

On behalf of Quanta Technology team it is highly appreciated if you consider and respond to following questions/concerns.

1. In the energy storage special study, does the 50% RPS solar and wind overbuild scenario, only include an overbuild of renewables in the CAISO region?, or does it include other regions within California, not covered by CAISO as well.
2. In the 50% RPS study, do the in-state FCDS and EODS portfolio only account for the CAISO region ? or do they include other regions in CA as well.
3. Is there any particular reason for focusing on the 2000 MW export limit? Would it be possible for CAISO to share results on transmission congestion outside of CA for the in-state and out of state portfolio when there are no export limits imposed.
4. From the results of the storage special study, it shows that the wind overbuild to achieve 50% RPS portfolio is comparable to the current scenario (no overbuild) in the base case. How would this affect the economics of new transmission projects that are part of the out of state portfolio to bring renewable resources into California, when in-house renewables within California can drive the economics.
5. The study results from storage special study indicate that levelized revenue requirements with pumped storage is much higher than depending alone on wind and solar. Is this finding dependent on any study assumption?

Thank you,

Regards

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