Renewable Energy Update

an Allen Matkins http://www.jdsupra.com/postdocum market intelligence publication

October 6, 2009

Key features of Kerry-Boxer Senate Climate Bill

The Energy Collective - September 30

Senators Barbara Boxer and John Kerry introduced a discussion <u>draft climate</u> <u>bill</u>. Provided is a <u>summary</u> of key features of the bill and notable differences from its House sibling, the Waxman-Markey American Clean Energy and Security Act passed in June.

Related News:

Sens. Kerry & Boxer introduce Clean Energy Jobs and American Power Act Climate control debate heats up in the Senate

Renewable Energy Focus

California OKs Fee to Pay for Global Warming Program

Associated Press - September 25

California air regulators have approved the nation's first statewide carbon fee on utilities, oil refineries and other industries, despite industry objections. The money raised by the California Air Resources Board is intended to pay for the bureaucratic expenses of carrying out a 2006 law. It requires the state to reduce greenhouse gas emissions statewide by 25% over the next decade. The fee will be imposed at the end of 2010 and raise \$63.1 million annually during its first three years. The amount will level off at \$36.2 million during the fifth year.

<u>\$3B for Energy Efficiency in California</u>

CleanTechnica - September 27

The CPUC has just approved the largest energy efficiency program in U.S. history, authorizing \$3.1 billion in consumer rebates and efficiency programs over the next three years, bringing the state closer to implementing AB32, according to Lara Ettenson, director of California Energy Efficiency Policy at the NRDC. Ettenson said the funding comes from the part of the budget that California's regulated utilities may use to invest in conventional electricity. This may include "negawatts" or energy efficiency measures.

California to Host High-Altitude Wind Power Conference

North American Wind Power - September 30

A <u>conference</u> dedicated to high-altitude wind professionals, academics, inventors and entrepreneurs will take place in California. California State University Chico, the BayTEC Alliance and the Cleantech Innovation Center at Oroville are the sponsors of the High Altitude Wind Power Conference, which will take place November 5-6. The conference is designed to allow participants to engage in a variety of discussions on the latest innovations, developments and specifications in high-altitude wind power generation and distribution.

Geothermal Power Could Top 10 Gigawatts

Renewable Energy World - September 29

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About Allen Matkins

Allen Matkins Leck Gamble Mallory & Natsis LLP, founded in 1977, is a California law firm with over 230 attorneys practicing out of seven offices in California. The firm's broad based areas of focus include construction. corporate, real estate, project finance, business litigation, taxation, land use, environmental, bankruptcy and creditors' rights, intellectual property and employment and labor law. More...



Allen Matkins #1 Real Estate Law Firm in California Chambers and Partners 2002 - 2009

Recent Events

Allen Matkins has attended numerous events addressing developments in the renewable energy field in 2009.

A <u>summary can be found</u> <u>here</u>.

Allen Matkins hosted the

A report by the Geothermal Energy Association (GEA) shows strong growth in new geothermal power projects continuing through /2009 dsup 6. Coepth dppnalent Viewer 98 pRenex values Energy 5-b893-6758e9191142 Power Production and Development Update, September 2009 identifies 144 new geothermal projects under development in fourteen states that could represent as much as 7,100 MW of new baseload power capacity. When added to the 3,100 MW of existing capacity, 10 Gigawatts of geothermal power appears to be feasible.

Alternative Energy Projects Stumble on a Need for Water

New York Times - September 29

This feature article in the New York Times notes renewable energy can sometimes demand a huge amount of water. Many of the proposed solutions to the nation's energy problems, from certain types of solar farms to biofuel refineries to cleaner coal plants, could consume billions of gallons of water every year. Conflicts over water could shape the future of many energy technologies. The most water-efficient renewable technologies are not necessarily the most economical, but water shortages could give them a competitive edge. In California, solar developers have already been forced to switch to less water-intensive technologies when local officials have refused to turn on the tap. Other big solar projects are mired in disputes with state regulators over water consumption.

U.S. EPA Names Top California Green Power Organizations

EPA - September 30

The U.S Environmental Protection Agency's Green Power Partnership is honoring four California Green Power Partners for their commitment and contribution to help advance the nation's voluntary green power market. The combined commitment of Intel, Shaklee, Applied Materials, and Butte College avoids emissions equivalent to 177,300 cars on the road per year.

Schwarzenegger Announces \$26.5M in Clean-Air Grants for **Southern California**

Office of the Governor - October 1

Governor Arnold Schwarzenegger joined U.S. Environmental Protection Agency (EPA) Administrator Lisa Jackson to announce that more than \$26.5 million in clean-air grants have been awarded to Southern California as part of the American Recovery and Reinvestment Act (Recovery Act) to date. The funding will be used to retrofit and replace diesel engines in construction vehicles, cargo handling equipment, school buses, heavy-duty trucks and locomotives in the Southern California air basin.

Notable Renewable Energy Projects and Deals

Interior Department to Approve Seven Renewable Energy Projects Wall Street Journal - September 30

The Department of the Interior expects to approve seven major, renewable-energy transmission projects on western federal lands by the end of next year, part of the administration's effort to step up use of wind and solar power. The Interior Department is accelerating the construction of transmission projects on federal lands in an effort to streamline the permitting process, though there are still state, local and other federal regulatory hurdles that companies have to overcome. The projects range from 150 kilovolt to 500 kilovolt lines in Idaho, California and Nevada, including the Barren Ridge, Devers Palo Verde, Hooper Springs, Hemingway Butte, Palisafes-Goshen, and Southwest Intertie projects.

PG&E to buy Solar, Natural Gas Power

successful papeluliseuseised at JDSUPRA Project Finance. For a copy of the program materials,

Upcoming Events

click here.

2009 Algae Biomass Summit San Diego, CA October 7-9

ICSC Retail Green (Sustainability, Energy & Environmental Design) Hollywood, CA October 14-16

Solar Power Project **Development** San Diego, CA October 22

Solar Power International Anaheim, CA October 27-29 Allen Matkins will be there!

Urban Land Institute 2009 ULI Fall Meeting and Urban Land Expo San Francisco, CA November 3-6

Green Technology Green California Schools **Summit** Pasadena, CA December 9-11

Clean-tech Investors Summit Palm Springs, CA January 20-21, 2010

2010 VerdeExchange **Green Marketmakers Conference** Los Angeles, CA January 24-25, 2010

Renewable Energy Technology Conference and Exhibition (RETECH) Washington, D.C. February 3-6, 2010

Recent Opportunities

Los Angeles Unified School District's Request for **Qualifications For Solar** Photovoltaic Systems Installation

City of Willows Opportunity

New Submission Deadlines

San Francisco Chronicle - October 2

Pacific Gas and Electric Company reported it plansttp://www.jdelectricityoftdomumentViewerReleaseffectbecebeecepies.6758e9191142 several proposed solar facilities and natural gas power plants, one of which would replace two aging generators in Antioch. Together, the proposed facilities would generate more than 2,000 megawatts of electricity, including 830 megawatts from new solar plants. One of the new natural gas power plants, planned by a subsidiary of Mirant Corp., would be built in Antioch and would begin operations in 2013. Another proposed natural gas power plant, capable of producing 586 megawatts, would be built in Oakley and would begin operations in 2014.

San Francisco Plan Promotes Urban Wind Power

Greenwire - September 30

San Francisco Mayor Gavin Newsom unveiled plans for installing turbines on rooftops around the city, with a goal of commercializing small-scale wind power and bringing down the cost of renewable electricity. The plans envision turbines on public and private buildings, as well as at Ocean Beach and Treasure Island. Newsom said demonstration turbines could be placed on the W Hotel, outside City Hall and on a new Public Utilities Commission building. The plan offers 29 recommendations for promoting turbines, including easing permitting costs and shortening approval times for turbine manufacturers and producing maps of wind potential highlighting neighborhoods and individual buildings.

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Energy Commission Alternative and Renewable **Fuel and Vehicle Technology Program**

Los Angeles Department of Water and Power Renewable Energy Supply Rolling Request for **Proposals**