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OIR-21-03 Title 20 Section 1623 express terms

Additional submitted attachment is included below.

OIR-21-03 Title 20 Section 1623 express terms

Perhaps the order and reference to the following prescriptive standards should be as shown below?

Section 1623. Load Management Tariff Standard.

1623(a) Marginal Cost Rates. These prescriptive standards requires that a utility develop marginal cost rates and that the utility submit such rates to its rate-approving body.

1623(a) (1) Total marginal cost shall be calculated as the sum of the marginal energy cost, the marginal capacity cost (generation, transmission, and distribution), and any other appropriate time and location dependent marginal costs on a time interval of no more than one hour. Energy cost computations shall reflect locational marginal cost pricing as determined by the associated balancing authority, such as the California Independent System Operator, the Balancing Authority of Northern California, or other balancing authority. Marginal capacity cost computations shall reflect the variations in the probability and value of system reliability of each component (generation, transmission, and distribution). Social cost computations shall reflect, at a minimum, the locational marginal cost of associated greenhouse gas emissions.

1623(a) (2) Within one year of the effective date of these regulations, each utility shall apply to its rate-approving body for approval of at least one marginal cost rate, in accordance with 1623(a) (1), for each customer class.

1623(a) (3) Utilities shall provide the Commission with informational copies of tariff applications when they are submitted to their rate-approving bodies.

1623(b) Publication of Machine-Readable Electricity Rates.

1623(b) (1) The Commission shall maintain public access to the MIDAS database through an Application Programming Interface (API) that, provided a Rate Identification Number (RIN), returns information sufficient to enable automated response to marginal grid signals including price, emergency events, and greenhouse gas emissions. Each customer shall be able to access all rate information applicable to the customer with a single RIN assigned by the utility.

1623(b) (1) Each utility shall upload its composite time-dependent rates applicable to its customers to the Commission's Market Informed Demand Automation Server (MIDAS) database upon each of the following circumstances:

1623(b)(1)(A) no later than three (3) months after the effective date of these standards,

1623(b)(1)(B) each time a rate is approved by the rate-approving body, and

1623(b)(1)(C) each time a rate changes.

1623(b)(2) The composite time dependent rates uploaded to the MIDAS database shall include all applicable time dependent cost components, including, but not limited to, generation, distribution, and transmission.

1623(c) Support Customer Ability to Link Devices to Electricity Rates.

1623(c)(1) Third-party Access. The utilities shall develop a single statewide standard tool for authorized rate data access by third parties that is compatible with each utility's system. The tool shall:

1623(c)(1)(A) Provide the RIN(s) applicable to the customer's premise(s) to third parties authorized and selected by the customer;

1623(c)(1)(B) Provide any RINs, to which the customer is eligible to be switched, to third parties authorized and selected by the customer;

1623(c)(1)(C) Provide estimated average or annual bill amount(s) based on the customer's current rate and any other eligible rate(s) if the utility has an existing rate calculation tool and the customer is eligible for multiple rate structures;

1623(c)(1)(D) Enable the authorized third party to, upon the direction and consent of the customer, modify the customer's applicable rate to be reflected in the next billing cycle according to the utility's standard procedures;

1623(c)(1)(E) Ensure cybersecurity; and

1623(c)(1)(F) Minimize enrollment barriers.

1623(c)(2) The utilities shall submit the single statewide standard tool developed pursuant to Section 1623(c)(1) to the Commission for approval at a Business Meeting.

1623(c)(2)(A) The tool must be submitted within a year of the effective date of these regulations.

1623(c)(2)(B) The Executive Director may extend this deadline upon a showing of good cause.

1623(c)(3) Upon Commission approval the utilities shall implement and maintain the tool developed in Section 1623(c)(1).

1623(c)(4) Customer Access. No later than nine (9) months after the effective date of these standards, each utility shall provide customers access to their RIN(s) on all rate schedules, tariffs, customer billing statements, and online accounts using both text and quick response (QR) or similar machine-readable digital code.

1623(d) Public Programs. Utilities shall encourage mass-market automation of load management through information and programs.

1623(d)(1) No later than eighteen (18) months after the effective date of these standards, each utility shall submit to the Executive Director a list of load flexibility programs deemed cost-effective by the utility. The portfolio of identified programs shall provide any customer with at least one option for automating response to MIDAS signals indicating marginal prices, marginal greenhouse gas emissions, or other Commission-approved marginal signal(s) that enable automated end-use response.

1623(d)(2) Within three (3) years of the effective date of these regulations, each utility shall offer to each of its electricity customers voluntary participation in a marginal cost rate developed according to Section 1623(a) if such rate is approved by the utility's rate-approving body, or a cost-effective program identified according to Section 1623(d)(1) if such rate is not yet approved by the utility's rate-approving body.

1623(d)(3) Each utility shall conduct a public information program to inform and educate the affected customers why marginal cost-based rates and automation are needed, how they will be used, and how these rates can save the customer money.

Note: Authority cited: Sections 25132, 25213, and 25218(e), and 25403.5, Public Resources Code. Reference: Sections 25132 and 25403.5, Public Resources Code, and Section 13300 Business and Professions Code, and Sections 14401, 14402, 14403, 14403.3, and 14403.5 Public Utilities Code.

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