



GEO THERMAL ENERGY ASSOCIATION

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National News

Energy Bill Possible in House, Meanwhile GEA and Other Renewable Groups Press Senate to Move Renewable Tax Legislation

While Congress plans to take its August recess at the end of this week, national energy legislation was only one of several measures waiting for action in the House. House Speaker Nancy Pelosi (D-CA) was working to resolve several controversies in order to bring a bill to the House floor perhaps on Thursday or Friday. The House bill includes a four-year extension of the Production Tax Credit and an expansion of Clean Renewable Energy Bonds. In addition, a “renewable energy standard” was likely to be offered as an amendment on the House floor by Rep. Tom Udall (D-NM), who is the sponsor of H.R. 969 which would establish a nationwide renewable standard of 20% by 2020.

Meanwhile, the Senate has passed its energy legislation without either a tax bill or national renewable standard. But, Senate leaders have said that they will find a legislative route to move a renewable tax package this year.

The Geothermal Energy Association, along with other renewable groups, released a letter July 30 to the Senate urging action on renewable energy tax legislation. In addition to GEA, the letter was signed by the Solar Energy Industries Association, the National Biodiesel Board, the National Hydropower Association, the USA Biomass, the Ocean Renewable Energy Coalition, the National Ethanol Vehicle Coalition, the Biotechnology Industry Organization, the Business Council for Sustainable Energy, the US Fuel Cell Council, the US Combined Heat & Power Association, the Cellulosic Biofuel Working Group, the American Wind Energy Association, the Ethanol Producers And Consumers, the Methanol Institute, the

Orhan Mertoğlu stated that Turkey was among the best seven in the world with its geothermal resources. Mertoğlu underlined that Turkey had to invest \$800 million to obtain the goals of 2013 geothermal tourism. The healing springs are touted as cures for many ailments, including rheumatism, digestive system disorders, eye, liver, gall bladder, urinal system and nervous system disorders, as well as skin, circulation and heart diseases. *For more information, please visit <http://www.turkishdailynews.com.tr/article.php?enewsid=79602>.*

Notices and RFPs

GEA Preparing Assessment of Geothermal Technology

GEA staffers are working to prepare a new report to complement GEA's publications on the environment and socio-economics. The new report will focus on the status of geothermal technology in the US. The paper will describe the suite of technologies used today to find, characterize, develop and utilize geothermal resources; and take a brief look at promising future technologies including Enhance Geothermal Systems technology.

Mark Taylor has joined GEA staff on a temporary basis to work on research supporting the report. Mark recently finished his Masters of Science at Princeton University, and has worked in the past with technology characterization. *If you want to contact Mark and provide input to the report, he is available by phone at 202-454-5241, or by email at info@geo-energy.org.*

RFP from US EPA for Mobile Source Outreach (Due July 31)

The U.S. Environmental Protection Agency requests proposals for the Mobile Source Outreach Assistance Competition, for public education and outreach projects which directly support state, local and tribal air management organizations in their efforts to improve air quality and reduce greenhouse gases. This program is designed to provide seed money to initiate new projects rather than to expand ongoing projects. \$557K expected to be available, up to 7 awards anticipated. Letters of Intent are requested, but are not required, and are due 7/31/07. Final proposals are due 8/31/07. *For more info, contact Susan Bullard at bullard.susan@epa.gov or go to: http://www.epa.gov/air/grants_funding.html#0709.*

DOE Funding Opportunity: Electric Power Generation Using Geothermal Energy Co-Produced with Oil and/or Gas Wells (Due July 31)

The Department of Energy's (DOE's) Geothermal Technologies Program released a new funding opportunity announcement entitled "Electric Power Generation Using Geothermal Fluid Coproduced from Oil and/or Gas Wells" on June 13, 2007.

In summary, DOE's objective in offering this funding opportunity is to demonstrate the technical feasibility and economics of generating electricity from the naturally occurring geothermal fluids that are coproduced from oil and/or gas wells. To accomplish this, DOE would like to collaborate with leaseholders, developers, owners, operators, and/or other partners on projects to install, operate, and report on the performance of geothermal power generation projects operating on the hot water cut that is coproduced at oil and/or gas fields. Specifically, DOE is interested in providing financial assistance to several projects comprised of the following phases:

Phase I - Engineering, Procurement, Construction (EPC) The objectives of Phase I are to engineer, procure equipment for, and construct the geothermal power plant and associated above-ground geothermal fluid supply/disposal system at an operating oil and/or gas field.

Phase II - Operation & Maintenance (O&M) The objectives of Phase II are to operate the power plant and fluid supply/disposal system for a period of two years and to report on their economic, performance, and

operating characteristics. *To view the solicitation, please visit*
<http://www.grants.gov/search/search.do?oppId=14434&mode=VIEW>.

RFP for State Energy Activities Related to Clean Energy & Air (Due August 7)

The U.S. Department of Energy requests applications for State Energy Activities in Clean Energy and Air Quality Integration -For state and multi-state initiatives that demonstrate and quantify air quality benefits achieved through energy efficiency and renewables. \$500K expected to be available, up to 7 awards anticipated. State and Territorial Energy Offices must be the lead on these awards though partnership opportunities may exist. Responses for both program areas due 8/7/07. *For more info, go to:* <https://e-center.doe.gov/iips/faopor.nsf/0ba000b968a07c9885256c3f0067b90d/328173c5634f77c1852572f8007e8040?OpenDocument>.

652,551 MWh of Renewable Energy Certificates Solicited (Due August 10)

The Defense Energy Support Center is soliciting offers for a one-time delivery of 652,551 MWh of Renewable Energy Certificates (RECs) for the U.S. Department of Defense and various Federal Civilian Agencies. Responses due 8/10/07. *For more info, contact Leslie Simpson at* Leslie.Simpson@dla.mil *or go to:* <http://www.desc.dla.mil/DCM/DCMSolic.asp?SolicID=1239>.

PG&E RFP for 2007 Local Economic Development Grants Program – CA (Due August 17)

Pacific Gas and Electric Company requests proposals for the 2007 Local Economic Development Grants Program. This program supports economic and community development projects in PG&E's northern and central California service territory. Award range \$2.5K to \$10K. Responses due 8/17/07. *For more info, go to:* <http://www.pge.com/edgrant/>.

RFP Renewables – Arizona (Due September 4)

Tucson Electric Power Company and UNS Electric Inc. seek renewable energy and associated credits through power purchase agreements and/or the ownership of generation assets. Responses due 9/4/07. *For more info, contact Michael Bowling at* (520)745-7124 *or go to:* <http://www.uesaz.com/Wholesale/>.

Upcoming Events

BLM California-Nevada Geothermal Lease Sales, August 14, Reno Nevada

On August 14, the Nevada and California State BLM offices will jointly conduct a competitive geothermal lease sale under the new regulations, which became effective June 1, 2007. The Nevada BLM will offer 43 parcels covering approximately 122,800 acres. The list of available Nevada parcels can be found at http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/geothermal0.html. The California BLM will offer 6 parcels containing 2710.72 acres of Federal lands located in Sonoma, Lake and Mendocino Counties.

This joint sale will be held in accordance with the Energy Policy Act of 2005, and the final rules issued May 2, 2007 (43 CFR Parts 3000, 3200, and 3280, Fed. Reg. Vol. 72, No. 84). Details regarding the lease sale procedures and stipulations attached to each parcel are provided in the Notice of Competitive Lease Sale for the parcels located in Nevada and those in California. The Notice may be found using the following procedures:

1. Go to the following web address: www.blm.gov
2. A map of the western US will appear. Click on the State of Nevada.

New Zealand Geothermal Workshop & New Zealand Geothermal Association Seminar 2007, November 19 – 21, Auckland, New Zealand

The theme for the NZ Geothermal Workshop 2007 will be ‘The Great New Age of Geothermal Development: issues affecting geothermal industry growth in the 21st century’. Plenary speakers on selected topics will be invited from both academia and industry. The NZ Geothermal Workshops have been a primary forum for presentations on current geothermal research and developments. They have also been an excellent nurturing environment for students to present their research and we expect that many participants in the NZ Geothermal Workshop 2007 will have presented at earlier workshops as students themselves. In conjunction with the NZ Geothermal Workshop 2007 the NZGA will be holding their annual seminar on 21 November. *For more information, please visit* http://www.cce.auckland.ac.nz/conferences/index.cfm?S=CCE_GEOTHERM2007.

POWER-GEN Renewable Energy & Fuels 2008, February 19-21, Las Vegas, Nevada

2008 marks the 5th year of this premier all-renewables conference and exhibition covering the most important trends and issues impacting the industry. Bringing the wind, solar, biomass and alternative fuels, hydro and geothermal sectors together for three days of information exchange and fast-track networking, POWER-GEN Renewable Energy & Fuels attracts the biggest names in renewables to discuss technical, strategic, regulatory, structural and economic issues. The event will take place at the Rio All-Suite Hotel & Casino Las Vegas, NV.

****The abstract deadline is extended, you may now submit your abstract online by August 3.****

For more information, please visit

<http://pgre08.events.pennnet.com/fl/content.cfm?NavId=6137&Language=Engl>.



GEA Update

A newsletter for GEA Members written by Alyssa Kagel and Karl Gawell.

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