



FOR IMMEDIATE RELEASE

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FACT SHEET

**MAYOR SANDERS UNVEILS SOLAR POWER SYSTEM
AT ALVARADO WATER TREATMENT PLANT**

***CITY SAVES MONEY THROUGH PUBLIC-PRIVATE PARTNERSHIP
LETTING OUTSIDE FIRM PAY FOR INSTALLATION AND START-UP***

ENERGY SAVINGS FROM SOLAR A STEP CLOSER TO ENERGY SELF SUFFICIENCY FOR CITY

Mayor Jerry Sanders today unveiled a new, 1-megawatt solar power installation at the City of San Diego's Alvarado Water Treatment Plant.

- The installation's clean-energy solar panels produce about 20 percent of the plant's power, with annual savings to the City estimated at \$40,000.
- The Alvarado photovoltaic installation was built under a power purchase agreement (PPA) with SunEdison, North America's largest solar services company. Under the agreement, SunEdison installed the photovoltaic system at no cost to the City allowing residents to gain the benefits from clean, solar energy while avoiding an estimated \$6.5 million worth of installation costs.
- SunEdison owns and will maintain the new solar energy system. The company will sell the solar energy to the City's Water Department at rates lower than market price.
- The 1-megawatt facility at the water treatment plant is the first part of a multi-year solar energy deployment at City facilities. The deployment effort will eventually produce 5 megawatts of solar power and will become the largest municipal system in California, surpassing Google's planned 1.6 megawatt solar system in Mountain View, California.

"This facility is a big step toward the City's goal of providing 50 megawatts of power generated with renewable fuels. When the City ramps up to 5 megawatts, we'll take the state lead and have another part of our City's clean energy plan in place."

-- Mayor Jerry Sanders

FACTS ON THE ALVARADO SOLAR INSTALLATION

- 6,128 photovoltaic solar panels are located atop concrete roofs of all three water storage reservoirs.
- Total area covered is approximately 4.33 acres.
- Each panel measures 4.5 x 3.5-feet.
- The solar power system will have a measurable environmental impact and will reduce carbon emissions equal to those of 219 cars driving 12,500 miles annually.
- The solar power system has the capacity to produce 1.6 million kilowatt-hours of electricity per year, roughly the amount needed to power from 500 to 1,000 homes.

CITY OF SAN DIEGO COMMITTED TO FIVE MEGAWATTS OF RENEWABLE POWER

- The Alvarado installation is the first step in a planned solar energy generation plan that will provide the City with a total of 5 megawatts of renewable energy.
- The City has joined SunEdison to begin investigating other sites for solar energy facilities including the Otay Water Treatment Plant and the Black Mountain Reservoir.
- The City's renewable energy commitment is part of what earned it the designation as America's #1 "Green Power" city from the federal Environmental Protection Agency.

"Installing 5 megawatts of solar systems is going to go a long way in supporting our state's goal of increasing the percentage of renewable energy used in the state's electricity mix to 20 percent by 2010. We are grateful partners with SunEdison in making predictably-priced clean solar energy available for City operations and the state's renewable energy goal."

-- Mayor Jerry Sanders

"SunEdison is extremely proud to work closely with San Diego in creating a solar array that will generate clean solar energy for the community. This is a milestone for San Diego and for solar in California. San Diego is a leader in pursuing clean solar energy and renewable energy goals. Through the Power Purchase Agreement solar services model, San Diego is able to achieve predictable pricing in solar energy costs and do so without incurring a capital outlay. SunEdison is pleased to have built, to own and to maintain such an important solar power array."

-- Jigar Shah, CEO of SunEdison

ABOUT THE CITY OF SAN DIEGO RENEWABLE ENERGY EFFORT

San Diego currently produces a total of 18 megawatts of renewable energy each year to help power City facilities. City photovoltaics, including the Alvarado plant, currently generate approximately 1.8 million kilowatt-hours annually. The remainder of the City's renewable energy resources come from methane gas generated by the City's Miramar Landfill and used to power wastewater treatment plants, and a 1.35 megawatt hydro generator installed at the Point Loma Wastewater Treatment Plant.

ABOUT SUNEDISON

- SunEdison, LLC, is North America's leading solar energy service provider. SunEdison provides solar-generated energy at or below current retail utility rates to a broad and diverse client base of commercial, municipal and utility customers. The company's headquarters are located in Baltimore, Maryland.

FOR MORE INFORMATION:

- About the City of San Diego and its renewable energy efforts, visit www.sandiego.gov
- About SunEdison visit, www.sunedison.com
- About California's Renewable Energy Program visit, www.energy.ca.gov/renewables
- About San Diego's #1 Green Power Ranking by the Environmental Protection Agency see www.epa.gov/greenpower/partners/top25.htm, and select "Top 10 Local Government"

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