

### 2.1.3 Residual Unit Commitment

The Residual Unit Commitment (RUC) process is a reliability function for committing resources and procuring RUC capacity not reflected in the Day-Ahead Schedule following the IFM (as Energy or AS capacity), in order to meet the difference between the CAISO Forecast of CAISO Demand (including locational differences) and the Demand reflected in the Day-Ahead Schedules for each Trading Hour of the Trading Day.

Short, Fast, and Medium Start Units in general do not receive a binding commitment instruction in RUC. Units are notified at the end of the DAM if they are selected for RUC. Such resource commitment decisions are determined in the Real Time Market. Commitment instructions are issued closer to the Real-Time Dispatch, based on the unit's Start-Up Time. Long Start Units can receive a binding commitment instruction in RUC. [Non-binding commitment instructions for Extremely Long-Start Resources are produced through RUC and are reviewed by the CAISO Operator through the Extremely Long-Start Unit Commitment process. The CAISO Operator will manually confirm and communicate any binding commitment instructions.](#)

### 2.1.4 Extremely Long-Start Unit Commitment

The commitment of resources that require a start up time of greater than 18 hours or notification earlier than the publication of the Day-Ahead Schedule will be considered [in the RUC and](#) the Extremely Long-Start Commitment process. This process will be executed after the completion of the DAM. Bids for ELS units are used for both the current Trading Day and Trading Day D+1. Extra Long Start (ELS) units will receive binding commitment instruction in the Extra Long Commitment (ELC) process. The ELC process is detailed in the *BPM for Market Operations Section 6.8.1*.