HOUSE FLOOR COMMITTEE SUBSTITUTE FOR HOUSE BILL 210

54TH LEGISLATURE - STATE OF NEW MEXICO - FIRST SESSION, 2019

AN ACT

RELATING TO UTILITIES; ENACTING THE COMMUNITY SOLAR ACT;

CREATING REQUIREMENTS FOR THE ESTABLISHMENT AND INTERCONNECTION

OF COMMUNITY SOLAR FACILITIES; PROVIDING RULEMAKING AUTHORITY

TO THE PUBLIC REGULATION COMMISSION.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF NEW MEXICO:

SECTION 1. [NEW MATERIAL] SHORT TITLE.--This act may be cited as the "Community Solar Act".

SECTION 2. [NEW MATERIAL] DEFINITIONS.--As used in the Community Solar Act:

- A. "affiliated interest" means a person who directly or indirectly, through one or more intermediaries, controls or is controlled by or is under common control with a public utility as defined in Section 62-3-3 NMSA 1978;
- B. "affordable housing provider" means a .213823.1

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housing agency, or a corporation, limited liability company, partnership, joint venture, syndicate, association or nonprofit organization that satisfies the requirements of a qualifying grantee as provided in the Affordable Housing Act;

- "commission" means the public regulation commission;
- "common control" means that a person who is an officer, director, partner, trustee or person of similar status or function in one community solar facility also owns, directly or indirectly, or has a beneficial financial interest in another community solar facility;
- "community solar bill credit" means the credit per kilowatt-hour to a subscriber on the qualifying utility's monthly billing cycle as required by the Community Solar Act;
- F. "community solar credit rate" means the dollar-per-kilowatt-hour rate determined by the commission that is used to calculate a subscriber's community solar bill credit;
- G. "community solar energy" means the number of kilowatt-hours produced by a community solar facility allocated to a subscriber determined by multiplying the ratio of the subscriber's kilowatt subscription to the total community solar facility's kilowatt capacity by the monthly metered kilowatt-hour production output of the community solar

facility;

- H. "community solar facility" means a solar electric generation facility that is interconnected with the distribution system of a qualified utility in the service territory of customers of the qualified utility that subscribe for a portion of the capacity of the community solar facility;
- I. "community solar program" or "program" means a rate schedule of a qualifying utility approved by the commission that provides its customers with the voluntary option of accessing solar energy produced by a community solar facility through a subscription process in accordance with the Community Solar Act and may include co-location of a community solar facility and energy storage;
- J. "energy storage" means technology that allows the capture of energy produced at one time for use at a later time;
- K. "fuel and power cost adjustment" means an adjustment in a qualifying utility's rate schedule approved by the commission that contains the parameters under which the qualifying utility's fuel and purchased power cost adjustment factor is determined and applied to a utility's established class of customers;
- L. "low-income customer" means a residential customer of a qualifying utility with an annual household income at or below two hundred percent of the federal poverty .213823.1

level as published by the United States department of health and human services;

- M. "low-income service organization" means an organization or nonprofit entity that certifies to a qualifying utility that it provides services, assistance or housing to low-income customers;
- N. "qualifying utility" means an investor-owned electric public utility certified by the commission to provide retail electric service in New Mexico pursuant to the Public Utility Act but does not include a rural electric distribution cooperative or a public utility that does not have advanced metering infrastructure to enable two-way communications of usage data installed for at least seventy-five percent of its electric customers;
- O. "subscriber" means a retail customer of a qualifying utility, low-income service organization or affordable housing provider that contracts with a subscriber organization for one or more subscriptions to the capacity of a community solar facility and has identified one or more physical retail service locations in the service territory of the qualifying utility to which the subscription is attributed that is in the same county as, or a county adjacent to, the community solar facility;
- P. "subscriber organization" means an entity, including a municipality, county, Indian nation, tribe or .213823.1

pueblo, a for-profit or nonprofit entity or organization
authorized to transact business in New Mexico or within the
jurisdiction of an Indian nation, tribe or pueblo located in
New Mexico, a low-income service organization or an affordable
housing provider, or a partnership of entities, that owns or
operates a community solar facility;

- Q. "subscription" means a written contract between a subscriber and a subscriber organization that allocates to a subscriber a proportional interest in the nameplate capacity of a community solar facility that, at the election of a subscriber organization, may include the renewable energy certificates, as defined in Section 62-16-3 NMSA 1978, attributable to the electricity generated by a community solar facility and states the per-kilowatt subscription rate to be paid by the subscriber for the capacity;
- R. "system integration" means services and costs that are reasonably required or a reasonable consequence of interconnecting a community solar facility to the distribution system of a qualifying utility to manage the variability and uncertainty of the production of energy from a community solar facility in order to maintain electric system reliability and the adequacy of service, including any effects on the distribution, transmission or generation components of the electric system; and
- S. "unsubscribed output" means electricity,
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measured in kilowatt hours, generated by a community solar facility that is not allocated to a subscriber.

- SECTION 3. [NEW MATERIAL] COMMUNITY SOLAR FACILITY-REQUIREMENTS.--
 - A. A community solar facility shall:
- (1) have a nameplate rating of ten megawatts alternating current or less;
- (2) be located in the service territory in New Mexico of a qualifying utility; and
- (3) be connected to the electric distribution system of a qualifying utility.
- B. Except for a community solar facility located on the lands of Indian nations, tribes or pueblos exclusively serving subscribers on those lands:
- (1) a community solar facility shall have at least ten subscribers;
- (2) no single subscriber shall be allocated or acquire more than a forty percent interest in the capacity of a community solar facility;
- (3) no more than sixty percent of the capacity of a community solar facility may be allocated to subscriptions larger than twenty-five kilowatts;
- (4) a community solar facility shall not be co-located with another community solar facility on a single parcel or contiguous parcels of land if the nameplate rating of .213823.1

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ten megawatts is exceeded in the aggregate; and

- (5) subscriber organizations under common control shall not develop, own or operate more than one community solar facility on contiguous parcels of land or parcels of land within one mile of each other.
- C. Energy storage may be co-located with a community solar facility.
- SECTION 4. [NEW MATERIAL] OWNERSHIP OF COMMUNITY SOLAR FACILITIES--SUBSCRIBER ORGANIZATIONS.--
- A. A community solar facility may be owned and operated by:
 - (1) a subscriber organization;
- (2) a third party under contract with a subscriber organization;
- (3) an unregulated affiliated interest of a qualifying utility; provided that the qualifying utility demonstrates to the commission that it has made available to any other unregulated entity or organization that requests it, the same customer-related information and information about its distribution system provided to its affiliated interest in connection with its affiliated interest's development of the solar facility; or
- (4) a qualifying utility if the qualifying utility demonstrates to the commission that it is in the public interest to allow the qualifying utility to own the community .213823.1

solar facility.

- B. Subscriber organizations may enter into leases, sale-and-leaseback transactions, operating agreements and other ownership arrangements with third parties relative to community solar facilities.
- C. A subscriber organization is encouraged to and may set aside and offer a portion of the capacity of a community solar facility to low-income customers at a discount off of the per kilowatt subscription rate offered to other subscribers for an unlimited or limited time period; provided that the subscriber organization shall disclose to all subscribers the amount of that discount and, if applicable, the method by which it intends to fully recover the cost of that discount from its subscribers that are not low-income customers.

SECTION 5. [NEW MATERIAL] SUBSCRIBERS--SUBSCRIPTIONS.--

- A. Each subscription shall be sized to:
- (1) represent at least one kilowatt of the community solar facility's generating capacity; and
- (2) supply no more than one hundred percent of the average annual consumption of electricity by each subscriber at the premises to which the subscription is attributed, with a deduction for the amount of any existing solar facilities located at the premises.
- B. A qualifying utility may bill a subscriber for .213823.1

the subscription price on the utility's monthly bill pursuant to an agreement between the qualifying utility and the subscriber organization. If the qualifying utility collects the subscription price from the subscriber, the qualifying utility shall remit the subscription price collected to the subscriber organization within a reasonable period of time after its receipt.

- C. A subscriber may change from time to time the retail service location to which electricity generated by a community solar facility is attributed so long as the retail service location is within the geographical limits allowed for a subscriber.
- D. Subject to reasonable terms or conditions in an individual customer's subscription, subscriptions to a community solar facility may be transferred or assigned to a subscriber organization or to any person or entity that qualifies as a subscriber pursuant to the Community Solar Act.
- SECTION 6. [NEW MATERIAL] NOT SUBJECT TO COMMISSION REGULATION.--
- A. The owners or operators of and the subscribers to a community solar facility shall not be considered public utilities subject to regulation by the commission under the Public Utility Act.
- B. Rates paid for subscriptions shall not be subject to regulation by the commission.

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SECTION 7. [NEW MATERIAL] ACQUISITION OF OUTPUT FROM

COMMUNITY SOLAR FACILITIES--BILL CREDIT--UNSUBSCRIBED OUTPUT-
COST RECOVERY--RENEWABLE ENERGY CERTIFICATES.--

- A. For the first three years after the effective date of the Community Solar Act, a qualifying utility shall not be obligated to purchase unsubscribed output from more than six megawatts of newly installed community solar facility generation notwithstanding whether the community solar facilities are owned by the qualifying utility or any other for-profit or nonprofit entity, including a subscriber organization. Thereafter, the commission shall determine the maximum purchases of electrical output from newly installed community solar facilities of different output capacity that the qualifying utility shall plan to acquire, without regard to the six-megawatt ceiling of the first three years.
- B. A qualifying utility shall acquire the entire output of a community solar facility connected to its distribution system in accordance with the Community Solar Act subject to the acquisition ceiling for total output of community solar facilities in its service territory.
- C. The purchase of the output of a community solar facility by a qualifying utility shall take the form of a bill credit against the qualifying utility's electric bill to each community solar facility subscriber at the premises set forth in the subscriber's subscription. The bill credit shall be .213823.1

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carculated by murciplying the subscriber's share of the
electricity production from the community solar facility by an
avoided cost of electricity determined by the commission. The
avoided cost of electricity shall be determined by the
commission in an appropriate proceeding that includes the
taking of evidence and a hearing before the qualifying utility
is required to provide any credit to community solar facility
subscribers. In setting the avoided cost, the commission shall
consider the cost to acquire solar energy in the most recent
electric resource plans of investor-owned utilities and
include, as offsets, the cost of delivering to the community
solar facility's subscribers' premises the renewable energy
generated by the community solar facility, the cost of
integrating the generation from the community solar facility
into the utility's system and the cost of administering the
community solar facility's contracts and bill credits. The
costs included in setting the bill credit shall not reflect
costs that are already recovered by the qualifying utility from
community solar facility subscribers through other charges.
The community solar facility customer credit determination
shall ensure that the cost of the solar facility and
subscriptions will not be subsidized by customers that do not
subscribe.

A subscriber organization shall provide the commission and a qualifying utility with:

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(1) real-time production data to facilitate acceptance and integration of the electricity output of a community solar facility into the qualifying utility's distribution system and to facilitate the provision of community solar bill credits to subscribers;

- (2) on a monthly basis and within reasonable periods, the percentage of shares that should be used to determine the community solar bill credit to each subscriber; and
- (3) the per kilowatt subscription rate and contractual term of each subscriber's subscription for purposes of billing a subscriber for the subscription price, if agreed to by the qualifying utility and subscriber organization.

E. A qualifying utility shall:

- (1) purchase any unsubscribed output of a community solar facility connected to its distribution system pursuant to a community solar program rate schedule approved by the commission in accordance with the Community Solar Act at the lower of the Palo Verde hourly energy rate, even if the rate is negative, or the qualifying utility's applicable avoided cost of energy rate, taking into consideration the cost to acquire solar energy in the qualifying utility's most recent electric resource plans as approved by the commission; and
- (2) pay a subscriber organization the reasonable value of any unsubscribed capacity of a community .213823.1

solar facility if it is reasonably determined, in accordance with the commission's rules addressing purchases from facilities, that the capacity purchase enables the qualifying utility to avoid procurement of new capacity within the next three years.

- F. Notwithstanding any other provision in the Community Solar Act, any payments by a qualifying utility to a subscriber organization shall be fully recoverable in rates from all customers.
- G. Qualifying utilities shall be eligible for incentives through rates in an amount determined by the commission on all energy and renewable energy credits purchased from community solar facilities, if the qualifying utility demonstrates to the commission that its ownership has provided economic development benefits to communities served by the community solar facilities.
- H. A qualifying utility shall conduct due diligence on proposed contracts with new community solar facility owners to reasonably ensure that the community solar facility owner and community solar facility subscriber organization have sufficient resources to successfully construct and commence operations of the community solar facility. Except for community solar facilities owned by governmental or quasi-governmental entities, the qualifying utility shall be deemed to have conducted sufficient due diligence by requiring .213823.1

from the community solar facility owner documentation of escrowed funds of not less than one hundred dollars (\$100) per kilowatt of the community solar facility's nameplate rating. The escrow shall be maintained by its terms until such time as the community solar facility commences commercial operation as certified by the qualifying utility's acceptance of renewable energy generated by the community solar facility.

- I. A qualifying utility may recover from a subscriber organization:
- (1) the reasonable costs of necessary interconnection facilities, including additions or upgrades of the qualifying utility's distribution system necessary to physically and electrically interconnect the community solar facility to the utility's distribution system;
- (2) the reasonably determined cost of system integration, giving due consideration to any energy storage co-located with a community solar facility; and
- (3) the cost of any production capacity that may become redundant or uneconomic as a result of the community solar capacity.
- J. The amount of electricity and renewable energy certificates generated by each community solar facility shall be determined by a production meter installed by the qualifying utility and paid for by the owner of the community solar facility. All renewable energy certificates associated with .213823.1

the energy produced by a community solar facility are the property of the subscriber organization and, at the subscriber organization's discretion, may be accumulated, sold, retired or transferred to subscribers or to a qualifying utility with the agreement of the qualifying utility.

SECTION 8. [NEW MATERIAL] QUALIFYING UTILITY--COMMUNITY

SOLAR PROGRAM--RATE SCHEDULES--COMMISSION APPROVAL-
INTERCONNECTION APPLICATION.--

A. A qualifying utility shall file by February 1, 2020 an application with the commission for approval of a plan and rate schedule, including a bill credit schedule, to administer a community solar program in accordance with the Community Solar Act and applicable commission rules for implementation within a reasonable time period after commission approval of the plan and rate schedule. The plan and rate schedule shall be predicated on a full allocation, consistent with the allocating methodologies approved in the qualifying utility's last general rate case and taking into consideration the contribution of the solar facility generation to meet the qualifying utility's system peak demand to the community solar class of the qualifying utility's fixed costs of providing generation, transmission, distribution and customer service.

B. The commission shall approve or modify a qualifying utility's proposed community solar program plan and rate schedule after notice and hearing within one hundred .213823.1

eighty days from the date on which the qualifying utility's application is filed with the commission; provided that the commission may approve a qualifying utility's proposed community solar plan and rate schedule without a hearing if, within thirty days of the date on which a qualifying utility provides notice to the public of its application as ordered by the commission, no protest of the proposed plan and rate schedule is filed that demonstrates to the commission's reasonable satisfaction that a hearing is necessary.

- C. A qualifying utility's community solar program plan and rate schedule shall:
- (1) include an implementation schedule and provide interconnection applications and community solar bill credits within ninety days of the commission's approval of the plan;
- (2) identify all applicable terms, conditions, rules, fees and charges of the program in accordance with the Community Solar Act; provided that a qualifying utility shall recover the reasonable costs of administering a community solar program, but shall not recover fees and charges from a subscriber that are recovered by the utility from the subscriber through any other charges and may recover the reasonable costs of administering a community solar program;
- (3) explain the manner in which the qualifying utility may bill subscribers for the price of subscriptions on .213823.1

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its monthly utility bills, pursuant to an agreement with a subscriber organization, and remit those amounts collected to the appropriate subscriber organization within a reasonable time period after their receipt;

- (4) identify the means by which the program will be promoted to potential subscribers; and
- (5) reasonably allow for the creation, financing and accessibility of community solar facilities in a way that encourages robust consumer participation and also protects consumers.
- D. A qualifying utility shall approve interconnection of a community solar facility to the qualifying utility's distribution system within a reasonable time period, but no longer than six months after the utility's receipt of a complete application for interconnection and on a first-come, first-served order per feeder and per substation based on the utility's date- and time-stamp of the application; provided that a complete application submitted by a subscriber organization that is a low-income service organization or an affordable housing provider that offers capacity reservations, subscription discounts or other special opportunities for subscriptions by low-income customers or individuals qualifying for assistance pursuant to the Affordable Housing Act shall be given priority in a utility's interconnection queue. A qualifying utility shall maintain a publicly available

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community solar facility project queue on its website.

E. A qualifying utility shall not interconnect the next community solar facility in the queue until the previous community solar facility is fully subscribed.

SECTION 9. [NEW MATERIAL] COMMISSION--DUTIES-RULEMAKING--REPORT TO LEGISLATURE.--

- A. By no later than November 1, 2019, the commission shall adopt rules to carry out the provisions of the Community Solar Act.
 - B. The commission shall develop rules that:
- (1) establish reasonable and uniform customer disclosure forms, in the English and Spanish languages and, when appropriate, Native American or indigenous languages, that identify the minimum information that must be provided by subscriber organizations to potential subscribers to ensure fair disclosure of the future costs and benefits of subscriptions and subscribers' rights and obligations pertaining to subscriptions;
- (2) provide subscription requirements for subscriber organizations and customer protections;
- (3) establish reasonable uniform, nondiscriminatory application forms, requirements, standards, fees and processes for approval by a qualifying utility of the interconnection of community solar facilities to a qualifying utility's distribution system;

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	(4)	ensure that a qualifying utility recovers
from subscribers	the	reasonably determined cost component of
its commission-a	ppro	ved total cost of service;

- (5) ensure that a qualifying utility recovers the costs of delivering to the community solar facility's subscribers' premises the renewable energy generated by the community solar facility, integrating the generation from the community solar facility into the utility's system and administering the contracts with community solar facility owners and billing credits;
- (6) ensure that the cost of the community solar facility and subscriptions will not be subsidized by customers that do not subscribe;
- (7) establish how a qualifying utility shall reasonably determine in its community solar program plan the value of the reasonably determinable benefits to it attributable to a customer's subscription;
- (8) provide a procedure by which persons interested in the development of community solar facilities are notified by a subscriber organization of its application for interconnection of a community solar facility within thirty days after the subscriber organization submits a completed application for interconnection to a qualifying utility;
- (9) ensure that all community solar program conditions, terms and provisions are consistent with the .213823.1

Community Solar Act and the public interest; and

commencing no later than two years after the commission's adoption of rules pursuant to this section, for the commission to review, on at least a biennial basis, the status of the development of community solar facilities in accordance with the Community Solar Act and for interested persons to submit comments to the commission concerning the effectiveness of its rules to accomplish the objectives of the Community Solar Act, including the status of participation by low-income customers, low-income service organizations and affordable housing providers in each qualifying utility's community solar program.

- C. The commission shall encourage accessibility to community solar programs by low-income customers, low-income service organizations and affordable housing providers through reasonable mechanisms, as provided by rule, including, to the extent not otherwise prohibited by law:
- (1) setting mandatory reservations of capacity for low-income subscribers and establishing:
- (a) a statewide capacity requirement of low-income subscriptions based on the number of low-income customers in each utility's service area;
- (b) an annual statewide requirement of at least twenty-five percent low-income subscriptions based on the aggregate capacity of each community solar facility in the .213823.1

state; and

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(c) individualized low-income subscription requirements for each qualifying utility in order to reach the annual statewide requirement;

- allowing funds available for low-income energy-assistance programs to be used to enable the participation of low-income residential customers in programs authorized by the Community Solar Act; and
- (3) allowing priority in a qualifying utility's queue for interconnection of community solar facilities by low-income service organizations and affordable housing providers that offer reservations of capacity, discounted subscription rates or other special opportunities for low-income customers and persons who qualify for assistance pursuant to the Affordable Housing Act.
- D. By no later than November 1, 2023, the commission shall provide a report to the appropriate interim legislative committee that deals with energy issues that addresses the status of the development of community solar facilities in accordance with the Community Solar Act, the effectiveness of its rules to accomplish the objectives of the Community Solar Act, including the status of participation by low-income customers, low-income service organizations and affordable housing providers in each qualifying utility's community solar program and any recommended changes.

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SECTION 10.	[NEW M	MATERIAL]	UTILITY	LOADS	AND	RESOURCES
TABLESINTEGRATE	D RESOU	RCE PLANS				

A. A qualifying utility shall include and address the effects of the development of community solar facilities pursuant to the Community Solar Act in its loads and resources tables, integrated resource planning processes and integrated resource plans.

B. A qualifying utility shall notify the commission and participants in the commission's public advisory process, in accordance with the commission's applicable integrated resource plan rules, of any development of community solar facilities pursuant to the Community Solar Act that would have the effect of changing the results of the utility's most recent integrated resource plan filed with the commission.

SECTION 11. [NEW MATERIAL] RURAL ELECTRIC DISTRIBUTION COOPERATIVES.--At its election, a rural electric distribution cooperative may allow the construction, connection and operation of community solar facilities within its service territory.

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