



# Summer 2021 Merit Order

## Joint and Common Market

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# Agenda

- Freeze Date
- Event Summary
- Impact Evaluation
- Settlement Impact

# Freeze Date

- Historic Firm Flows (Impacts)
  - All Control Areas maintained their configuration set April 1<sup>st</sup>, 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

# Event Summary

June 2021

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

Aug. 2021

**Aug. 31** Summer 2021 Merit Order file was effective.

Oct. 2021

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

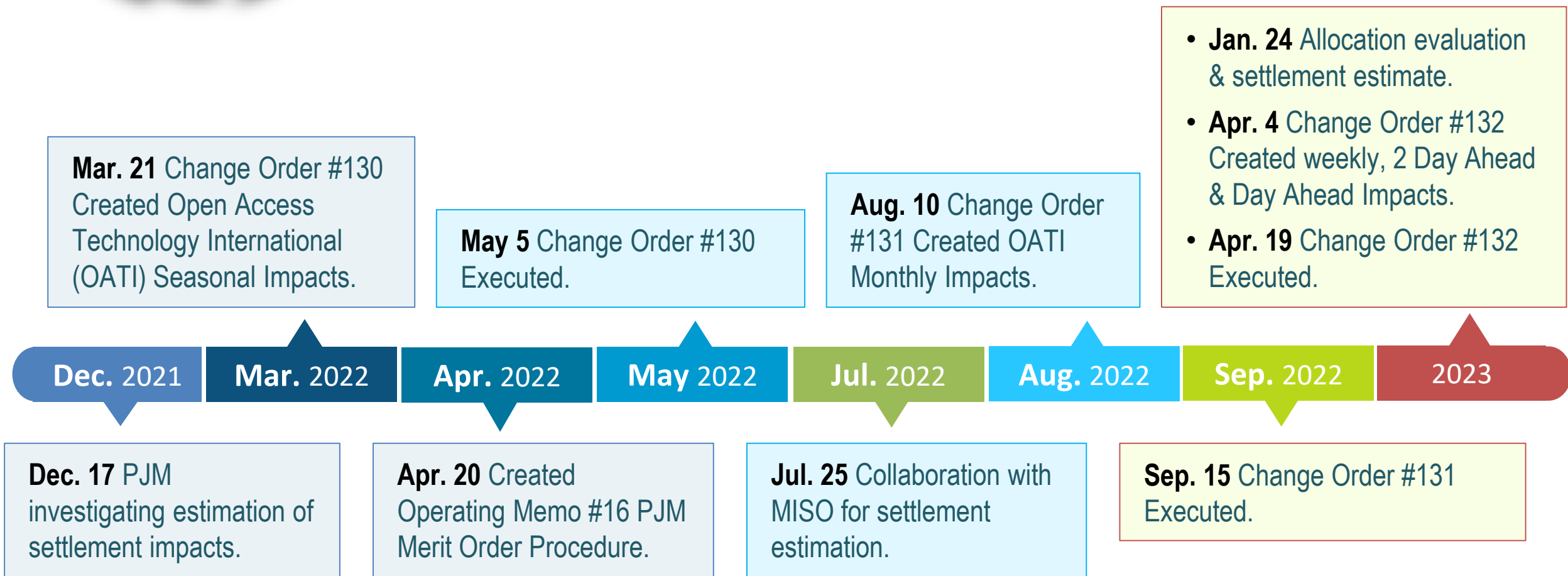
Nov. 2021

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

# Event Summary

- August 28<sup>th</sup> 2021:
  - Summer 2021 merit order went into effect
- October 27<sup>th</sup> 2021:
  - MISO emailed PJM to inquire about units in the production merit order file
- October 28<sup>th</sup> 2021:
  - PJM began investigating, discovered some resources were improperly prioritized

# Impact Evaluation



# Settlement Impact

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-Gilespie 138 I/o Maywood - Herleman 345 kV	\$ (79,794.72)	\$ (25,144.92)	\$ (119,019.22)
<b>Total:</b>		\$ 10,202,555.91	\$ (2,664,510.10)	\$ 7,501,153.21





# Contacts

Comments and questions can be sent to:

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