

The City of San Diego

LOCAL GOVERNMENT PARTNER IN ENERGY EFFICIENCY



“This partnership has been of tremendous value to San Diego, both intensifying our focus on energy efficiency and amplifying collaboration among regional local government entities, maximizing our outreach to residents and businesses.”

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Nearly two dozen recreation center gyms scored upgraded lighting, winning an approximate energy savings of almost 72,000 kWh and \$20,349 annually.

**Annual Savings: 11,148,464 kWh; 6,265 therms
Partnership Incentives: \$1,108,553**

Highlights

- Energy-efficiency facility improvements
- Net zero milestones
- Investment in a green city
- Community education and outreach
- Smart Energy Management System
- CFL bulb recycling

Leading the nation in creating a sustainable future

The City of San Diego is committed to both its citizens and the environment as it diligently pursues solutions to help create a sustainable energy future. Its Local Government Partnership with SDGE® has been a catalyst for achieving the energy efficiencies and greenhouse gas (GHG) savings to support this endeavor. Working together to promote energy efficiency and conservation to the city's employees, residents and local businesses, the city has also become a regional leader in its development of an education and outreach program with other local governments. Access to the partnership's network of stakeholder groups has facilitated the city's comprehensive assessment of codes, standards, policies and voluntary initiatives that drives the success of their efforts. Partnership funding has enabled the city to maintain consistency in its program development as it reaches for 2020 climate targets and energy goals.

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About the City of San Diego

The City of San Diego has lived up to auspicious beginnings and remains an ever-vigilant leader in sustainability. As the country's eighth largest metropolis encompassing over 342 square miles and 1.3 million residents, the city is comprised of 52 community planning areas and more than 100 distinctive neighborhoods. A well-managed city government of 55 departments and over 10,000 employees support a thriving and sustainable San Diego that daily earns its moniker as "America's Finest City."

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City flips the switch on a watt of savings

Boosting energy efficiency has been a slam dunk in nearly two dozen recreation center gyms, showcasing works of art within Balboa Park museums and a bright idea along 3,000 miles of city streets. With an average 25% of the energy budget spent on street lighting, the city took an active role in the partnership's Street Light Working Group and used induction lighting technology to convert 37,000 poles and illuminate an energy savings of approximately 16,000 MWh and 6,630 tons of GHG emissions. Dozens more municipal facilities continue to be surveyed for optimum energy-saving opportunities, such as an upgraded administration building boiler, which achieved an average annual natural gas reduction of 15,000 therms and 1,000 gallons of make-up water. Continuing to think big about energy efficiency, the city is poised to graduate to a Smart Energy Management System (SEMS) anticipated to reduce energy use by 10 to 30% in municipal buildings.

Community planners champion green city

From Otay Mesa to Ocean Beach, plus a dozen neighborhoods in between, the partnership supported comprehensive efforts to invest in a green city by updating energy-efficiency and long-term sustainability initiatives in community plans. Funding was dedicated to long-range planning that addresses environmental concerns around traffic, zoning, air quality, biology, GHG, geology, hydrology, recreation, noise and land use. Thousands of community-planning group members were invited to participate in the development of land use and climate mitigation and adaptation planning for their neighborhoods.

Tuning in to energy efficiency

Teaming up with a local news station, the partnership promotes energy efficiency and water conservation best practices through the Green Business Network. On-air success stories broadcast savings tips while behind-the-scenes outreach helps energy-efficient businesses advance their savings through My Account, SDG&E's online energy management tool. Further empowering San Diego residents to champion environmental stewardship through proper disposal of compact fluorescent bulbs, a CFL bulb recycling program collected nearly 5,000 bulbs in 2011.

Earning an "A" in sustainability

A highlight of the city's community outreach and education is the Green Schools program and annual Green Students Youth Forum, where hundreds of high school students learn about GHG emission reduction through energy efficiency and conservation. From an energy debate to tours of a demonstration garden built from recyclable materials, the program facilitates next-generation dialogue by connecting tomorrow's leaders with today's decision makers. The city also hosted an additional 50 future-focused public presentations on sustainability, leveraged the collaborative resources of the partnership and conducted comprehensive staff training to support its reach of GHG reduction goals.

California's Long Term Energy Efficiency Strategic Plan is a roadmap to integrate cost-effective, energy-efficiency practices through 2020 and beyond. The Local Government Partnership Program (LGP) is a collaboration between regulated utilities and numerous organizations to help our local governments become leaders in reducing energy use and emissions. The City of San Diego is part of this energy solution through its partnership with SDG&E. Working together we lead by example by fostering an environment of sustainability through new initiatives.

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