

The Organization of MISO States Resources Work Group (OMS-RWG) provides feedback to MISO's Resource Adequacy Subcommittee (RASC) on the 2018 RASC Improvement Candidates. MISO presented at the January 10, 2018 RASC meeting the following three proposals for stakeholder consideration:

- **Participation of Units on Extended Outage:** Neither Tariff nor BPM penalizes resources from participating in the PRA when resource is expected to be on planned or forced outage for significant portions of the Planning Year.
- **Partial Unit Clearing:** MISO algorithm clears marginal offer segment on a pro rata basis that can result in resources clearing small percentage of their UCAP, resulting in capacity revenue less than their costs.
- **IESO as a qualified BA for External Resources:** IESO stakeholders interested in developing ability to export capacity to MISO via its interface with Michigan. Seek to be qualified in time for the 2019-2020 Planning Year.

The OMS-RWG supports two out of the three new topics, the participation of units on extended outage and the Independent Electricity System Operator (IESO) becoming a qualified Balancing Authority (BA) for External Resources. The third topic of partial unit clearing should be moved to a lower priority since only 5% of the capacity needs in MISO in the 2017-2018 planning year was obtained through the planning resource auction (PRA).<sup>1</sup>

The OMS-RWG supports MISO and the RASC stakeholders reviewing the participation of units on extended outage especially given the number of max gen events we've seen in the past year, and more so if units are clearing the PRA only to be on long outages, there could be additional problems in the winter and shoulder months. However, the OMS-RWG would like more discussion on issues such as the derivation of any penalty, how it will be enforced, and who would be affected. This item could also become part of the Resource Availability and Need (RAN) discussions ongoing throughout MISO.<sup>2</sup>

The OMS-RWG is not opposed to the IESO becoming a balancing authority within MISO and allowing their stakeholders to become market participants (MPs) within MISO and offer in their capacity in the 2019/20 PRA. Further impacts of this potential imported Ontario capacity could affect the Loss of Load Expectation (LOLE) studies as it determines the limiting element(s) for each zone and the resulting impacts on Capacity Import Limit and Capacity Export Limit calculations, and could reduce capacity shortages in MISO's Local Resource Zone 7 and throughout the MISO footprint as highlighted in the recent 2017 OMS-MISO Study.

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<sup>1</sup> 2017-18 PRA results presentation, page 9

<https://old.misoenergy.org/Library/Repository/Report/Resource%20Adequacy/Planning%20Year%202017-18/2017-2018%20Planning%20Resource%20Adequacy%20Results.pdf>

<sup>2</sup> RAN Issue Summary <https://www.misoenergy.org/api/documents/getbymediaId/96780>