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## HOUSE BILL NO. 832

Offered January 12, 2022

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A *BILL to amend and reenact § 56-594.3 of the Code of Virginia, relating to electric utilities; shared solar programs.*

\_\_\_\_\_  
Patron—Wilt

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Referred to Committee on Commerce and Energy

**Be it enacted by the General Assembly of Virginia:****1. That § 56-594.3 of the Code of Virginia is amended and reenacted as follows:****§ 56-594.3. Shared solar programs.**

A. As used in this section:

"Applicable bill credit rate" means the dollar-per-kilowatt-hour rate used to calculate the subscriber's bill credit.

"Bill credit" means the monetary value of the electricity, in kilowatt-hours, generated by the shared solar facility allocated to a subscriber to offset that subscriber's electricity bill.

"Investor-owned utility" means each investor-owned utility in the Commonwealth.

"Low-income customer" means any person or household whose income is no more than 80 percent of the median income of the locality in which the customer resides. The median income of the locality is determined by the U.S. Department of Housing and Urban Development.

"Low-income service organization" means a nonresidential customer of an investor-owned utility whose primary purpose is to serve low-income individuals and households.

"Low-income shared solar facility" means a shared solar facility at least 30 percent of the capacity of which is subscribed by low-income customers or low-income service organizations.

"Minimum bill" means an amount determined by the Commission under subsection D that subscribers are required to, at a minimum, pay on their utility bill each month after accounting for any bill credits.

"Phase I Utility" and "Phase II Utility" ~~has~~ have the same meaning as provided in subdivision A 1 of § 56-585.1.

"Shared solar facility" means a facility that:

1. Generates electricity by means of a solar photovoltaic device with a nameplate capacity rating that does not exceed 5,000 kilowatts of alternating current;

2. Is located in the service territory of an investor-owned electric utility;

3. Is connected to the electric distribution grid serving the Commonwealth;

4. Has at least three subscribers;

5. Has at least 40 percent of its capacity subscribed by customers with subscriptions of 25 kilowatts or less; and

6. Is located on a single parcel of land; and

7. Has at least 30 percent of its capacity, or savings equivalent, allocated to low-income customers or low-income service organizations. Subscriber organizations shall be allowed to demonstrate compliance with the low-income requirement using either project capacity or project savings methodology. The Commission shall collaborate with the Department of Energy to adopt mechanisms to ensure low-income customer participation.

"Shared solar program" or "program" means the program created through the adoption of rules to allow for the development of shared solar facilities.

"Subscriber" means a retail customer of a utility that (i) ~~owns~~ is in possession of one or more subscriptions of a shared solar facility that is interconnected with the utility and (ii) receives service in the service territory of the same utility in whose service territory the shared solar facility is located.

"Subscriber organization" means any for-profit or nonprofit entity that owns or operates one or more shared solar facilities. A subscriber organization shall not be considered a utility solely as a result of its ownership or operation of a shared solar facility.

"Subscription" means a contract or other agreement between a subscriber and the owner of a shared solar facility. A subscription shall be sized such that the estimated bill credits do not exceed the subscriber's average annual bill for the customer account to which the subscription is attributed.

"Utility" means a ~~Phase II Utility~~ an incumbent investor-owned utility, notwithstanding subsection G of § 56-580 or any other provision of law.

B. The Commission shall establish by regulation a program that affords customers of a ~~Phase II~~

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59 ~~Utility~~ utility the opportunity to participate in shared solar projects. Under its shared solar program, a  
60 utility shall provide a bill credit for the proportional output of a shared solar facility attributable to that  
61 subscriber. The shared solar program shall be administered as follows:

62 1. The value of the bill credit for the subscriber shall be calculated by multiplying the subscriber's  
63 portion of the kilowatt-hour electricity production from the shared solar facility by the applicable bill  
64 credit rate for the subscriber. Any amount of the bill credit that exceeds the subscriber's monthly bill,  
65 minus the minimum bill, shall be carried over and applied to the next month's bill.

66 2. The utility shall provide bill credits to a shared solar facility's subscribers for not less than 25  
67 years from the date the shared solar facility becomes commercially operational.

68 3. The subscriber organization shall, on a monthly basis, in a standardized electronic format, and  
69 pursuant to guidelines established by the Commission, provide to the utility a subscriber list indicating  
70 the kilowatt-hours of generation attributable to each of the subscribers participating in a shared solar  
71 facility in accordance with the subscriber's portion of the output of the shared solar facility.

72 4. Subscriber lists may be updated monthly to reflect canceling subscribers and to add new  
73 subscribers. The utility shall apply bill credits to subscriber bills within two billing cycles following the  
74 cycle during which the energy was generated by the shared solar facility.

75 5. Each utility shall, on a monthly basis and in a standardized electronic format, provide to the  
76 subscriber organization a report indicating the total value of bill credits generated by the shared solar  
77 facility in the prior month, as well as the amount of the bill credit applied to each subscriber.

78 6. A subscriber organization may accumulate bill credits in the event that all of the electricity  
79 generated by a shared solar facility is not allocated to subscribers in a given month. On an annual basis  
80 and pursuant to guidelines established by the Commission, the subscriber organization shall furnish to  
81 the utility allocation instructions for distributing excess bill credits to subscribers.

82 7. All environmental attributes associated with a shared solar facility, including renewable energy  
83 certificates, shall be considered property of the subscriber organization. At the subscriber organization's  
84 discretion, such environmental attributes may be distributed to the subscribers, sold to load-serving  
85 entities with compliance obligations or other buyers, accumulated, or retired.

86 8. *Projects shall be entitled to receive incentives when they are located on rooftops, brownfields, or*  
87 *landfills, are dual-use agricultural facilities, or meet the definition of another category established by*  
88 *the Department of Energy pursuant to this section. Such incentives, and their amounts and form, shall*  
89 *be determined by the Commission based on a stakeholder-based process and analysis overseen by the*  
90 *Department of Energy.*

91 C. Each subscriber shall pay a minimum bill, established pursuant to subsection D, and shall receive  
92 an applicable bill credit based on the subscriber's customer class of residential, commercial, or industrial.  
93 Each class's applicable credit rate shall be calculated by the Commission annually by dividing revenues  
94 to the class by sales, measured in kilowatt-hours, to that class to yield a bill credit rate for the class  
95 (\$/kWh).

96 D. The Commission shall establish a minimum bill, which shall include the costs of all utility  
97 infrastructure and services used to provide electric service and administrative costs of the shared solar  
98 program. The Commission may modify the minimum bill over time. In establishing the minimum bill,  
99 the Commission shall (i) consider further costs the Commission deems relevant to ensure subscribing  
100 customers pay a fair share of the costs of providing electric services and (ii) minimize the costs shifted  
101 to customers not in a shared solar program. Low-income customers shall be exempt from the minimum  
102 bill.

103 E. The Commission shall approve a shared solar facility program *with capacity available to shared*  
104 *solar facilities on a first-come, first-served basis with appropriate project maturity milestones as follows:*

105 1. *A program of 150 megawatts for customers of a Phase II Utility with a minimum requirement of*  
106 *30 percent low-income customers. The Commission shall approve an additional 50 megawatts of*  
107 *capacity upon determining that at least 45 megawatts of the aggregated shared solar capacity in the*  
108 *Commonwealth have been subscribed to by low-income customers. ~~Subscriber organizations shall be~~*  
109 *allowed to demonstrate compliance with the low income requirement using either project capacity or*  
110 *project savings methodology. The Commission, in collaboration with the Department of Energy, may*  
111 *adopt mechanisms to ensure low-income customer participation.*

112 2. *A program for customers of each Phase I Utility, with a maximum cap determined by the*  
113 *Commission, of an amount not less than the minimum amount necessary to establish a functional*  
114 *program and not more than would, in the Commission's determination, after taking into account all*  
115 *resources in the regional transmissions authority to which such utility belongs risk grid reliability. The*  
116 *Commission shall periodically review and update the maximum program cap for each Phase I Utility.*

117 F. The Commission shall establish by regulation a shared solar program that complies with the  
118 provisions of subsections A, B, C, D, and E by ~~January 1, 2021~~ *January 31, 2023*, and shall require  
119 each utility to file any tariffs, agreements, or forms necessary for implementation of the program within  
120 60 days of the utility's full implementation of a new customer information platform or by July 1, 2023,

whichever occurs first. Any rule or utility implementation filings approved by the Commission shall:

1. Reasonably allow for the creation of shared solar facilities *that are financeable and provide reasonable customer savings*;

2. Allow all customer classes to participate in the program;

3. *Allow both jurisdictional and nonjurisdictional customers to participate as subscribers, low-income customers, or low-income service organizations, as appropriate*;

3- 4. Create a stakeholder working group including low-income community representatives and community solar providers to facilitate low-income customer and low-income service organization participation in the program;

4- 5. Encourage public-private partnerships to further the Commonwealth's clean energy and equity goals, such as state agency and affordable housing provider participation in the program as subscribers of shared solar projects;

5- 6. Not remove a customer from its otherwise applicable customer class in order to participate in a shared solar facility;

6- 7. Reasonably allow for the transferability and portability of subscriptions, including allowing a subscriber to retain a subscription to a shared solar facility if the subscriber moves within the same utility's service territory;

7- 8. Establish standards, fees, and processes for the interconnection of shared solar facilities that allow the utility to recover reasonable interconnection costs for each shared solar facility;

8- 9. Adopt standardized consumer disclosure forms;

9- 10. Allow the utility the opportunity to recover reasonable costs of administering the program;

~~10- Ensure~~ 11. *Create a stakeholder working group including subscriber organization representatives and utility representatives to identify and propose nondiscriminatory and efficient requirements and utility procedures for interconnecting projects, comparable to best practices in states with successful installation and use of shared solar projects. The stakeholder working group shall address transparency in the interconnection queue, interconnection study methodology and standards, cost-sharing among interconnection customers, cost-sharing among developers, and dispute resolution. The Commission shall hire and oversee a professional facilitator with experience managing facilitated stakeholder working groups on interconnection. The working group shall propose rule changes via petition to the Commission no later than January 1, 2023*;

~~11- 12.~~ 12. Address the co-location of two or more shared solar facilities on a single parcel of land and provide guidelines for determining when two or more facilities are co-located;

~~12- 13.~~ 13. Include a program implementation schedule;

~~13- 14.~~ 14. Prohibit credit checks as a means of establishing eligibility for residential customers to become subscribers;

~~14- 15.~~ 15. Require net crediting functionality as part of any new customer information platform approved by the Commission. Under net crediting, the utility shall include the shared solar subscription fee on the customer's utility bill and provide the customer with a net credit equivalent to the total bill credit value for that generation period minus the shared solar subscription fee as set by the subscriber organization. The net crediting fee shall not exceed one percent of the bill credit value. Net crediting shall be optional for subscriber organizations, and any shared solar subscription fees charged via the net crediting model shall be set to ensure that subscribers do not pay more in subscription fees than they receive in bill credits; and

~~15- 16.~~ 16. Allow the utility to recover *as the following costs: (i) the cost of purchased power pursuant to § 56-249.6 as any difference between the bill credit provided to the subscriber and the cost of energy injected into the grid by the subscriber organization and (ii) the cost of incentives established pursuant to subdivision B 8.*

*The Commission may impose an administrative fee on an initial application for interconnection for shared solar facilities. The Commission is authorized to utilize up to five percent of the initial interconnection application fees generated for administrative expenses directly associated with administering this chapter or for the Commission and Department of Energy to administer appropriation requirements for the programs established by this section.*

G. Within 180 days of finalization of the Commission's adoption of regulations for the shared solar program, a utility shall, provided that the utility has successfully implemented its customer information platform, begin crediting subscriber accounts of each shared solar facility interconnected in its service territory, subject to the requirements of this section and regulations adopted thereto.