

# Energy



## SAVING ENERGY AND MONEY THROUGH CONSERVATION AND EFFICIENCY

### Energy powers our lives. We depend on it to run our homes and businesses.

More than 11.2 billion kilowatt hours of energy is used in San José each year, which translates into 2.3 million metric tons of carbon dioxide.

To reach its energy reduction goals, San José needs the participation and support of everyone in the community. Residents, businesses, visitors and employees will find a wealth of resources designed to help them save both energy and money, using simple techniques and efficient systems.

### WHAT WE ARE DOING

-  To date, the City has implemented municipal energy efficiency retrofits that will save an estimated \$1 million each year; a revolving City Energy Fund enables investment of savings in future energy efficiency projects.
-  Establishing partnerships with PG&E, the State of California and other organizations on various energy efficiency programs.
-  Conducting energy efficiency training workshops and residential and small business outreach; promoting an energy efficiency tool lending library.

### GET INVOLVED

-  Reduce energy use through simple actions: replace incandescent bulbs with new energy-efficient light bulbs, unplug appliances when not in use, insulate your home or business and caulk around windows and doors.
-  Access free energy audits, retrofits, technical assistance, education and training available through Santa Clara County/Silicon Valley Energy Watch (<http://energy.sanjoseca.gov/energy-efficiency>)
-  Learn about rebates and incentives for energy efficient appliances and equipment through PG&E ([www.pge.com](http://www.pge.com))

### 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.

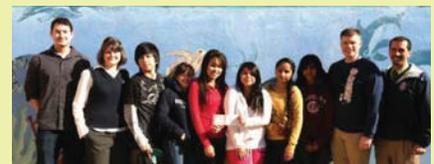
Learn more: <http://greenvision.sanjoseca.gov/>

### GOAL

Reduce per capita energy use by 50 percent

### HIGHLIGHTS

- During 2012, the Santa Clara County/Silicon Valley Energy Watch Program run by the City served over 1,500 homes and small businesses county-wide, saving nearly \$3 million in utility bills, to date the program has helped almost 3,000 homes and businesses.
- The Community Energy Champion Grants program, which provided technical assistance and \$335,000 in grants to 18 recipients. The grant recipients reached out to 19,000 people in targeted communities to increase energy efficiency awareness.



### 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



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