



California ISO

WESTERN EIM

# Decision on short and long start unit definitions

Greg Cook

Executive Director, Market and Infrastructure Policy

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# Management proposes to update the definitions of short and long start units to align with operational practices.

- Short and long start unit definitions are used to determine which resources can be started in the day-ahead and real-time markets
  - Short start units can be started by the real-time market
  - Long start units can be started by the day ahead market
- Currently, 300 minutes is used as the demarcation point between a short start unit and a long start unit
- However, the ISO's day-ahead and real-time markets use a 255 minute cycling time to determine which market is able to issue financially binding unit commitments

Management proposes to update these definitions to reflect the current implementation of the ISO markets.

	Current	Proposed
Short start unit cycling time	300 minutes or less	255 minutes or less
Long start unit cycling time	> 300 minutes	> 255 minutes

- Resolves potential commitment and RAAIM issues for units whose cycling time currently falls between 255 and 300 minutes
- Proposal also includes removing the definitions for fast and medium start units
  - The ability to start a resource in the real-time market is covered by the definition of a short start unit

Stakeholders support the proposal to align the tariff with the existing implementation in the market.

- Stakeholders requested additional clarification on how the revised definitions will be considered for resources with variable start-up times or multi-state generators
  - additional guidance provided in draft final proposal

Management requests the ISO Board of Governors and the WEIM Governing Body approve this proposal to update the definitions of short and long start units.

- Aligns the tariff with existing implementation
- Resolves compliance gap between how the day-ahead and real-time market are implemented and the tariff