REDUCTION MEASURE #1

GreenFocus
CITY OF SANTA CRUZ

ENERGY USE IN THE BUILT ENVIRONMENT

The most direct role for any municipality in reducing GHG emissions in the built environment is through improved energy efficiency of its own buildings and infrastructure. These and other municipal conservation and efficiency efforts have led to an estimated 16% reduction in City greenhouse gas emissions since 1996 compared to what would have been emitted without these programs.

Reduce Energy Use in Municipal Buildings and Operations by 40%

Formalize a Santa Cruz Municipal Energy Management Office to coordinate energy use practices, efficiency upgrades, and future investment in renewable energy among departments and services. GHG = 1,117

Two key energy use reduction measures are to establish the Santa Cruz Municipal Energy Management Office and hire a Municipal Energy Manager. In June 2013 the City hired a Facilities Maintenance and Energy Projects Coordinator to coordinate energy use practices, efficiency upgrades, and future investment in renewable energy among City departments and services.

The Facilities Maintenance and Energy Projects Coordinator will work with department staff to identify funding resources such as municipal funds, municipal return on investment, and State and Federal subsidies for the coordinated implementation of the priority projects outlined within the Energy Efficiency and Conservation Strategy (EECS).

WHAT WE'RE DOING

Establishing an Energy Management Office and an energy use reduction plan for every City Department.

Integrating new efficient equipment and reduction measures for the Wastewater Treatment Facility, Water Department and Information Technology Department to reduce energy use 10% below 2005 values.

Completing a facility benchmarking and energy reduction strategies to reduce energy use an additional 10%.

DETAILS

PRIMARY LEADS:
Water, Public Works, Climate Action

INITIAL COST: Medium $200,000-$1,000,000

GHG REDUCTION:
1,117 Metric Tons

STATUS:

- Energy Efficiency Staff Hired
- Facility benchmarking study complete
- 1,198 street lights converted to LED

CONTACT

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