



California ISO

# Energy Storage Enhancements Track & Release Summary

March 29, 2023

# Summary

- [BRS v1.4](#) published March 29, 2023 removes scope from Track 1 Summer 2023 Release; this scope has moved to Track 2 Fall 2023 Release and will be in the Track 2 BRS
- [www.caiso.com](http://www.caiso.com) > Stay Informed > **Release Planning** > 2023 Releases > Summer 2023 > Energy Storage Enhancements
- The next Release User Group (RUG) Forum is on April 4, 2023 at 10AM PPT
- [CAISO Calendar](#)
- More information is available in the RUG Agenda for April 4, 2023
- [www.caiso.com](http://www.caiso.com) > Stay Informed > Meetings and Events > User groups and recurring meetings > **Release user group** > Release user group web conferences 2023
- [RUG Presentations](#)

## Track 1 – Summer 2023 Release

- Implementation Date June 1, 2023
- All Impacted Systems: SIBR, IFM/RTM
- Scope:
  - Include expected impacts from regulation in State of Charge (SOC)
    - Impacted systems: IFM/RTM
- Require storage to bid energy in the opposite direction of Ancillary Service (AS) awards
  - Impacted systems: SIBR, IFM/RTM
- Update DA storage resource default energy bid (DEB) to include storage specific opportunity cost
  - Impacted Systems: IFM

## Track 2 – Fall 2023 Release

- Implementation Date Fall 2023 Release
- All Impacted Systems:
  - System Changes: Settlements, RTM, CMRI, RIMS, MF
  - Testing only: OASIS, ADS, OMS, ITS
- Scope:
  - **Moved from Track 1 Summer 2023 Release to Track 2 Fall 2023 Release:** Include lost opportunity cost from not generating in storage resource compensation due to Exceptional Dispatch (ED) to hold SOC (i.e. 0 MW ED)
    - Impacted Systems: Settlements, RTM, CMRI
    - Testing only: OASIS, ADS
  - Allow for Exceptional Dispatches (EDs) to be issued for storage resources to hold SOC
    - Impacted Systems: RTM
  - Develop an electable co-located model available to all storage resources: storage schedules to never exceed renewable schedules (i.e. no grid charging)
    - Impacted Systems: RIMS, MF, SIBR, IFM/RTM
    - Testing only: WebOMS
  - Allow for co-located pseudo-tie resources to apply Aggregate Capability Constraint (ACC)
    - Impacted Systems: MF
    - Testing Only: ITS, CMRI

# Questions

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