

Connecticut Shared Clean Energy Facility Pilot Program

IREC developed the National Shared Renewables Scorecard to provide policymakers, regulators, and other stakeholders with a tool for evaluating the strengths and weaknesses of state shared renewable energy programs. IREC graded **Connecticut's Shared Clean Energy Facility Pilot Program** using the Scorecard's full criteria* and found that the program currently receives a D- because it does not comport with many of the IREC-identified best practices, which could impede program effectiveness and market development.

Category	Criterion	Description	Program Grade
General Program Details	Aggregate Capacity Limit	Does the program have an unlimited aggregate capacity?	✗
	Tracking & Reporting Requirements	Does the program specifically require the utility or other relevant entity to provide publicly available data regarding installed and queued capacity that is updated on at least an annual basis?	✓
	Low- to Moderate-Income (LMI) Consumer Participation	Does the program have specific component(s) to promote LMI customer participants (e.g., capacity carve-out or target?)	✓
		Does the program explicitly address financial barriers faced by LMI participants (e.g., incentives or on-bill financing)?	✓
		Does the program have specific requirements re LMI customer marketing, education and outreach?	✗
Customers and Subscriptions	Eligibility	Are all customer classes eligible for the program?	✓
	Portability	Does the program explicitly permit portability (i.e., allow participants to move within the utility service territory and take their subscription with them)?	✗
	Transferability	Does the program explicitly permit transferability (i.e., allow participants to leave the program or service territory and transfer their subscriptions to others?)	✗
Generation Systems	System Capacity Limit	Is the system size limit at least 5 megawatts (MW)?	✗
	Siting Requirements	Does the program allow both on-site and off-site facilities?	✗
		Can the facility and customers be located anywhere within the utility service territory?	✓
		Do the program rules explicitly address whether or not facilities can be co-located?	✗
	Ownership & Management	Are third-party facility ownership and management permitted?	✓
Bill Credits	Valuation	Does the program meet one of the following conditions: 1) Bill credit is valued at the utility's retail rate; 2) Bill credit includes values for generation and at least some portion of the transmission and/or distribution charges; or 3) RECs are used to provide value in addition to bill credit.	✓
		Is the valuation methodology clearly articulated in the statute, rule, and/or tariff?	✓
	Unsubscribed Generation	Is unsubscribed generation clearly treated and valued at least at an avoided cost rate?	✗
Renewable Energy Credits (RECs)	Subscribed RECs	Are subscribed RECs clearly treated?	✓
	Unsubscribed RECs	Are unsubscribed RECs clearly treated?	✗
		State Program Grade:	D-

Program Strengths

- ✓ **Provides a monetary credit to subscribers at no upfront cost.** The potential value of the credit to subscribers was stated as a range of 1.5 to 3.75 cents per kilowatt hour.
- ✓ **Permits third-party facility ownership and management.**
- ✓ **Promotes LMI customer participation by requiring that at least 20% of annual facility output go to LMI subscribers.** Additionally, the projects selected for the program do not require subscribers to provide an upfront investment to participate.

Opportunities for Improvement

- **Allow shared renewable energy facilities to be located either on-site or off-site.** The current rules only allow off-site projects.
- **Increase the system size limit to at least 5 megawatts.** Currently, the system capacity limit is 4 megawatts.
- **Explicitly permit customers to keep their subscriptions if they move within the same utility's service territory, and to transfer their subscriptions to other customers or back to the subscription organization.** Neither portability nor transferability is addressed in the current rules.

*Note: The criteria above are a subset of the full criteria used to arrive at the state grades but reflect the most substantial program design components. For more information about the Scorecard, including the full criteria applied to grade state programs and definitions for many of the terms within the criteria, see <https://sharedrenewablesscorecard.org/>. January 2020