

# *Transmission Congestion Contracts Manual Attachments*

[Attachment T](#) TCC Market PJM-NYISO Interconnection Scheduling Protocol

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## Attachment T. TCC Market PJM-NYISO Interconnection Scheduling Protocol

### Background

Flows over the PJM-NYISO ABC, JK, and 5018 interconnections are scheduled consistent with Schedule C (Operating Protocol for the Implementation Of Con Ed – PJM Transmission Service Agreements) and Schedule D (Market-to-Market Coordination Process) of the NYISO/PJM Joint Operating Agreement (the “JOA”). The JOA is Section 35 of (Attachment CC to) the NYISO OATT.

The ABC, JK, and 5018 interconnections of the PJM-NYISO Interface are defined as follows:

- JK interconnection: S. Mahwah-Waldwick 345 kV ties J3410 and K3411
- ABC interconnection: Linden-Goethals 230 kV tie A2253, Farragut-Hudson 345 kV ties B3402 and C3403
- 5018 interconnection: ~~BranchburgHopatcong~~<sup>1</sup>-Ramapo 500 kV tie 5018.

### TCC Market Implementation

The desired flows for the ABC, JK, and 5018 interconnections will be established in the TCC Auction Optimal Power Flow analysis based on the following<sup>2</sup>:

- Consolidated Edison Company of New York’s Day-Ahead Market hourly election under Schedule C of the JOA is assumed to equal 1000 MW; therefore, a 1000 MW<sup>3</sup> wheel through PJM is scheduled on the ABC and JK interconnections with the flow in the direction of NY to PJM on the JK interconnection and in the direction of PJM to NY on the ABC interconnection
- 0% of the net TCC auction injection at PTID 24065 (PJM Proxy Bus) is scheduled from PJM to NY on the ABC interconnection
- 0% of the net TCC auction injection at PTID 24065 (PJM Proxy Bus) is scheduled from PJM to NY on the JK interconnection
- 61% of the net TCC auction injection at PTID 24065 (PJM Proxy Bus) is scheduled from PJM to NY on the ~~Branchburg-Ramapo~~5018 interconnection
  - If one Ramapo Phase Angle Regulator (“PAR”) is represented as out-of-service in the TCC Auction, 46% of the net TCC auction injection at PTID 24065 (PJM Proxy Bus) is scheduled from PJM to NY on the ~~Branchburg-Ramapo~~5018 interconnection.

<sup>1</sup> ~~Hopatcong~~ replaced ~~Branchburg~~ commencing in the Autumn 2014 Centralized TCC Auction.

<sup>2</sup> Commencing in Round 3 of the Spring 2013 Centralized TCC Auction and its associated Summer 2013 Reconfiguration Auctions.

<sup>3</sup> Should any of this equipment be represented as out-of-service, the election may be reduced to less than 1000 MW to reflect the expected inability of the transmission facilities to transfer the full 1000 MW.