



Summary of State Approaches to Low-income Single-Family Solar, by Program, Carveout, Incentive

STATE	LEGISLATION	RULEMAKING OR PROCEEDING	PROGRAM ¹	INCENTIVES	NOTES
CA	Assembly Bill 2723 of 2009 Assembly Bill 217 of 2013	CPUC Rulemaking R.12-11-005	Single Family Affordable Solar Homes (SASH)	\$3.00 per watt	California's SASH incentive provides low-income families with free or low-cost solar photovoltaic (PV) systems that significantly reduce household energy expenses (customers must receive at least 50% of the savings, as compared to standard utility rates) and allow families to direct those savings toward other basic needs. Gap funding is provided by the program administrator.
	Senate Bill 535 of 2012	LIWP Solar PV and Energy Efficiency Program Resources and Guidelines	Low-Income Weatherization Program	\$4.75/watt to \$1.75/watt	Using a similar structure to the SASH program, this program provides up-front rebates to qualifying residents, and can be used in tandem with SASH incentives for residents who qualify for both. LIWP includes a direct incentive based on eligibility for other funding programs and gap funding provided by the program administrator; and comprehensive programming (direct energy efficiency coordination and workforce development requirements).

¹ This is not meant to be a comprehensive list of all low-income single-family solar programs nationally, but rather highlight successful elements of a few programs.



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CO		US Dept of Energy WAP Memorandum 024	CO Energy Office Rooftop Solar PV Program CO Public Service Company - Renewable Energy Compliance Plan Non-Unanimous Settlement Agreement	<p>The CO Energy Office has utilized the maximum \$3,545 per array available under WAP.</p> <p>Xcel Energy provides incentives totaling \$2.50 per installed watt to offset the remaining costs of the solar PV system. These incentives are paid from the Renewable Energy Standard Adjustment (RESA) account.</p>	<p>The CEO Weatherization Assistance Program (WAP) offers rooftop solar PV to its clients on a limited basis. Colorado is the first state in the nation to receive approval from the U.S. Department of Energy (DOE) to integrate rooftop PV into WAP. The CEO WAP includes rooftop PV as a measure to specifically target expensive residential electricity expenditures. WAP anticipates being able to save each of its rooftop PV clients more than \$400 annually by reducing electricity costs. Rooftop PV will be installed on a limited number of homes that meet certain criteria to ensure they will provide a high return on investment.</p>



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CT			<p>Residential Solar Investment Program</p> <p>Solar for All with PosiGen</p> <p>Smart-E Loan</p>	<p>Performance-based incentive of 11 cents per kWh for solar arrays 10 kW or smaller (approximately three times larger than the PBI for non-LMI installations)</p> <p>In partnership with the CT Green Bank, Posigen offers no-money-down solar leases for low-income consumers, as well as energy efficiency improvements. This offering targets an average of \$500 per year savings for participating customers.</p> <p>Unsecured loan with no application fee and no prepayment penalty. Interest rates are as low as 4.49%, with lower rates available for “bundling” multiple energy measures such as energy efficiency and solar. The loan is available to customers with FICO scores above 580 and a debt-to-income ratio of at least 50%.</p>	<p>The Connecticut Green Bank has developed a suite of offerings to expand access to clean energy for low- and moderate-income families and also for households with low credit scores.</p> <p>The Connecticut Green Bank provides PosiGen with subordinated debt capital to support its solar lease fund.</p> <p>The Connecticut Green Bank also partners with Community Development Financial Institutions (CDFIs) and local credit unions to offer interest rate buy-downs and a loan loss reserve to support low-interest loans for low-income and low-credit-score customers.</p>



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DC	Community Renewable Energy Act Renewable Portfolio Standard Amendment Act	DOEE Requests for Information and Solar for All Task Force	Solar for All Program	In the first phase of project development under this program, DOEE announced two Requests for Applications (RFA) for Solar for All Innovation and Expansion Grants in early 2017. \$5 million was made available to install 2.5 to 5 megawatts of solar capacity on low-income single-family homes, small business, and owner-occupied nonprofits	Comprehensive program that includes single-family, multifamily affordable housing, and community solar projects. Solar for All will provide the benefits of solar electricity to 100,000 low-income households (at or below 80% Area Median Income), and reduce their energy bills by 50% (based on the 2016 residential rate class average) by 2032.
IL	SB2814 (Public Act 99-0906)	IPA Public Workshops and Comments and Ill. Commerce Commission Docket 17-0838 – Petition for Approval of the IPA’s Long-Term Renewable Resources Procurement Plan pursuant to Section 16-111.5(b)(5)(ii) of the Public Utilities Act	Solar for All Program	REC values for the Low-Income Distributed Generation Incentive Program are being determined through Docket 17-0838	The Solar for All Program will be funded with the remaining funds in the Illinois Renewable Energy Resources Fund (RERF) and annual utility funding; 22.5% of the funds will be dedicated to the Distributed Generation Incentive Program, which includes income-eligible single-family homes (defined as 80% of the Area Median Income).



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MA			Mass Solar Loan	<p>Interest Rate Buy Down: Low-income customers are eligible for a 1.5% interest rate buy down.</p> <p>Loan Loss Reserve: Lenders to Low- or Moderate-income customers are eligible for additional incentives to help their low-credit-score customers go solar.</p> <p>Income-Based Loan Support: Low- or Moderate-income customers may be eligible for an additional incentive applied directly to the loan principal, paid directly to the lender as a portion of the loan principal when the project is complete. Low Income customers are eligible for a 30% reduction up to \$10,500. Moderate Income customers are eligible for a 10% reduction up to \$3,500.</p>	Funding for the Mass Solar Loan was initially set at \$30 million when the program launched in December 2015. In September 2017, the MassCEC announced an additional \$10 million in available funding. The program has funded over 3,400 solar projects, and over 40 percent of them are for low-income customers.



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	Ch. 75 of the Acts of 2016	Dept. of Energy Resources SMART Program Rules Dept. of Public Utilities Docket D.P.U. 17-140	Solar Mass. Renewable Target (SMART)	Under the SMART program, the state will conduct an initial auction to determine a base incentive rate for solar projects, which will fall under a declining-block schedule over time. The base incentive rate will be multiplied by 230 percent for residential and small projects (under 25 kW) that serve low-income customers.	SMART implementation is expected to begin in summer 2018.
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