

## Cities that have policies or programs that help citizens and businesses choose renewable electricity options

### Large Cities (250,000+ people)

Madison	WI	250,000	<a href="#">Click here for more information</a>
Durham	NC	263,016	With a new law, HB589, there will be more options for community solar and for non-profits to install solar with a rebate program.
Chula Vista	CA	267,000	City staff conduct outreach through events, no-cost business and home evaluations, as well as newsletters and other outreach. Additionally we have provided PACE financing solutions that can help renewable energy installations.
Plano	TX	277,000	We are in process of developing a community wide energy challenge with one of its focuses being encouraging residents and businesses to switch to renewable electricity power plans. Our goal is to become a EPA Green Power Community. We are currently an EPA Green Power Partner.
Toledo	OH	280,000	This is something we would like to do in the future. However, a stable budget and manpower to make it worth while.
Orlando	FL	282,000	We offer a "Community Solar" program and recently launched a "Collective Solar", a bulk purchase aggregation program for those homeowners looking to invest in rooftop solar. We have also funded local solar cooperatives through the nonprofit, Solar United Neighbors of Florida.
Anchorage	AK	296,000	The MOA is working with SolSmart to earn a solar designation and help citizens and businesses choose solar energy. The MOA is also considering ways to encourage renewable energy through the Climate Action Plan.
Henderson	NV	309,000	Direct Citizens to Nevada Energy and Department of Energy websites from our city homepage
Santa Ana	CA	338,000	Expedited plan check and other incentives for solar projects.
Oakland	CA	424,000	The City is an active member in East Bay Community Energy, a regional CCA offering up to 100% clean energy for residents and businesses. The City also works with the Investor Owned Utility, PG&E, to point customers to their opt-up renewable energy products.
Raleigh	NC	458,880	The City does not have policies or programs in place at this time.
Long Beach	CA	470,130	Effective October 5, 2015, as mandated by California State Assembly Bill 2188 (AB 2188) and Long Beach Municipal Code (LBMC) §18.77, local governments are required to implement an expedited and streamlined permitting process for small residential rooftop solar photovoltaic systems. The City of Long Beach is pleased to continue its express permitting services to encourage the installation of rooftop solar PV systems in order to generate renewable energy, provide stable electricity, and reduce pollution. The City's solar permitting process expedites such installations by reviewing, approving, and issuing most permits over the counter on the same day. These projects will undergo

			one single inspection, which can be scheduled and conducted at the convenience of the applicant upon installation of the solar PV system.
Kansas City	MO	478,000	The City is affiliated with two statewide PACE programs to provide financing for renewable energy installations for residential & commercial buildings. In addition, KCP&L has requested state approval for installation of 5 - 50 MW of community solar and the City is working with KCP&L to provide suitable municipal property to house 5 - 10 MW of community solar. The City has been designated a Gold-level SolSmart City for its work to reduce the "soft costs" for solar installations & simplify the permitting processes for such systems.
Baltimore	MD	621,849	Baltimore Shines is a program that helps low-income residents access solar energy through either roof-top installations or community solar projects. Pilot projects have created a sustainable financing model for low-income solar installations. In the 1st pilot, the City installed solar on 10 homes in the C.A.R.E. Community. In the 2nd (Morgan Community Mile areas) 33 owner-occupied homes received solar. The 3rd pilot tested a financing model in Sandtown Winchester, providing solar on 9 homes. Additionally, Baltimore Shines incorporates a job-training component that will expand workforce opportunities for underemployed and unemployed Baltimore residents.
Las Vegas	NV	640,174	The City may consider CCA, especially if an energy choice constitutional amendment is approved by voters in the November 2018 election.
Portland	OR	650,000	The utilities are required by state law (RPS) to supply 50 percent of all electricity by 2040. Currently, they are close to 20 percent. The utilities also offer voluntary green power programs (RECs) to Portland ratepayers. The City also has been working closely with the state for several years to stand up a community solar program statewide.
Nashville	TN	667,560	We partnered with TVA and NES to build Music City Solar a 2MW community solar park.
Boston	MA	685,094	Boston City Council authorized the City of Boston to adopt municipal aggregation in October 2017. The Mayor voted to approve the policy and included nearly \$100,000 for implementation in the City's FY19 budget.
Washington	DC	693,972	Net metering is currently available to DC's residential and commercial customer-generators with systems powered by renewable-energy sources, combined heat and power (CHP), fuel cells and microturbines, with a maximum capacity of 1 megawatt (MW). The term "renewable energy sources" is defined as solar, wind, tidal, geothermal, biomass, hydroelectric power and digester gas. In 2013 the Community Renewable Energy Amendment Act of 2013 was enacted to allow renters and other District residents and businesses who are unable to install PV solar panels on their own roofs to use a "virtual" net metering program to purchase solar energy from systems installed elsewhere in DC. Additionally, the District's Energy Choice program has, since January 2001, allowed all residential and

			commercial electricity customers in the District to choose their supplier of generation and transmission services. Currently approximately 75% of electricity is consumed through alternative suppliers. There are several suppliers that offer 100% renewable energy options. Power purchase agreements or third-party ownerships of renewable energy systems are also allowed in the District. There are several companies actively offering PPAs to District customers. Finally, as a project for the future, the Clean Energy DC plan calls for providing the Standard Offer Service (SOS), the default supply option for customers who do not choose their own electricity supplier, through long-term PPAs with renewable electricity suppliers. Currently, approximately 20-25% of electricity in the District was consumed under the SOS, largely by residential ratepayers (more than 80% of residents use SOS), and the fuel mix report showed that 59.9% of that electricity came from fossil-fuel generation. The plan recommends the District set a target to supply at least 70% of the SOS through renewable purchase agreements.
Denver	CO	700,000	Programs such as this are managed by our investor-owned utility, Xcel Energy. We direct residents to Xcel resources but do not help them to choose renewable electricity options directly.
San Francisco	CA	890,000	In partnership with PG&E, the SF Energy Watch program serves small businesses, medium-sized commercial buildings, and multifamily buildings that qualify for high incentives and turnkey services through the program, starting from an energy assessment at no cost, followed by full project management through the completion of the installation by the program's participating contractor. Another key program is the GoSolarSF - the first of its kind as a municipally operated incentive program for solar energy. It offers a one-time incentive payment for local solar electric projects, to reduce the cost of installation borne by the customer. The GreenFinanceSF program focuses on financing RE projects and is San Francisco's commercial Property Assessed Clean Energy program (PACE or "GreenFinanceSF") where commercial and residential property owners can secure 100% financing from an investor of their choice, and repay the cost of the upgrade over time through a special line item on their property tax bill. The flagship RE program is CleanPowerSF - San Francisco's Community Choice Aggregation program - that continues to increase its renewable portfolio and expanded its customer base while reinvesting ratepayer funds locally in energy efficiency programs and new renewable energy facilities. CleanPowerSF is a partnership between the SFPUC and PG&E to deliver cleaner energy at competitive rates to residents and businesses in San Francisco. Under the program, PG&E continues to maintain the power grid, respond to outages and send monthly bills. The program has been so successful that in 2018, the SFPUC Commissioners voted to give the City utility the authority to enter into long-term supply agreements with renewable and shaped energy providers.
Austin	TX	949,587	Austin Energy provides the GreenChoice program.

			<a href="#">Click here for more information</a>
San José	CA	1,046,079	All customers in the City of San José with existing accounts with the IOU will be automatically enrolled into San José Clean Energy during Spring 2019. The electricity will be generated from renewable sources such as wind and solar, and from carbon-free sources such as hydropower. There will be an option to opt up to 100% renewable energy. As part of San José Clean Energy, Mayor Liccardo has noted the importance of developing local programs that will be, in part, aimed at low income communities to provide support for energy efficiency measures in multifamily housing and solar installations.
Phoenix	AZ	1,600,000	Working with the utility on offering a green tariff or rider.
Los Angeles	CA	4,030,904	LADWP's Green Power for a Green L.A. program gives Los Angeles residents, businesses, and governmental agencies a stake in helping to preserve and protect our environment through their voluntary contribution to support additional renewable energy. This program has helped LADWP customers achieve individual and organizational environmental goals such as reducing their carbon footprint and establishing themselves as environmental leaders in the community. Customers who sign up for Green Power choose to have all, or a portion, of their electricity needs generated from renewable energy sources. Participating in the LADWP Green Power Program results in an additional charge to customers' bill each billing period. Additionally, LADWP's Solar Incentive Program (SIP) offers incentives to offset the cost of installing a solar rooftop system on your home or business. LADWP provides a one-time payment to customers who purchase or lease solar rooftop systems that generate power for their home or business while still being connected to the city's power grid. This way, when their system does not generate power (at night, for example) their electricity will be supplied directly by the power grid. When their system generates more power than they draw from the grid, their meter runs backward and the excess energy is reflected as a credit on their bill.
New York	NY	8,500,000	Solarize NYC and Shared Solar NYC

### Medium Cities (100,000 – 250,000 people)

Las Cruces	NM	101,000	Solsmart recognition in progress
South Bend	IN	101,735	In 2017, the City supported a residential Solarize campaign to increase solar PV installations in South Bend. We will be creating a climate action plan in 2019, which may include new policies or programs for citizen/business RE.
Erie	PA	101,786	We are just starting to look into these options and exploring developing policies. I do not know our TOTAL electric bill and this will take some digging.
West Palm Beach	FL	106,000	We have a PACE program in place for residential and commercial properties, do community out reach and education on energy conservation and renewable and as well

			as a Green Business Challenge that provides education and some resources to participating businesses
Boulder	CO	108,000	We have commercial and residential advising and rebate programs for efficiency, renewable and electric vehicles  <a href="#">Click here for more information</a>
West Covina	CA	110,000	Low interest loans
Lansing	MI	117,000	City is currently starting work on a sustainability plan which will include some or all of these items.
Columbia	MO	120,000	Columbia Water & Light provides rebates based on the overall capacity of a PV system (kW) as well as its energy production (kWh) during "peak" times. We also offer solar loans to help get you started! Your energy use will help you determine how big a system your home needs.
Columbia	SC	133,358	Our Climate Protection Action Campaign helps educate residents and businesses on many aspects of climate protection, including renewable options. (Primarily solar in Columbia, SC.)
Syracuse	NY	143,396	Syracuse supports the "Solarize" campaigns run by the regional MPO. These programs provide residents with free assessments of their homes' solar potential and perform bulk buys of installation services.
Bridgeport	CT	145,000	Operation Fuel and Posigyn have programs
Torrance	CA	147,175	Streamline solar permitting process. Collaboration with South Bay Environmental Services Center for information and programs regarding renewable electricity options.
Alexandria	VA	150,000	City is considering the C-PACE program
Clarksville	TN	150,287	The City/County funded Green Certification Program works one-on-one with local businesses to help them identify renewable energy options.
Fort Collins	CO	167,000	Fort Collins has a municipal electric utility that provides a wide range of programs and rebates to assist customers in choosing renewables.  <a href="#">Click here for more information</a>  <a href="#">Click here for more information</a>
Salt Lake City	UT	192,672	Our investor-owned utility offers numerous tariffs for either installing renewable energy on customer sites and/or participating in their green tariff programs (e.g., Community Solar).
Aurora	IL	200,456	Aurora made the process faster, easier, and more affordable to go solar.
Little Rock	AR	205,000	Much of the city is dependent on Entergy for electric utility service. They have a mixture of energy sources including a portion that is renewable. Hence other than solar, citizens do not have a lot of realistic options.

Rochester	NY	210,000	<p>The City is looking into the option of implementing Community Choice Aggregation which shifts the authority to select the supplier of electricity to the community. As a result, our community can choose renewable sources of energy supply so that we can most effectively achieve our climate goals and create a cleaner environment. Additionally, by leveraging the bulk purchasing power of the community, we can benefit from reduced electricity rates, lower price volatility and more local renewable energy development and clean energy jobs. The City is also considering ways to expand opportunities for residents to adopt Community Shared Solar which offers the community an alternative to installing individual rooftop solar panels which can have a high upfront cost or at times is not be feasible due to the condition or size of a roof, or lack of adequate sunlight at the building or home's location. Additionally, Community Shared Solar would be a convenient option for many residents as there is no burden of identifying and vetting installers as the solar company handles the operation of the solar array. The City launched "Solarize Flower City 2016" in partnership with local non-profits, ROCSPOT and NeighborWorks Rochester, to run a community-based public education and outreach campaign to to promote solar energy use and offer discounts for solar installations. The campaign was part of a state-wide initiative to go solar and was one of the actions that helped Rochester become the Clean Energy City designation by the New York State Energy &amp; Research Authority. The City of Rochester has been designated a New York State Certified Climate Smart Community and a Clean Energy Community that supports New York State's goals to reduce greenhouse gas emission 40% by 2030. The designation is a result of numerous requirements (installation of Electric Vehicle (EV) charging stations, installation of solar arrays, construction of the City Hall green roof, building efficiency upgrades, brownfield clean ups, and more) that the City has met. Through these projects, the City has led the way in raising public awareness regarding the progress towards renewable electricity.</p>
Fremont	CA	230,000	<p>East Bay Community Energy provides existing PG&amp;E customers with cleaner, cheaper electricity product. Commercial customers began enrollment in June 2018, and residential customers will begin enrollment in November 2018. The default rate offers 38% renewable / 85% GHG-free power, and the opt-up rate offers 40% renewable / 100% GHG-free power. Also, since 2015, the City has partnered with Bay Area SunShares to provide residents with the opportunity to purchase solar for their homes at pre-negotiated discounted pricing from local solar vendors. Finally, in 2017, the City passed an ordinance requiring all new residential construction to include mandatory solar PV systems.</p>

## Small Cities (< 100,000 people)

Lambertville	NJ	3,906	Through our Community Aggregation Program.
Aspen	CO	6,870	The city provides access to home energy assessments, commercial energy assessments, and offers rebates and incentives
Hermosa Beach	CA	19,772	Incentive/Fee waiver
Riverbank	CA	25,000	Several programs exists to assist in solar upgrades for homes and businesses
Laurel	MD	27,150	No, the City currently does not have policies or programs that focus on renewable electricity options. However, the City was recently designated as a Solsmart community and we are looking to start having innovative ways to promote renewable energy within the Community.
Pullman	WA	33,730	Through our public utility--Avista. We have converted, through a grant, all street lighting to LEDs. Our new city hall will have solar panels--a presentation next week.
Manhattan Beach	CA	35,000	Community Choice Energy through the Clean Power Alliance; PACE financing
West Hollywood	CA	35,000	The City promotes the programs made available through it's electric utility as well as offers a free solar technical assistance program to help property owners go solar.
Culver City	CA	38,883	The City has joined the Los Angeles County Clean Power Alliance which offers several tiers of renewable energy to all customers.
Everett	MA	43,340	City has adopted a stretch code.
East Hartford	CT	52,000	We promote solar options for commercial and residential properties via Town ordinances
Margate	FL	53,284	ILA with Broward County for the Go Solar program to assist residents with expedited permitting process for solar installations.
Fairfield	CT	55,000	Residential solar campaigns CPACE Promoting state plan for zero an low renewable energy credits Creating a Town wide sustainability plan
Revere	MA	55,000	National Grid is the only provider of renewable electricity options
San Rafael	CA	58,000	Authorized PACE financing, make available and promote EE and renewable energy programs, rebates, offerings from our utilities and NGO's. We also streamlined our permit process for solar PV.
Woodland	CA	59,068	The city participates in three PACE programs to allow property owners to finance renewable energy installations with low upfront costs. Additionally, as the city is a member agency of a CCA, Valley Clean Energy (VCE), residents and businesses may choose to opt-up to 100% renewable energy. Residents and businesses who opt-out of VCE to remain with PG&E may also choose to enroll in PG&E's 100% solar program.
Dublin	CA	61,656	The city has authorized five Property Assessed Clean Energy Programs (PACE) operating in Dublin. Commercial and residential PACE Programs are intended to allow property owners to finance energy and water efficiency improvements,

			including solar, and pay off the debt through annual installments on their property tax bill. In addition, the city promotes home energy upgrades through the Bay Area Regional Energy Network programs and is a partner in the Bay Area SunShares Program (SunShares). SunShares allows residents to take advantage of group-discount pricing for solar and electric vehicle purchases.
Encinitas	CA	65,000	One of the goals of the Climate Action Plan is to Achieve 100% renewable electricity supply in homes and businesses. Two supporting measures for this goal are the implementation and expansion for a green building incentive program and FACE financing options.
Camden	NJ	74,420	Incentives
Evanston	IL	75,000	Community electricity choice aggregation.
Bethlehem	PA	75,000	we are actively working on our GHG emission baseline and will then prepare goals.
Alameda	CA	78,906	Alameda Municipal Power, the city's municipal electric utility, has a program called Alameda Green. Alameda Green is a voluntary green program with a price premium. The program has been on the NREL top 10 list of voluntary green power programs for the past three years.
Gary	IN	79,803	Solarize Gary initiative, Eco-Communities program both explore renewable energy for energy for citizens and businesses in the city.
Napa	CA	80,000	The City authorized membership with a community choice aggregation program to provide city electric customers opportunities to purchase renewable energy. The City has also approved Property Assessed Clean Energy (PACE) programs to offer city property owners to pay for certain energy efficiency and renewable energy investments over time via their property tax bill.
Avondale	AZ	82,881	In addition to the electric utilities (APS & SRP) providing citizens and businesses renewable electricity options, the City of Avondale Green Business Program provides support to assist with implementation of sustainable practices including energy conservation and efficiency.
Bloomington	IN	85,071	The City partners with the Solar Indiana Renewable Energy Network to offer the Solarize Bloomington initiative, which provides discounts on solar panels and installation through a group buying program, while providing seed money for Solar For All grants to lower-income households. This program is available to businesses, nonprofits, and residents. In 2017, 138 solar PV systems were installed in the program area (which includes locations outside of City limits), estimated to generate 16,207 kWh of electricity per year. This program is also being offered in 2018.
Nashua	NH	87,882	The city is currently conducting a Solarize+ Campaign to promote bulk purchase of individual solar on res. & comm. property and weatherization/energy efficiency retrofits. We have streamlined permitting for solar installations. We also have <a href="http://liveablenashua.org">liveablenashua.org</a> which tells the story of all the great renewable



			energy projects the city is undertaking and encourages others/individuals to make similar choices and directs them to resources.
Santa Barbara	CA	90,000	City is evaluating establishing community choice energy, which would provide choice.
San Leandro	CA	90,465	The City of San Leandro is a member of the CCA, East Bay Community Energy (EBCE). We have opted up for the 100% Greenhouse Gas-free rate option, Brilliant 100 for municipal accounts. We hosted the EBCE launch for commercial and industrial accounts in June 2018 and are actively promoting the EBCE program to residents, slated to launch in November 2018
Miami Beach	FL	91,562	The City of Miami Beach has adopted PACE (Property Assessed Clean Energy). PACE is a financing platform which eliminates the barrier of high upfront costs by allowing property owners to pay off energy efficient and/or green energy improvements through an assessment on their property tax bill. Now residents will have access to three PACE programs: Alliance NRG (Florida Pace Funding Agency), Clean Energy Corridor (Ygrene), and RenewPACE (Renew Financial). These programs will finance qualifying improvement projects, including energy efficiency and renewable energy. We are partnered with EnergySage which provides resources on solar technology, cost benefits, financing, purchasing, and installation. Additionally, the City has waived all photovoltaic related building permit fees and has also waived fees related to Land Use Board Approval. (The fee for application for public hearing related only to a solar roof or a renewable energy system on an existing building shall be waived. )
Santa Monica	CA	92,000	Solar Santa Monica - technical assistance program to help property owners understand and purchase solar, battery storage and EV charging stations
Carson	CA	95,000	The City's participation in a CPA will more easily allow citizens and businesses access to renewable electricity.