

State	Utility or Project Sponsor Name	Type	Program Name	Participant Information/Eligibility	Participation Mechanism
AZ	Arizona Public Service	IOU	Community Power Project Pilot	Pilot Project: All customers on a single distribution feeder in the Flagstaff area	All solar equipment is owned by APS, APS installed the solar which is interconnected on the utility grid. In exchange for hosting the system, the customer is eligible for a Critical Peak Price (CPP) rate plan based on estimated production over 20 years for system size installed (2, 3 or 4kW system). Frozen at 2010 rates.
AZ	Salt River Project	Muni	Community Solar Program--Copper Farm Solar Farm	Commercial/industrial customers of SRP (10 MW), residential customers (2 MW) and schools (8 MW)	Pilot program energy sold in blocks equivalent to about 2,500 kWh/year, up to half of customer's annual usage.
AZ	Trico Electric Cooperative	Co-op	Sunwatts Sun Farm Program	No specific exclusions but a member's purchase of panel output cannot exceed their average monthly kWh energy usage in the last twelve month period up to a maximum of 10,000 watts per member.	Customer can purchase upfront full, ½ and ¼ PV panel output of a 270- watt PV panel
AZ	Tucson Electric Power	IOU	TEP Bright Tucson Community Solar Program	All customers except those who are currently enrolled in net metering	Customer can purchase output in 150-kWh monthly blocks
AZ	UniSource Energy Services	IOU	Bright Arizona Buildout/ Bright Arizona Community Solar Program	Available to customers on tariffs: Residential Service, Small General Service, and Large General Service	Customers can purchase the output in 150-kWh blocks
CA	Sacramento Municipal Utility District	Muni	SolarShares Program	Customers of SMUD. SMUD's goal is to keep the system subscribed up to 95% of its full output, with the additional 5% used as a safety margin. Approximately 700 customers were sufficient to fully subscribe the system, and there is a persistent waiting list of approximately 60 customers. The current mix by customer size is about 27% small, 51% medium, and 22% large.	Customers can meet 20-40% of their energy use by purchasing 0.5-kW shares.

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AZ	Arizona Public Service	Customers are billed at a fixed rate for a fixed portion of their energy use, based on the size PV system installed on their property. Not based on actual production.	1.5 MWac goal, 1.338 MWac installed (as of November, 2012)	Tariff available at: http://www.aps.com/file/s/rates/CMPW-1.pdf
AZ	Salt River Project	Schools, businesses: 9.9 cents/kWh fixed for 10 years	20 MW	http://www.srpnet.com/environment/communitysolar/home.aspx
AZ	Trico Electric Cooperative	Customer receives fixed kWh credits on monthly bill by panel shares owned @ 36 kWh per full panel, 18 kWh per ½ panel and 9 kWh per ¼ panel	227 kW	http://www.trico.coop/index.php?option=com_content&view=section&layout=blog&id=9&Itemid=116
AZ	Tucson Electric Power	Customer purchases 150 kWh blocks for \$3 each, no additional benefit beyond purchasing solar power in a shared system.	As of July 2012, the TEP Bright Tucson program included 777 customers, which were subscribed to a total of 4.13 MW in TEP or third-party-owned solar installations	https://www.tep.com/Renewable/Home/Bright/
AZ	UniSource Energy Services	Customers purchase for \$0.02/kWh over regular tariff rate and their solar capacity component of the bill is fixed for 20 years. Purchases are exempt from Renewable Energy Standard Tariff and the Purchased Power and Fuel Adjustment Clause, surcharges that are adjusted annually.	1.7 MW	https://www.uesaz.com/renewable/home/bright/
CA	Sacramento Municipal Utility District	Customers receive kWh credit on monthly bill in relation to the quantity of output they subscribed for and the fixed energy rate they qualify for. Blended incentive is \$1.50/W.	1 MW	https://www.smud.org/en/residential/environment/solar-for-your-home/solarshares/

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CA	San Diego Gas & Electric**	IOU	Share the Sun and Sun Rate pilot programs	Developers sign up participants; can meet up to 200% of load	Customers acquire a portion of the power produced by a solar-energy system in SDG&E's service area to cover all or part of their electricity use and receive a bill credit for the value of the solar power their portion generates. The "green attributes" of the solar power would belong to the customer and would not be applied toward SDG&E's renewable portfolio goals.
CO	Colorado Springs Utilities	Muni	Community Solar Gardens	A customer must have a solar garden interest of at least 0.4 kW	Springs Utilities customers may purchase or lease panels from one of two community solar project developers, Sunshare (lease) or Clean Energy Collective (CEC - purchase).
CO	Delta Montrose Electric Association	Co-op	The Community Solar Array Program	Co-op members may lease any portion of the array they wish - provided adequate capacity remains - in lease increments of \$10.	DMEA leases portions of a solar array to members in 2.7-watt blocks. DMEA had a goal to divide up the array into small enough components that anyone can afford to participate.
CO	Empire Electric Association	Co-op	Solar Assist Cooperative Garden	Participation is open to Empire Electric members	Members may lease one or more panels for 20 years at \$1,250 each. There are 24 panels available.
CO	Grand Valley Power	Co-op	Solar Farm	Participation is open to Grand Valley Power members	The Solar Farm allows customers to lease solar panels for 24 kW for a one-time payment.
CO	Holy Cross Energy	Co-op	El Jebel, Garfield County Airport (near Rifle, CO) (CEC)	Anyone with a Holy Cross electric bill is eligible to purchase solar panels, including homeowners, businesses, renters, lessees, community organizations, etc.	Customers can purchase shares (watts) of the solar array upfront at a cost of \$3.15 per watt (\$3,150 per kilowatt)
CO	Poudre Valley Rural Electric Association	Co-op	Poudre Valley REA Community Solar Farm (CEC)	The panels are purchased and are owned by individual consumers who receive electricity from PVREA.	PVREA consumers are able to purchase panels for \$618 per panel phase 1, \$729 phase 2

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CA	San Diego Gas & Electric**	Participants receive bill credit from SDG&E. Proposal is to credit participants for their share of system at FIT rate plus an "energy payment" based on the DA PCIA + adjustments, which is intended to reflect the incremental cost of delivery. SDG&E retires RECS for subscribed energy	10 MW available	http://delaps1.cpuc.ca.gov/CPUCProceedingLookup/?p=401:56:3288237296858501::NO:RP,57,RIR:P5PROCEEDING_SELECT:A1201008
CO	Colorado Springs Utilities	Subscribing customers will receive a fixed credit of \$0.09/kWh on their electric bill for their share of the power generated at the community solar garden. In 2012, Colorado Springs Utilities will provide subscribers a one-time, \$1.80 per watt incentive up to 30% of their solar garden investment.	2 MW (pilot)	http://www.csu.org/residential/customer/Pages/Community-Solar-Gardens.aspx
CO	Delta Montrose Electric Association	The customer is credited at the full retail rate for the amount his share produces.	20 kW	http://www.dmea.com/index.php?option=com_content&view=article&id=149&Itemid=101
CO	Empire Electric Association	Participants receive the value of the energy produced from their panels on their energy bill, at a rate of \$0.11/kWh. Empire Electric will pay for the operations and maintenance of the system.	10 kW	http://www.coloradocountrylife.org/files/Local%20Co-op%20Pages/2011/06/Empire%20June.pdf
CO	Grand Valley Power	The customer receives a monthly credit on their bill for the Panel Production Credits (PPC) generated by their leased panels. The PPC is calculated by dividing the total generation from the system by the number of panels and providing a kWh credit to a participant's monthly bill.	20.68 kW	http://www.gvp.org/Solar/SolarFarmApp.pdf
CO	Holy Cross Energy	Monthly bill credit of 11 cents/kWh, or 37% more than the \$0.08/kWh for traditional solar systems. As rates increase, power credits will remain 37% greater than the standard credit rate.	78 kW phase 1 938 kW phase 2	http://www.easycleanenergy.com/faq.aspx
CO	Poudre Valley Rural Electric Association	Credits from the electricity generated are applied directly to the electric bills of each participating consumer in proportion to the number of panels purchased. Phase 2 has a \$0.04 PBI	116 kW phase 1 500 kW phase 2	http://www.pvrea.com/solar/index.html

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CO	San Miguel Power Association	Co-op	SMPA Community Solar--Paradox Valley (CEC)	Open to members of San Miguel Power Association (SMPA)	SMPA customers purchase 240-watt panel(s)
CO	United Power	Co-op	Sol Partners Cooperative Solar Farm	Open to all members of United Power, including those who net meter.	Customers lease 210-watt PV panels within the system, for \$1,050 each, for 25 years
CO*	Xcel Energy	IOU	Solar*Rewards Community (CEC)	All customers within Xcel service territory. Must have at least 10 subscribers per CSG.	Subscription to particular Community Solar program



Shared Solar Program Comparison Chart



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CO	San Miguel Power Association	Monthly monetary credit for the energy each panel(s) produces. Each panel will produce approximately \$45 worth of electricity per year.	1.1 MW	http://www.smpa.com/Service/SMPACommunitySolar.cfm
CO	United Power	Customers receive a monthly bill credit for the value of their panel's production at a solar rate slightly above the retail credit rate. During the 1st year, the original 48 panels produced 17,504 kWh. Energy credits totaled \$40.12 per panel, equal to a 3.8% return.	21 kW	http://www.unitedpower.com/mainNav/greenPower/solPartners.aspx
CO*	Xcel Energy	Total aggregate retail rate less T&D costs("reasonable charge") less RESA charge less TCA charge. Range from about \$0.055 to \$0.07, depending on customer class plus an \$0.09 - \$0.11 / kWh PBI	Boulder County #1 500 kW (CEC) Jefferson County #1 116 kW (CEC) Jefferson County #2 571 kW (\$0.04 PBI) (CEC) Denver County #1 388 kW (CEC) Denver County #2 500 kW (CEC) Adams County #1 500 kW (CEC) Summit County #1 500 kW (CEC) Summit County #2 500 kW (CEC)	www.coloradocommunitysolar.com

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DE*	Delmarva Power & Light	IOU	Community Energy Facility (CEF)	All customers within Delmarva's service territory; all subscribers must share "a unique set of interests"	Subscription to particular Community Solar program
FL	Florida Keys Electric Co-op	Co-op	Simple Solar Program	Open to FKEC members.	Customers lease 175-watt panels
FL	Orlando Utilities Commission**	Muni	Share the Sun	Residential and Non-demand Commercial	Energy sold in 1-kW blocks as production (kWh's/kW)
GA	Coastal Electric Cooperative**	Co-op	Renewables Solar Farm (pilot program)	Open to members of Coastal Electric Cooperative	Customers can lease one 230-watt panel for \$1,295, for 25 years
KY	Berea Municipal Utilities	Muni	Berea Solar Farm	Open to anyone, including people who don't live in Berea, KY.	Customers can purchase a minimum of two 235-watt solar panels for \$750 each, for 25 years.

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DE*	Delmarva Power & Light	If "host customer" for CEF or if on same distribution feeder as CEF: "valued at an amount per kWh equal to the sum of volumetric energy (kWh) components of the delivery service charges and supply service charges for residential Customers and the sum of the volumetric energy (kWh) components of the delivery service charges and supply service charges for non-residential Customers..." [essentially full retail rate] If not on same distribution feeder: "valued at an amount per kWh equal to supply service charges according to each account's rate schedule..." [essentially gen-only/avoided cost] Subscribers retain REC ownership. Delmarva has elected to pay (instead of credit) customers at these rates.	Sum total of capacity limits of each subscriber (25 kW res., 100 kW farm, 2 MW non-res.)	http://depdc.delaware.gov/electric/reg49%207984%20compliance%20filing.pdf
FL	Florida Keys Electric Co-op	Members receive monthly bill credits for full retail value of the electricity generated by their leased panel(s). Anticipate approximately \$36 in credits per year per panel and \$1280 in credits total (assuming 3% annual increase in retail price of electricity).	97 kW	http://www.fkec.com/Green/simplesolar.cfm
FL	Orlando Utilities Commission**	Current premium is \$.025/KWH above residential rate	400 kW	http://www1.eere.energy.gov/solar/pdfs/51055_orlando.pdf
GA	Coastal Electric Cooperative**	kilowatt-hour credit for the energy generated by the panel	2 kW	http://www.coastalemc.com/CoastalElectricRenewables.aspx
KY	Berea Municipal Utilities	In return, customers will receive Panel Production Credit (PPC) every billing period for the electricity generated by their panels. The PPC is calculated by dividing the total generation from the system by the number of panels and providing a kWh credit at the customer's rate, on the participant's monthly bill.	14.1 kW	http://bereautilities.com/?page_id=348

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MA*	Brewster Community Solar Garden Cooperative, Inc.	non-profit	Brewster Community Solar Garden	Brewster, MA residents	Participants purchase a SunShare for \$5000, and the value of the energy transfers as a "net metering credit" on participants electric bill each month
MI	Cherryland Electric Cooperative**	Co-op	Cherryland Community Solar	Eligible to members of Cherryland Electric Cooperative or Traverse City Light and Power	Individuals will sign a 25-year lease agreement for a one-time fee of \$470 per solar panel. Participants can also apply for an energy optimization rebate of \$75 and a capital credit rebate of \$75.
MD	University Park Solar Cooperative	LLC	University Park Church of the Brethren	Individual participants in the LLC.	The church that serves as a host site purchases the output of the solar panels from the LLC.
MD	Greenbelt Community Solar, LLC	LLC	Greenbelt Baptist Church	Individual participants in the LLC.	Greenbelt Baptist Church serves as the host site and purchases power from the LLC.
MN	Wright-Hennepin Cooperative**	Co-op	WH Solar Community project (CEC)	Open to members of Wright-Hennepin Co-op	WH members may purchase panels for \$869 each, system includes battery storage
NM	Kit Carson Electric Cooperative	Co-op	Taos Charter School project (CEC)	Open to members of Kit Carson Co-op	Customers purchase 235-watt panels for \$845 each
OR	City of Ashland	Muni	Solar Pioneers II	City of Ashland residents	Customers can purchase the output of panels for 18 years: A full panel for \$743, a 1/2 panel for \$371.50 or a 1/4 panel for \$185.70.
UT	City of St. George	Muni	SunSmart Program	The Purchaser must be the owner or in lawful possession of residential property located within the geographical boundaries of the City of St. George, Utah.	Customers may purchase 'units' in 0.5 and 1 kW increments.
VT	Green Mountain Power (GMPSolar)	IOU	The Farm at South Village (South Burlington, VT)	Farm at South Village and South Village Community's energy consumption needs. The array will also provide clean energy to the City of South Burlington for the City's traffic lights.	Group net metering arrangement
VT	Green Mountain Power (GMPSolar)	IOU	Putney Solar Garden (CEC)	Open to ownership by all GMP members, credited at full retail rate plus \$0.06 PBI	Group net metering arrangement

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MA*	Brewster Community Solar Garden Cooperative, Inc.	A SunShare entitles participants to the value of energy created by 28 solar panels. Each SunShare will transfer at least \$6,400 of credit (or possibly more) over the next 5 years, as an anticipated average monthly credit of over \$100 to participants' electric bills.	345.6 kW	http://www.brewstercommunitysolargarden.com/
MI	Cherryland Electric Cooperative**	CEC members that commit to a lease will receive a monthly billing credit for the solar electricity produced in that particular month. One solar panel is estimated to produce 25 kWh per month on average.	Planned in installments based on demand (56 kW by summer 2013)	http://www.cherrylandelectric.com/content/community-solar
MD	University Park Solar Cooperative	Members receive energy revenue equivalent to \$0.13/kWh + excess generation payment from PEPCO + SRECs. Those who bought in expect to make the investment back in 7 years and receive an 8% return in about 20 years.	22.77 kW	http://universityparksolar.com
MD	Greenbelt Community Solar, LLC	Church expects to save \$49,500 on energy costs	21.6 kW	http://www.greenbeltcommunitysolar.com/
MN	Wright-Hennepin Cooperative**	Customers will receive monthly bill credits for the power produced by their panels.	32 kW	http://www.whsolarcommunity.com/
NM	Kit Carson Electric Cooperative	Credit on monthly bills for proportion of energy produced	98.7 kW	http://www.kitcarson.com/
OR	City of Ashland	Customer receives monthly kWh credit at retail rates based on power produced by each member's share of project. One panel is estimated to produce \$480 of savings over 20 years (below program goal of equivalent return to on-site systems).	63.5 kW	http://www.ashland.or.us/Page.asp?NavID=13368
UT	City of St. George	Customers receive a monthly credit on their electric bill based on the monthly kWh derived from % of system investment and retail rate. A minimum output of 800 kWh is guaranteed.	100 kW Phase 1 150 kW Phase 2 100 kW each Phase 3+ 2 MW max (currently at 250 kW)	http://www.sgsunsmart.com/index.htm
VT	Green Mountain Power (GMPSolar)	SolarGMP provides owners of solar net metering systems in the GMP service area with a \$0.06 payment adder on top of the retail rate.	147.84 kW	http://www.encoreredevlopment.com/projects/renewable-energy.html
VT	Green Mountain Power (GMPSolar)	Open to ownership by all GMP members, credited at full retail rate plus \$0.06 PBI	148 kW	www.vtsolargardens.com

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VT	Middlebury, VT; Co-operative Insurance Companies; Acorn Renewable Energy Co-op	Multiple	Community Solar Energy Facility	Co-operative Insurance Companies, Acorn Renewable Energy Co-op, and the Town of Middlebury are partners in a community solar energy project in Middlebury. 1/3 of energy will go to each group.	Group net metering arrangement
WA	City of Bainbridge; Community Solar Solutions (CES subsidiary)**	Multiple	Bainbridge Island City Hall	Individual investors	Investors contribute financing. City of Bainbridge contributes roofspace.
WA	City of Ellensburg	Muni	Community Renewable Park	Participant must own, rent or lease a business or residence that has an electrical service with the City of Ellensburg if they want to receive the periodic renewable credit toward their utility bill.	Customer's pay an initial up-front investment (minimum of \$250) to co-own a share of the system
WA	Port of Coupeville	Multiple	Greenbank Farm	23 investors	The produced electricity is sold wholesale to Puget Sound Energy (per Schedule 91 Power Purchase Agreement).
WA	North Kitsap School District	Multiple	Poulsbo Middle School	16 private investors	Investors receive Puget Sound's approximate retail rate at \$0.10/kWh
WA	Seattle City Light	Muni	Seattle Community Solar	City Light customers can buy a portion of the output from the project for \$600 each.	500 solar units available for upfront purchase
WA	Partnership for a Sustainable Methow (PSM)	Multiple	Winthrop Community Solar	49 co-op members (Okanogan County Electric Cooperative (OCEC)); Owners are individuals, households, businesses, or nonprofit organizations.	Investment in shares

* = Program operating under state community solar/renewables law

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VT	Middlebury, VT; Co-operative Insurance Companies; Acorn Renewable Energy Co-op	The 1/3 to the Energy Co-op will be net-metered among 16 members.	148 kW	http://www.greenenergytimes.org/2012/04/28/community-solar-energy/
WA	City of Bainbridge; Community Solar Solutions (CES subsidiary)**	Investors receive benefits from state and federal incentives for using solar energy. Investors also receive a financial benefit from when the panels produce energy that is sold to Puget Sound Energy. City will receive half the retail value of the energy furnished by the panels.	74.2 kW	http://cenergysolutions.org/
WA	City of Ellensburg	Customers receive quarterly credit on their electric bill at the BPA wholesale energy rate based on kWh's derived from % of system investment.	36 kW Phase 1 21.6 kW Phase 2 24 kW Phase 3 82 kW Total	http://www.ci.ellensburg.wa.us/index.aspx?NID=310
WA	Port of Coupeville	Members receive distributions, profits, and losses in proportion to capital contributions; passive loss limitations apply. (Annual income = \$56,840 (production incentive) + \$4,128 (power sales))	25 kW (currently) 75 kW (total planned)	http://portofcoupeville.org/data/solar/index.html
WA	North Kitsap School District	Investors would receive \$1.08/kWh, up to \$5,000 annually (+ \$0.10/kWh of generation from the district?). Estimated 52,930 kWh/year production.	75 kW	http://www.kitsapsun.com/news/2011/feb/07/status-largest-community-solar-project-goes-in/
WA	Seattle City Light	Credit of \$0.07/kWh and incentive of \$1.08/kWh. Credit rises with electricity rates. Customers receive annual on-bill credit of 7 cents/kWh (approx. 50 kWh's/yr/solar unit)	24 kW	http://www.seattle.gov/light/solar/community.asp
WA	Partnership for a Sustainable Methow (PSM)	PSM, as the project Administrator, will apply to the OCEC for the incentive payment for the kWh produced. The OCEC may elect to make multiple incentive payments throughout the incentive year rather than making a single payment. PSM will then distribute \$ to the owners according to their shares. Estimated Annual Payment to Participants: \$72 per \$500 of investment. Estimated ROI: 30% by June 2020. The estimated annual energy production from all 5 arrays is 28,250 kWh.	22.8 kW	http://sustainablemethow.net/solar.htm

* = Program operating under state community







Shared Solar Program Comparison Chart



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Color coding

-  Investor-Owned Utility program
-  Municipal Utility Program
-  Electric Cooperative Program
-  Developer-based or other program







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