Commercial Demand Response Program
ATTACHMENT B: DEFINITIONS

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Version 6.0

Actual Baseline	The Participant's meter data before, after, and during the DR Event
Adjusted Baseline	The Participant's estimated and adjusted meter data during the DR Event. The Adjusted Baseline is calculated by multiplying the Estimated Baseline by the Adjustment Factor. The Adjusted Baseline is used to calculate the monthly Nominated Load Incentive.
Adjustment Factor (AF)	Adjustment Factor is calculated as the difference in Actual Baseline and estimated baseline for a calibration period of three hours starting four hours before event notification and ending one hour before the start of the event, with a maximum absolute adjustment value of 20%.
Automated Demand Response (Auto DR)	Automated Demand Response enables facilities with automated load control systems, such as an Energy Management System (EMS), to participate in demand response events without manual intervention, resulting in rapid, highly reliable load reductions.
Baseline Period	A period of time defined by the Companies over which the baseline energy usage profile of a facility is calculated.
Calibration Period	Period of time preceding a DR Event from which interval data is used to calculate a Participant's Adjustment Factor.
Commercial Demand Response	A reduction in energy demand by commercial and industrial customers typically within 10 minutes notice or less. Commercial DRis frequently used to quickly reduce demand until additional generating units are brought online when output drops off from intermittent renewable energy sources.
Commissioning Load Test	An end-to-end test of the Participant's demand response load reduction capabilities. The test will be performed during the program hours, and will verify all Load Management Equipment is functioning as designed before, during, and after a DR Event. This test will also verify the Participant's ability to curtail Nominated Load.
Company-Owned Load Management Equipment	Equipment may include shadow meter or other control and monitoring equipment
Curtailment	Customer Load reduction
Curtailment Schema	Predefined load reduction strategies executed in response to DREvent signals.
Customer-Owned Load Management Equipment	OpenADR Certified DR Gateway device, Energy Management System and/or other control and monitoring equipment.
Demand Response (DR) Event	The day and time period when a utility signals facilities participating in demand response programs to reduce energy consumption.

Demand Response Management System (DRMS)	The Demand Response Management System (DRMS) software is a comprehensive, demand response resource and event management tool which can be used to activate DR Events and record Participant energy usage.
DR Event Frequency	The number of DR Events that may occur annually depending on the selected program option.
Energy Management System	Customer-Owned Equipment used to control and measure various building equipment like air conditioning and lighting
Estimated Baseline	A calculation methodology defined by the Companies which is used to calculate the average energy usage profile of a facility over a period of time.
Event Energy Reduction Incentive (ERI)	The additional per-kilowatt-hour electric bill credit given to facilities enrolled in the Commercial DR Program when energy consumption is reduced in response to a utility-issued demand response event.
Event Load Shed	The energy reduction resulting from Curtailment Schemas executed at a Participating Facility during an actual utility DR Event, computed using the applicable baseline methodology.
Event Performance Factor	Event Performance Factor is the ratio of Participant's Event Load Control to Participant's Nominated Load. The Event Performance Factor is used to calculate the Monthly Nominated Load Incentive for each Participant. The factor varies between 0 and 2.5.
Gateway	A hardware device installed at a Participating Facility. The Gateway delivers the OpenADR signals to the Participating Facility's Energy Management System (EMS), Building Automation System (BAS), and/or load controllers at the Participating Facility.
Generator	Customer equipment that creates energy for the customer and can reduce the load on system by turning on Emergency Generators – Can only be used for emergencypurposes Non-Emergency – can be used during any situation
Isolation Relay	A relay device installed by the Companies that connects the KYZ output of the Revenue Meter to the input of the Shadow Meter.
Laws	All federal, state and local laws, rules, regulations, orders, ordinances, permit conditions and other governmental actions.
Load Management Equipment	Load Management Equipment consists of Company-Owned or Customer Owned equipment required to enable DR at a Participating Facility.
Monthly Nominated Load (capacity) Incentive	A monthly electric bill credit given to Participants enrolled in the Commercial DR Program, based on a Participating Facility's performance during DR Events compared to the Actual Baseline.
Monthly Performance Level	Monthly Performance Level is the average of the Event Performance Factor for each DR Event for the calendar month.
Nominated Load	The minimum load that Participant agrees to curtail at the request of the Companies or Curtailment Service Provider.
Observed Demand	Participant's actual energy usage as recorded by the Participant's Revenue Meter.

Open Automated Demand Response (Open ADR)	Open Automated Demand Response is the non-proprietary protocol standard created by Lawrence Berkley National Lab (LBNL) for automatic demand response.
Opt-Out	A Participant's election to temporarily withdraw from receiving DR Event requests. Unless otherwise specified, Event Performance Factor will be calculated for any missed DR Events while Opted-Out.
Opt-Out DR Event	A DR Event which the Participant has elected to "Opt-Out" of and in which the Participant does not participate.
Participant	An eligible customer who has executed the Commercial Demand Response Program Customer Contract. Participants are required to successfully complete the Commissioning Load Test to demonstrate Participant's ability to curtail Nominated Load.
Participating Facility	A commercial or industrial customer facility with Load Management Equipment and who is a Participant in the Commercial DR Program.
Participation Option	Two Participation Options are available in the Commercial DR Program: Auto DR and Semi-Auto DR. Participants may only be enrolled in one Participation Option at any given time.
Program Hours	Hours during the day that a DR Event may be triggered. Participation will depend on program option selected. Program Hours are 12:00am-11:59:59pm weekdays and weekends, excluding state and federal holidays, except for Fast DR which program hours are 7am-9pm weekdays, or as may be amended from time to time.
Revenue Meter	A certified meter that provides the Companies with 15- or 5-minute usage interval data.
Semi-Auto DR	Semi-automatic DR begins with a phone call, e-mail, or text to Participant's designated personnel who then shut off designated load manually or automatically.
Shadow Meter / Data Logger/ Pulse Input Box (PIB)	Additional meter which may be installed on-site in order to capture interval meter data for audit analysis or Participant dashboard population purposes.
Similar Usage Days	Energy Usage Days that are expected to have the same energy usage profile during similar time of the day. This typically excludes weekends, holidays, and event days.
Suspension from the Program	A Participant is temporarily suspended from participation in the Commercial DR Program. Upon suspension, Participant will no longer receive incentive payments.
Under Frequency (UF) Event	A DR event triggered at the participating facility based on a program defined UF level.
Under Frequency (UF) Capability	System protection capability that triggers Participant's Curtailment Schema based on grid under frequency conditions.