

Division Objectives

The Sustainability Division embraces the Mayor's promise that "We Work for You." One of the primary focuses has been to improve air quality and our environment. This will be achieved by improving energy efficiencies and the sustainability of facilities throughout the City's properties. Reducing our carbon footprint will be achieved by decreasing the amount of energy used, increasing the generation of renewable energy, and converting City vehicles to hybrid or alternative fuels.

The Division is committed to:

- Improving air quality by reducing greenhouse gas emissions
- Saving taxpayer money
- Increasing renewable energy generation
- Building a stronger Fresno economy
- Creating local jobs
- Providing utility rate stability
- Improving community confidence
- Engaging on state energy policies that impact cities

Division Engagement

The Division has led and supported several City sustainability efforts to include energy efficiency, renewable solar energy and battery storage projects, installation of electric vehicle (EV) chargers, State and local compliance reporting, and state energy legislation support. Projects are successfully implemented with nearly no out-of-pocket costs to the City.

- Negotiated over 34 MW of new combined solar and battery storage projects at 8 sites to support City energy load
- Supported LED streetlight conversion savings of 8.9 million kWh annually and annual bill savings of \$1.6 million
- Implemented energy efficiency projects at 76 sites to include City Hall, the MSC; Parks, Fire, & Police facilities by negotiating performance contracts.
- Conversion of 19 gas water heaters to electric utilizing over \$200k in program funding

Successful Financial Results

- \$143 million in solar & battery electricity savings over 20 years
- \$66 million projected energy efficiency savings over 20 years
- Secured \$775,000 in EV charger infrastructure grants to install 87 charging stations
- Securing nearly \$500K in Federal Energy Grants to support an energy data management system.
- Negotiated \$260,000 in program operation funds from PG&E
- Researched solar system discrepancies and negotiated a \$99,930 PG&E bill credit for the City

Environmental Improvements

70 million kWh savings helps clean our air and is equivalent to:

- Removing 10,500 vehicles off the roads
- Enough electricity to power 9,600 homes
- 49,600 Metric Tons of CO2 emissions avoided
- 820,000 trees grown for 10 years