



Correction to MISO F2/F3 EGEAS Resource Expansion

Planning Advisory Committee

October 13, 2021

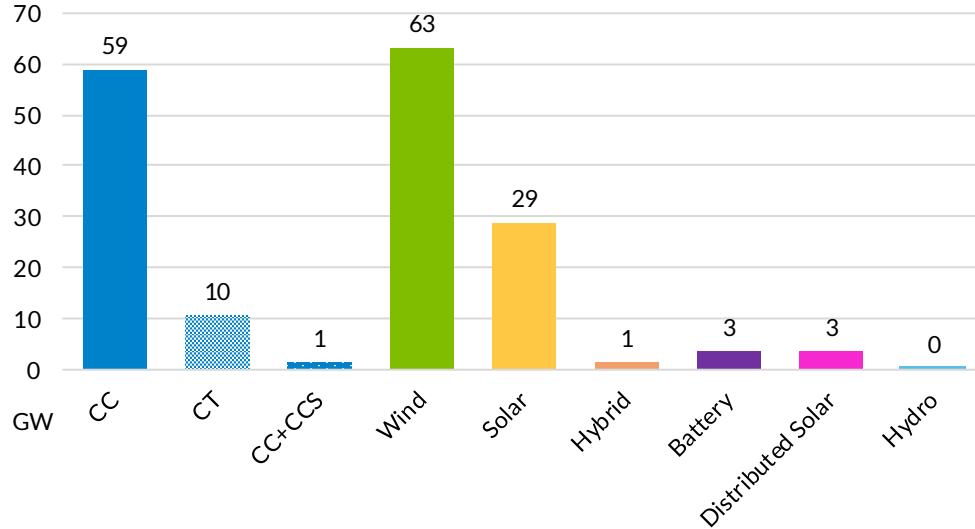
Overview



- As discussed during the September PAC, MISO is rerunning the EGEAS analyses for Futures 2 and 3 to apply the originally developed load profiles for each year in the expansion
- Expansion results for the MISO footprint are completed:
 - Future 2 resource expansion increased ~6%
 - Future 3 resource expansion decreased ~7%
- Completed siting and expansion results for the external areas will be shared at the November PAC

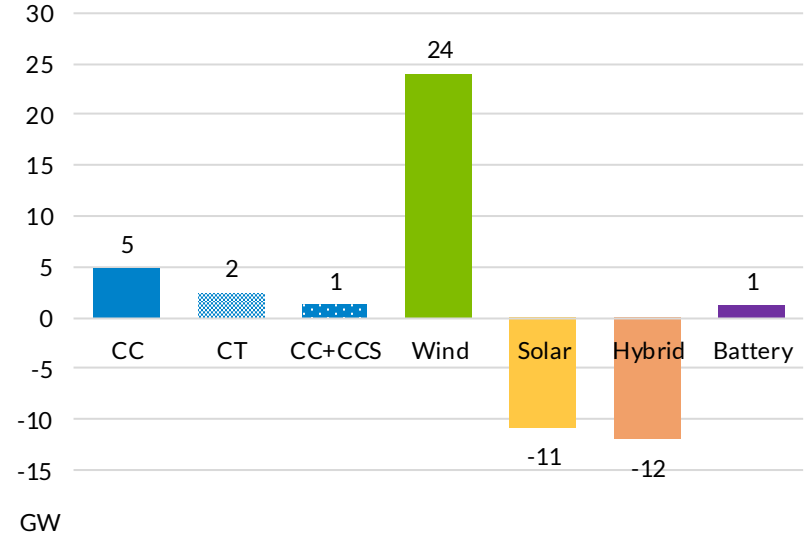
170 GW is added to the MISO footprint in Future 2, which is about a 6% increase from previous resource expansion

Revised Future 2 Resource Additions



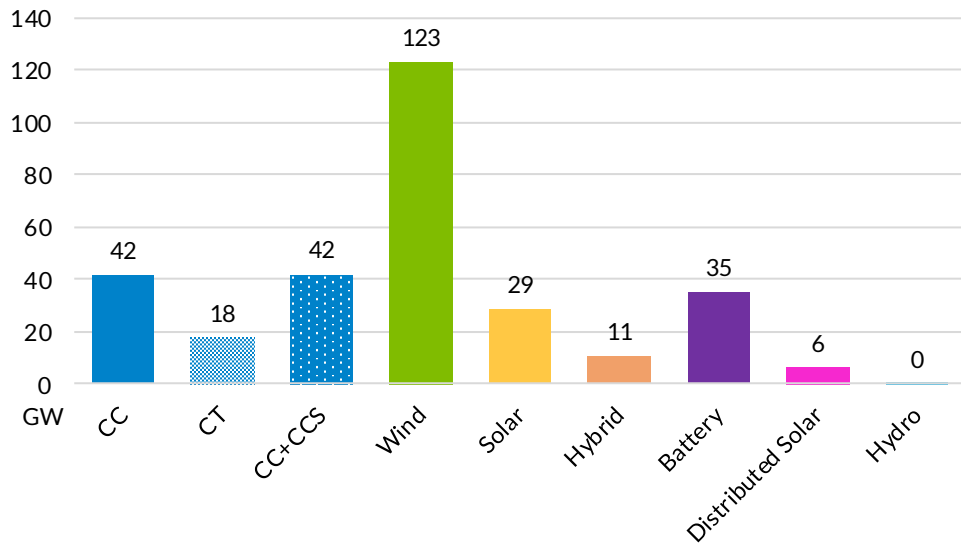
Resource Additions Comparison

(Updated F2 Additions - Original F2 Additions)



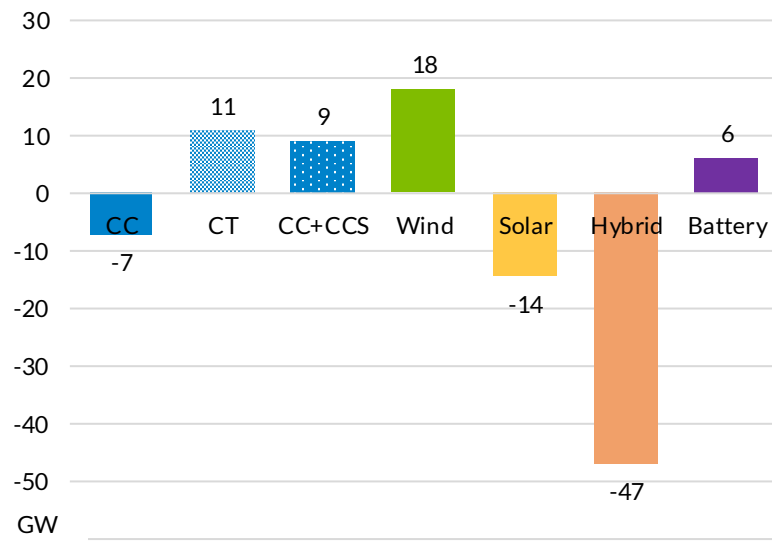
306 GW is added to the MISO footprint in Future 3, which is about an 7% decrease from previous resource expansion

Revised Future 3 Resource Additions



Resource Additions Comparison

(Updated F3 Additions - Original F3 Additions)



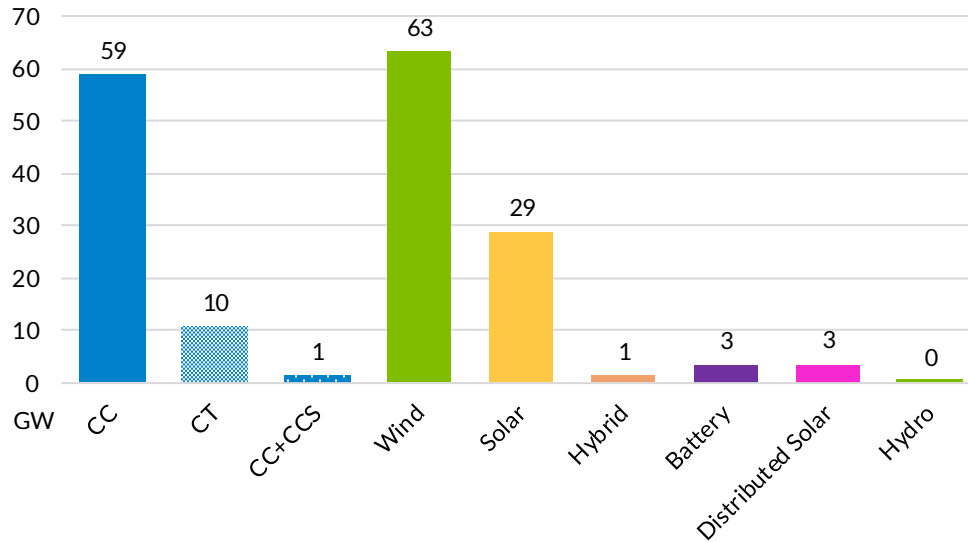
Next Steps – MISO to complete the corrected resource expansion and siting for the November PAC

- Expected deliverables for the November PAC:
 - Corrected resource expansion for external areas
 - Siting for MISO footprint and external areas
- Expected deliverables after the November PAC:
 - Revised MISO Futures Report reflecting corrected resource expansions
 - Updates to other Futures materials publicly posted on MISO website
- Futures 2 and 3 economic models, using updated resource expansion results, are expected to be completed by mid-November 2021

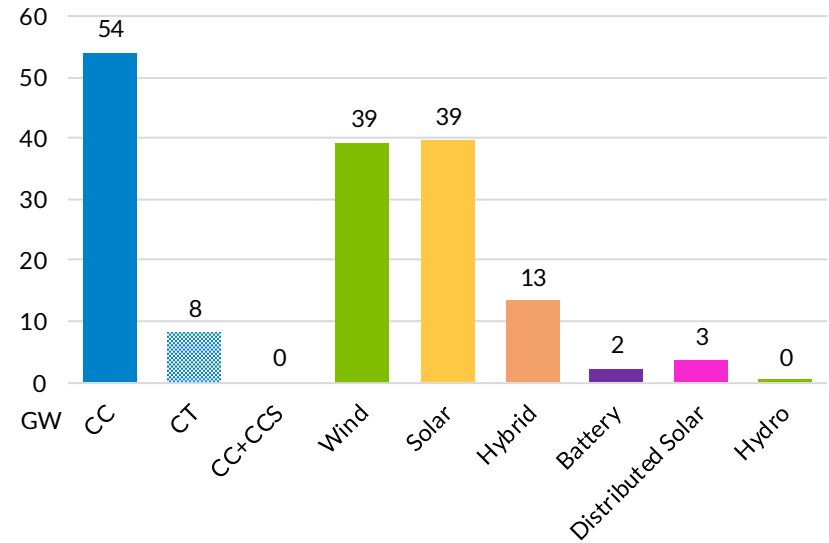
Appendix

170 GW is added to the MISO footprint in Future 2, which is about a 6% increase from previous resource expansion

Revised Future 2 Resource Additions

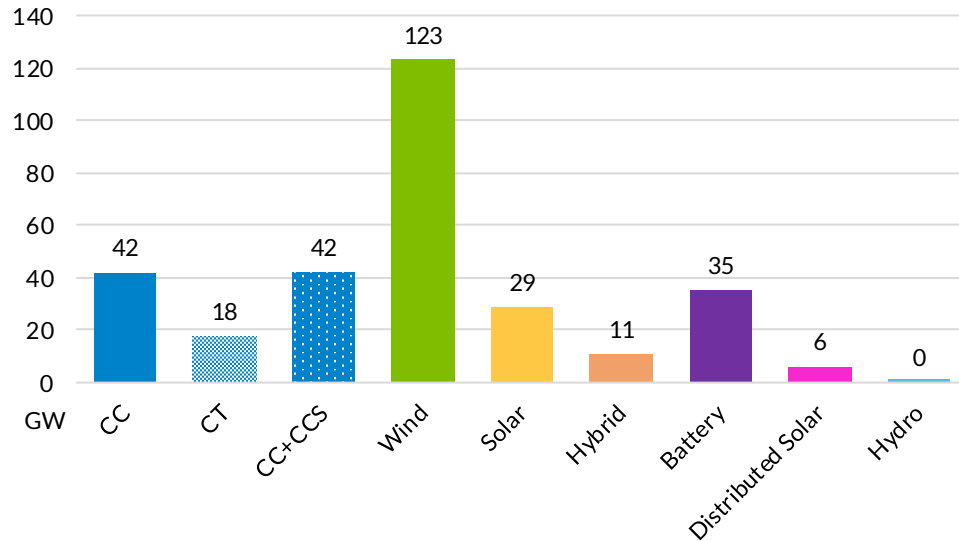


Original Future 2 Resource Additions

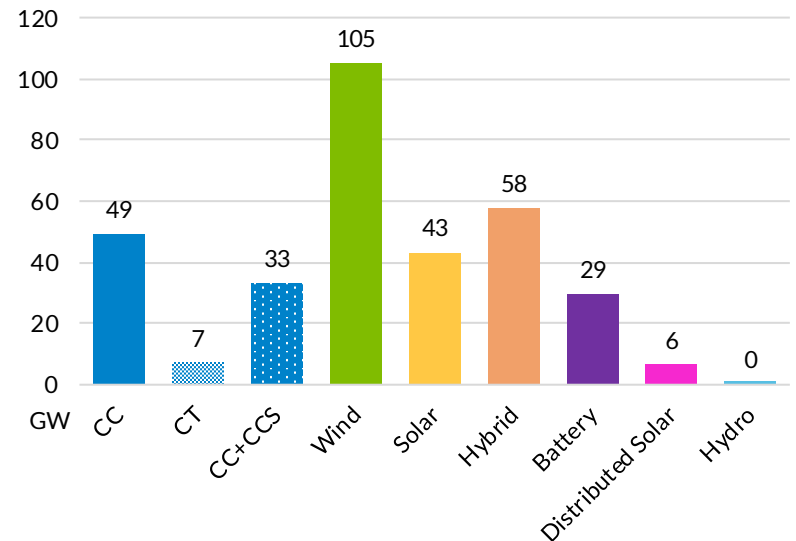


306 GW is added to the MISO footprint in Future 3, which is about a 7% decrease from previous resource expansion

Revised Future 3 Resource Additions

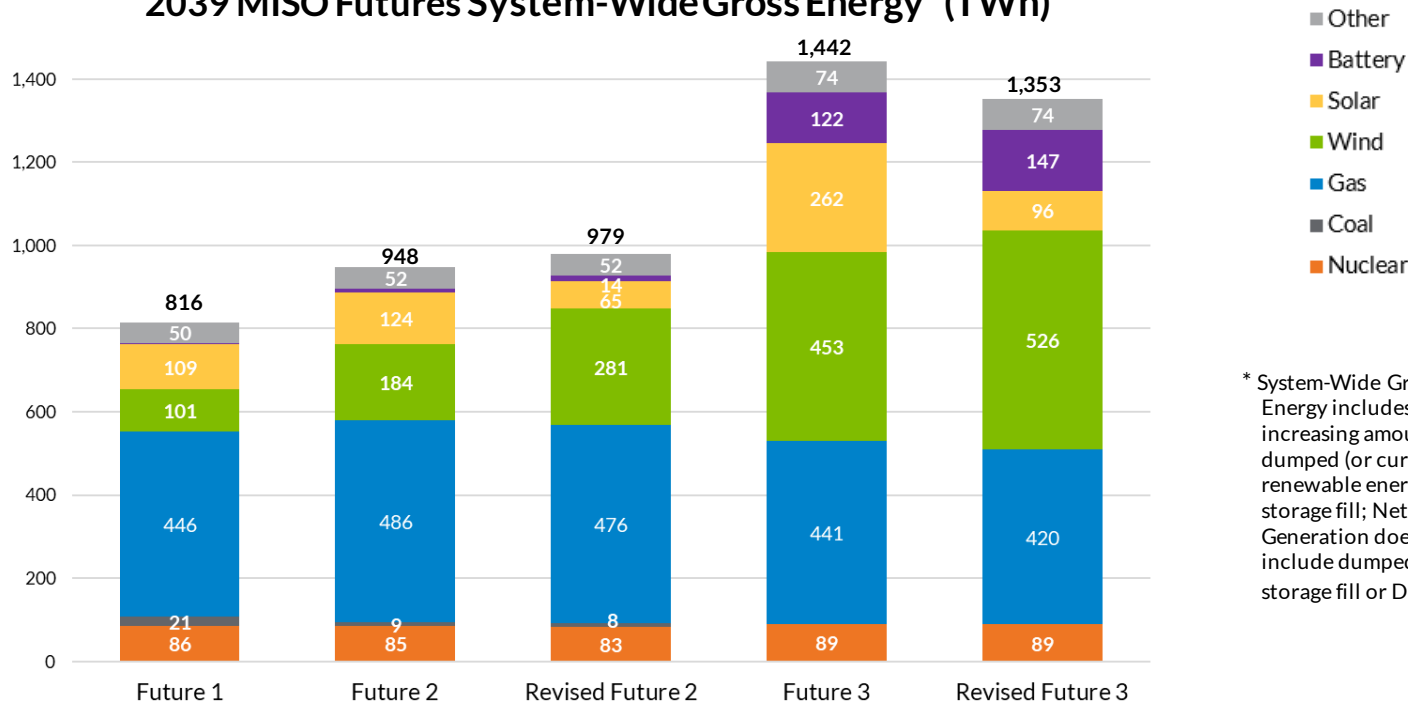


Original Future 3 Resource Additions



Energy generated by the revised resource expansion increased slightly in F2 and decreased in F3

2039 MISO Futures System-Wide Gross Energy* (TWh)



* System-Wide Gross Energy includes increasing amounts of dumped (or curtailed) renewable energy and storage fill; Net Generation does not include dumped energy, storage fill or DERs.