

M2M with PJM Incorporating Ramapo

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Agenda

- Market-to-Market Coordination Overview
- Ramapo Operation
- Incorporating Ramapo into M2M
- Next Steps



M2M Coordination Overview

- Requires manual coordination of NYISO and PJM Operations
- Assisted by automated exchange of pertinent data to manage M2M re-dispatch



Ramapo Operation

- When re-dispatching NY resources to solve a PJM constraint, tap moves at Ramapo can negate the positive effects of the re-dispatch
 - To deal with this potential issue, NYISO and PJM are incorporating Ramapo PAR Operation into the M2M Coordination process



Incorporating Ramapo

Establishing M2M Flowgates

- M2M Flowgates that have been identified will be revisited
- All M2M Flowgates will be eligible for Ramapo Operation
- Only M2M Flowgates with a significant Generation impact will be eligible for M2M re-dispatch

Market Flow Calculation Adjustment

 Market Flow Calculation will separate out the impacts of generation dispatch and PAR schedule impacts on each M2M Flowgate



Incorporating Ramapo

- Overuse of each system can be determined across each Ramapo PAR
 - Overuse will be determined as Ramapo PAR Actual Ramapo PAR Target
 - Ramapo PAR Target is based on the Ramapo Operating Agreement agreement – 61% of Interchange Schedules across AC ties between PJM and NYISO
- Cost of Overuse will be determined using the M2M Flowgate Shadow Price and Amount of Overuse (MW) that impacts the M2M Flowgate

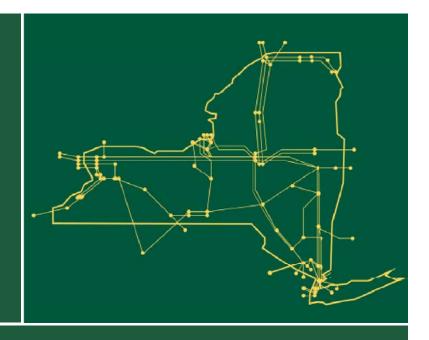


Next Steps

- Complete Entitlements Design
- Provide Updated List of M2M Flowgates
- Integrate Ramapo Operation and Entitlements into the NYISO-PJM JOA
- Review Entitlements and JOA October MIWG and BIC
- File JOA with FERC by EOY



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