

## California ISO Readiness Notes

**Title:** Inclusion of Uncertainty Awards in the Upward Direction within the State of Charge Equation

**Expected Production Date:** Tuesday, June 3, 2025

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**Project Associated:** Proposed Revision Request (PRR) 1627

**Details:** The California ISO is implementing a Business Practice Manual (BPM) modification that will modify the state of charge (SOC) equation as defined in [section 7.8.2.5 of the Market Operations BPM](#). Specifically, the modification will reflect the SOC impact of uncertainty awards in the upward direction (i.e., Flexible Ramp Up [FRU]) within the SOC AT equation, as follows:

$$SOC_{i,t}^{AT} = SOC_{i,t-1}^{AT} - (FRU_{i,t} + EN_{i,t}^{(+)} + \eta EN_{i,t}^{(-)} + ATRU_t RU_{i,t} - ATRD_t \eta_i RD_{i,t}) \frac{\Delta T}{T_{60}}$$

Following implementation, the California ISO will monitor the effects and performance of this modification. The California ISO will report the results of the modification through the quarterly Market Performance and Planning Forum and the Storage Design & Modeling (SDM) initiative. If monitoring were to reveal any issues or unintended consequences, the California ISO will have the ability to immediately disable the modification.