EIM Scheduling Coordinator Metered Entity (SCME) Requirements

Market Resource Type	Data Source	Interval size	Requirements
Load	Settlement Quality Meter Data (SQMD) consisting of a load value captured from a revenue grade device(s) or a derived value resulting from an algorithm associated with Generation, Imports, and Exports revenue grade devices.	5, 15 or 60-minute intervals. The interval may not be a granularity lower than what can be programmed in the physical meter.	Settlement Quality Meter Data (SQMD) plan approved by ISO required for new loads, optional for existing loads unless entity implements changes to metering configuration. Metering equipment/device must be certified by local regulatory authority (LRA) as meeting requirements. In the absence of metering standards set by LRA, all related equipment/devices must meet or exceed CAISO metered entity standards. ISO metering equipment/device accuracy standards: 0.3% for the CTs / PTs, and 0.2% for the meter itself at full load and 100% power factor. Metering equipment that does not meet ISO accuracy standards can be used for SQMD if adjusted by appropriate correction factors. Meter data must be adjusted for losses on distribution systems. Perform validation, estimation and editing (VEE) on SQMD data. Meet timing requirements for data submittal(s). Submit annual self-assessment/audit. Subject to Rules of Conduct for late and/or inaccurate meter data submission.
Intertie	Settlement Quality Meter Data (SQMD) consisting of Import and Export values associated with a revenue grade device(s). .	5-minute intervals.	SQMD plan approved by ISO required for new interties, optional for existing interties unless entity implements changes to metering configuration. Metering equipment/device must be certified by local regulatory authority (LRA) as meeting requirements. In the absence of metering standards set by LRA, all related equipment/devices must meet or exceed CAISO metered entity standards. ISO metering equipment/device accuracy standards: 0.3% for the CTs / PTs, and 0.2% for the meter itself at full load and 100% power factor. Metering equipment that does not meet ISO accuracy standards can be used for SQMD if adjusted by appropriate correction factors. Meter data must be adjusted for losses and compensated to transmission system point of interconnection. Perform validation, estimation and editing (VEE) on SQMD data. Meet timing requirements for data submittal(s). Submit annual self-assessment/audit. Subject to Rules of Conduct for late and/or inaccurate meter data submission.

Generation (participating resources)	Settlement Quality Meter Data (SQMD) consisting of generation values associated with a revenue grade device which is located on or compensated to the high-side of the transformer and to the point of interconnection to the transmission system.	5 or 15-minute intervals. The interval may not be a granularity lower than what can be programmed in the physical meter.	SQMD plan approved by ISO required for new resources, optional for existing participating resources unless entity implements changes to metering configuration. Metering equipment/device must be certified by local regulatory authority (LRA) as meeting requirements. In the absence of metering standards set by LRA, all related equipment/devices must meet or exceed CAISO metered entity standards. ISO metering equipment/device accuracy standards: 0.3% for the CTs / PTs, and 0.2% for the meter itself at full load and 100% power factor. Metering equipment that does not meet ISO accuracy standards can be used for SQMD if adjusted by appropriate correction factors. Perform validation, estimation and editing (VEE) on SQMD data. Meet timing requirements for data submittal(s). Submit annual self-assessment/audit. Subject to Rules of Conduct for late and/or inaccurate meter data submission.
Generation (non-participating resources)	Settlement Quality Meter Data (SQMD) consisting of generation values associated with a revenue grade device which is located on or compensated to the high-side of the transformer and to the point of interconnection to the transmission system.	5, 15 or 60-minute intervals. The interval may not be a granularity lower than what can be programmed in the physical meter.	SQMD plan approved by ISO required for new resources. Metering equipment/device must be certified by local regulatory authority (LRA) as meeting requirements. In the absence of metering standards set by LRA, all related equipment/devices must meet or exceed CAISO metered entity standards. ISO metering equipment/device accuracy standards: 0.3% for the CTs / PTs, and 0.2% for the meter itself at full load and 100% power factor. Metering equipment that does not meet ISO accuracy standards can be used for SQMD if adjusted by appropriate correction factors. Perform validation, estimation and editing (VEE) on SQMD data. Meet timing requirements for data submittal(s). Submit annual self-assessment/audit. Subject to Rules of Conduct for late and/or inaccurate meter data submission.