News from

Interim Mayor Todd Gloria

City of San Diego

NEWS RELEASE

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San Diego to Save More than $250,000 Annually with Smart Street Lighting Technology

San Diego is First Large U.S. City to Adopt LED Street Lighting with Wireless Controls for Decorative Downtown Lighting

SAN DIEGO, CA (January 28, 2014) – Interim Mayor Todd Gloria announced today that San Diego will illuminate its downtown area with a smart lighting system including LED street lighting, making it the first city in the United States to adopt GE's LightGrid™ technology for decorative street lights.

"Light controls are going to be a game changer for the city of San Diego," said Interim Mayor Gloria. **"This innovation will provide us with real-time data on lights that are malfunctioning or not working at all, so communities can feel safe with improved lighting while the historic look of the lights is preserved."**

The new system will offer improved and energy-efficient lighting that will save the city more than $250,000 in energy costs each year.

Highlights of the project include:

- Replacement of 3,000 city lamps, which began earlier this month and is expected to be completed by late spring 2014
- Energy savings to the city of San Diego of approximately $254,000 annually
- Over 2.5 million kilowatt-hours of energy saved annually. This is an equivalent greenhouse gas reduction to lowering the energy use of 90 homes for one year
- Wireless technology allows for accurate measurement of energy usage
- Innovative technology with GPS location features, allowing for an accurate measurement of energy usage by individual street light
- Custom engineered decorative street lights that embed the wireless controls technology to retain their historic appearance

The new system will not only enhance the city's street lighting but will revolutionize urban lighting systems with technology that provides accurate energy metering per light pole, allowing municipalities to pay for the energy they actually use.

Maryrose Sylvester, president and CEO, GE Lighting, said, **"We are extremely proud of the many benefits that our LED and LightGrid technology will have on San Diego. This project introduces a technology that provides significant energy savings. Once**

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installed, the technology will allow the city to shine smarter through energy and cost savings of more than a quarter of a million dollars a year."

Smart street lighting technology is designed for energy efficiency, including high efficiency fixtures with automated and manual controls.

"The city of San Diego chose to move to LED street lighting largely because it allows for customizable brightness," said Lorie Cosio-Azar, project officer, City of San Diego Environmental Services Department. **"It provides a beautiful quality of illumination, and we know that it will enhance the downtown district, creating a more pleasing environment for residents, business owners, and the customers who spend time there shopping, dining, and just enjoying the charm of the neighborhood."**

The $5.3 million project will be financed by state and federal loans and grants, and SDG&E rebate funds.

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