

### 2015 OMS MISO Survey Results

**June 2015** 

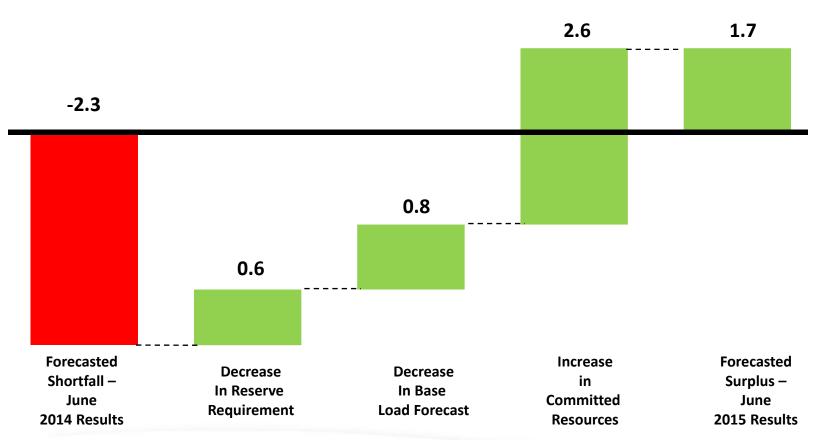
#### **2015 OMS MISO Survey Results**

- Furthering our joint commitment to regional resource assessment and transparency in the MISO region, OMS and MISO are pleased to announce the results of the 2015 OMS MISO Survey
  - The MISO region has sufficient resources to meet its regional resources requirement
  - A regional surplus of 1.7 to 2.3 GW is projected in 2016, with the first potential regional shortfall appearing in 2020
  - Regional surpluses could address any zonal deficits through 2019
  - Additional actions needed to ensure sufficient resources beyond 2019
- Load forecasts results in an overall growth rate of 0.8%, consistent with the prior survey. However, 2015 load forecasts were below previous projections, creating a lower base level on which this growth was applied



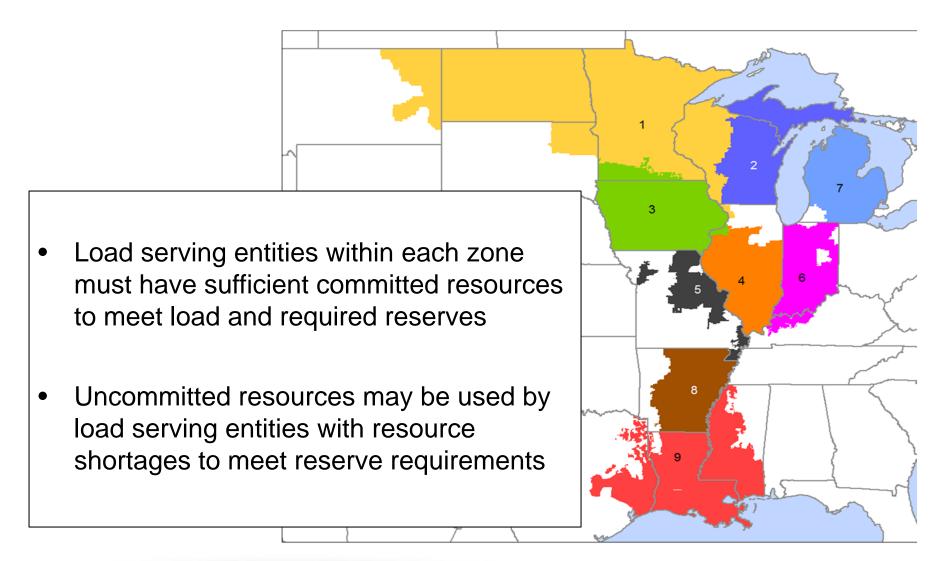
# The 2015 survey results show the actions MISO members took to ensure regional resource adequacy for 2016

2016 Outlook
Comparison of high certainty resources
In GW



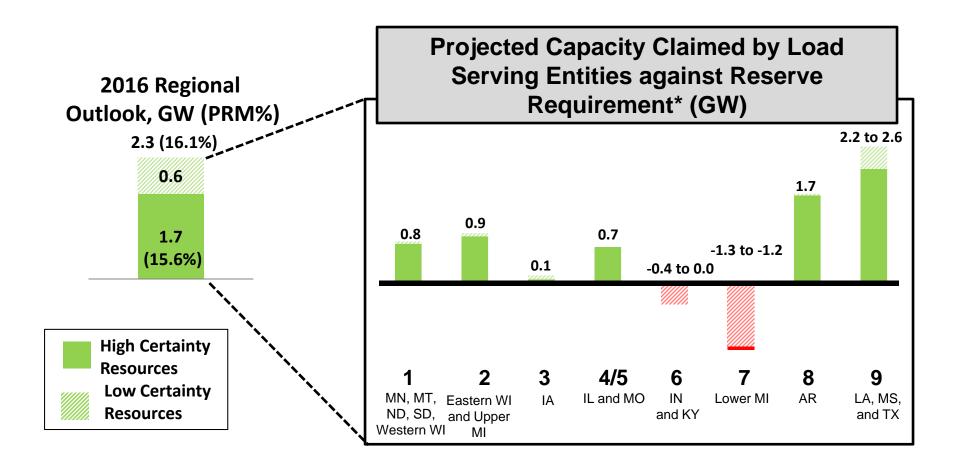


#### **Resource Adequacy Requirements**





## In 2016, regional surpluses could address deficits for the footprint





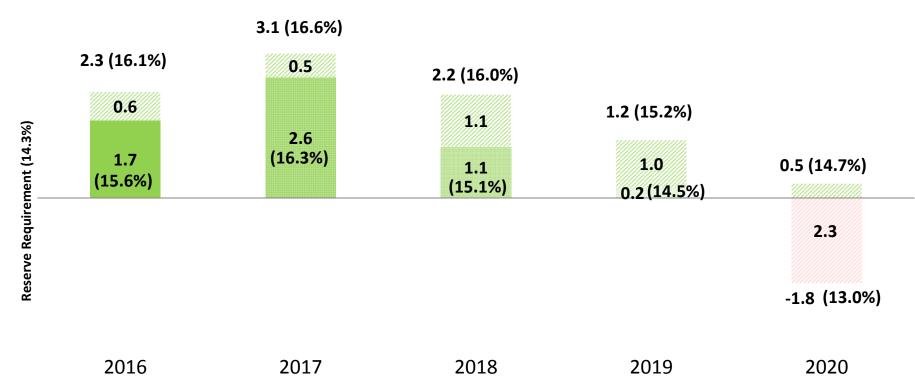
<sup>\*</sup> Zonal values reflect capacity claimed in survey results, regardless of capacity location Regional outlook includes a 1,000 MW limit on transfers between the South and Central/North zones

### Additional actions are required in the near term to ensure sufficient resources in future years

**Projected Capacity Surplus / Shortfall in GW (PRM%)** 



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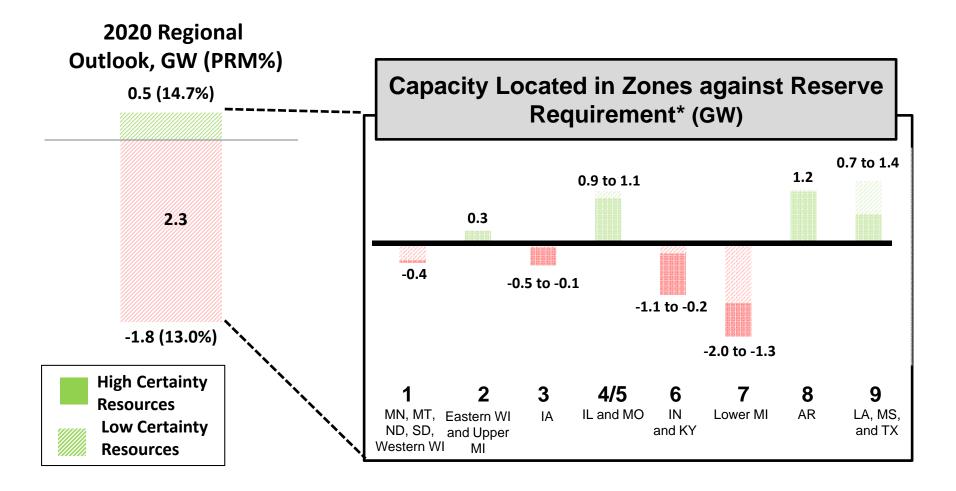


<sup>\*</sup> This slide shows a forecast. These figures will change as future capacity plans are solidified by load serving entities and state commissions.

High and low certainty resources as reported by the load serving entities in survey responses. High certainty resources also include uncommitted merchant generation.



#### **2020 Capacity Projections**



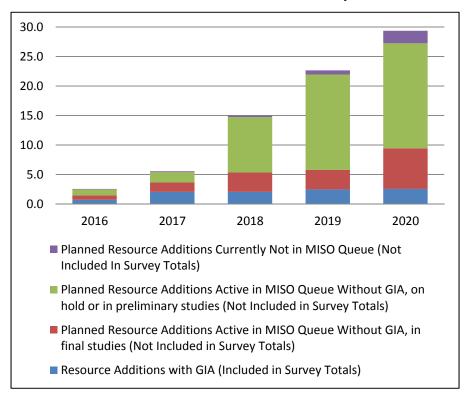


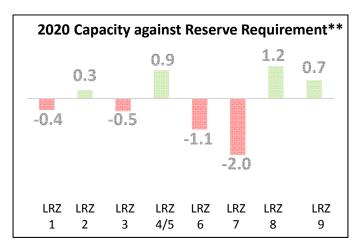
<sup>\*</sup> Zonal values based on capacity location against reserve requirement and do not reflect inter-MISO transfers and future resource commitments

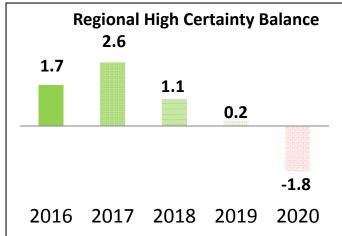
Regional outlook includes a 1,000 MW limit on transfers between the South and Central/North zones

## Continued progress is needed to ensure sufficient resources in future years

#### Planned Generation Additions, in GW\*



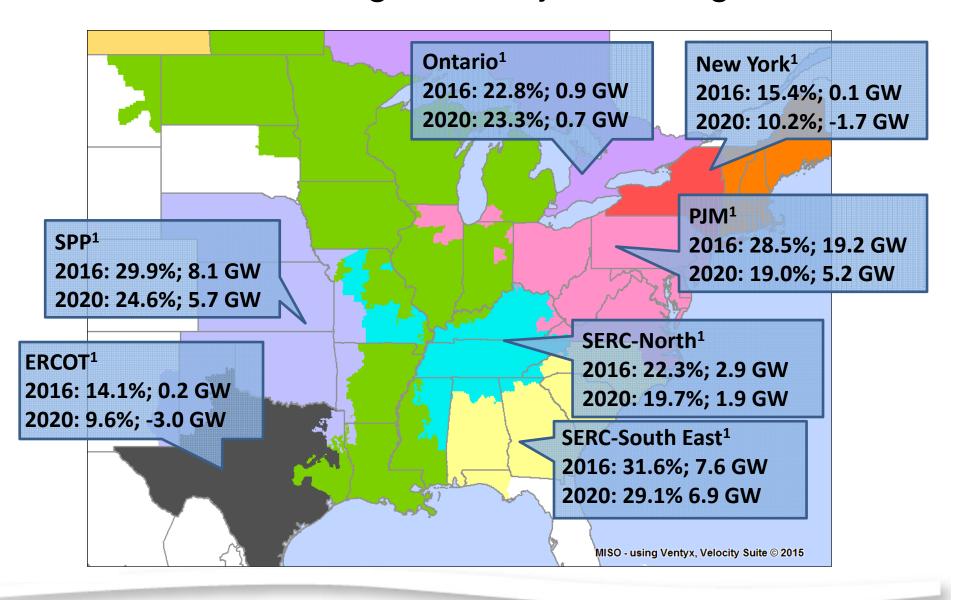




- \* Values based on survey results and do not include all generation in queue
- \*\* Zonal viewpoint based on capacity location against reserve requirement and does not reflect future inter-MISO commitments



### Reserve Margins in Adjacent Regions





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