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# Renewable Energy Update

an Allen Matkins  
market intelligence  
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## [DOE releases report on offshore wind power in U.S.](#)

*DOE - Oct 7*

The Department of Energy's National Renewable Energy Laboratory (NREL) has issued a report that comprehensively analyzes key factors impacting the deployment of offshore wind power in the U.S. The report includes a detailed assessment of the Nation's offshore wind resources and offshore wind industry, including future job growth potential. The report also analyzes the technology challenges, economics, permitting procedures, and the potential risks and benefits of offshore wind power deployment in U.S. waters. The NREL report finds that harnessing even a fraction of the Nation's potential offshore wind resource, estimated to be more than 4,000 GW, could create thousands of jobs and help revitalize America's manufacturing sector, reduce greenhouse gas emissions, diversify U.S. energy supplies, and provide cost-competitive electricity to key coastal regions.

**Related News:**[Offshore wind a U.S. job boon if capital costs don't erode potential: DOE](#)

### RENEWABLE ENERGY FOCUS

## [Interior Secretary signs off on two solar power plants](#)

*New York Times - Oct 5*

Proposals for the first large solar power plants ever built on federal lands won final approval from Interior Secretary Ken Salazar, reflecting the Obama administration's resolve to promote renewable energy. Both plants are to rise in the California desert under a fast-track program that dovetails with the state's own aggressive effort to push development of solar, wind and geothermal power.

**Related News:**[Two solar projects on California public land get federal OK](#)

## [FERC takes first step in smart grid rulemaking process](#)

*FERC - Oct 7*

The Federal Energy Regulatory Commission (FERC) took the first step in starting a formal rulemaking proceeding involving the five groups of smart grid standards identified by the National Institute of Standards and Technology (NIST) as ready for consideration. The NIST standards are the first of what may be several hundred more to be identified for FERC consideration in the coming years. NIST handed off the first standards to FERC under Section 1305 of the Energy Independence and Security Act of 2007 (EISA), which requires FERC to adopt in a formal rulemaking proceeding standards and protocols necessary to ensure smart grid functionality and interoperability in interstate transmission of electric power, and regional and wholesale electricity markets.

## [Solar, wind energy storage may save both power and money](#)

*Sunpluggers - Oct 4*

Large-scale energy storage, which is especially useful for incorporating significant amounts of variable solar- and wind-generated electricity into utility grid systems, is becoming a hot topic. For instance, the mayor of Los Angeles recently announced that the city's municipal utility would work with one of China's largest companies, BYD, to develop a 5- to 10 MW renewable-energy

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Scottsdale, AZ  
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storage station in the mountains about 100 miles north of the city. Another example is Tulare, where Prudent Energy has approached the city about setting up an energy storage building that would serve as a green demonstration project for a new technology. Throughout the country, as utilities increasingly offer time-of-use rates, owners of residential or business solar photovoltaic systems may be able to take advantage of storage plans by producing more electricity than they use at high-priced peak times and limiting most of their own usage to lower-priced off-peak hours.

### [California initiative a test for national climate law](#)

*The Associated Press - Oct 6*

If the supporters of Proposition 23 prevail in the Nov. 2 election, California's global warming law would be suspended indefinitely. But the out-of-state oil companies funding the initiative appear to have their sights set higher. Success in halting California's climate-change law by showing the public doesn't support it would give momentum to the opponents of similar legislation that has stalled in Congress. The ballot initiative also has the power to reverse one of Gov. Arnold Schwarzenegger's signature environmental accomplishments. In 2006, he signed the Global Warming Solutions Act, a Democratic bill that requires reduction of greenhouse gas emissions statewide to 1990 levels over the next decade. The law, AB32, is a cornerstone of the environmental legacy the Republican governor is trying to leave and is scheduled to take effect in 2012.

### **NOTABLE RENEWABLE ENERGY PROJECTS AND DEALS**

#### [ProLogis begins second tranche of 100 MW solar project](#)

*SolarIndustryMag - Oct 7*

ProLogis, a global provider of distribution facilities, has begun the second phase of its 100 MW solar project with Southern California Edison (SCE) after signing new leases for roof space totaling 4.8 million square feet and a system totaling approximately 25 MW. ProLogis signed a master agreement with SCE to provide up to 100 MW of photovoltaic installations to the utility through its rooftop solar program. The companies have now signed new roof leases for the second tranche of the master agreement that covers 4.8 million square feet of roof space across eight buildings.

Los Angeles, CA  
**October 12-14, 2010**

[FutureBuildLA 2010](#)  
Los Angeles, CA  
**October 19, 2010**

[2011 VerdeExchange](#)  
Los Angeles, CA  
**January 23-25, 2011**

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### **Recent Opportunities**

[Community Redevelopment Agency of the City of Los Angeles Request for Proposals for Development of CleanTech Manufacturing Center](#)

[Southern California Edison Company's Renewables Standard Contracts Program Request for Offers from Generating Facilities Not Greater than 20 MW](#)

[Pacific Gas and Electric's 2010 Solar Photovoltaic Program Power Purchase Agreement Request for Offers](#)

[San Francisco Public Utilities Commission Request for Qualifications for Design-Build Solar Photovoltaic Projects](#)

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