

# Market Consistency

## Daily Zonal Scaling Factors

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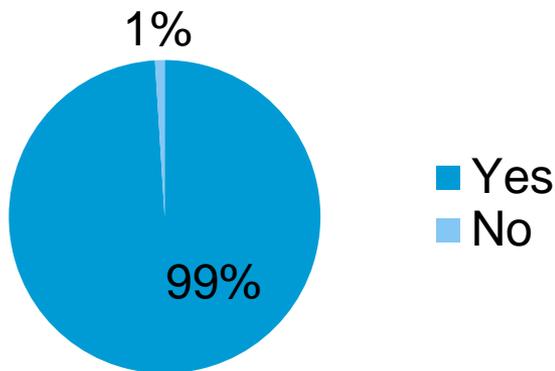
Market Implementation Committee

December 2, 2015

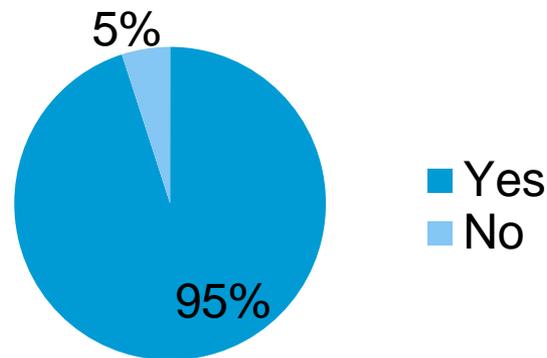
- Peak Load Contributions (PLC)
  - PJM requires that the sum of the daily PLC values submitted by the EDCs for each zone equate to the zonal target.
  - This sum can vary on a day-to-day basis due to retail customer attrition.
  - Daily Peak Load Contributions (PLC) data is currently scaled by eRPM to achieve a balance with the set zonal target.

- Network Service Peak Load (NSPL)
  - A similar requirement exists for NSPL values submitted daily by the EDCs.
  - eRPM does not apply a daily zonal scaling factor.
  - EDCs are responsible for ensuring that daily totals match the zonal target.
- The inconsistency in handling these data values leads to confusion and potential misuse of data.
- Market Settlement Subcommittee tasked with developing a solution to alleviate the inconsistency.

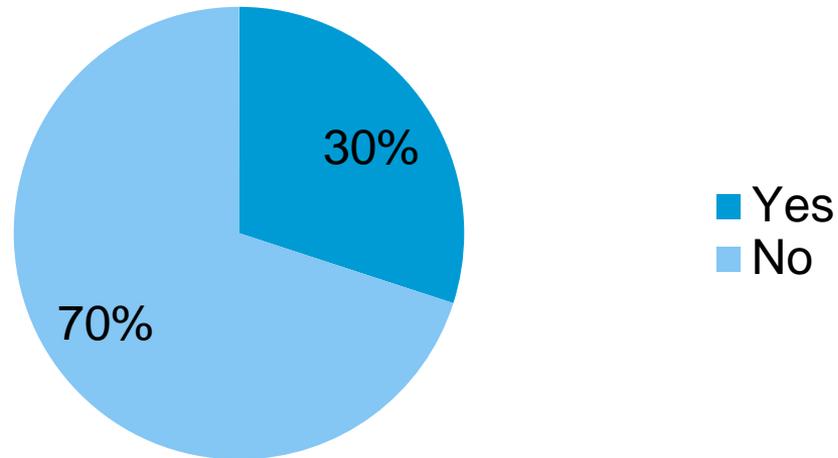
Do you support implementing NSPL data scaling in the same manner that PLC values are scaled in eRPM?



Do you support adding a flag to the Daily Zonal Scaling Factors File to identify whether the EDC submits scaled or unscaled NSPL and/or PLC values?



Do you support requiring EDCs that submit scaled NSPL and/or PLC values to also submit their internal scaling factors?



- 5.2 Network Integration Transmission Service Charges
  - The daily sum of all LSEs' Network Service Peak Load contributions including losses in a zone/area must equal the EDC's Network Service Peak Load allocation in the zone/area.
  - A Network Service Peak Load Scaling Factor will be used to scale the uploaded LSE Network Service Peak Load values to the fixed Network Service Peak Load Allocation of the zone/area in the event that the Network Service Peak Load values uploaded by the EDC do not exactly sum to the Annual Network Service Peak Load Allocation for the zone/area.

$$\text{DailyNtwkSvcPkLoadScalingFactor} = \frac{\text{Annual Zone Area Network Service Peak Load Allocation}}{\sum \text{Zone Area Network Service Peak Load Uploads}}$$