

データ項目名	説明	一般向けDR Residential タ項目: All DR Events	大口向けDR Wholesale	OpenADR1.0通信 仕様との対応	SEP2.0との対応
OR Program Name	An identifier of the program for which a DR event was	DR Program	Program Name	EventState.program	DR event name
Service Provider ID	issued. An identifier for the Service Provider issuing the DR	Name Service	(System	Name EventState.drasName	
	event.	Provider ID	Operator)		. 10
vent ID	An identifier for the DR event that was created when the DR event was first issued.	Event ID	Event ID	EventState.event Identifier	DR event ID
vent Modification	A modification number for the DR event. This is used	Event	n/a	EventState.event	
lumber	to indicate if the DR Event has been modified by the Utility. Each time it is modified, this number is incremented.	Modification Number		ModNumber	
ocation Identifier	An identifier used to indicate what this dispatch is applicable to. A value of "null" indicates that the price is in effect for all areas.	Location			
Location-type	A value used to interpret the value contained in the Location. Examples of Location-type include: Postal Address Zone GPS Coordinates Grid Location / USNG Electrical Node Zip-code Weather Station Zone (from CIM) Electrical Node ID (could be the same as Service Delivery Location) Electrical Node Name Electrical Node Type PNode PNode PNode ID, Competitive Choice Area  Or Resource Identifier Or Asset Identifier	Location-type	Address1 Address2 City Facility State/Province Facility Zip/Postal Code Facility Country GPS Coordinates Weather Station Zone ID Zone (from CIM) Electrical Node ID Electrical Node Name Electrical Node Type PNode PNode PNode ID, Competitive Choice Area		
est Event Flag	This attribute signifies whether this is a test event or not.  Test events may be issued by the Utility/ISO like other  DR Events.	Test Event Flag	Deployment Type=test or Audit	EventState.testEvent	
Simple Signal Levels	Used as an alternate and simplified representation of the DR signal, whether it be price based or a dispatch. Takes on a small number of finite levels such as NORMAL, MODERATE, and HIGH, SPECIAL		n/a	EventState.simple DRModeData.Ope rationModeValue  EventState.simple DRModeData.Ope rationModeSchedule	
Criticality Level		Information Dispatches			Criticality Level
DR Dispatch Type (for	Identifies the type of the DR Price Plus Dispatch. PRICE_ABSOLUTE - Price number PRICE_RELATIVE - Change in price relative from base tariff. PRICE_MULTIPLE - Multiple of current price	Instruction Type	n/a Retail only for now	EventState.drEvent Data.eventInfoIns tances.eventInfoT ypeID  EventState.DrEve ntData.eventInfoI nstances.eventInfo	
				Name	
Gurrency	All Price Plu Identifier used to interpret the price element. MUST	s Information Intervals Currency			
	follow ISO 4217 standard.				
Price	Expressed in decimal notation with a precision up to 6 decimal places. Prices MAY be either positive or negative. Single or multiple valued price (e.g., for energy,	Price		EventState.DrEve ntData.eventInfoI nstances.eventInfo Values.value	



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Init-of-Measure	demand, etc.)  Indicates the unit of measure for which the price pertains. MUST be complaint with the International System of Units as defined by NIST SP 330, ref: http://physics.nist.gov/Pubs/SP330/sp330.pdf Examples of NIST compliant units of measure include: kWh MWh	Unit-of- Measure	type of attribute	EventState.DrEve ntData.eventInfoI nstances.eventInfo TypeID	
Duration	The amount of time for which this price is valid, commencing at the Effective-Date-Time specified. A value of zero means price is valid until next price broadcast override.  Specified in decimal notation where integers represent minutes and decimals represent fractions of minutes.	Duration	Uses Start and End Times		
Effective-Date-Time	The date and time which the price is in effect. In ISO 8601 standard format. The date and time interval which the price is in effect.	Effective- Date-Time	Start Time	EventState.drEven tData.startTime/en dTime/notification  Time  EventState.DrEve ntData.eventInfoI nstances.eventInfo Values.timeOffset	
Product Type	Identifies the type of product to whi h this price pertains. Contains an enumeration of various produ ts that may be offered. Extensibility MUST be supported in order to a ommodate multiple jurisdictions and markets.  Product types include the following: energy, regulation, Spinning reserve.	Product- Identifier	Program ID & Program Name		
OR Dispatch Type (for	Identifies the type of DR Objectives:	bjective Dispatches Dispatch	Deployment	EventState.DrEve	Π
Objectives)	LOAD_LEVEL     LOAD_AMOUNT     LOAD_PERCENTAGE	Instructions	MegaWatts	ntData.eventInfoI nstances.eventInfo TypeID  EventState.DrEve ntData.eventInfoI nstances.eventInfoI nstances.eventInfo	
		Objective Intervals			
Interval Start Time	Start time of the dispatch interval.	Event Schedule	Event Day Event Start Time Event End Time	EventState.drEven tData.startTime  EventState.drEven tData.eventInfoIns tances.eventInfoV alues.timeOffset	
Interval Duration	Period of time the Control Command is in effect.		Use Start/End		
l   1   1 / -	All DR Load Level Objective Inte			Г	I
Load Level Value	Value of the load level to be achieved based on a set of enumerated values. (i.e. moderate, high, etc)	Dispatch Instructions	n/a	EventState.drEven tData.eventInfoIns tances.eventInfoV alues.value	
Load Amount Value	All Load Amount Level Objective Interest Fixed amount of load to shed in kW.	Dispatch Instructions	Energy Schedule or Ancillary Service Product Schedule	EventState.drEven tData.eventInfoIns tances.eventInfoV alues.value	
	All Load Percentage Objective Interven			-	T .
	Percentage of load to increment or shed.	Dispatch Instructions	Deployment MegWatts as percentage.	tData.eventInfoIns tances.eventInfoV alues.value	Average Load Adjustment Percentage (expressed as signed integer, e.g -10 is 10% reduction from average load)
	ad Control Dispatches Direct Load Control is a Dispatch type Identifies the objective type as Direct Load Control.	that requests an Asse DR Dispatch	t to be in a specific load In/a	control state (e.g., to tur	n it on or off).
ispaton Type	identines the objective type as Direct Load Control.	Type			
DR Asset ID	An identifier of the DR Asset for which the control is	DR Asset ID	n/a		HAN Device
Status Check	intended.  A signal to require the DR resource status to be sent back.	Status Check	n/a		ID SEP 2.0 Req[DRLC-3] No specific data requirement
Direct Land Count		LOB Control			Hooting
Direct Load Control Type	The type of DR Direct Load Control Command: e.g. Set Point Open/Close Heating Temperature -offset/setpoint Cooling Temperature -offset/setpoint	DR Control Command			Heating Temperature (offset/ setpoint), Cooling



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7 79,00		Residential	Wholesale	仕様との対応	OLI 2.0C077,170
	Load adjustment offset				Temperature (offset/ Setpoint), Load adjustment
Direct Load Control Value	Value associated with the Direct Load Control Type.	DR Control Command			offset
nterval Start Time	Start time of the dispatch interval.	Event Schedule		EventState.drEven tData.startTime/en dTime/notification Time  EventState.drEven tData.eventInfoIns tances.eventInfoV alues.timeOffset	DR event start date/time
nterval Duration	Period of time the Control Command is in effect.				DR event duration
Outy cycle	Duty Cycle (optional): Defines the maximum On state duty cycle as a percentage of time. Example, if the value is 80, the device would be in an "on state" for 80% of the time for the duration of the event. Range of the value is 0 to 100.  A value of 0xFF indicates the field is not used.				Duty cycle
vent control	Event Control options for randomized start or end times:  1= Randomize Start time, 0=Randomized Start not Applied  1= Randomize End time, 0=Randomized End not Applied				Event control
Device Class	Enumeration representing the Device Class to apply the current Load Control Event.  0 HVAC compressor or furnace 1 Strip Heaters/Baseboard Heaters 2 Water Heater 3 Pool Pump/Spa/Jacuzzi 4 Smart Appliances 5 Irrigation Pump 6 Managed Commercial & Industrial (C&I) loads 7 Simple misc. (Residential On/Off) loads 8 Exterior Lighting 9 Interior Lighting 10 Electric Vehicle 11 Generation Systems 12 to 15 Reserved				Device Class