

Maryland Community Solar Energy Generation Systems 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 **Maryland's Community Solar Energy Generating Systems Pilot Program** using the Scorecard's full criteria* and found that the program currently receives an **A-** because it **incorporates the majority of shared renewables best practices**, offering a strong foundation for shared renewable energy development.

Category	Criterion	Description	Program Grade
<p>KEY One star (★) indicates an especially important criterion for a state program. Two stars (★★) indicate one of the most heavily weighted and critical criteria for program success.</p>			
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 collect and make publicly available data regarding installed and queued capacity (e.g., via regularly updated public queue or annual public reports)?	✓
	Low- to Moderate-Income (LMI) Consumer Participation	★ Does the program have specific component(s) to promote LMI customer participation (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 regarding 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., allows participants to move within the utility service territory and take their subscription with them)?	✓
	Transferability	★ Does the program explicitly permit transferability (i.e., allows 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 facilities can be co-located ?	✓
Ownership & Management	Are third-party facility ownership and management permitted?	✓	
Bill Credits	Valuation	★★ Is the bill credit valuation (whether embedded cost, value-based or other) above the short-term avoided energy cost rate for the utility?	✓
		★ 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:			A-
<p>Program Strengths</p> <ul style="list-style-type: none"> ✓ Values shared renewable energy generation at the full retail rate, which is above the short-term avoided energy cost rate for the utility. This is one of the most heavily weighted and critical criteria for program success. ✓ Clearly articulates the valuation methodology. ✓ Allows shared renewable energy facilities to be located either on- or off-site. This is another heavily weighted criterion. ✓ Explicitly permits customer subscriptions to be moved with the customer within a utility's service territory as well as transferred to another customer or back to the subscription organization. <p>Opportunities for Improvement</p> <ul style="list-style-type: none"> ➤ Increase the system size limit to at least 5 megawatts. Currently, the system capacity limit is 2 megawatts. ➤ Add provisions to expand access to low- to moderate-income customers, such as a financing component or requirements related to LMI customer marketing, education and outreach. The program does not currently have such components. 			
<p>*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://sharedrenewablescorecard.org/. May 2017</p>			