

SD_REGDTLASM – Regulation Unit Detail Report – RETIRED

SD_REGDTLASM_<customer id>_<settlement date>_<version>.CSV

<Customer Name>

Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT

Availability: This report is issued as part of the Regulation Market settlement. It provides the list of asset entitlements (net of ownership share and contractual entitlements and obligations) with associated product and financial quantities for a given Customer for a set of trading intervals. In addition to generating resources this report includes non-generating resources that are participating in the Alternative Technology Regulation (ATR) Pilot Program. One report is generated per customer per GMT day.

REPORT COLUMN	DESCRIPTION
Trading Interval	Specific hour for which the information is reported. Numeric from 1 – 24 (For daylight-saving crossover days: the long day extra hour = 02X, the short day removes hour 02).
Asset ID	Numerical identifier for the asset.
Asset Name	Asset name assigned from market system.
Regulation Service	Quantity of regulation provided in MWH.
Regulation Service Credits	Regulation Service Credit for generating resources is Regulation Service MW times the Regulation Clearing Price (RCP) times the Regulation Service to Capacity Ratio. Regulation Service Credit for non-generating resources is Regulation Service MW times Minutes on Regulation prorated by Fade Time times the Regulation Clearing Price (RCP) times the Regulation Service to Capacity Ratio.
Minutes on Regulation	Portion of the clock hour that a resource is providing regulation.
Minute on Must Regulate for Reliability	Portion of the clock hour that a generator is responding to a dispatch signal during regulation for reliability reasons. This value will be zero for non-generating resources.
Regulation Capacity	Hourly integrated value of the regulation capability while regulating in MWH.
Delivered Regulation	Hourly integrated value of the MWH delivered in relation to the Regulation Capacity.
Time on Regulation Credit	Time on Regulation Credit for generating resources is Minutes on Regulation (divided by 60) times the Regulation Capability of the unit, times the RCP. Time On Regulation Credit for non-generating resources is Minutes on Regulation reduced by Fade Time (divided by 60) times the Regulation Capability of the unit times the RCP.
Self Scheduled Regulation	Self Scheduled Regulation equals Delivered Regulation MWH if self scheduled minutes are greater than zero. Note that if a generating resource has been flagged for Must Regulate for Reliability, then the Self Scheduled Regulation is set to zero.
Pool Scheduled Regulation	Pool Scheduled Regulation equals Delivered Regulation MWH as long as the generating resource has not been Self Scheduled. This value will be zero for non-generating resources.
Regulation Offer Price	Offer Price per MW of Regulation provided. This value will be blank for non-generating resources.
Regulation Opportunity Cost	Cost of providing regulation during all or a portion of an hour by a pool scheduled generator. This value will be zero for non-generating resources.
Regulation Opportunity Cost Type	Specifies ROC types such as: OOM UPLIFT = Out Of Merit Uplift LOC = Lost Opportunity Cost N/A = Type Not Applicable (LOC = 0)

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REPORT COLUMN	DESCRIPTION
Ownership Share	A right or obligation, for purposes of settlement, to a percentage share of all Credits or Charges associated with a resource at a Node, where such resource is interconnected to the NEPOOL Transmission System.
Customer Share of Pool Scheduled Regulation	Customer's portion of the Pool Scheduled Regulation based on the ownership share of the generating unit.
Customer Share of Self Scheduled Regulation	Customer's portion of the Self Scheduled Regulation based on the ownership share of the resource.
Customer Share of Regulation Service Credits	Customer's portion of the Regulation Service Credit based on the ownership share of the resource.
Customer Share of Time on Regulation Credit	Customer's portion of Time on Regulation Credit based on the ownership share of the resource.
Customer Share of Regulation Opportunity Cost	Customer's portion of the Regulation Opportunity Cost based on the ownership share of the generating unit.
Fade Time	The number of minutes in an hour that a non-generating resource deviates from its regulation target outside of a specified tolerance. This will be blank for generating resources.
Perfect AGC Output While Regulating	Output level the resource should be at while regulating if following its AGC Setpoint value at its claimed ARR without delay.
Regulation Service Cost	Unit specific actual cost of providing Regulation equals the Regulation Service (MW) times Offer Price, times the Capacity-to-Service Ratio (CSR).
Time on Regulation Cost	Unit specific actual cost of Time on Regulation equals the number of Minutes on Regulation (divided by 60), times the Regulation Capability, times the Regulation Offer Price.
Total Regulation Cost	Unit specific sum of Regulation Service Cost, plus the Time on Regulation Cost, plus the Regulation Opportunity Cost.
Regulation Make Whole Cost	The maximum of the Total Regulation Cost minus the Regulation Payment, or zero. This value will be zero for non-generating resources.
Regulation Payment	Unit specific sum of the Regulation Service Credit and the Time On Regulation Credit.
Customer Share of Make Whole Cost	Customer's share of the unit specific Regulation Make Whole Cost based on their Ownership Share of the unit.

SD_REGDTLASM Change Summary	Effective Date
Retired. This report will be issued for any settlement or resettlements of days through and including operating day March 30, 2015.	03.31.2015
Modified. Updated descriptions of "Regulation Service Credit" and "Time On Regulation Credit". New columns: "Regulation Service Cost", "Time On Regulation Cost", "Total Regulation Cost", "Regulation Make Whole Cost", "Regulation Payment", and "Customer Share of Make Whole Cost".	07.01.2013
Existing.	10.01.2005