

ASSEMBLY BILL

No. 2234

Introduced by Assembly Member Hill

February 24, 2012

An act to amend Sections 2827 and 2827.8 of the Public Utilities Code, relating to electricity.

LEGISLATIVE COUNSEL'S DIGEST

AB 2234, as introduced, Hill. Electricity net energy metering.

Under existing law, the Public Utilities Commission has regulatory authority over public utilities, including electrical corporations. Existing law, relative to private energy producers, requires every electric utility, as defined, to make available to an eligible customer-generator, as defined, a standard contract or tariff for net energy metering on a first-come-first-served basis until the time that the total rated generating capacity used by eligible customer-generators exceeds 5% of the electric utility's aggregate customer peak demand. The existing definition of an eligible customer-generator requires that the generator be a residential, small commercial, commercial, industrial, or agricultural customer of the electric utility, that the generating facility use a renewable source listed in the definition of a renewable electricity generation facility that is used for purposes of the Renewable Energy Resources Program administered by the State Energy Resources Conservation and Development Commission, that the generating facility have a total capacity of not more than one megawatt, and that it meet certain locational and operational requirements. Existing law authorizes a local publicly owned electric utility to elect to provide co-energy metering, as defined, rather than net energy metering.

This bill would include in the definition of an eligible customer-generator, a public agency customer, as defined, meeting the existing requirements applicable to residential, small commercial, commercial, industrial, or agricultural customers, except that that generation facility have a total capacity of not more than 5 megawatts.

Under existing law, a violation of the Public Utilities Act or any order, decision, rule, direction, demand, or requirement of the commission is a crime.

Because an order of the commission would be required to implement certain of the bill's requirements and a violation of an order or decision of the commission implementing its requirements would be a crime, the bill would impose a state-mandated local program by creating a new crime. Because the bill would expand the net energy metering or co-energy meeting requirements for local publicly owned electric utilities, the bill would impose a state-mandated local program.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for specified reasons.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: yes.

The people of the State of California do enact as follows:

- 1 SECTION 1. Section 2827 of the Public Utilities Code is
- 2 amended to read:
- 3 2827. (a) The Legislature finds and declares that a program
- 4 to provide net energy metering combined with net surplus
- 5 compensation, co-energy metering, and wind energy co-metering
- 6 for eligible customer-generators is one way to encourage substantial
- 7 private investment in renewable energy resources, stimulate in-state
- 8 economic growth, reduce demand for electricity during peak
- 9 consumption periods, help stabilize California's energy supply
- 10 infrastructure, enhance the continued diversification of California's
- 11 energy resource mix, reduce interconnection and administrative
- 12 costs for electricity suppliers, and encourage conservation and
- 13 efficiency.
- 14 (b) As used in this section, the following terms have the
- 15 following meanings:

1 (1) “Co-energy metering” means a program that is the same in
2 all other respects as a net energy metering program, except that
3 the local publicly owned electric utility has elected to apply a
4 generation-to-generation energy and time-of-use credit formula
5 as provided in subdivision (i).

6 (2) “Electrical cooperative” means an electrical cooperative as
7 defined in Section 2776.

8 (3) “Electric utility” means an electrical corporation, a local
9 publicly owned electric utility, or an electrical cooperative, or any
10 other entity, except an electric service provider, that offers electrical
11 service. This section shall not apply to a local publicly owned
12 electric utility that serves more than 750,000 customers and that
13 also conveys water to its customers.

14 (4) (A) “Eligible customer-generator” means a residential
15 customer, small commercial customer as defined in subdivision
16 (h) of Section 331, or commercial, industrial, or agricultural
17 customer of an electric utility, who uses a renewable electrical
18 generation facility, or a combination of those facilities, with a total
19 capacity of not more than one megawatt, that is located on the
20 customer’s owned, leased, or rented premises, and is interconnected
21 and operates in parallel with the electric grid, and is intended
22 primarily to offset part or all of the customer’s own electrical
23 requirements.

24 (B) *“Eligible customer-generator” additionally includes a public*
25 *agency customer of an electric utility that uses a renewable*
26 *electrical generation facility, or a combination of those facilities,*
27 *with a total capacity of not more than five megawatts, that is*
28 *located on premises that are owned, leased, or rented by the public*
29 *agency, and which is interconnected and operates in parallel with*
30 *the electric grid. For purposes of this subparagraph, “public*
31 *agency” means the state, any agency, board, commission, council,*
32 *department, or other entity of state government, the California*
33 *Community Colleges, and each district, campus, branch, and*
34 *function thereof, the California State University, and each campus,*
35 *branch, and function thereof, the University of California, and*
36 *each campus, branch, and function thereof, any county, any city,*
37 *any city and county, any regional agency, any district or special*
38 *district, any school district, and each campus, branch, and function*
39 *thereof, and any other political subdivision or corporation of the*
40 *state.*

(5) “Renewable electrical generation facility” means a facility that generates electricity from a renewable source listed in paragraph (1) of subdivision (a) of Section 25741 of the Public Resources Code. A small hydroelectric generation facility is not an eligible renewable electrical generation facility if it will cause an adverse impact on instream beneficial uses or cause a change in the volume or timing of streamflow.

(6) “Net energy metering” means measuring the difference between the electricity supplied through the electric grid and the electricity generated by an eligible customer-generator and fed back to the electric grid over a 12-month period as described in subdivisions (c) and (h).

(7) “Net surplus customer-generator” means an eligible customer-generator that generates more electricity during a 12-month period than is supplied by the electric utility to the eligible customer-generator during the same 12-month period.

(8) “Net surplus electricity” means all electricity generated by an eligible customer-generator measured in kilowatthours over a 12-month period that exceeds the amount of electricity consumed by that eligible customer-generator.

(9) “Net surplus electricity compensation” means a per kilowatthour rate offered by the electric utility to the net surplus customer-generator for net surplus electricity that is set by the ratemaking authority pursuant to subdivision (h).

(10) “Ratemaking authority” means, for an electrical corporation, the commission, for an electrical cooperative, its ratesetting body selected by its shareholders or members, and for a local publicly owned electric utility, the local elected body responsible for setting the rates of the local publicly owned utility.

(11) “Wind energy co-metering” means any wind energy project greater than 50 kilowatts, but not exceeding ~~one~~ *the* megawatt *limitations for eligible customer-generators specified in paragraph (4)*, where the difference between the electricity supplied through the electric grid and the electricity generated by an eligible customer-generator and fed back to the electric grid over a 12-month period is as described in subdivision (h). Wind energy co-metering shall be accomplished pursuant to Section 2827.8.

(c) (1) Every electric utility shall develop a standard contract or tariff providing for net energy metering, and shall make this standard contract or tariff available to eligible customer-generators,

1 upon request, on a first-come-first-served basis until the time that
2 the total rated generating capacity used by eligible
3 customer-generators exceeds 5 percent of the electric utility's
4 aggregate customer peak demand. Net energy metering shall be
5 accomplished using a single meter capable of registering the flow
6 of electricity in two directions. An additional meter or meters to
7 monitor the flow of electricity in each direction may be installed
8 with the consent of the eligible customer-generator, at the expense
9 of the electric utility, and the additional metering shall be used
10 only to provide the information necessary to accurately bill or
11 credit the eligible customer-generator pursuant to subdivision (h),
12 or to collect generating system performance information for
13 research purposes relative to a renewable electrical generation
14 facility. If the existing electrical meter of an eligible
15 customer-generator is not capable of measuring the flow of
16 electricity in two directions, the eligible customer-generator shall
17 be responsible for all expenses involved in purchasing and
18 installing a meter that is able to measure electricity flow in two
19 directions. If an additional meter or meters are installed, the net
20 energy metering calculation shall yield a result identical to that of
21 a single meter. An eligible customer-generator that is receiving
22 service other than through the standard contract or tariff may elect
23 to receive service through the standard contract or tariff until the
24 electric utility reaches the generation limit set forth in this
25 paragraph. Once the generation limit is reached, only eligible
26 customer-generators that had previously elected to receive service
27 pursuant to the standard contract or tariff have a right to continue
28 to receive service pursuant to the standard contract or tariff.
29 Eligibility for net energy metering does not limit an eligible
30 customer-generator's eligibility for any other rebate, incentive, or
31 credit provided by the electric utility, or pursuant to any
32 governmental program, including rebates and incentives provided
33 pursuant to the California Solar Initiative.

34 (2) An electrical corporation shall include a provision in the net
35 energy metering contract or tariff requiring that any customer with
36 an existing electrical generating facility and meter who enters into
37 a new net energy metering contract shall provide an inspection
38 report to the electrical corporation, unless the electrical generating
39 facility and meter have been installed or inspected within the
40 previous three years. The inspection report shall be prepared by a

1 California licensed contractor who is not the owner or operator of
2 the facility and meter. A California licensed electrician shall
3 perform the inspection of the electrical portion of the facility and
4 meter.

5 (3) (A) On an annual basis, every electric utility shall make
6 available to the ratemaking authority information on the total rated
7 generating capacity used by eligible customer-generators that are
8 customers of that provider in the provider's service area and the
9 net surplus electricity purchased by the electric utility pursuant to
10 this section.

11 (B) An electric service provider operating pursuant to Section
12 394 shall make available to the ratemaking authority the
13 information required by this paragraph for each eligible
14 customer-generator that is their customer for each service area of
15 an electrical corporation, local publicly owned electrical utility,
16 or electrical cooperative, in which the eligible customer-generator
17 has net energy metering.

18 (C) The ratemaking authority shall develop a process for making
19 the information required by this paragraph available to electric
20 utilities, and for using that information to determine when, pursuant
21 to paragraphs (1) and (4), an electric utility is not obligated to
22 provide net energy metering to additional eligible
23 customer-generators in its service area.

24 (4) An electric utility is not obligated to provide net energy
25 metering to additional eligible customer-generators in its service
26 area when the combined total peak demand of all electricity used
27 by eligible customer-generators served by all the electric utilities
28 in that service area furnishing net energy metering to eligible
29 customer-generators exceeds 5 percent of the aggregate customer
30 peak demand of those electric utilities.

31 (d) Every electric utility shall make all necessary forms and
32 contracts for net energy metering and net surplus electricity
33 compensation service available for download from the Internet.

34 (e) (1) Every electric utility shall ensure that requests for
35 establishment of net energy metering and net surplus electricity
36 compensation are processed in a time period not exceeding that
37 for similarly situated customers requesting new electric service,
38 but not to exceed 30 working days from the date it receives a
39 completed application form for net energy metering service or net
40 surplus electricity compensation, including a signed interconnection

1 agreement from an eligible customer-generator and the electric
2 inspection clearance from the governmental authority having
3 jurisdiction.

4 (2) Every electric utility shall ensure that requests for an
5 interconnection agreement from an eligible customer-generator
6 are processed in a time period not to exceed 30 working days from
7 the date it receives a completed application form from the eligible
8 customer-generator for an interconnection agreement.

9 (3) If an electric utility is unable to process a request within the
10 allowable timeframe pursuant to paragraph (1) or (2), it shall notify
11 the eligible customer-generator and the ratemaking authority of
12 the reason for its inability to process the request and the expected
13 completion date.

14 (f) (1) If a customer participates in direct transactions pursuant
15 to paragraph (1) of subdivision (b) of Section 365, or Section 365.1,
16 with an electric service provider that does not provide distribution
17 service for the direct transactions, the electric utility that provides
18 distribution service for the eligible customer-generator is not
19 obligated to provide net energy metering or net surplus electricity
20 compensation to the customer.

21 (2) If a customer participates in direct transactions pursuant to
22 paragraph (1) of subdivision (b) of Section 365 with an electric
23 service provider, and the customer is an eligible
24 customer-generator, the electric utility that provides distribution
25 service for the direct transactions may recover from the customer's
26 electric service provider the incremental costs of metering and
27 billing service related to net energy metering and net surplus
28 electricity compensation in an amount set by the ratemaking
29 authority.

30 (g) Except for the time-variant kilowatthour pricing portion of
31 any tariff adopted by the commission pursuant to paragraph (4) of
32 subdivision (a) of Section 2851, each net energy metering contract
33 or tariff shall be identical, with respect to rate structure, all retail
34 rate components, and any monthly charges, to the contract or tariff
35 to which the same customer would be assigned if the customer did
36 not use a renewable electrical generation facility, except that
37 eligible customer-generators shall not be assessed standby charges
38 on the electrical generating capacity or the kilowatthour production
39 of a renewable electrical generation facility. The charges for all
40 retail rate components for eligible customer-generators shall be

1 based exclusively on the customer-generator's net kilowatthour
2 consumption over a 12-month period, without regard to the eligible
3 customer-generator's choice as to from whom it purchases
4 electricity that is not self-generated. Any new or additional demand
5 charge, standby charge, customer charge, minimum monthly
6 charge, interconnection charge, or any other charge that would
7 increase an eligible customer-generator's costs beyond those of
8 other customers who are not eligible customer-generators in the
9 rate class to which the eligible customer-generator would otherwise
10 be assigned if the customer did not own, lease, rent, or otherwise
11 operate a renewable electrical generation facility is contrary to the
12 intent of this section, and shall not form a part of net energy
13 metering contracts or tariffs.

14 (h) For eligible customer-generators, the net energy metering
15 calculation shall be made by measuring the difference between
16 the electricity supplied to the eligible customer-generator and the
17 electricity generated by the eligible customer-generator and fed
18 back to the electric grid over a 12-month period. The following
19 rules shall apply to the annualized net metering calculation:

20 (1) The eligible residential or small commercial
21 customer-generator, at the end of each 12-month period following
22 the date of final interconnection of the eligible
23 customer-generator's system with an electric utility, and at each
24 anniversary date thereafter shall, be billed for electricity used
25 during that 12-month period. The electric utility shall determine
26 if the eligible residential or small commercial customer-generator
27 was a net consumer or a net surplus customer-generator during
28 that period.

29 (2) At the end of each 12-month period, where the electricity
30 supplied during the period by the electric utility exceeds the
31 electricity generated by the eligible residential or small commercial
32 customer-generator during that same period, the eligible residential
33 or small commercial customer-generator is a net electricity
34 consumer and the electric utility shall be owed compensation for
35 the eligible customer-generator's net kilowatthour consumption
36 over that 12-month period. The compensation owed for the eligible
37 residential or small commercial customer-generator's consumption
38 shall be calculated as follows:

39 (A) For all eligible customer-generators taking service under
40 contracts or tariffs employing "baseline" and "over baseline" rates,

1 any net monthly consumption of electricity shall be calculated
2 according to the terms of the contract or tariff to which the same
3 customer would be assigned to, or be eligible for, if the customer
4 was not an eligible customer-generator. If those same
5 customer-generators are net generators over a billing period, the
6 net kilowatthours generated shall be valued at the same price per
7 kilowatthour as the electric utility would charge for the baseline
8 quantity of electricity during that billing period, and if the number
9 of kilowatthours generated exceeds the baseline quantity, the excess
10 shall be valued at the same price per kilowatthour as the electric
11 utility would charge for electricity over the baseline quantity during
12 that billing period.

13 (B) For all eligible customer-generators taking service under
14 contracts or tariffs employing time-of-use rates, any net monthly
15 consumption of electricity shall be calculated according to the
16 terms of the contract or tariff to which the same customer would
17 be assigned, or be eligible for, if the customer was not an eligible
18 customer-generator. When those same customer-generators are
19 net generators during any discrete time-of-use period, the net
20 kilowatthours produced shall be valued at the same price per
21 kilowatthour as the electric utility would charge for retail
22 kilowatthour sales during that same time-of-use period. If the
23 eligible customer-generator's time-of-use electrical meter is unable
24 to measure the flow of electricity in two directions, paragraph (1)
25 of subdivision (c) shall apply.

26 (C) For all eligible residential and small commercial
27 customer-generators and for each billing period, the net balance
28 of moneys owed to the electric utility for net consumption of
29 electricity or credits owed to the eligible customer-generator for
30 net generation of electricity shall be carried forward as a monetary
31 value until the end of each 12-month period. For all eligible
32 commercial, industrial, and agricultural customer-generators, the
33 net balance of moneys owed shall be paid in accordance with the
34 electric utility's normal billing cycle, except that if the eligible
35 commercial, industrial, or agricultural customer-generator is a net
36 electricity producer over a normal billing cycle, any excess
37 kilowatthours generated during the billing cycle shall be carried
38 over to the following billing period as a monetary value, calculated
39 according to the procedures set forth in this section, and appear as
40 a credit on the eligible commercial, industrial, or agricultural

customer-generator's account, until the end of the annual period when paragraph (3) shall apply.

(3) At the end of each 12-month period, where the electricity generated by the eligible customer-generator during the 12-month period exceeds the electricity supplied by the electric utility during that same period, the eligible customer-generator is a net surplus customer-generator and the electric utility, upon an affirmative election by the net surplus customer-generator, shall either (A) provide net surplus electricity compensation for any net surplus electricity generated during the prior 12-month period, or (B) allow the net surplus customer-generator to apply the net surplus electricity as a credit for kilowatthours subsequently supplied by the electric utility to the net surplus customer-generator. For an eligible customer-generator that does not affirmatively elect to receive service pursuant to net surplus electricity compensation, the electric utility shall retain any excess kilowatthours generated during the prior 12-month period. The eligible customer-generator not affirmatively electing to receive service pursuant to net surplus electricity compensation shall not be owed any compensation for the net surplus electricity unless the electric utility enters into a purchase agreement with the eligible customer-generator for those excess kilowatthours. Every electric utility shall provide notice to eligible customer-generators that they are eligible to receive net surplus electricity compensation for net surplus electricity, that they must elect to receive net surplus electricity compensation, and that the 12-month period commences when the electric utility receives the eligible customer-generator's election. For an electric utility that is an electrical corporation or electrical cooperative, the commission may adopt requirements for providing notice and the manner by which eligible customer-generators may elect to receive net surplus electricity compensation.

(4) (A) The ratemaking authority shall establish a net surplus electricity compensation valuation to compensate the net surplus customer-generator for the value of net surplus electricity generated by the net surplus customer-generator. The commission shall establish the valuation in a ratemaking proceeding. The ratemaking authority for a local publicly owned electric utility shall establish the valuation in a public proceeding. The net surplus electricity compensation valuation shall be established so as to provide the net surplus customer-generator just and reasonable compensation

1 for the value of net surplus electricity, while leaving other
2 ratepayers unaffected. The ratemaking authority shall determine
3 whether the compensation will include, where appropriate
4 justification exists, either or both of the following components:

5 (i) The value of the electricity itself.

6 (ii) The value of the renewable attributes of the electricity.

7 (B) In establishing the rate pursuant to subparagraph (A), the
8 ratemaking authority shall ensure that the rate does not result in a
9 shifting of costs between eligible customer-generators and other
10 bundled service customers.

11 (5) (A) Upon adoption of the net surplus electricity
12 compensation rate by the ratemaking authority, any renewable
13 energy credit, as defined in Section 399.12, for net surplus
14 electricity purchased by the electric utility shall belong to the
15 electric utility. Any renewable energy credit associated with
16 electricity generated by the eligible customer-generator that is
17 utilized by the eligible customer-generator shall remain the property
18 of the eligible customer-generator.

19 (B) Upon adoption of the net surplus electricity compensation
20 rate by the ratemaking authority, the net surplus electricity
21 purchased by the electric utility shall count toward the electric
22 utility's renewables portfolio standard annual procurement targets
23 for the purposes of paragraph (1) of subdivision (b) of Section
24 399.15, or for a local publicly owned electric utility, the renewables
25 portfolio standard annual procurement targets established pursuant
26 to Section 387.

27 (6) The electric utility shall provide every eligible residential
28 or small commercial customer-generator with net electricity
29 consumption and net surplus electricity generation information
30 with each regular bill. That information shall include the current
31 monetary balance owed the electric utility for net electricity
32 consumed, or the net surplus electricity generated, since the last
33 12-month period ended. Notwithstanding this subdivision, an
34 electric utility shall permit that customer to pay monthly for net
35 energy consumed.

36 (7) If an eligible residential or small commercial
37 customer-generator terminates the customer relationship with the
38 electric utility, the electric utility shall reconcile the eligible
39 customer-generator's consumption and production of electricity
40 during any part of a 12-month period following the last

1 reconciliation, according to the requirements set forth in this
2 subdivision, except that those requirements shall apply only to the
3 months since the most recent 12-month bill.

4 (8) If an electric service provider or electric utility providing
5 net energy metering to a residential or small commercial
6 customer-generator ceases providing that electric service to that
7 customer during any 12-month period, and the customer-generator
8 enters into a new net energy metering contract or tariff with a new
9 electric service provider or electric utility, the 12-month period,
10 with respect to that new electric service provider or electric utility,
11 shall commence on the date on which the new electric service
12 provider or electric utility first supplies electric service to the
13 customer-generator.

14 (i) Notwithstanding any other provisions of this section,
15 paragraphs (1), (2), and (3) shall apply to an eligible
16 customer-generator with a capacity of more than 10 kilowatts, but
17 not exceeding ~~one~~ *the megawatt limitations for eligible*
18 *customer-generators specified in paragraph (4) of subdivision (b)*,
19 that receives electric service from a local publicly owned electric
20 utility that has elected to utilize a co-energy metering program
21 unless the local publicly owned electric utility chooses to provide
22 service for eligible customer-generators with a capacity of more
23 than 10 kilowatts in accordance with subdivisions (g) and (h):

24 (1) The eligible customer-generator shall be required to utilize
25 a meter, or multiple meters, capable of separately measuring
26 electricity flow in both directions. All meters shall provide
27 time-of-use measurements of electricity flow, and the customer
28 shall take service on a time-of-use rate schedule. If the existing
29 meter of the eligible customer-generator is not a time-of-use meter
30 or is not capable of measuring total flow of electricity in both
31 directions, the eligible customer-generator shall be responsible for
32 all expenses involved in purchasing and installing a meter that is
33 both time-of-use and able to measure total electricity flow in both
34 directions. This subdivision shall not restrict the ability of an
35 eligible customer-generator to utilize any economic incentives
36 provided by a governmental agency or an electric utility to reduce
37 its costs for purchasing and installing a time-of-use meter.

38 (2) The consumption of electricity from the local publicly owned
39 electric utility shall result in a cost to the eligible
40 customer-generator to be priced in accordance with the standard

rate charged to the eligible customer-generator in accordance with the rate structure to which the customer would be assigned if the customer did not use a renewable electrical generation facility. The generation of electricity provided to the local publicly owned electric utility shall result in a credit to the eligible customer-generator and shall be priced in accordance with the generation component, established under the applicable structure to which the customer would be assigned if the customer did not use a renewable electrical generation facility.

(3) All costs and credits shall be shown on the eligible customer-generator's bill for each billing period. In any months in which the eligible customer-generator has been a net consumer of electricity calculated on the basis of value determined pursuant to paragraph (2), the customer-generator shall owe to the local publicly owned electric utility the balance of electricity costs and credits during that billing period. In any billing period in which the eligible customer-generator has been a net producer of electricity calculated on the basis of value determined pursuant to paragraph (2), the local publicly owned electric utility shall owe to the eligible customer-generator the balance of electricity costs and credits during that billing period. Any net credit to the eligible customer-generator of electricity costs may be carried forward to subsequent billing periods, provided that a local publicly owned electric utility may choose to carry the credit over as a kilowatthour credit consistent with the provisions of any applicable contract or tariff, including any differences attributable to the time of generation of the electricity. At the end of each 12-month period, the local publicly owned electric utility may reduce any net credit due to the eligible customer-generator to zero.

(j) A renewable electrical generation facility used by an eligible customer-generator shall meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, and accredited testing laboratories, including Underwriters Laboratories Incorporated and, where applicable, rules of the commission regarding safety and reliability. A customer-generator whose renewable electrical generation facility meets those standards and rules shall not be required to install additional controls, perform or pay for additional tests, or purchase additional liability insurance.

(k) If the commission determines that there are cost or revenue obligations for an electrical corporation that may not be recovered from customer-generators acting pursuant to this section, those obligations shall remain within the customer class from which any shortfall occurred and shall not be shifted to any other customer class. Net energy metering and co-energy metering customers shall not be exempt from the public goods charges imposed pursuant to Article 7 (commencing with Section 381), Article 8 (commencing with Section 385), or Article 15 (commencing with Section 399) of Chapter 2.3 of Part 1.

(l) A net energy metering, co-energy metering, or wind energy co-metering customer shall reimburse the Department of Water Resources for all charges that would otherwise be imposed on the customer by the commission to recover bond-related costs pursuant to an agreement between the commission and the Department of Water Resources pursuant to Section 80110 of the Water Code, as well as the costs of the department equal to the share of the department's estimated net unavoidable power purchase contract costs attributable to the customer. The commission shall incorporate the determination into an existing proceeding before the commission, and shall ensure that the charges are nonbypassable. Until the commission has made a determination regarding the nonbypassable charges, net energy metering, co-energy metering, and wind energy co-metering shall continue under the same rules, procedures, terms, and conditions as were applicable on December 31, 2002.

(m) In implementing the requirements of subdivisions (k) and (l), an eligible customer-generator shall not be required to replace its existing meter except as set forth in paragraph (1) of subdivision (c), nor shall the electric utility require additional measurement of usage beyond that which is necessary for customers in the same rate class as the eligible customer-generator.

(n) It is the intent of the Legislature that the Treasurer incorporate net energy metering, including net surplus electricity compensation, co-energy metering, and wind energy co-metering projects undertaken pursuant to this section as sustainable building methods or distributive energy technologies for purposes of evaluating low-income housing projects.

SEC. 2. Section 2827.8 of the Public Utilities Code is amended to read:

2827.8. Notwithstanding any other provisions of this article, the following provisions apply to an eligible customer-generator utilizing wind energy co-metering with a capacity of more than 50 kilowatts, but not exceeding ~~one~~ *the megawatt limitations for eligible customer-generators specified in paragraph (4) of subdivision (b) of Section 2827*, unless approved by the electric service provider utility.

(a) The eligible customer-generator shall be required to utilize a meter, or multiple meters, capable of separately measuring electricity flow in both directions. All meters shall provide “time-of-use” measurements of electricity flow, and the customer shall take service on a time-of-use rate schedule. If the existing meter of the eligible customer-generator is not a time-of-use meter or is not capable of measuring total flow of energy in both directions, the eligible customer-generator is responsible for all expenses involved in purchasing and installing a meter that is both time-of-use and able to measure total electricity flow in both directions. This subdivision shall not restrict the ability of an eligible customer-generator to utilize any economic incentives provided by a government agency or the electric ~~service provider~~ utility to reduce its costs for purchasing and installing a time-of-use meter.

(b) The consumption of electricity from the electric service provider for wind energy co-metering by an eligible customer-generator shall be priced in accordance with the standard rate charged to the eligible customer-generator in accordance with the rate structure to which the customer would be assigned if the customer did not use an eligible wind electrical generating facility. The generation of electricity provided to the electric service provider shall result in a credit to the eligible customer-generator and shall be priced in accordance with the generation component, excluding surcharges to cover the purchase of power by the Department of Water Resources, established under the applicable structure to which the customer would be assigned if the customer did not use an eligible wind electrical generating facility.

SEC. 3. No reimbursement is required by this act pursuant to Section 6 of Article XIII B of the California Constitution because a local agency or school district has the authority to levy service charges, fees, or assessments sufficient to pay for the program or level of service mandated by this act or because costs that may be

1 incurred by a local agency or school district will be incurred
2 because this act creates a new crime or infraction, eliminates a
3 crime or infraction, or changes the penalty for a crime or infraction,
4 within the meaning of Section 17556 of the Government Code, or
5 changes the definition of a crime within the meaning of Section 6
6 of Article XIII B of the California Constitution.

O