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Subject: TCC Market - Modeling of the Pilgrim PAR

This interim Technical Bulletin is being issued to provide notice to the market participants of a change to the modeling of the Pilgrim 138 kV PAR in TCC OPF analyses during the period in which the revisions to Section 3.5.1 of the TCC Manual to reflect the modeling change are completing the review through the shared governance process.

Details:

The Pilgrim 138 kV phase angle regulator (PAR) is one of the PARs used to control loadings on Long Island Power Authority's (LIPA's) transmission system.

Currently, as described in Section 3.5.1 of the TCC Manual, the Pilgrim 138 kV PAR is modeled in the Optimal Power Flow (OPF) analysis with a fixed schedule consistent with recent historical DAM schedules from the previous like Capability Period.

Beginning with the September 2015 Reconfiguration Auction and the Autumn 2015 Centralized TCC Auction and all subsequent TCC auctions, the Pilgrim 138 kV PAR will be allowed to be optimized in the OPF analysis in order to maximize the value of TCC bids awarded in the relevant TCC auction and provide adequate protection to LIPA's 138 kV and 69 kV transmission facilities during both normal and contingency conditions.

The modeling of phase angle regulators is described in the Section 3.5.1 of the TCC Manual, available from:
http://www.nyiso.com/public/markets_operations/documents/manuals_guides/index.jsp.

The NYISO anticipates that this Technical Bulletin will be incorporated into the Transmission Congestion Contracts Manual during its next available recertification period.