

RAN Workshop Feedback (20200821)
OMS Resources Work Group

The OMS Resources Work Group (RWG) appreciates the opportunity to submit feedback on the following topics from the August 21, 2020 RAN Workshop. This feedback does not constitute a position of the OMS Board of Directors.

Revised Criteria for Evaluation (Slide 11)

The OMS RWG believes that the current historical analysis has not demonstrated an LOLE risk for all hours. We recommend changing the second bullet point under “Impact” to:

Ensure sufficient capacity in the planning horizons to meet reliability needs for all hours that are at high risk of loss of load.

The OMS RWG also has concerns with the inclusion of operational issues into the resource adequacy construct evaluation. We recommend changing the third bullet point under “Flexibility” to:

Ability to accommodate the participation of all reliable resources, including resources resulting from new technologies (e.g., battery storage).

MISO Draft Future Scenarios (Slide 19)

The OMS RWG requests more information on the amount of capacity being satisfied by Load Modifying Resources (LMRs) in each of the future scenarios. LMRs have played a continually growing role in meeting the resource adequacy requirements in MISO in recent years, so understanding their role in each of the future scenarios is important.

In addition, the OMS RWG requests that MISO include a Scenario 0 in its analysis. This scenario would look at the shift in LOLE risk outside of the summer season in prior years (e.g., 2018-19). This additional scenario would allow stakeholders to understand and to provide an analysis of any recent LOLE risk shift that has already occurred. We believe this is an important baseline to include with any analysis of potential future scenarios.

Resource Adequacy (RA) Construct Options (Slide 22)

The OMS RWG supports looking at each of the proposed RA constructs to determine which aligns best with the risk profiles forecasted for each of the futures scenarios. We request clarification on the risk metrics MISO has provided in the constructs that reflect sub-annual needs. Does MISO intend for LOLH or EUE to replace the current 1 day in 10 year LOLE standard, or would these new risk metrics serve as an additional requirement in determining the necessary Planning Reserve Margin Requirements? Furthermore, will MISO’s analysis distinguish any shift in risk based on each reliability metric individually (i.e. will there be separate results for each reliability metric) or will the reliability risk be measured using some combination of all the risk metrics?