



2021 Summer Merit Order Resettlement

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September 18, 2023

In accordance with PJM Tariff, section 10.4, and Operating Agreement, section 15.6, billing adjustments are required related to the unrevised Summer 2021 Summer Merit Order file, directing the units that service control area load between MISO and PJM under the PJM/MISO Joint Operating Agreement. The resulting impacts to balancing congestion for the period of August 31, 2021 through November 18, 2021.

- Historic Firm Flows (Impacts)
 - All Control Areas maintained their configuration set April 1st, 2004
 - Serve native load with their Designated Network Resources
 - Import and export energy at historical levels
 - Allocation Process
 - Firm Flow Entitlement (FFE)
- Merit Order File
 - List of units that serve a Control Areas load

June 2021

Aug. 2021

Oct. 2021

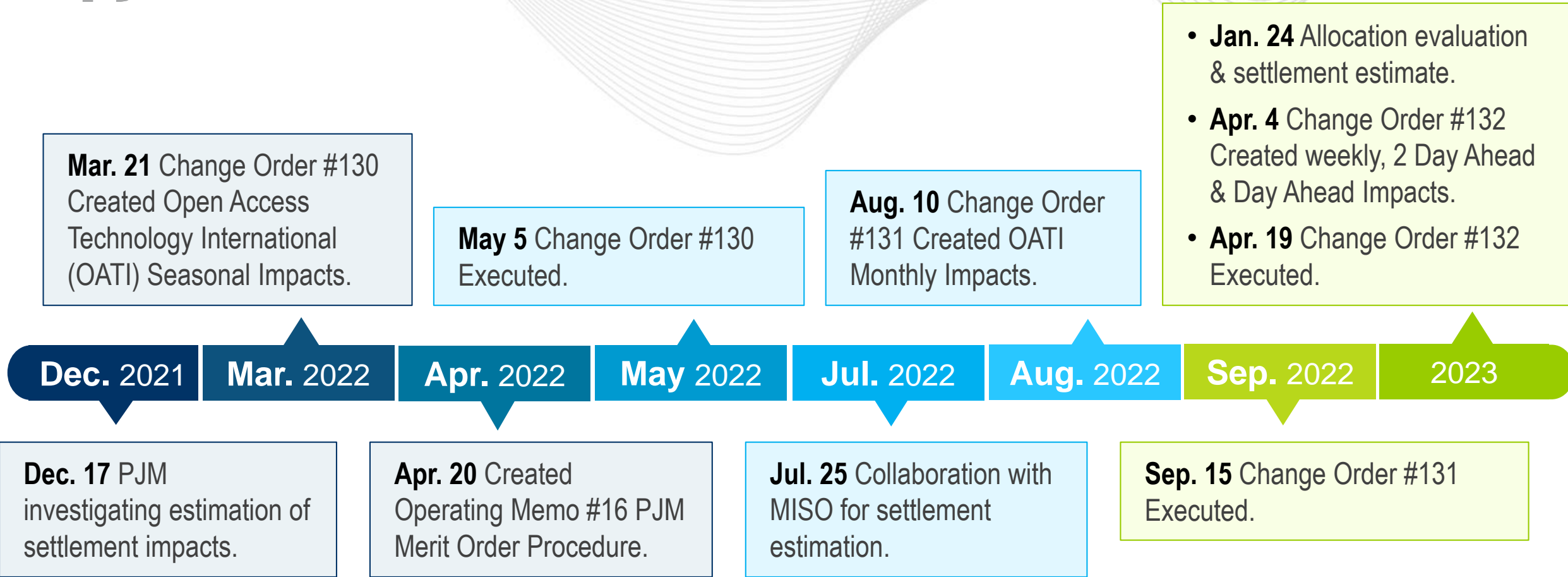
Nov. 2021

June 16 Began work on the Native Network Load (NNL) Merit Order file.

Aug. 31 Summer 2021 Merit Order file was effective.

- **Oct. 27** MISO emailed to inquire about PJM resources.
- **Oct. 28** PJM began updating the NNL Merit Order File.

- **Nov. 10** Revised NNL Merit Order was submitted to OATI.
- **Nov. 18** Revised NNL Merit Order file was put in effect.



- Total Resettlement: \$10,072,302.37
 - Total Number of flowgates: 24
 - Range from 08/31/2021 to 11/18/2021
 - Original Settlement:
 - \$(1,131,798.20) – MISO to PJM
 - New Settlement (\$10k Threshold):
 - \$9,478,713.78 – PJM to MISO



10 Most Impacted Flowgates

Flowgate ID	Flowgate Name	Resettlement	Original Settlement	New Settlement
25944	Northwest Tap - Purdue 138 kV I/o Westwood - W Lafayette 138 kV	\$ 6,658,320.66	\$ (3,371,072.61)	\$ 3,299,082.36
23576	Sandburg XF3 I/o Oak Grove - Sandburg 345 kV	\$ 1,921,014.32	\$ 1,386,884.48	\$ 3,623,171.79
25103	Cayuga – HillsdaleN 230 kV I/o Dresser-SugarCreek 345 kV	\$ 603,142.85	\$ (829,188.71)	\$ (236,397.85)
24817	Mohomet - Mahomet_TP 138kV I/o Clinton - Oreana - GooseCrk 345 kV	\$ 412,108.46	\$ 831,570.77	\$ 1,254,548.83
26642	Prest - Tibb 138 kV I/o Prairie State - Mt Vernon 345 kV	\$ 348,937.92	\$ (555,990.21)	\$ (188,723.40)
27086	Lafayette 1S 138/230 kV I/o Lafayette 4 138/230 kV	\$ 199,658.99	\$ 497,352.10	\$ 680,228.33
3424	Mt Vernon - W Salem 138 kV I/o Newton-Xenia 345 kV	\$ (169,445.70)	\$ (731,693.40)	\$ (1,253,123.16)
27067	Westwood 345-138 -BK1 I/o Sorenson-Marysvil-765	\$ 158,405.50	\$ 205,963.09	\$ 364,368.59
26203	QuadCities - RockCreek 345 kV I/o QuadCities-Sub91 345/161 kV Sub91 XF	\$ 150,207.63	\$ (73,190.69)	\$ 77,016.94
27079	Laclede Steel North tap-Gillespie 138 I/o Maywood - Herleman 345 kV	\$ (79,794.72)	\$ (25,144.92)	\$ (119,019.22)
Total:		\$ 10,202,555.91	\$ (2,664,510.10)	\$ 7,501,153.21