



# Renewable Energy

## POWERING OUR COMMUNITY WITH CLEAN RENEWABLE ENERGY

### About 79 percent of electricity used in San José homes and businesses each

year comes from limited, nonrenewable sources and generates nearly 1.1 million metric tons of carbon dioxide. Switching to 100 percent clean, renewable energy sources will dramatically reduce the City's carbon footprint, while lessening our dependency on fossil fuels.

Renewable energy comes from naturally replenished resources and emits little or no greenhouse gases. Innovation and investment are key to providing affordable, renewable energy to the community, and in achieving this goal, the City will improve the environment, create local jobs, strengthen energy security and boost the economy.

### WHAT WE ARE DOING

-  Residents, businesses and the City installed more than 47 megawatts of solar to-date throughout San José.
-  Financing solar installations on City facilities using Power Purchase Agreements
-  Testing other renewable sources, such as biogas and organic waste, through pilot partnership projects.

### GET INVOLVED

-  Maximize financial assistance through tax credits and incentives.
-  Learn more through [www.GoSolarCalifornia.org](http://www.GoSolarCalifornia.org).
-  For more information on resources and workshops, visit [www.sanjoseca.gov/ESD](http://www.sanjoseca.gov/ESD).

### ABOUT THE GREEN VISION

The San José Green Vision, a 15-year plan adopted in 2007, charts ambitious goals for clean tech jobs, energy use reduction, renewable energy, green building, waste reduction, water reuse, sustainable development, clean fleet, trees, zero emission streetlights and interconnected trails. The plan is designed to lead us into a future of economic growth, environmental sustainability and an enhanced quality of life for our community.

Learn more: <http://greenvision.sanjoseca.gov/>

### GOAL

Receive 100% of our electrical power from clean, renewable sources

### HIGHLIGHTS

- San José is continuing to work with Solarcity to install solar on various municipal sites using power purchase agreements. In total, San José plans to install 1.6 MW of solar, equating to \$2.6 million in estimated savings.
- According to California Statistics, San José currently has the most megawatts of solar installed in California.



### CONTACT INFO:

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## GREEN VISION GOALS

### BY THE YEAR 2022:

-  1. Create 25,000 Clean Tech jobs as the World Center of Clean Tech Innovation
-  2. Reduce per capita energy use by 50 percent
-  3. Receive 100 percent of our electrical power from clean renewable sources
-  4. Build or retrofit 50 million square feet of green buildings
-  5. Divert 100 percent of the waste from our landfill and convert waste to energy
-  6. Recycle or beneficially reuse 100 percent of our wastewater (100 million gallons per day)
-  7. Adopt a General Plan with measurable standards for sustainable development
-  8. Ensure that 100 percent of public fleet vehicles run on alternative fuels
-  9. Plant 100,000 new trees and replace 100 percent of our streetlights with smart, zeroemission lighting
-  10. Create 100 miles of interconnected trails



### CONTACT INFORMATION

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