

Cities with city-wide renewable energy goals (including commercial and residential)

Large Cities (250,000+ people)

Boise	ID	250,000	Working on a renewable energy strategic study that will lead to setting goals
Madison	WI	250,000	100% Renewable/Zero Net Carbon
Buffalo	NY	258,612	Buffalo's Energy Master Plan (2015) sets the first energy benchmarking target goal of 20% reduction in municipal energy use by 2020, but does not explicitly state a goal for community energy use.
Durham	NC	263,016	We are in a Dillon's Rule state and a regulated monopoly utility state, so we have no control and very little influence over the energy mix in our city outside of municipal operations.
Chula Vista	CA	267,000	100% by 2035
Orlando	FL	282,000	100% renewable energy by 2050. We are developing a comprehensive "Roadmap to 100% RE" plan that will outline the various strategies, including solar cooperatives, community solar, incentives for rooftop solar, incentives for energy storage, energy financing programs, and more.
New Orleans	LA	389,617	the city has set a goal in its climate action strategy scheduled to be released later this month.
Oakland	CA	424,000	Electricity is provided by East Bay Community Energy, the regional CCA. With baseline electricity provided by 85% carbon free sources, policy attention is focused on other areas of greenhouse gas reduction, such as eliminating natural gas use in buildings, lowering gasoline use in cars, and improving local air quality.
Raleigh	NC	458,880	The City's Comprehensive Plan states that by 2030, the City will increase the use of renewable energy to meet 20 percent of Raleigh's peak electric load, or maximum electric demand that is typically reached during normal business hours. The City is in the preliminary stages of developing a community-wide climate action plan (CCAP) that will include data-driven actions and strategies to reduce GHG emissions.
Long Beach	CA	470,130	The Sustainable City Action Plan (2010) states a goal to facilitate the development of at least 8 MW of solar energy within the community by 2020. Further or revised targets may be discussed in the the City's upcoming Climate Action and Adaptation Plan. The city is seeing an interest in the community to integrate solar energy, private installations have totaled over 25 MW. From January 2017 to June 2018, 1,048 building permits for photovoltaic solar permits were approved. Through the Downtown Plan Program Environmental Impact Report (PEIR), new developments are required to include provisions for reducing operational GHG Emissions on every new building. This can include a provision of alternative energy such as rooftop solar. The City also partners with GRID Alternatives, who has completed over 200 installs on low-income housing in Long

			Beach. The City will expand on its successful strategies and adopt new policies promoting renewable energy through the CAAP.
Kansas City	MO	478,000	The City's Energy Efficiency & Conservation Strategy (adopted 6/11/09) includes a goal of generating 200 million kWh/yr from renewable energy sources to provide energy used in municipal operations & citywide (Resolution No. 090461). If KCP&L obtains state regulatory approval for its proposed renewable energy program, the City intends to enter into an agreement to procure approx. 300 million kWh of electricity annually & will encourage other large electricity users in Kansas City to do likewise.
Mesa	AZ	496,401	Mesa is looking to implement solar where it is financially beneficial.
Atlanta	GA	500,000	The City Council has committed to transition to 100% clean energy by 2035 community-wide. This will be achieved through policies and investments to promote local energy efficiency and renewable energy investments, as well as through partnerships with local utilities to procure additional renewable energy.
Las Vegas	NV	640,174	The City will be beginning a new master plan for 2018 that, per Council resolution, will include new and updated goals for community resilience, net-zero energy, and sustainability
Portland	OR	650,000	Portland City Council adopted a 100 percent renewable resolution in 2017, which calls for 100 percent renewable electricity by 2035 and 100 percent renewable in heating and transportation sectors by 2050. The Climate Action Plan will be updated to reflect these new goals in 2020, but the pillar strategies are essentially the same: energy efficiency and renewable energy. The big new pieces are transportation electrification and decarbonizing the heating sector through building electrification.
Nashville	TN	667,560	10 MW by 2020 and 30% by 2030
Boston	MA	685,094	The 2014 Climate Action Plan Update called for a total of 20MW of commercial solar. Based on building permit data through our inspectional service division, we had passed this goal as of late 2016. As of 2017, Boston has installed 23 MW of commercial solar and an additional 11 MW of residential solar on residences of 3 units or fewer.
Washington	DC	693,972	The District's Sustainable DC plan sets a goal of reducing energy consumption 50% (from a 2012 baseline) and to getting 50% of that energy use from renewable sources by 2032. The District has a multi-pronged approach to achieve this goal, including initiatives supporting commercial and community renewable energy systems. The primary tool to achieve this goal is the District's Renewable Energy Portfolio Standard (RPS), which was strengthened in 2016 such that 50% of the energy sold in the District will come from renewable sources, including 5% from local solar. The Clean Energy DC plan additionally recommends a 100% RPS requirement by 2050. The term "renewable energy sources" is defined as solar, wind, tidal, geothermal, biomass, hydroelectric power and digester gas. In addition, Sustainable DC aims to build 1,000 new residential and commercial renewable energy projects between 2006 and 2032. In 2017 alone, the

			<p>District added over 685 systems totaling 15.2MW. Similarly, the Comprehensive Plan for the District (managed by the Office of Planning) includes several goals around renewable energy throughout its chapters on infrastructure, housing and environmental protection. Examples include referencing the District's Renewable Portfolio Standard (RPS), promoting the use of renewable energy, and procuring green power for District operations. The DC Office of Planning is currently updating the Comprehensive Plan, working with the Department of Energy and Environment to ensure it aligns with and makes reference to the city's sustainability and emissions reduction goals contained in the Sustainable DC and Clean Energy DC plans, both of which were adopted after the current Comprehensive Plan was last updated and which specify goals and targets around renewable energy. The updated Comprehensive Plan will also reflect the strengthening of the District's RPS since 2011, which now requires that 5% of total electricity be met from District-generated solar resources by 2032. In addition to the PPA-driven deployments within city government, the District's Housing Authority (DCHA) has been awarded a \$5 million grant to support the District's Solar for All program, aimed at helping seniors, and low-income households increase their access to solar power. Solar for All aims to provide solar electricity and its benefits to 100,000 low-income households by 2032 and to reduce their electric bills by 50 percent. The grant will support DCHA's solar efforts by providing funding for roof repair or replacement, electrical upgrades, as well as solar and battery storage at DCHA's properties. DCHA has already transitioned 204 units at their Highland Dwellings property from a gas-fired heating system to a geothermal platform as part of their carbon reduction efforts.</p>
Denver	CO	700,000	<p>Our plans are set forth in the 80 x 50 climate action plan that we released in July 2018. The plan can be viewed here.</p>
San Francisco	CA	890,000	<p>San Francisco has a goal of delivering to all residents and businesses 50% RE by 2020 and 100% RE citywide, including municipal operations, by 2030. Between the City's two utilities (e.g., IOU & MOU), the grid is 44% RE today. San Francisco intends to reach its goals through expansion of its new community choice aggregation program, CleanPowerSF which currently has a Green product (currently 40% RE, in state wind, no unbundled RECs) and a SuperGreen product (currently 100% RE, in state wind, no unbundled RECs). San Francisco will continue to drive policies like its Better Roofs Ordinance which requires the installation of rooftop solar and / or living roofs on all new construction up to 10 stories. The City also plans to reach this goal through coordination with PG&E who is on track to meet their state RPS requirements.</p>
Austin	TX	949,587	<p>Yes our municipally owned electric utility has a generation plan to meet their goal of 65% renewable electricity generation and 90% carbon free power by 2027.</p> <p>Click here for more information</p>

Honolulu	Hawaii	998,714	Support state goal of 100% renewable energy by 2045. Paris Agreement pledge to create GHG inventory and set reduction goals for city. Electrify transportation and promote energy efficiency.
San José	CA	1,046,079	The City will be launching San José Clean Energy to residents and businesses in Spring 2019 with 40% renewable and 100% greenhouse gas free electricity. At the launch of San José Clean Energy, customers will also have the option of opting up to 100% renewable energy. The City has set a goal of 60% renewable energy by 2030, 87% by 2040, and 100% renewable energy by 2050 in San José Clean Energy's power mix.
Phoenix	AZ	1,600,000	A large share of renewables is implied in the goals of 30% reduction in GHGs by 2025, 80%-90% reduction in GHGs by 2050, Carbon positive new construction by 2050, Carbon neutral city by 2060. It will achieve this goal by making electricity carbon neutral, all vehicles electric or carbon neutral, so both transportation and buildings are carbon neutral.
Houston	TX	2,250,000	Not politically feasible in Houston's deregulated electric market.
Los Angeles	CA	4,030,904	The Department of Water and Power (LADWP) set a path in their 2016 Integrated Resource Plan (IRP) to incorporate early coal replacement in 2025, a 33% renewable portfolio standard (RPS) by 2020, 50% RPS by 2025, 55% RPS by 2030, and 65% RPS by 2036, including a goal of 900 MW local solar by 2025 and 1,500 MW local solar by 2035, energy efficiency of 15% by 2020, 404 MW of energy storage by 2025, and additional program incentives to support high electrification of the transportation sector. The goal of 900 MW local solar includes 450 MW of local solar Feed in Tariff (FiT), 410 MW of customer net-metered solar, and 40 MW of Community Solar by 2025. By 2035, the medium local solar goal expands to 1,500 MW, which would consist of 700 MW of FiT, 760 MW of customer net metered solar, and 40 MW of Community Solar. A 900 MW local solar program by 2025 will provide flexibility for LADWP to learn and grow based on experience gained from the program, and potentially further expand the local solar program up to 1,500 MW by 2035. In June 2017, DWP launched a 100% Renewable Energy Study to determine investments needed to fully transition to renewable energy.
New York	NY	8,500,000	The City has a goal to install 1,000 MW by 2030, and to deploy 100 MWh of energy storage by 2020. Through Mayor de Blasio's One City: Built to Last initiative, the NYC Solar Partnership is leading the implementation of two solar programs that will help to expand access to clean, reliable and affordable solar energy for all New Yorkers: Solarize NYC and Shared Solar NYC.

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

South Bend	IN	101,735	We will be creating a climate action plan in 2019, which may include an RE goal.
West Palm Beach	FL	106,000	This is in development and the City has identified renewable energy as a key strategy for achieving net zero emissions by 2050. We have also signed on to the 100% Renewable goal.
Boulder	CO	108,000	100% renewable electricity by 2030 100 MW of local renewable energy generation by 2030 Forming a municipal electric utility that will provide 100% renewable electricity. Encouraging distributed solar through rebates, advising services, regulation, energy codes, and bulk purchasing programs.
West Covina	CA	110,000	We don't have a city goal. The state does
Columbia	MO	120,000	We are a municipal electric utility and have a renewable energy portfolio standard that requires purchasing a portion of energy consumed by renewable sources. We do this through wind, solar, and landfill gas contracts. We also have incentives for local solar generation.
Elizabeth	NJ	124,969	Currently, of all the renewable energy sources, solar energy has the greatest potential to have an immediate impact on the City of Elizabeth. The technology is commercially available and it does not require any additional space as the panels are placed on top of already constructed buildings and houses. The City seeks to employ a range of strategies to create a market and ensure that the use of solar energy meets its long-term potential and contribute more significantly to overall supply.
Columbia	SC	133,358	Planning currently underway.
Dayton	OH	141,000	The City is developing a sustainable strategic plan which will include goals.
Syracuse	NY	143,396	No, there is no established renewable energy goal for the community.
Fort Collins	CO	167,000	2015 Energy policy goals: • Increase the overall amount of renewable energy to a minimum of 20 percent by 2020 • Increase the amount of distributed renewable energy to provide a minimum of 2 percent of community electricity requirements by 2020 Climate Action plan provides strategy and Energy Policy provides guidance; achieving the goal is dependent on funding
Tempe	AZ	170,000	Currently working on a climate action plan to adopt a community wide renewable energy goal. Should be finalized in 2019.
Newport News	VA	181,825	The City's "Roadmap to Sustainability" identified three goals for Energy Efficiency and Conservation; Promote green businesses and energy independence and search for renewable energy opportunities; Promote energy efficiency and conservation practices and technologies in City facilities and vehicles; and Promote energy efficiency and conservation awareness in the community.
Salt Lake City	UT	192,672	100% renewable electricity by 2032. This commitment was made via a joint Mayor-City Council Resolution and we have a supporting Cooperative Statement with our Investor Owned Utility to collaborate on implementation (Click here to learn more about SLC Climate Positive).

Aurora	IL	200,456	By reducing our carbon footprint as well as increasing energy efficiency across various sectors.
Little Rock	AR	205,000	We have set a goal of 50% renewable by 2025.
Des Moines	IA	210,000	Mayor has stated goal of net zero by 2040
Rochester	NY	210,000	<p>The City of Rochester has a greenhouse gas emissions reduction target goal of 40% by 2030 based on a 2010 baseline as part of the city-wide Climate Action Plan. Renewable energy and energy efficiency account for 78% of the potential emissions reductions that will help fulfill the 40% by 2030 greenhouse gas emissions reduction goal, so renewable energy adoption is definitely a focus in the Climate Action Plan. In August 2017, the Mayor pledged to transition to 100 percent clean energy, as she endorsed the Sierra Club's "Mayors for 100 percent Clean Energy" vision and joined 141 mayors nationwide to lead action against climate change. Mayor Warren also announced that the City intends to pursue options for a Community Choice Aggregation program. Policies and programs that help citizens and businesses choose renewable electricity options will be included in the implementation of the Climate Action Plan moving forward. Climate Action Plan:</p> <p>Click here for more information</p>
Birmingham	AL	212,157	The Birmingham Comprehensive Plan which was adopted in 2013 recommends as a major action to adopt a Citywide Sustainability Plan. Birmingham is currently in the process of undertaking the effort to create a Sustainability Plan. Establishing citywide renewable energy goals benchmarking of policies and inventory of emissions will all be considered and evaluated for implementation during the development of a Citywide Sustainability Plan.
Tacoma	WA	214,000	We have a state Renewable Energy Standard (our public utility is also 98% carbon free as it is hydropower)
Fremont	CA	230,000	In California, the statewide RPS sets a goal of 33% by 2020 and 50% by 2030. The East Bay Community Energy Authority has the goal of launching in 2018 with a 50% renewable energy mix and offering a 100% opt-up option.
Reno	NV	240,000	This is a draft goal scheduled to go before City Council for adoption in October 2018: Increase City-wide Distributed, Renewable Energy Generation 15% by 2025.

Small Cities (< 100,000 people)

Aspen	CO	6,870	<p>Integrate space and water heating equipment standards into building codes. Facilitate education and accreditation for contractors, architects and property managers. Implement sleep mode technology for second homes when unoccupied. Encourage and require energy efficiency upgrades for rental units. Require high efficiency air conditioning systems as AC use becomes more prevalent. Support commercial energy benchmarking and incremental EE improvements through policy. Provide incentives for new and remodeled buildings to build above code. Limit GHG emissions from future</p>
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Hermosa Beach	CA	19,772	Outreach, incentive programs, and regulation
Easton	PA	30,000	energy efficiency ordinances, solar power ordinances
West Hollywood	CA	35,000	The City plans to achieve this goal through its Solar Technical Assistance program, making four PACE programs available in the City, and participating in the Southern California Clean Power Alliance (CPA).
Hallandale Beach	FL	39,500	A renewable energy goal will be included in the soon to be completed (early 2018) Sustainability Action Plan or in a future greenhouse gas inventory.
Culver City	CA	38,883	There is a state mandated goal of 33% which applies to public utilities. The Clean Power Alliance will offer several renewable tier levels to commercial and residential customers. Potentially, the City could consider goals through the City's General Plan process, but that needs to be researched further.
San Bruno	CA	44,000	Pending as part of the Climate Action Plan (in draft)
Saint Louis Park	MN	49,029	100% renewable electricity by 2030 -net zero energy construction; fuel switching to cleaner electric grid; adding renewable energy
East Hartford	CT	52,000	Our baseline is 20% and we periodically revisit it to raise it
West Sacramento	CA	53,163	Community-wide reduction target of 9,000 MTCO _{2e} by 2020. Promote and incentivize installation of solar PV and other renewable energy projects.
Revere	MA	55,000	The City of Revere's renewable energy goal is to reduce its energy consumption by 10%. The city plans to do this through the expansion and monitoring of every departments energy consumption.
Corvallis	OR	56,000	Adoption of the Corvallis Climate Action Plan sets targets for reduction through 2050. On the community side, implementation is just beginning with a City Council Advisory Board working to generate momentum.
San Rafael	CA	58,000	We rely on state green building codes to drive this
Woodland	CA	59,068	The city's Climate Action Plan establishes goals of solar PV energy generation or green electricity purchases for residential users of 25.9 million kWh by 2020 and 38.8 million kWh by 2035 and solar PV energy generation or green electricity purchases for businesses, institutions, and schools of 35.5 million kWh by 2020 and 48.7 million kWh by 2035. The city plans to achieve these goals by encouraging the use of renewable energy in development of Specific Plan areas, providing information to residents and businesses about available PACE programs, and promoting the installation of public and private renewable energy production systems.

Eden Prairie	MN	63,151	Currently creating a new city-wide energy plan.
Schenectady	NY	64,913	In June of 2017, Mayor Gary McCarthy signed the Mayors for 100% Clean Energy Endorsement. We have also been awarded grant funding towards PHEVs and EVSE infrastructure. We will soon be applying for grant funding to conduct a sustainability and vulnerability assessment which will dive deeper into City goals and our plans to achieve them.
Encinitas	CA	65,000	The city has an objectives in the Climate Action Plan to promote renewable energy installation on residential , commercial and municipal buildings . These goals will be achieved through the implementation of the Climate Action Plan. In particular, the Climate Action plan includes City Actions RE-1 (establish a community choice energy program), RE-2 (Require new homes to install solar photovoltaic systems) and RE-3 (Require commercial buildings to install solar photovoltaic systems).
Walnut Creek	CA	70,018	The Climate Action Plan includes measures to increase renewable energy. It is projected that an additional 1600 homes and 60 businesses need to install solar by 2020 to achieve the CAP goals. The City has joined MCE, a community choice energy program, which provides a default of 50% renewable energy, offers a 100% option, and has additional NEM and feed-in tariff incentives for rooftop solar.
Waukesha	WI	72,363	Use Focus on Energy for city buildings when applicable
Evanston	IL	75,000	100% renewable electricity for residents and small businesses through Community Choice Electricity Aggregation since 2012. Working to develop a strategy to get large employers to increase or begin their purchase of renewable energy. We are also working to get solar installations on numerous public buildings as a way of demonstrating the feasibility of onsite solar generation on multiple facilities.
Alameda	CA	78,906	The city must meet the state's renewable portfolio standard and has plans to provide carbon neutral electricity to all of Alameda in 2020.
Napa	CA	80,000	A specific city-wide renewable energy goal has not been established, however, the City's Sustainability Plan identifies recommended actions to be taken in the areas of mobility and transportation, energy, recycling and waste reduction, local food, natural & built environment, local business and economy and community connectedness as means to support a more sustainable community.
Avondale	AZ	82,881	Installation of solar panels. Renewable energy to provide 20% of City's energy by 2025
Santa Fe	NM	83,000	Not a specific RE goal, but the city (the entire community) has a goal of achieving carbon neutrality by 2040.
Newton	MA	84,000	20% by 2020
Santa Barbara	CA	90,000	100% renewable electricity by 2030
Miami Beach	FL	91,562	On April 26, 2017, the Mayor and City Commission supported the Sierra Club's #readyfor100 campaign, which challenges 100 cities across the United States to set a target of 100% clean

			energy, urging the 2017 U.S. Conference of Mayors' participants to commit to 100% renewable energy. As part of the City of Miami Beach Rising Above Resiliency Strategy, a Climate Action Plan is being created which includes goals and actions regarding renewable energy. The Rising Above Resiliency Strategy should be complete by 2019.
Carmel	IN	92,000	Carbon neutrality by 2040. A great varieties of things be implemented to achieve this goal.
Santa Monica	CA	92,000	100% by 2030, Community Choice Aggregation
Carson	CA	95,000	The City of Carson has joined a local Community Choice Aggregation Authority called Clean Power Alliance of Southern California (CPA). The City Council has also set the renewable default rate to 50% renewable by 2019.