

# HQTE-NYISO Interconnection Import Limitations

Scheduling & Pricing WG  
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Energy Market Operations

*Draft – for discussion purposes only*

# HQTE-NYISO Interconnection Scheduling Issue

- Interconnection Limits
  - ***1500 MWs to NYISO, 1000 MWs to HQTE***
  - ***1200 MWs Maximum Delivery to NYISO***
    - ▶ **Limited due to NYCA Reserve Requirement**
- In order to allow NY imports above 1200MW, only counterflow export transactions can be allowed to net with import transactions
  - Counterflow wheel through transactions cannot be allowed to net with import transactions
- Current NYISO software capabilities cannot simultaneously address both the interconnection limitations and the NYCA reserve criteria

# Analysis Completed to Date

- **Scheduling criteria can be satisfied by adding a second scheduling point (proxy bus)**
  - **One proxy bus will be used for accepting bids and offers for NYISO import/export transactions**
    - ▶ “net” of import and exports subject to 1200MW limit
  - **The second proxy bus will be used for accepting bids and offers for wheel through transactions**
  - ***HQ Proxy Bus #1 and Bus #2 schedules collectively***
    - ▶ subject to 1500MW Interconnection limit
    - ▶ subject to NYCA and HQTE ramp limits

# High Level S/W Requirements

- **Additional MIS bid validation rules to be applied**
  - **Must validate bids on each proxy to ensure NYISO reserve and wheel through criteria are satisfied**
  
- **Scheduling applications must be updated to simultaneously apply a ramp restriction and transfer criteria to multiple proxies**
  
- **Project scheduling budgetary**
  - *preliminary estimate \$250k*

# Next Steps

- **Project has been added to the NYISO Work Management project list**
  - *This only identifies and tracks the issue for further consideration and prioritization*
- **NYISO Product Management will bring the issue to NYISO management identifying market impacts, costs and risks**
  - *NYISO Senior Management will evaluate this project, scheduling and cost conflicts with all other identified initiatives and determine what further action will be taken*
- **MP's can recommend that this initiative be brought to PPT for discussion and further consideration**