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33. Extended Day-Ahead Market

33.1 General Provisions

Section 1 will apply to EDAM Market Participants in addition to the provisions in this Section 33.1, unless limited in their application by this Section 33.1.

Participation in, operation of, and Settlement of the Extended Day-Ahead Market will be subject to the provisions of Section 33, and to all other provisions of the CAISO Tariff to the extent those provisions are applicable to the Extended Day-Ahead Market. The provisions of Section 33 will apply only to the Extended Day-Ahead Market.

EDAM Market Participants must comply with the provisions of Section 33, and other applicable provisions of the CAISO Tariff to the extent such provisions:

(a) expressly refer to Section 33 or EDAM Market Participants,

(b) are cross-referenced in Section 33, or

(c) are not limited in applicability to the CAISO Controlled Grid, the CAISO Balancing Authority Area, or CAISO Markets other than the Day-Ahead Market or Real-Time Market.

If there is an inconsistency between a provision in Section 33 and another provision of the CAISO Tariff regarding the rights or obligations of EDAM Market Participants, except in their capacity as EIM Market Participants under Section 29, the provisions in Section 33 will prevail to the extent of the inconsistency. If there is an inconsistency between a provision in Section 33 and a provision in Section 29, the provisions of Section 33 will prevail with respect to participation in the Day-Ahead Market and the provisions of Section 29 will prevail with respect to participation in the Real-Time Market, provided that the provisions of both Sections 33 and 29 will be given equal consideration such that the provisions applicable as an EDAM Market Participant and EIM Market Participant may be reconciled where provisions apply to participation in both the Day-Ahead Market and the Real-Time Market.

33.1.1 Suspension of EDAM Entity Participation

The CAISO may, within 60 days following an EDAM Entity Implementation Date for an EDAM Entity, and pursuant to the terms of a Market Notice, temporarily suspend the participation of that EDAM Entity in the Day-Ahead Market within the EDAM Entity Balancing Authority Area for a period not to exceed 60 days if market or system operational issues adversely impact any portion

of the EDAM Area, provided that the CAISO may continue operation of the Day-Ahead Market in the rest of the EDAM Area without the participation of the EDAM Entity for a reasonable additional period of time in order to implement a resolution of the market or system operational issues.

If the CAISO is not able to identify a resolution of the EDAM-related market or system operational issues within 60 days after issuance of the Market Notice of temporary suspension of EDAM participation by an EDAM Entity, the CAISO may, upon issuance of a subsequent Market Notice, terminate participation by the EDAM Entity in the Day-Ahead Market and may extend the suspension of EDAM participation by the EDAM Entity for a time sufficient to process the termination of the EDAM Addendum to EIM Entity Agreement. The CAISO may reinstate EDAM operations after a temporary suspension of EDAM participation by an EDAM Entity by issuing a Market Notice announcing the intended reinstatement no less than 5 days in advance of the reinstatement date.

33.1.1.1 EDAM Entity Action.

In the event the CAISO issues a Market Notice of the temporary suspension of EDAM participation by an EDAM Entity, the EDAM Entity will either (a) undertake manual operation of its Balancing Authority Area without reliance on the Day-Ahead Market or (b) continue to submit EDAM Bids, forecast information, and the associated Meter Data to enable continued operation of the Day-Ahead Market until the CAISO issues a subsequent Market Notice either that (i) the cause of the temporary suspension has been resolved and the EDAM Entity has been reinstated, in which case EDAM participation by the EDAM Entity will return to normal, or (ii) EDAM participation by the EDAM Entity has been terminated.

In the event the CAISO issues a Market Notice of the temporary suspension of EDAM participation by an EDAM Entity, the EDAM Entity will either (a) not continue participation as an EIM Entity if its Balancing Authority Area is under manual operation or (b) continue participation as an EIM Entity unless otherwise directed in accordance with Section 29.1(d), specifically to submit EIM Base Schedules and the associated Meter Data to

enable continued operation of the Real-Time Market until the CAISO issues a subsequent Market Notice either that (i) the cause of the temporary suspension has been resolved and the EDAM Entity has been reinstated, in which case EDAM participation by the EDAM Entity will return to normal; or (ii) EDAM participation by the EDAM Entity has been terminated, in which case the EDAM Entity will continue participation in the EIM as an EIM Entity.

33.1.2.1 CAISO Action.

In the event the CAISO issues a Market Notice of the temporary suspension of EDAM participation by an EDAM Entity, the CAISO will (i) prevent EDAM Transfers and separate the EDAM Entity Balancing Authority Area from operation of the Day-Ahead Market in the EDAM Area in accordance with the provisions of the Business Practice Manual for the Extended Day-Ahead Market, (ii) suspend Settlement of Day-Ahead Market charges with respect to the EDAM Entity in accordance with the provisions of the Business Practice Manual for the Extended Day-Ahead Market, and (iii) issue a subsequent Market Notice either that the cause of the temporary suspension has been resolved and the EDAM Entity has been reinstated, in which case EDAM participation by the EDAM Entity will return to normal, or EDAM participation by the EDAM Entity has been terminated.

33.2 Access To EDAM

Section 2 will not apply to EDAM Market Participants; rather, the specific provisions of this Section 33.2 will apply to EDAM Market Participants.

The CAISO will provide open and non-discriminatory access to the Day-Ahead Market, including the Extended Day-Ahead Market for Balancing Authorities that also participate in the Energy Imbalance Market in accordance with the CAISO Tariff. Only EIM Entities may be EDAM Entities, while EIM Entities who do not become EDAM Entities will have no obligation to participate in the Extended Day-Ahead Market and may continue to participate solely in the Energy Imbalance Market.

33.2.1 EDAM Entity Implementation Agreement.

A Balancing Authority that seeks to become an EDAM Entity must first execute an EDAM Entity Implementation Agreement with the CAISO that establishes the EDAM Entity Implementation Date, an obligation to sign an EDAM Addendum to EIM Entity Agreement, the onboarding fee for its implementation, and the scope of work required for its participation in the EDAM. A prospective EDAM Entity that has not yet executed an EDAM Addendum to EIM Entity Agreement may terminate its EDAM Entity Implementation Agreement at any time and for any reason in accordance with the terms of the EDAM Entity Implementation Agreement.

33.2.2 Implementation Date.

The CAISO and the prospective EDAM Entity shall work together to determine the EDAM Entity Implementation Date based on the complexity and compatibility of the Balancing Authority's transmission and technology systems with the CAISO systems and the planned timing of the CAISO's implementation of software enhancements. The EDAM Entity Implementation Date must be not less than six months after the date that the EDAM Entity Implementation Agreement between the CAISO and the Balancing Authority becomes effective in accordance with its terms. Once established, the EDAM Entity may request a change in the EDAM Entity Implementation Date to account for any circumstances that may affect the implementation timeline.

33.2.3 Market Simulation and Parallel Operations.

The CAISO and the prospective EDAM Entity will engage in (a) market simulation that accounts for the prospective EDAM Entity's implementation circumstances and (b) at least 30 days of parallel operations representing the Extended Day-Ahead Market to support the CAISO and the prospective EDAM Entity's implementation.

33.2.4 Reporting.

The CAISO will report on the CAISO Website periodically, but not less than once during market simulation, on progress towards completing the implementation activities and once again during parallel operations confirming completion of the implementation activities.

33.2.5 Implementation Activities.

The CAISO and the prospective EDAM Entity will complete the following implementation activities:

(A) **Execution of Necessary Agreements.** The prospective EDAM Entity has complied with Section 33.2.1, executed any necessary agreements for operating as an EDAM Entity, and helped the CAISO secure necessary agreements with third party prospective EDAM Market Participants.

(B) **Operations Training.** Prior to the start of parallel operations as set forth in Section 33.2.3, all operations staff (including contractors or vendors) identified by the prospective EDAM Entity who will have responsibility for EDAM operations, market transactions and settlements, will have completed identified CAISO training modules.

(C) **Forecasting Capability.** The CAISO and, to the extent the prospective EDAM Entity will use its own forecasts or is otherwise required to provide forecasting information to the CAISO, the prospective EDAM Entity has demonstrated its respective forecasting capability through –

(i) the definition of day-ahead demand forecast boundaries based on the conforming and non-conforming load characteristics, as applicable;

(ii) the documentation of EDAM Entity's choice of day-ahead demand forecast provider and how the demand forecast will be completed;

(iii) the accuracy of the CAISO forecast of demand based on historical actual load data for the defined demand forecast boundaries;

(iv) the identification of weather stations locations used in forecasting, as applicable;

(v) the identification of the source of day-ahead Variable Energy Resource forecasts;

(vi) the accuracy of the day-ahead forecast of Variable Energy Resources;

(vii) the identification of all Hybrid Resources; and

(viii) the provision of CAISO historical data on day-ahead demand and renewable forecast information to fill the needed historical data period to produce the Imbalance Reserve requirements at the net load level.

(D) **Resource Sufficiency Evaluation.** The prospective EDAM Entity Scheduling Coordinator demonstrates its ability to pass the Resource Sufficiency Evaluation for the prospective EDAM Entity's Balancing Authority Area.

(E) **Transmission Availability.** The prospective EDAM Entity confirms initial registration of the transmission rights of the EDAM Transmission Service Providers in its Balancing Authority Area available for EDAM Transfers or that otherwise may be scheduled in the Day-Ahead Market.

(F) **Operating Procedures.** Prior to the start of parallel operations pursuant to Section 33.2.3, the CAISO and the prospective EDAM Entity have defined, completed, and tested operating procedures for the prospective EDAM Entity and its Scheduling Coordinator's participation in the Energy Imbalance Market.

(G) **System Readiness and Integration.**

(i) **System and Functional Testing.** The prospective EDAM Entity and the CAISO have tested the functional and system elements in accordance with functional and system testing documentation posted on the CAISO Website.

(ii) **Prospective EDAM Entity Identification.** The CAISO has established and the prospective EDAM Entity has tested all necessary SCIDs and Resource IDs established for the prospective EDAM Entity's Balancing Authority Area.

(iii) **Certificates and Access.** The prospective EDAM Entity has issued all necessary certificates to its employees, contractors and vendors that require system access to perform EDAM-related job functions.

(H) **Market Simulation and Structured Scenarios simulation.** The prospective EDAM Entity operations staff identified by the prospective EDAM Entity who will have responsibility for EDAM operations, transactions and settlements, have executed and passed all structured scenarios provided by CAISO with all significant issues resolved.

(I) **Settlements.** The CAISO and the prospective EDAM Entity have demonstrated that –

(i) CAISO settlement statements and invoices match the operational data published to stakeholders or fed into settlement system and the resulting calculations correspond to the formulas defined in CAISO's tariff and Business Practice Manuals.

(ii) CAISO settlement statements and invoices allocates charges and credits to its customers accurately reflecting system and market data during parallel operations.

(J) **Parallel Operations Plan.** The period of parallel operations specified in Section 33.2.3 runs consistently and in accordance with the prospective EDAM Entity specific parallel operations plan.

(K) **Historical Revenue Recovery.** As specified in the Business Practice Manual for the Extended Day-Ahead Market, but no later than three (3) months before the EDAM Access Charge would begin to be assessed, the EDAM Entity, and the CAISO for the CAISO Balancing Authority Area for the initial EDAM implementation, will exchange the information and documentation necessary to account for the EDAM Recoverable Revenue pursuant to Section 33.26 associated with the EDAM Transmission Service Providers in its Balancing Authority Area.

33.2.6 Readiness.

No later than 10 days prior to the prospective EDAM Entity Implementation Date as established in the EDAM Entity Implementation Agreement, the CAISO will determine, in consultation with the prospective EDAM Entity, whether prospective EDAM Entity will be ready for the prospective EDAM Entity's participation in the Extended Day-Ahead Market on the EDAM Entity Implementation Date as contemplated by the implementation activities in Section 33.2.5.

33.2.7 Delay.

If the CAISO or the prospective EDAM Entity determines that either cannot proceed with

implementation on the EDAM Entity Implementation Date, the CAISO and the prospective EDAM Entity will establish a new EDAM Entity Implementation Date as soon as it can be determined and reflect that date in an amended version of the EDAM Entity Implementation Agreement.

33.3 [Not Used]

33.4 Roles And Responsibilities

Section 4 will apply to EDAM Market Participants to the extent their roles and responsibilities are included in the Extended Day-Ahead Market, in addition to the provisions in this Section 33.4.

(a) Nothing in this Section 33 will alter the CAISO's responsibilities under the other sections of the CAISO Tariff, under any agreement not required by Section 33, or under NERC Reliability Standards, any other NERC requirements or criteria, or any other Applicable Reliability Criteria as the Balancing Authority for the CAISO Balancing Authority Area and the transmission operator for the CAISO Controlled Grid. During any interruption of the normal operation of the Day-Ahead Market, the CAISO as Balancing Authority will remain responsible for managing the resources in its Balancing Authority Area and the flows on transmission lines internal to the CAISO Balancing Authority Area, including imports and exports, for the duration of the interruption.

(b) Nothing in this Section 33 will alter an EDAM Entity's responsibilities under NERC Reliability Standards and any other NERC requirements or criteria as the Balancing Authority for the EDAM Entity Balancing Authority Area and, to the extent applicable, as the transmission operator for transmission facilities within its Balancing Authority Area. During any interruption of the normal operation of the Day-Ahead Market, the EDAM Entity as Balancing Authority will remain responsible in accordance with Section 33.7 for managing the resources in its Balancing Authority Area and the flows on internal transmission lines, including imports into and exports out of its Balancing Authority Area, for the duration of the interruption.

(c) An EDAM Transmission Service Provider will remain the transmission service provider in accordance with its tariff and will be responsible to manage transmission sales, reservations, and schedules on its transmission system in accordance with the EDAM Transmission Service Provider tariff.

(d) The CAISO will remain the transmission service provider for transmission capacity on the CAISO Controlled Grid in accordance with the CAISO Tariff.

33.4.1 EDAM Entity

An EDAM Entity must be a Balancing Authority registered and certified as such under the applicable authorities and execute an EDAM Addendum to EIM Entity Agreement no later than ninety (90) days before the EDAM Entity Implementation Date. Upon receipt of such notice, the CAISO will undertake all necessary preparations to enable operation of the Day-Ahead Market within the EDAM Entity Balancing Authority Area, as outlined in the Business Practice Manual for the Extended Day-Ahead Market, including issuance of a Market Notice within five Business Days after receipt of such notice.

An EDAM Entity must:

(a) perform the obligations of an EDAM Entity in accordance with the EDAM Addendum to EIM Entity Agreement, Section 33, and other provisions of the CAISO Tariff that apply to EDAM Entities, subject to the limitations specified in Section 33.1;

(b) determine and inform the CAISO about all Load Serving Entities within the EDAM Entity's Balancing Authority Area necessary to enable operation of the Day-Ahead Market in its Balancing Authority Area;

(c) qualify as, or secure representation by, an EDAM Entity Scheduling Coordinator, provided that an EDAM Entity may not be represented by more than one EDAM Entity Scheduling Coordinator;

(d) provide the CAISO and its EDAM Entity Scheduling Coordinator with information regarding all Transmission Constraints of which it is aware;

(e) work with the CAISO to identify all resources within its Balancing Authority Area that do not currently participate in the Energy Imbalance Market pursuant to Section 29 so they can be represented in the Extended Day-Ahead Market as EDAM Resources and execute an EDAM Addendum to EIM Participating Resource Agreement pursuant to Section 33, which may be accomplished through execution of a separate EDAM Addendum to EIM Participating Resource Agreement or by including all or some of the

resources under its EDAM Addendum to EIM Participating Resource Agreement;

(f) define Load Aggregation Points in its Balancing Authority Area and be responsible for serving the associated Demand, including for an EDAM Load Serving Entity in its Balancing Authority Area that will be separately responsible for serving the associated Demand;

(g) identify and inform the CAISO which resource types supported by the CAISO Markets are eligible to participate in the Day-Ahead Market as EDAM Resource Facilities;

(h) determine and inform the CAISO of EDAM Transmission Service Providers within the EDAM Entity Balancing Authority Area;

(i) serve as the entity that interacts with EDAM Transmission Service Providers within the EDAM Entity Balancing Authority Area; and

(j) inform the CAISO whether or not the EDAM Entity intends to utilize the CAISO's Demand Forecast consistent with Section 33.31.1.

33.4.2 EDAM Transmission Service Provider

An EDAM Transmission Service Provider must execute an EDAM Transmission Service Provider Agreement with the CAISO. An EDAM Transmission Service Provider that is not an EDAM Entity and no longer wishes to make transmission service available for use in the Day-Ahead Market may terminate the EDAM Transmission Service Provider Agreement pursuant to its terms only if such termination is concurrent with the termination of participation in the Day-Ahead Market by the EDAM Entity for the Balancing Authority Area within which the EDAM Transmission Service Provider operates or holds transmission rights.

An EDAM Transmission Service Provider must:

(a) perform the obligations of an EDAM Transmission Service Provider in accordance with the EDAM Transmission Service Provider Agreement, Section 33, and other provisions of the CAISO Tariff that apply to EDAM Transmission Service Providers;

(b) have provisions in effect in the EDAM Transmission Service Provider's tariff, as necessary or applicable, to enable operation of the Day-Ahead Market, including an obligation for customers of the EDAM Transmission Service Provider to have a

Scheduling Coordinator for purposes of interfacing with the CAISO;

(c) use the EDAM Entity Scheduling Coordinator as the sole Scheduling Coordinator for the EDAM Transmission Service Provider;

(d) provide information about transmission capacity available to the Day-Ahead Market to its EDAM Entity Scheduling Coordinator and the CAISO; and

(e) ensure transmission customers of the EDAM Transmission Service Provider that will submit schedules in the Day-Ahead Market secure representation by a Scheduling Coordinator.

33.4.3 EDAM Entity Scheduling Coordinator

An EDAM Entity Scheduling Coordinator must meet or have met the certification requirements in Section 4.5.1 for a Scheduling Coordinator, and enter into an EDAM Addendum to EIM Entity Scheduling Coordinator Agreement with the CAISO, which will satisfy the obligation to enter into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to its representation of the EDAM Entity.

An EDAM Entity Scheduling Coordinator may represent a Market Participant other than an EDAM Entity if it enters into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to such Market Participant or more than one EDAM Entity if it has certified to the CAISO in the manner described in the Business Practice Manual for the Extended Day-Ahead Market that it has informed each EDAM Entity it represents of the multiple representation. However, an EDAM Entity Scheduling Coordinator may not also be an EDAM Resource Scheduling Coordinator or a Scheduling Coordinator for a Participating Generator, Participating Load, Demand Resource Provider, or Load Serving Entity, unless the EDAM Entity Scheduling Coordinator is a transmission provider subject to the standards of conduct set forth in 18 C.F.R. § 358, is a governmental entity that agrees to comply with standards of conduct equivalent to those set forth in 18 C.F.R. § 358, or is a generation-only balancing authority that has implemented procedures equivalent to the protections offered under the standards of conduct that specifically include procedures addressing the no-conduit rule to preclude non-public transmission function information that may be received from being passed to employees that satisfy the definition of a

"Marketing Function Employee."

33.4.4 EDAM Resource

The owner or operator of each resource in an EDAM Entity Balancing Authority Area is required to participate in the Day-Ahead Market and is required to register its resource with the CAISO as an EDAM Resource Facility if it is capable of delivering Energy, Imbalance Reserves, Reliability Capacity, Flexible Ramping Product, other Ancillary Services, curtailable Demand, or Demand Response Services (or similar services) that may be committed in the Day-Ahead and committed for dispatch in the Real-Time Market as provided in the CAISO Tariff and the Business Practice Manual for the Extended Day-Ahead Market.

33.4.4.1 EDAM Addendum to EIM Participating Resource Agreement. An EDAM Resource must (a) perform the obligations of an EDAM Resource under the EDAM Addendum to EIM Participating Resource Agreement and Section 33, and (b) perform the obligations applicable to Market Participants and resources under the provisions of the CAISO Tariff described in Section 33.1. An EDAM Resource Facility must be listed in an executed EDAM Addendum to EIM Participating Resource Agreement.

33.4.4.2 EDAM Resource and the Energy Imbalance Market. An EDAM Resource Facility must also be registered as an EIM Resource pursuant to Section 29 and participate in the Real-Time Market as an EIM Participating Resource through representation by an EIM Participating Resource Scheduling Coordinator. Resource non-participation as provided under Section 29 is no longer an option.

33.4.5 EDAM Resource Scheduling Coordinator.

Each EDAM Resource must be represented by an EDAM Resource Scheduling Coordinator. An EDAM Resource Scheduling Coordinator must meet or have met the certification requirements in Section 4.5.1 for a Scheduling Coordinator, and enter into an EDAM Addendum to EIM Participating Resource Scheduling Coordinator Agreement with the CAISO (in addition to an EIM Participating Resource Scheduling Coordinator Agreement if it has not done so already), which will satisfy the obligation to enter into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to its representation of the EDAM Resource.

An EDAM Resource Scheduling Coordinator may represent more than one EDAM Resource or a Market Participant other than an EDAM Resource, but only if it enters into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to such Market Participant. However, an EDAM Resource Scheduling Coordinator may not also be an EDAM Entity Scheduling Coordinator unless the EDAM Resource Scheduling Coordinator is a transmission provider subject to the standards of conduct set forth in 18 C.F.R. § 358, is a governmental entity that agrees to comply with standards of conduct equivalent to those set forth in 18 C.F.R. § 358, or is a generation-only balancing authority that has implemented procedures equivalent to the protections offered under the standards of conduct that specifically include procedures addressing the no-conduit rule to preclude non-public transmission function information that may be received from being passed to employees that satisfy the definition of a "Marketing Function Employee."

An EDAM Resource Scheduling Coordinator must (a) perform the obligations of an EDAM Resource Scheduling Coordinator under the EDAM Addendum to EIM Participating Resource Scheduling Coordinator Agreement and Section 33, (b) perform the obligations of a Scheduling Coordinator under the provisions of the CAISO Tariff described in Section 33.1(c), (c) ensure that the entity it represents has obtained any transmission service necessary to participate in the Extended Day-Ahead Market under the terms of the CAISO Tariff or the tariff of another transmission service provider, as applicable, and (d) register in the manner set forth in the Business Practice Manual for the Extended Day-Ahead Market all EDAM Resources that it represents, provide such information to the EDAM Entity Scheduling Coordinator, and update such information with the CAISO in a timely manner.

33.4.6 EDAM Load Serving Entity

All Load in an EDAM Entity Balancing Authority Area must be represented by an EDAM Load Serving Entity. An EDAM Load Serving Entity will be responsible for Load in the Day-Ahead Market and the Real-Time Market, including the submission of Bids and Settlement of Demand, in accordance with Section 33 and Section 29, and must be represented by an EDAM Load Serving Entity Scheduling Coordinator.

33.4.7 EDAM Load Serving Entity Scheduling Coordinator

An EDAM Load Serving Entity Scheduling Coordinator must meet or have met the certification requirements in Section 4.5.1 for a Scheduling Coordinator, and enter into a Scheduling Coordinator Agreement with the CAISO, which will satisfy the obligation to enter into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to its representation of the EDAM Load Serving Entity.

An EDAM Load Serving Entity Scheduling Coordinator may represent more than one EDAM Load Serving Entity or a Market Participant other than an EDAM Load Serving Entity, but only if it enters into a Scheduling Coordinator Agreement under Section 4.5.1 with regard to such Market Participant. However, an EDAM Load Serving Entity Scheduling Coordinator may not also be an EDAM Entity Scheduling Coordinator unless the EDAM Load Serving Entity Scheduling Coordinator either is a transmission provider subject to the standards of conduct set forth in 18 C.F.R. § 358, a governmental entity that agrees to comply with standards of conduct equivalent to those set forth in 18 C.F.R. § 358, or a generation-only balancing authority that has implemented procedures equivalent to the protections offered under the standards of conduct that specifically include procedures addressing the no-conduit rule to preclude non-public transmission function information that may be received from being passed to employees that satisfy the definition of a "Marketing Function Employee".

An EDAM Load Serving Entity Scheduling Coordinator must (a) perform the obligations of an EDAM Load Serving Entity Scheduling Coordinator under the applicable Scheduling Coordinator Agreement and Section 33, (b) perform the obligations of a Scheduling Coordinator under the provisions of the CAISO Tariff described in Section 33.1, (c) ensure that Load it represents has secured any transmission service necessary to participate in the Extended Day-Ahead Market under the terms of the applicable EDAM Transmission Service Provider tariff, and (d) register the EDAM Demand that it represents in the manner set forth in the Business Practice Manual for the Extended Day-Ahead Market, provide such information to the EDAM Entity Scheduling Coordinator, and update such information with the CAISO in a timely manner.

33.4.8 Scheduling Coordinator Representation

The Scheduling Coordinator for an EDAM Entity must be the same as the Scheduling Coordinator for the corresponding EIM Entity to ensure alignment between representation of the Balancing Authority Area in the Day-Ahead Market and the Real-Time Market. The Scheduling Coordinator for an EDAM Resource must be the same as the Scheduling Coordinator for the corresponding EIM Participating Resource to ensure alignment between representation of resources in the Day-Ahead Market and the Real-Time Market. Similarly, an EDAM Load Serving Entity Scheduling Coordinator will be responsible for Settlement of the Demand in the Real-Time Market it represents in the Day-Ahead Market. If the Demand represented by an EDAM Load Serving Entity Scheduling Coordinator is also associated with an EIM Sub-Entity, the Scheduling Coordinator must also represent the Demand for the EIM Sub-Entity in the Real-Time Market.

33.5 [Not Used]

33.6 [Not Used]

33.7 [Not Used]

33.8 [Not Used]

33.8.1 [Not Used]

33.9 [Not Used]

33.10 [Not Used]

33.11 Settlements and Billing for EDAM Market Participants

33.11.1 [Not Used]

33.11.2 [Not Used]

33.11.3 [Not Used]

33.11.4 [Not Used]

33.11.5 Implementation Fee

The CAISO will recover an implementation fee through the EDAM Entity Implementation Agreement to recover its costs incurred to onboard each EIM Entity into the Extended Day-Ahead Market based on the CAISO's cost of service. The CAISO will determine hourly rates for onboarding activity on an annual basis based on current aggregated and burdened labor rates.

The majority of the onboarding costs will be labor costs; however, it is reasonable to assume some onboarding-specific non-labor costs. The CAISO will recover the cost to implement each EDAM Entity, which may vary depending on the size and complexity of the project. A $300,000 deposit will be collected from prospective EDAM Entities to cover the actual start-up costs incurred. If the deposit exceeds the actual cost incurred to provide onboarding services, the CAISO will refund the excess amount, including any Interest accrued on the remaining deposit. If the actual implementation costs exceed the deposit, additional deposits in $300,000 increments will be required, which the EDAM Entity must pay within thirty (30) days of receiving the invoice. Any invoice payment past due will accrue interest, per annum, calculated in accordance with 5 C.F.R. § 1315.10. If the EDAM Entity fails to timely pay any undisputed costs, the CAISO will not be obligated to continue performing onboarding activities unless and until the EDAM Entity has paid all undisputed amounts. If an EDAM Entity terminates an implementation agreement after the prospective EDAM entity's onboarding has begun, the CAISO will make every attempt to halt work and stop incurring costs on implementation as soon as practical. Any implementation-related costs the CAISO incurs will be drawn against the deposit provided. The CAISO will invoice the prospective EDAM entity for any amounts over the onboarding deposit; invoices will be due no later than thirty (30) days after the date of receipt. The CAISO will provide a report that details deposit(s) received, actual costs incurred, and applicable interest earnings (on deposit balance) for each onboarding project and return any unused deposit remaining after onboarding, plus interest on the remaining deposit (based on the average interest rate earned), to the EDAM Entity within ninety (90) days after onboarding is completed and acknowledged by both the CAISO and EDAM Entity.

33.11.6 Administrative Charge

The CAISO will charge each EDAM Market Participant an EDAM Administrative Charge, which consists of the System Operations Real-Time Dispatch Charge and the Market Services Charge, both volumetric charges. The CAISO will no longer collect the EIM Administrative Charge from an EDAM Market Participant. The Systems Operations Real-Time Dispatch Charge and the Market Services Charge are described in Appendix F, Schedule 1, Part A.

33.11.6.1 Temporary EDAM Administrative Charge Transitional Load Ramp-in

The EDAM Administrative Charge assessed to Scheduling Coordinators' demand-related charge codes will be assessed on an incremental percentage at the outset of EDAM. Each incremental percentage will apply to the calendar year, January to December, such that the CAISO would assess the incremental percentage to an EDAM Entity joining after January to the remaining part of the calendar year only. The first year EDAM is available for participation, the CAISO will assess five (5) percent of the MWh of each EDAM Scheduling Coordinator's metered demand to apply the EDAM Administrative Charge. In the second year, the CAISO will assess twenty-five (25) percent. In the third year, the CAISO will assess fifty (50) percent. In the fourth year and thereafter, the CAISO will assess seventy-five (75) percent. In the fifth year and thereafter, the CAISO will assess one-hundred (100) percent. The foregoing does not apply to EDAM Scheduling Coordinators' MWh of Energy or Supply: The CAISO will assess one-hundred (100) percent of the MWh of each EDAM Scheduling Coordinator's Energy to apply the EDAM Administrative Charge at the outset of EDAM and thereafter.

* * * * *

33.30.5 Start-Up and Minimum Load

For the determination of Proxy Start-Up Costs and Proxy Minimum Load Costs, the CAISO will utilize the Market Services Charge and System Operations Real-Time Dispatch Charge reflected in the EDAM Administrative Charge.