

NYISO System and Resource Planning Status Report

July 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 2018, June 1, and June 22nd 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 for the 10-year study period. There was one Transmission Security Reliability Need identified in year 10 on a 138kV line in eastern Long Island that was overloaded. 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 will be no Transmission Security Reliability Need for the 10-year study period.
- FERC has accepted the NYISO's third tariff compliance filing for its Generator Deactivation Process. The NYISO has updated Technical Bulletin 185 regarding the Generator Deactivation Process, and has completed corresponding updates to the Reliability Planning Process Manual.
- 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 that also solicited 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 July 25th.
- 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.
- PPL Electric Utilities has requested that the NYISO perform additional economic analyses of a new transmission facility connecting Lackawanna, PA and Ramapo, NY, supplementing an Additional CARIS Study completed in 2017. This study is now complete.

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, which the NYISO Board of Directors selected as the more efficient and cost-effective solution to satisfy the Western NY Public Policy Transmission Need.
- 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 record before it.
- Following issuance of the results of the 2018 Reliability Needs Assessment, the NYISO will initiate the 2018-2019 Public Policy Transmission Planning Process (PPTPP) cycle on August 1, 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 is working with ABB to continue the development of an Eastern Interconnection production cost database.
- Frequency Response Task Force is defining the most severe single resource contingencies, and will perform the test in the next step.
- Steady State Modeling and Load Flow Working Group was activated to develop a schedule to perform a gap transfer analysis.
- Draft “State of the Grid” report was distributed to Executive Committee for its review.