

M2M with PJM

Update

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Agenda

- ◆ Review the Open JOA Items
- ◆ Review Candidate M2M Redispatch Flowgates
- ◆ Discuss Potential M2M Entitlement Levels
- ◆ Discuss Draft JOA Language
- ◆ Review Next Steps

Open JOA Items

- ◆ Method of Calculating M2M Entitlements
- ◆ Modeling of External Capacity Resources for purposes of developing M2M Entitlements
- ◆ Criteria for modeling Michigan – Ontario PARs as holding flow when developing M2M Entitlements
- ◆ Determine whether and when it is appropriate to limit M2M obligations and settlements based on the Branchburg – Ramapo 5018 thermal ratings
- ◆ Determine how to reflect PJM's service to its Rockland Electric Company load in the M2M Market Flow and M2M Entitlements processes

Please refer to the March 26th MIWG Presentation for solutions to the above items

- ◆ Level of PJM and NYISO entitlements on the other RTO's system

Please refer to the slides in this presentation for the potential level of M2M Entitlements

NY M2M Redispatch Flowgates

Candidate Flowgates include:

- ◆ Dysinger East Interface
- ◆ West Central Interface
- ◆ Central East Interface
- ◆ Leeds - Pleasant Valley Line for the loss of:
 - Athens – Pleasant Valley Line
 - Leeds – Hurley Avenue Line
 - Athens – Pleasant Valley & Leeds – Hurley Avenue Lines

PJM M2M Redispatch Flowgates

Candidate Flowgates include:

- ◆ PJM East Interface
- ◆ Erie West TX1 for the loss of Erie West-Erie South Line
- ◆ Erie West TX3 for the loss of Erie West-Erie South Line
- ◆ Keystone-Juniata & Conemaugh-Juniata Parallel Lines for the loss of:
 - BlackOak-Bedington Line
 - Conemaugh-Keystone Line
 - Pruntytown-Mt. Storm Line

NY M2M Redispatch Flowgates

Potential PJM M2M Entitlement Levels:

- ◆ Dysinger East Interface (*50 to 225 MWs*)
- ◆ West Central Interface (*50 to 200 MWs*)
- ◆ Central East Interface (*0 to 35 MWs*)
- ◆ Leeds - Pleasant Valley Line for the loss of:
 - Athens – Pleasant Valley Line (*0 to 5 MWs*)
 - Leeds – Hurley Avenue Line (*0 to 5 MWs*)
 - Athens – Pleasant Valley & Leeds – Hurley Avenue Lines (*0 to 10 MWs*)
- ◆ Values above are based on the analysis completed to date

PJM M2M Redispatch Flowgates

Potential NYISO M2M Entitlement Levels :

- ◆ PJM East Interface (*0 to 50 MWs*)
- ◆ Erie West TX1 for the loss of Erie West-Erie South Line (*0 – 25 MWs*)
- ◆ Erie West TX3 for the loss of Erie West-Erie South Line (*0 – 25 MWs*)
- ◆ Keystone-Juniata & Conemaugh-Juniata Parallel Lines for the loss of:
 - BlackOak-Bedington Line (*0 – 75 MWs*)
 - Conemaugh-Keystone Line (*0 – 75 MWs*)
 - Pruntytown-Mt. Storm Line (*0 – 75 MWs*)
- ◆ Values above are based on the analysis completed to date

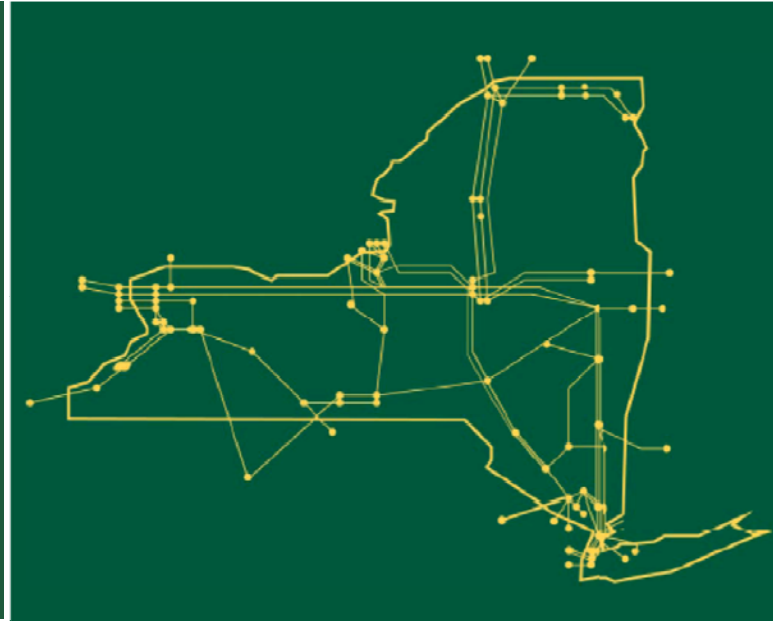
JOA Changes

- ◆ New PAR Shift Factor definition replacing PAR OTDF definition
- ◆ Schedule D, Section 6 – M2M Entitlement Calculation Updates
- ◆ Schedule D, Section 7 – M2M RT Coordination and Ramapo Coordination Updates
- ◆ Schedule D, Section 8 – M2M Redispatch Settlement Calculation Update
- ◆ Other Ministerial Changes throughout Schedule D

Next Steps

- ◆ File JOA revisions addressing the open items by May 1, 2012

The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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