approved by the NYISO's Board of Directors in April.
- The NYISO will present 2018 CARIS 2 preliminary assumptions and base case results to ESPWG in August and to the BIC for review in September.

Public Policy Transmission Planning Process:

- The NYISO has executed a Development Agreement with NextEra Energy Transmission New York, Inc. for its Empire State Line Proposal 1 for the Western NY Public Policy Transmission Need. NextEra filed its Article VII siting application with the NYPSC in August 2018.
- Regarding the AC Transmission Public Policy Transmission Need, the NYISO staff has recommended that the Board of Directors (Board) select the Segment A Double-Circuit project (T027) proposed by North America Transmission/NYPA, and the Segment B Base project (T029) also proposed by North America Transmission/NYPA, as the more efficient or cost-effective transmission solutions. On June 20, 2018, by an affirmative advisory vote of 76.33% with abstentions, the Business Issues Committee recommended that the Management Committee recommend Board approval of the AC Transmission Public Policy Transmission Planning Report ("AC Transmission Report"). On June 26, 2018, by an affirmative advisory vote of 80.0% with abstentions, the Management Committee recommended that the Board approve the AC Transmission Report. The NYISO Board reviewed the AC Transmission Report and considered written comments and oral arguments from competing developers at its July meeting. The Board continues to deliberate on the record before it.
- The NYISO initiated the 2018-2019 Public Policy Transmission Planning Process (PPTPP) cycle on August 1, 2018 by issuing a solicitation for proposed transmission needs driven by Public Policy Requirements, which will be due in 60 days (September 30, 2018).

Interregional Planning:

JIPC/IPSAC:

- The Joint ISO/RTO Planning Committee (JIPC) is continuing to exchange data and information, review transmission needs in neighboring regions, review interconnection projects with interregional impacts, and maintain an interregional production cost database.
- The 2017 Northeast Coordinated System Plan report was finalized and posted at http://www.nyiso.com/public/webdocs/markets_operations/services/planning/ipsac/2017-NCSP-final-043018.pdf.

EIPC:

- Production Cost Task Force continues to develop an Eastern Interconnection production cost database.
- Frequency Response Task Force completed its analysis, and is drafting a report for review.
- Steady State Modeling and Load Flow Working Group was activated to develop a schedule to perform a gap transfer analysis.

- The Executive Committee approved the “State of the Grid” report.