

AMENDED IN ASSEMBLY SEPTEMBER 6, 2013

AMENDED IN ASSEMBLY SEPTEMBER 3, 2013

AMENDED IN ASSEMBLY AUGUST 6, 2013

AMENDED IN ASSEMBLY JUNE 15, 2013

AMENDED IN SENATE MAY 28, 2013

AMENDED IN SENATE MAY 24, 2013

AMENDED IN SENATE MAY 15, 2013

AMENDED IN SENATE MAY 8, 2013

AMENDED IN SENATE APRIL 1, 2013

**SENATE BILL**

**No. 43**

---

---

**Introduced by Senator Wolk**

**(Coauthors: Senators Corbett and Pavley)**

(Coauthors: Assembly Members Levine, Skinner, and Williams)

December 11, 2012

---

---

An act to add and repeal Chapter 7.6 (commencing with Section 2831) of Part 2 of Division 1 of the Public Utilities Code, relating to energy.

LEGISLATIVE COUNSEL'S DIGEST

SB 43, as amended, Wolk. Electricity: Green Tariff Shared Renewables Program.

(1) Under existing law, the Public Utilities Commission has regulatory jurisdiction over public utilities, including electrical corporations, as defined. Existing law authorizes the commission to fix the rates and charges for every public utility, and requires that those

rates and charges be just and reasonable. Under existing law, the local government renewable energy self-generation program authorizes a local government to receive a bill credit to be applied to a designated benefiting account for electricity exported to the electrical grid by an eligible renewable generating facility, as defined, and requires the commission to adopt a rate tariff for the benefiting account.

This bill would enact the Green Tariff Shared Renewables Program. The program would require a participating utility, defined as being an electrical corporation with 100,000 or more customers in California, to file with the commission an application requesting approval of a green tariff shared renewable program to implement a program enabling ratepayers to participate directly in offsite electrical generation facilities that use eligible renewable energy resources, consistent with certain legislative findings and statements of intent. The bill would require the commission, by July 1, 2014, to issue a decision concerning the participating utility's application, determining whether to approve or disapprove the application, with or without modifications. The bill would require the commission, after notice and opportunity for public comment, to approve the application if the commission determines that the proposed program is reasonable and consistent with the legislative findings and statements of intent. The bill would require the commission to require that a participating utility's green tariff shared renewables program be administered in accordance with specified provisions. The bill would repeal the program on January 1, 2019.

(2) 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 the provisions of the bill would require action by the commission to implement its requirements, a violation of these provisions would impose a state-mandated local program by expanding the definition of a crime.

(3) 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 a specified reason.

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. Chapter 7.6 (commencing with Section 2831) is  
2 added to Part 2 of Division 1 of the Public Utilities Code, to read:

3  
4 CHAPTER 7.6. GREEN TARIFF SHARED RENEWABLES PROGRAM  
5

6 2831. The Legislature finds and declares all of the following:

7 (a) Building operational generating facilities that utilize sources  
8 of renewable energy within California, to supply the state's demand  
9 for electricity, provides significant financial, health, environmental,  
10 and workforce benefits to the State of California.

11 (b) The California Solar Initiative will achieve its goals, resulting  
12 in over 150,000 residential and commercial onsite installations of  
13 solar energy systems. However, the California Solar Initiative  
14 cannot reach all residents and businesses that want to participate  
15 and is limited to only solar energy systems and not other eligible  
16 renewable energy resources. A green tariff shared renewables  
17 program seeks to build on the success of the California Solar  
18 Initiative by expanding access to all eligible renewable energy  
19 resources to all ratepayers who are currently unable to access the  
20 benefits of onsite generation.

21 (c) There is widespread interest from many large institutional  
22 customers, including schools, colleges, universities, local  
23 governments, businesses, and the military, for the development of  
24 generation facilities that are eligible renewable energy resources  
25 to serve more than 33 percent of their energy needs.

26 (d) Public institutions will benefit from a green tariff shared  
27 renewables program's enhanced flexibility to participate in shared  
28 generation facilities that are eligible renewable energy resources.

29 (e) Building operational generating facilities that are eligible  
30 renewable energy resources creates jobs, reduces emissions of  
31 greenhouse gases, and promotes energy independence.

32 (f) Many large energy users in California have pursued onsite  
33 electrical generation from eligible renewable energy resources,  
34 but cannot achieve their goals due to rooftop or land space  
35 limitations, or size limits on net energy metering. The enactment  
36 of this chapter will create a mechanism whereby institutional  
37 customers, such as military installations, universities, and local  
38 governments, as well as commercial customers and groups of

1 individuals, can meet their needs with electrical generation from  
2 eligible renewable energy resources.

3 (g) It is the intent of the Legislature that a green tariff shared  
4 renewables program be implemented in such a manner that  
5 facilitates a large, sustainable market for offsite electrical  
6 generation from facilities that are eligible renewable energy  
7 resources, while fairly compensating electrical corporations for  
8 the services they provide, without affecting nonparticipating  
9 ratepayers.

10 (h) It is the further intent of the Legislature that a green tariff  
11 shared renewables program be implemented in a manner that  
12 ensures nonparticipating ratepayer indifference for the remaining  
13 bundled service, direct access, and community choice aggregation  
14 customers.

15 2831.5. (a) This chapter shall be known, and may be cited, as  
16 the Green Tariff Shared Renewables Program.

17 (b) For purposes of this chapter, the following terms have the  
18 following meanings:

19 (1) “Eligible renewable energy resource,” “renewable energy  
20 credit,” and “renewables portfolio standard” have the same meaning  
21 as those terms have for the California Renewables Portfolio  
22 Standard Program (Article 16 (commencing with Section 399.11)  
23 of Chapter 2.3 of Part 1).

24 (2) “Participating utility” means an electrical corporation with  
25 100,000 or more customer accounts in California.

26 2832. (a) On or before March 1, 2014, a participating utility  
27 shall file with the commission an application requesting approval  
28 of a green tariff shared renewables program to implement a  
29 program that the utility determines is consistent with the legislative  
30 findings and statements of intent of Section 2831. Nothing in this  
31 chapter limits an electrical corporation with less than 100,000  
32 customer accounts in California from filing an application with  
33 the commission to administer a green tariff shared renewables  
34 program that is consistent with the legislative findings and  
35 statements of intent of Section 2831.

36 (b) On or before July 1, 2014, the commission shall issue a  
37 decision on the participating utility’s application for a green tariff  
38 shared renewables program, determining whether to approve or  
39 disapprove it, with or without modifications.

1 (c) After notice and an opportunity for public comment, the  
2 commission shall approve an application by a participating utility  
3 for a green tariff shared renewables program if the commission  
4 determines that the program is reasonable and consistent with the  
5 legislative findings and statements of intent of Section 2831.

6 (d) The requirements of this chapter shall not apply to an  
7 electrical corporation that, prior to May 1, 2013, filed an  
8 application with the commission to have a green tariff shared  
9 renewables program, or an equivalent program of whatever name,  
10 provided the commission approves the application with a  
11 determination that the program does not shift costs to  
12 nonparticipating customers and the application is consistent with  
13 this chapter. If the commission has approved a settlement  
14 agreement relative to parties contesting an application filed prior  
15 to May 1, 2013, the requirements of this section shall not apply if  
16 the commission, within a reasonable period of time, requires  
17 revisions to the previously approved settlement agreement that  
18 requires the program to be consistent with this chapter.

19 2833. (a) The commission shall require a green tariff shared  
20 renewables program to be administered by a participating utility  
21 in accordance with this section.

22 (b) Generating facilities participating in a participating utility's  
23 green tariff shared renewables program shall be eligible renewable  
24 energy resources with a nameplate rated generating capacity not  
25 exceeding 20 megawatts, except for those generating facilities  
26 reserved for location in areas identified by the California  
27 Environmental Protection Agency as the most impacted and  
28 disadvantaged communities pursuant to paragraph (1) of  
29 subdivision (d), which shall not exceed one megawatt nameplate  
30 rated generating capacity.

31 (c) A participating utility shall use commission-approved tools  
32 and mechanisms to procure additional eligible renewable energy  
33 resources for the green tariff shared renewables program from  
34 electrical generation facilities that are in addition to those required  
35 by the California Renewables Portfolio Standard Program (Article  
36 16 (commencing with Section 399.11) of Chapter 2.3 of Part 1).  
37 For purposes of this subdivision, "commission-approved tools and  
38 mechanisms" means those procurement methods approved by the  
39 commission for an electrical corporation to procure eligible  
40 renewable energy resources for purposes of meeting the

1 procurement requirements of the California Renewables Portfolio  
2 Standard Program (Article 16 (commencing with Section 399.11)  
3 of Chapter 2.3 of Part 1).

4 (d) A participating utility shall permit customers within the  
5 service territory of the utility to purchase electricity pursuant to  
6 the tariff approved by the commission to implement the utility's  
7 green tariff shared renewables program, until the utility meets its  
8 proportionate share of a statewide limitation of 600 megawatts of  
9 customer participation, measured by nameplate rated generating  
10 capacity. The proportionate share shall be calculated based on the  
11 ratio of each participating utility's retail sales to total retail sales  
12 of electricity by all participating utilities. The commission may  
13 place other restrictions on purchases under a green tariff shared  
14 renewables program, including restricting participation to a certain  
15 level of capacity each year. The following restrictions shall apply  
16 to the statewide 600 megawatt limitation:

17 (1) (A) One hundred megawatts shall be reserved for facilities  
18 that are no larger than one megawatt nameplate rated generating  
19 capacity and that are located in areas previously identified by the  
20 California Environmental Protection Agency as the most impacted  
21 and disadvantaged communities. These communities shall be  
22 identified by census tract, and shall be determined to be the most  
23 impacted 20 percent based on results from the best available  
24 cumulative impact screening methodology designed to identify  
25 each of the following:

26 (i) Areas disproportionately affected by environmental pollution  
27 and other hazards that can lead to negative public health effects,  
28 exposure, or environmental degradation.

29 (ii) Areas with socioeconomic vulnerability.

30 (B) (1) For purposes of this paragraph, "previously identified"  
31 means identified prior to commencing construction of the facility.

32 (2) Not less than 100 megawatts shall be reserved for  
33 participation by residential class customers.

34 (3) Twenty megawatts shall be reserved for the City of Davis.

35 (e) To the extent possible, a participating utility shall seek to  
36 procure eligible renewable energy resources that are located in  
37 reasonable proximity to enrolled participants.

38 (f) A participating utility's green tariff shared renewables  
39 program shall support diverse procurement and the goals of  
40 commission General Order 156.

1 (g) A participating utility’s green tariff shared renewables  
2 program shall not allow a customer to subscribe to more than 100  
3 percent of the customer’s electricity demand.

4 (h) Except as authorized by this subdivision, a participating  
5 utility’s green tariff shared renewables program shall not allow a  
6 customer to subscribe to more than two megawatts of nameplate  
7 generating capacity. This limitation does not apply to a federal,  
8 state, or local government, school or school district, county office  
9 of education, the California Community Colleges, the California  
10 State University, or the University of California.

11 (i) A participating utility’s green tariff shared renewables  
12 program shall not allow any single entity or its affiliates or  
13 subsidiaries to subscribe to more than 20 percent of any single  
14 calendar year’s total cumulative rated generating capacity.

15 (j) To the extent possible, a participating utility shall actively  
16 market the utility’s green tariff shared renewables program to  
17 low-income and minority communities and customers.

18 (k) Participating customers shall receive bill credits for the  
19 generation of a participating eligible renewable energy resource  
20 using the class average retail generation cost as established in the  
21 participating utility’s approved tariff for the class to which the  
22 participating customer belongs, plus a renewables adjustment value  
23 representing the difference between the time-of-delivery profile  
24 of the eligible renewable energy resource used to serve the  
25 participating customer and the class average time-of-delivery  
26 profile and the resource adequacy value, if any, of the resource  
27 contained in the utility’s green tariff shared renewables program.  
28 The renewables adjustment value applicable to a time-of-delivery  
29 profile of an eligible renewable energy resource shall be determined  
30 according to rules adopted by the commission. For these purposes,  
31 “time-of-delivery profile” refers to the daily generating pattern of  
32 a participating eligible renewable energy resource over time, the  
33 value of which is determined by comparing the generating pattern  
34 of that participating eligible renewable energy resource to the  
35 demand for electricity over time and other generating resources  
36 available to serve that demand.

37 (l) Participating customers shall pay a renewable generation  
38 rate established by the commission, the administrative costs of the  
39 participating utility, and any other charges the commission  
40 determines are just and reasonable to fully cover the cost of

1 procuring a green tariff shared renewables program's resources to  
2 serve a participating customer's needs.

3 (m) A participating customer's rates shall be debited or credited  
4 with any other commission-approved costs or values applicable  
5 to the eligible renewable energy resources contained in a  
6 participating utility's green tariff shared renewables program's  
7 portfolio. These additional costs or values shall be applied to new  
8 customers when they initially subscribe after the cost or value has  
9 been approved by the commission.

10 (n) Participating customers shall pay all otherwise applicable  
11 charges without modification.

12 (o) A participating utility shall provide support for enhanced  
13 community renewables programs to facilitate development of  
14 eligible renewable energy resource projects located close to the  
15 source of demand.

16 (p) The commission shall ensure that charges and credits  
17 associated with a participating utility's green tariff shared  
18 renewables program are set in a manner that ensures nonparticipant  
19 ratepayer indifference for the remaining bundled service, direct  
20 access, and community choice aggregation customers and ensures  
21 that no costs are shifted from participating customers to  
22 nonparticipating ratepayers.

23 (q) A participating utility shall track and account for all revenues  
24 and costs to ensure that the utility recovers the actual costs of the  
25 utility's green tariff shared renewables program and that all costs  
26 and revenues are fully transparent and auditable.

27 (r) Any renewable energy credits associated with electricity  
28 procured by a participating utility for the utility's green tariff shared  
29 renewables program and utilized by a participating customer shall  
30 be retired by the participating utility on behalf of the participating  
31 customer. Those renewable energy credits shall not be further sold,  
32 transferred, or otherwise monetized for any purpose. Any  
33 renewable energy credits associated with electricity procured by  
34 a participating utility for the shared renewable energy  
35 self-generation program, but not utilized by a participating  
36 customer, shall be counted toward meeting that participating  
37 utility's renewables portfolio standard.

38 (s) A participating utility shall, in the event of participant  
39 customer attrition or other causes that reduce customer participation  
40 or electrical demand below generation levels, apply the excess



1 generation from the eligible renewable energy resources procured  
2 through the utility’s green tariff shared renewables program to the  
3 utility’s renewable portfolio standard procurement obligations or  
4 bank the excess generation for future use to benefit all customers  
5 in accordance with the renewables portfolio standard banking and  
6 procurement rules approved by the commission.

7 (t) In calculating its procurement requirements to meet the  
8 requirements of the California Renewables Portfolio Standard  
9 Program (Article 16 (commencing with Section 399.11) of Chapter  
10 2.3 of Part 1), a participating utility may exclude from total retail  
11 sales the kilowatthours generated by an eligible renewable energy  
12 resource that is credited to a participating customer pursuant to  
13 the utility’s green tariff shared renewables program, commencing  
14 with the point in time at which the generating facility achieves  
15 commercial operation.

16 (u) All renewable energy resources procured on behalf of  
17 participating customers in the participating utility’s green tariff  
18 shared renewables program shall comply with the State Air  
19 Resources Board’s Voluntary Renewable Electricity Program.  
20 California-eligible greenhouse gas allowances associated with  
21 these purchases shall be retired on behalf of participating customers  
22 as part of the board’s Voluntary Renewable Electricity Program.

23 (v) A participating utility shall provide a municipality with  
24 aggregated consumption data for participating customers within  
25 the municipality’s jurisdiction to allow for reporting on progress  
26 toward climate action goals by the municipality. A participating  
27 utility shall also publicly disclose, on a geographic basis,  
28 consumption data and reductions in emissions of greenhouse gases  
29 achieved by participating customers in the utility’s green tariff  
30 shared renewables program, on an aggregated basis consistent with  
31 privacy protections as specified in Chapter 5 (commencing with  
32 Section 8380) of Division 4.1.

33 ~~(w) Shareholders of a participating utility shall not be required~~  
34 ~~to pay for any costs associated with the green tariff shared~~  
35 ~~renewables program.~~

36 ~~(x)~~

37 (w) Nothing in this section prohibits or restricts a community  
38 choice aggregator from offering its own voluntary renewable  
39 energy programs to participating customers of the community  
40 choice aggregation.

1 2834. This chapter shall remain in effect only until January 1,  
2 2019, and as of that date is repealed, unless a later enacted statute,  
3 that is enacted before January 1, 2019, deletes or extends that date.

4 SEC. 2. No reimbursement is required by this act pursuant to  
5 Section 6 of Article XIII B of the California Constitution because  
6 the only costs that may be incurred by a local agency or school  
7 district will be incurred because this act creates a new crime or  
8 infraction, eliminates a crime or infraction, or changes the penalty  
9 for a crime or infraction, within the meaning of Section 17556 of  
10 the Government Code, or changes the definition of a crime within  
11 the meaning of Section 6 of Article XIII B of the California  
12 Constitution.