



GEO THERMAL ENERGY ASSOCIATION

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National News

Geothermal Industry Leader Says Stimulus Bill Should Sustain Industry Growth

Press Release, February 14, from the Geothermal Energy Association — Geothermal energy production in the United States has been on track to double in the next few years and the economic stimulus bill will help sustain this growth, according to industry leaders. "The provisions of the economic stimulus bill will put steam back into the engine of geothermal industry growth," noted Karl Gawell, Executive Director of the Geothermal Energy Association (GEA)

In August 2008, GEA reported that the U.S. had about 3,000 MW of geothermal electricity connected to the grid and almost 4,000 MW of new geothermal power plants under development. "But, the financial crisis has been stalling new development," Gawell notes, "financing for new projects has been difficult to obtain, and when available very expensive."

The economic stimulus bill includes a range of provisions intended to support expanded geothermal energy use, from power plants to geothermal heat pumps. Among the most important according to GEA are the bills tax credit provisions.

The stimulus bill will extend the production tax credit for new geothermal power plants through 2013, allow developers to take a 30% investment credit instead, and create a cash grant program to support projects that cannot utilize a tax credit in the current market. It also expands the Clean Renewable Energy Bond program that provides similar incentives for coops and public power agencies to build new geothermal and other renewable technology projects.

"We estimate that the geothermal power industry has doubled its workforce in the US in the past two years, and the economic stimulus bill provides a framework of support that will continue if not accelerate growth in this industry adding tens of thousands of new jobs with even greater positive effects across the economy," Gawell added.

The legislation also dramatically expands support for the Department of Energy's geothermal research, development, demonstration and deployment efforts. The Bush Administration had sought to close down these efforts, but Congress authorized a broad, new advanced geothermal research program in 2007 as part of the energy bill and has now provided the funds to carry it out. The stimulus bill sets aside \$400 million for geothermal technology research, development and deployment efforts at DOE.

"The DOE geothermal research program has been starved for years," Gawell commented. "The 2007 Advanced Geothermal Research and Development Act provides a framework for an exciting new DOE program, and the stimulus bill gives them resources needed to implement this initiative," Gawell added.

Further, the stimulus bill provides an expanded tax credits for geothermal heat pumps and supports a range of programs that by encouraging more efficient building and home energy use will also spur growth in the geothermal heat pump market, according to GEA.

"All of this adds up to making significant progress towards expanding our use of this largely untapped energy resource," he added, "which is good news for the environment and the economy."

Key geothermal provisions in HR 1 as enacted include:

- Loan guarantees for renewable and transmission technologies - \$6 billion. This \$6 billion in appropriated funds is expected to support more than \$60 billion in loans for eligible projects.
- Applied research, development, demonstration and deployment through DOE energy efficiency and renewable energy programs - \$2.5 billion. Of the \$2.5 billion, \$400 million is dedicated for geothermal activities and projects.
- Three year extension of the production tax credit for renewable electricity production (through 2012 for qualified wind, and through 2013 for geothermal and other qualifying resources.)
- Qualifying renewable energy facilities may take a 30 percent investment tax credit for qualified expenditures places in service in 2013 (2012 for wind) in lieu of the production tax credit.
- Creates a Treasury Department Energy Grant Program which allows taxpayers with an investment tax credit in qualifying renewable energy facilities to receive a cash grant in an amount equal to the credit.
- \$1.6 billion in new funding for Clean Renewable Energy Bonds
- Establishes a 30% investment tax credit for qualifying advanced energy projects that re-equip, expand, or establish a manufacturing facility for the production of property used to produce, refine, store or transport renewable energy or other advanced energy property designed to reduce greenhouse gas emissions.
- Eliminates the \$2,000 limitation of consumer tax credits for the purchase of geothermal heat pumps.

New Guide to Geothermal Energy Available To Download Free!

Press Release, February 15, from the Geothermal Energy Association — If you have questions about geothermal energy, the Geothermal Energy Association has issued a new report that will provide you with answers. *Geothermal 101: Basics of Geothermal Energy Production and Use*, edited by Leslie Blodgett and Kara Slack of GEA, covers the essentials of geothermal energy from electric power to residential heat pumps. "Whether you are an educator, student, policymaker, or industry specialist, this report will serve as a guide for your geothermal education," noted Leslie Blodgett, co-editor of the report.

Ever wonder how a geothermal power plant works? Want to know more about how geothermal energy can help reduce global warming? Curious about where geothermal resources are located? This 50-page guide will help you find the answers to these and many other questions. It includes 30 charts, tables, maps, and pictures to help the reader understand the power behind one of the fastest growing renewable technologies – the power of the earth's heat.

Today the U.S. has about 3,000 MW of geothermal electricity connected to the grid. In addition, as of August 2008, almost 4,000 MW of new geothermal power plant capacity is under development. Worldwide, geothermal energy supplies more than 10,000 MW to 24 countries and now produces enough electricity to meet the needs of 60 million people.

“There is a tremendous interest in geothermal energy and its largely untapped potential to help address our energy and climate problems,” noted Karl Gawell, GEA’s Executive Director. “GEA hopes that making this report available will help tap the creativity and imagination of thousands of people to help expand the use of this natural energy source.”

“We have worked hard to make the report readable, while still being thoroughly researched and reviewed,” commented co-editor Kara Slack. The report includes simple definitions, descriptions, and figures and cites key national reports that provide further information. Information and references have been updated with the most recent materials. “Whether you are new to the basics or have been working in the field for years, this report provides valuable information,” she added.

The report is currently available on GEA’s Web site in parts at <http://www.geo-energy.org/aboutGE.asp> and is available to download in PDF format at <http://www.geo-energy.org/publications/reports.asp>.

Congress to Turn to Appropriations Bills

Now that Congress has completed action on the stimulus bill, attention turns to the President's state of the Union address and release of budgets for FY 09 and FY 10.

Here is a tentative schedule::

- Week of February 23: House Appropriations Committee, markup of the Consolidated Appropriations Act for Fiscal Year 2009.
- February 24 @ 9:00 p.m.: President Obama gives a State of the Union-style speech to a joint session of Congress.
- February 25: President Obama releases top line budget numbers for Cabinet departments for fiscal year 2010. (A complete budget will be released in April.)
- Week of March 2: House floor action on the Consolidated Appropriations Act for Fiscal Year 2009.

The goal is to complete action on the appropriations bill by March 6, which is the expiration date for the current continuing resolution keeping federal agencies funded.

Company News

Ormat: Two OREG 2 Facilities Now Commercially Operative

Press Release—February 12, [Ormat Technologies Commissions the First Two Facilities of the OREG 2 Project](#)

RENO, Nev. -- Ormat Technologies, Inc. (NYSE: ORA), today announced that two of the four facilities in the OREG 2 Recovered Energy Generation (REG) project reached commercial operation in December 2008 and January 2009, respectively.

The OREG 2 project is Ormat's second REG project located along the Northern Border natural gas pipeline. The project consists of four power plants that will have a net capacity of 5.5 MW each and will convert the recovered waste heat from the exhaust of existing gas turbines at compressor sites into electricity. The remaining two facilities are scheduled to be completed by the end of 2009.

"We are very happy to bring additional power through the use of recovered energy generation technology and contribute to the important goal of emission reduction," said Dita Bronicki, Chief Executive Officer of Ormat.

The output supplied from the two facilities will be sold to Basin Electric Power Cooperative (BEPC) of Bismarck, North Dakota and will bring the total owned generating capacity of Ormat's REG portfolio to 33 MW.

The ORMAT(R) REG facilities consist of ORMAT(R) ENERGY CONVERTERS (OEC) based on Organic Rankine Cycle technology, which converts recovered heat to electric power without the need for any additional fuel or water. The OEC units are environmentally benign, as they have no emissions of CO₂ or NO_X.

See <http://www.ormat.com/relation.php?did=84>.

Raser Technologies: Raser Named One of 50 Most Innovative Companies

Press Release—February 17, [Raser Technologies is Named One of 50 'Most Innovative Companies' by 'Fast Company Magazine'](#)

PROVO, Utah--Raser Technologies, Inc. (NYSE: RZ - News), a leader in geothermal power generation, today reported that Fast Company magazine chose it as one of the fifty "most innovative companies" for 2009 in its annual selection of the Fast Company 50.

In describing how the Fast Company 50 was selected, Editor Robert Safian said, "Each company...illustrates the power and potential of innovative ideas and creative execution. These are the kinds of enterprises that will redefine our future and point the way to a better tomorrow."

The article highlighted Raser's innovative new geothermal plant in Beaver County, Utah:

"What makes the plant unique is that Raser can generate zero-emissions electricity using water that's scarcely hotter than a cup of coffee, opening up previously unusable (and far more common) low- to medium-temperature geothermal resources."

The magazine noted that "Raser developed and built the Utah plant in under a year, reducing construction time from the more typical five or seven years and slashing capital costs, which have historically accounted for about half the expense of a large new power plant."

Raser CEO Brent Cook said, "We are proud to have been named one of the 50 most innovative companies.

"We are pleased with this tribute to Raser's ability to use more readily available geothermal resources and to build new plants economically, thus making clean, geothermal energy price competitive and expanding the nation's potential energy supply."

See <http://www.rasertech.com/news.php> To see the Fast Company article, visit http://www.fastcompany.com/fast50_09/profile/list/raser-technologies.

Raser Technologies: Stimulus Package Will Benefit Geothermal Industry

Press Release—February 18, [Raser Believes Renewable Energy Initiatives in Stimulus Package Legislation Will Greatly Benefit Geothermal Industry](#)

PROVO, Utah — Raser Technologies, Inc. *(NYSE: RZ)*, a leader in geothermal power generation, applauded President Barack Obama and the 111th U.S. Congress for moving quickly to assemble and pass the American Recovery and Reinvestment Act that was signed into law yesterday.

The stimulus package contains key investment incentives and tax reductions to help jumpstart the economy and to create millions of green jobs. Raser identified the following specifics in the economic stimulus law. These are expected to help the Company accelerate its renewable energy development efforts:

- Grants for up to 30% of the development cost of renewable energy power plants
- Extension of the production tax credits for geothermal power plants for an additional 3 years, now through 2013
- Loan guarantees for debt funding of renewable energy development projects
- New investment tax credit for renewable energy projects
- Research and development investments for renewable energy
- Smart Grid Investment Program to help modernize the electrical grid and provide broader access for renewable energy projects
- Renewable energy bonds for state and local governments

“We applaud the vision of our leaders in supporting the development of our vast renewable resources,” said Brent M. Cook, CEO of Raser Technologies. “Many of the provisions in this bill open up new sources of funding for our geothermal projects and energy infrastructure. Not only will new funding channels open, but the geothermal industry may also be able to utilize new structures and funding instruments.

“We remain focused on meeting the growing demands for clean renewable energy while helping our country become more energy independent. We pledge our support to use the financial incentives and investments contained in this legislation to create green jobs and produce clean renewable geothermal power for our country,” said Mr. Cook.

U.S. Geothermal: Agreement Signed for Neal Hot Springs Project

Press Release—February 12, [U.S. Geothermal Signs Interconnection Agreement for Neal Hot Springs Power Project](#)

BOISE, Idaho – (NYSE Alternext: HTM, TSX: GTH) U.S. Geothermal Inc. (“U.S. Geothermal”), a renewable energy company focused on the production of electricity from geothermal energy, announced today that an interconnection agreement for the Neal Hot Springs project has been signed with the Idaho Power Company (“IPC”).

The agreement encompasses the design and construction of a key transmission line and substation from the Neal Hot Springs project site to IPC’s nearby transmission grid. The new 10.3 mile line is being designed for 36 megawatts of transmission capacity. A recent study completed by IPC estimated the construction cost of the new connection to be \$3.2 million.

IPC is responsible for the design, engineering, right-of-way acquisition and construction of the new line and its associated facilities. This line is part of the development plan for the Neal Hot Springs project that is currently expected to deliver electrical power beginning in early 2011.

U.S. Geothermal is completing a feasibility study and preparing project loan and technical documents required to obtain funding for development and construction of the project. The power is expected to be sold under a long term agreement that is currently under negotiations.

“This agreement is a critical milestone in the development of our project at Neal Hot Springs”, said Daniel Kunz, CEO and President. “Initiation of this interconnection agreement, to gain access to the transmission grid, is a critical path activity that allows us to maintain our current development schedule for the project.”

See <http://www.usgeothermal.com/index.aspx>.

Renewable and Climate Change News

Experts Critique New Study on Western Climate Initiative

A new Western Business Roundtable study analyzes the Western Climate Initiative, the climate action plan of several western governors, according to westernroundtable.com. The study found several problems with the WCI, saying it could "chase away tens of billions of dollars in high technology investment from the West to other regions" and would "further stress the West's already strained electricity grid, increasing the threat of potentially catastrophic power outages." It also said the WCI will not significantly reduce global temperatures. The study was particularly critical of the assumption the WCI made about the potential contribution from wind and solar technologies.

The Natural Resources Defense Council issued a statement saying the Western Business Roundtable's report "misreads the Western Climate Initiative and ignores the West's potential to drive job growth and economic opportunity with renewable energy and energy efficiency," according to NRDC spokesperson Ned Farquhar, Western Energy Expert.

"The study underestimates the tremendous potential of geothermal in the west," said Karl Gawell, Executive Director of the Geothermal Energy Association.

The study is available as a PDF at http://www.westernroundtable.com/Portals/1/docs/WCI_Analysis_FINAL.pdf.

See the Western Climate Initiative at <http://www.westernclimateinitiative.org/>.

For cited articles, see

<http://www.westernroundtable.com/detail+view.aspx?smid=4892&ArticleID=667&reftab=2434&t=Western-Climate-Plan-Could-Prolong-Recession-Weaken-Power-Grids-and-Will-Not-Change-Future-Temperatures-Over-A-Century> and <http://www.allamericanpatriots.com/nrdc/48749976-nrdc-responds-western-business-roundtable-report-western-climate-initiative>.

State News

California: Sunrise Powerlink Transmission Line Should Break Ground Next Year

San Diego Gas & Electric is moving forward with plans for its Sunrise Powerlink transmission line that will connect the region to solar, wind, and geothermal power generation in East County and the Imperial Valley, according to energycurrent.com. The project was approved in December by the state Public Utilities Commission.

SDG&E should break ground in mid-2010, spokeswoman Jennifer Briscoe told press, and it is expected to be completed in 2012. The project is a 123-mile high-voltage 1,000-MW line that will cost \$1.9 billion and will serve 650,000 homes. The line will help California expand its renewable energy portfolio to 20% of the entire energy package by 2010 and 33% by 2020.

Not everyone is happy about the project; one spokeswoman, Diane Conklin of Mussey Grade Road Alliance, said technological advances in the next few years will make the line obsolete. On the other hand, David Rohy, adjunct professor in the physics department at San Diego State University and former vice chairman of the Energy Commission, told press the transmission line is the most cost-and time-efficient way SDG&E will meet California's energy goals.

See <http://www.energycurrent.com/index.php?id=3&storyid=16076>.

Colorado: Colorado Geological Survey Comments on Geothermal Possibilities

Deputy director of the Colorado Geological Survey Matthew Sares is presenting on geothermal resources in Colorado at a Colorado Mountain College event this week, according to steamboatpilot.com. Sares told press: "Electrical power production is something we'd like to see in Colorado at the right place in the right time. "It's happening in the U.S. and all over the world. It's not happening in Colorado yet."

The Strawberry Park area north of Steamboat Springs is one area in the state that may have the potential for electrical generation, Sares said. "I do think there's a resource up there that could be used for more than hot springs pools and spas, but that's not to say those aren't excellent uses already."

See

http://www.steamboatpilot.com/news/2009/feb/11/forum_speakers_outline_local_geothermal_opportunit/.

Oregon Senate Bill 190 Would Change Oregon Geothermal Law

From Christopher Heaps, Stoel Rives LLP

The Oregon Legislature is set to consider a bill during the 2009 Regular Session (Senate Bill 190) that would substantially revise ORS Chapter 522 dealing with geothermal resources. Among other things, the bill eliminates the specified minimum per well and blanket bond amounts and gives the State Department of Geology and Mineral Industries ("DOGAMI") authority to set bonds amounts in a future rulemaking. Future bond amounts set by DOGAMI "must be based on the estimated costs of plugging and decommissioning the well and any other associated expenses for reclamation of the site of the well."

SB190 also increases permitting fees and extends permitting timelines. For example, geothermal well permit fees are increased from \$250 to \$2,000 and DOGAMI's timeline for responding to a complete permit application is extended from 45 to 90 days. The bill also imposes new fees for extending the period for completion of drilling (\$500), permit transfers (\$500), and requests to plug and decommission a well (\$1,000).

The bill would take effect July 1, 2009 and would apply to wells permitted before that date. Stoel Rives intends to provide DOGAMI with comments and questions on the bill. DOGAMI has indicated their receptiveness to feedback from industry participants. If you would be interested in providing comments to DOGAMI or if you have questions about the bill, please contact Jerry Fish at jrfish@stoel.com or 503-294-9620 and Chris Heaps at cmheaps@stoel.com.

International News

Indonesia: 15 Geothermal Fields to be Offered for Bid

The government will soon be offering 15 geothermal fields for power development, according to thejakartapost.com. A total output of 1500 MW is expecting, requiring a total investment of US\$4.5 billion. A total of 20 fields are scheduled to be offered for power bids this year.

The 15 fields are Seulawah Agam in Aceh Besar regency, Telaga ngebel in Ponorogo (East Java), Gunung Ungaran in Central Java, Jaboi in Sabang (Aceh), Gunung Talang in Solok (West Sumatra), Blawan Ijen in East Java, Hu'u Daha in Nusa Tenggara Barat, Sipoholon Ria-ria in North Sumatra, Bukit Kili in West Sumatra, Sorik Marapi-Roburan-Sampuraga in North Sumatra, Marana in Central Sulawesi, Songa Wayaua in South Halmahera, Atadei in Nusa Tenggara Timur, Suwawa in Gorontalo province, and Kaldera Danau Banten.

See <http://old.thejakartapost.com/detailbusiness.asp?fileid=20090217.M05&irec=4>.

Kenya: State to Finance Geothermal Exploration Through New Unit

The State is moving to set up a geothermal unit, according to yourindustrynews.com. A technical committee will deal with the working relationship between power producers after utility functions are split. The Energy ministry, Geothermal Development Company and Kenya Electricity Generating Company officials will make up the committee, with the geothermal portion left to GDC. GDC is responsible for developing steam fields and selling electricity generated from geothermal energy, with exploration financed by the government.

See http://www.yourindustrynews.com/state+moves+to+set+up+geothermal+unit_24035.html.

Philippines: Japan Firm Honored for Geothermal and Community Contributions

The Japanese firm Marubeni Energy Services Corporation, which built two geothermal power plants at Mount Apo, will be honored by the city government of Kidapawan for its contributions to the local community, according to mindanews.com. Marubeni's assistance has extended to educational assistance and livelihood projects for the Manobo and Bagobo tribes people, the article said.

See http://www.mindanews.com/index.php?option=com_content&task=view&id=5901&Itemid=50.

Philippines: Aboitiz to Expand Tiwi-Makban Field

Aboitiz Power Corp. is planning to drill more wells in the Tiwi-Makban field, according to businessmirror.com. The facility will be turned over to its wholly owned subsidiary AP Renewables Inc in May, and an aggressive drilling program will begin soon thereafter, AP Renewables chief financial officer Iker Aboitiz told press.

The firm wants to expand the plants' production from 3.5 billion kWh to 4.3 billion kWh a year, an additional 90 MW. The group won the bid for the government-owned assets after posting a \$447-million bid last July.

See http://businessmirror.com.ph/index.php?option=com_content&view=article&id=6213:abotiz-plans-new-drillings-in-tiwi-makban-field&catid=24:companies&Itemid=59.

Saint Kitts and Nevis: State Signs Letter of Intent for Nevis Geothermal Energy

The government of St. Kitts and Nevis has signed a letter of intent to purchase geothermal energy from Nevis, according to caribbeannetnews.com. NIA Minister of State with responsibility for the geothermal energy project, Hon. Carlisle Powell, said the state plans to aid the search for financial assistance to have an undersea electrical cable between Nevis and St. Kitts.

See <http://www.caribbeannetnews.com/news-14186--35-35--.html> and <http://www.sknvibes.com/News/NewsDetails.cfm/8481>.

Turkey: Minister Announces Geothermal Investments at Workshop

Turkish energy minister Hilmi Guler plans to invest more in geothermal energy, according to turkishpress.com. A US\$120 billion investment portfolio is planned for implementation by 2020. "Around 120 billion USD will be invested by 2020 in energy sector in Turkey and geothermal energy will have a substantial share of that," Guler told reporters at the opening of the GeoFund-IGA Geothermal Workshop in Istanbul.

The Workshop opened on February 16. "Through the Geothermal Workshop our goal is to present attendees with methods to develop a project, carry out financial analysis and economic modeling, prepare winning proposals to the GeoFund for explorations and drilling and secure international financial resources," Partnership International Vice President Tracy Mathieu told press.

See <http://www.turkishpress.com/news.asp?id=332613> and <http://www.hurriyet.com.tr/english/finance/10999635.asp>.

Notices and Employment Opportunities

DOE Multi-Year Research, Development, and Demonstration Plan Published

The Department of Energy has published its new multi-year plan for research. The Geothermal Technologies Program (GTP) Multi-Year Research, Development and Demonstration (MYRDD) Plan describes the planned research, development and demonstration (RD&D) activities for geothermal technologies through 2015, with additional information on potential program activities through 2025.

This is the first publishing of this document in draft form and represents months of planning, including peer reviews and comprehensive internal analysis and evaluation. On this page you will find links to the full document as well as to a comments form.

The MYRDD reflects GTP's focus on advancing enhanced geothermal systems (EGS) technologies and its commitment, in partnership with geothermal energy developers, to demonstrate by 2015 that EGS is technically feasible. The MYRDD Plan describes in detail GTP's activities over the next seven years to achieve this goal and it projects longer-term RD&D activities based upon several EGS development scenarios.

The MYRDD Plan and a form for comments are available at <http://www1.eere.energy.gov/geothermal/plans.html>.

GEA Seeking Input for New Geothermal Industry Update

GEA is preparing its next industry update to be released in early March 2009 and would appreciate help identifying new projects geothermal projects, and is seeking other constructive comments or suggestions to make this report more effective.

In August 2008, the Geothermal Energy Association published a report outlining the status of geothermal projects currently operating and those under development in the United States for the past two years. This last update, U.S. Geothermal Power Production and Development Update: August 2008, is at: http://www.geo-energy.org/publications/reports/Geothermal_Update_August_7_2008_FINAL.pdf.

If you have information to add to the new update, or other constructive suggestions, please contact Kara Slack at kara@geo-energy.org, or by phone at 520.904.4879.

California Division of Oil, Gas, & Geothermal Resources Offices Furloughed

Effective February 6, California Division of Oil, Gas, & Geothermal Resources offices will be closed on the first and third Friday of each month. Please call 916-322-1110 (Northern California including Mono County) or 714-816-6847 (Southern California) for on-demand field tests or emergencies. They apologize for any inconvenience this may cause.

Employment: Chief Reservoir Engineer, CalEnergy

Collects and processes information on well-field and plant performance, diagnoses well problems and designs procedures to fix them. Requires a leadership role in data collection and problem solving. Uses advanced interpretation techniques of reservoir simulation to provide essential information for the resource department's function of reservoir development and forecasting. The data is also used to support plant operations and comply with governmental reporting.

Qualifications:

Bachelor's degree or higher in engineering, preferably petroleum. At least fifteen years of related experience and/or additional resource engineering-related training. Geothermal resource engineering experience is required and some petroleum engineering experience in oil and gas is also desired.

To apply for this position and to view a complete job description, please visit our web site at www.calenergy.com.

Employment: Director of Geothermal Resources, CalEnergy

This position manages and directs the geothermal resources of the company. Responsibility of all geothermal well fields in which MidAmerican Energy Holdings Company has a interest, including the operating well fields of the Salton Sea (Imperial Valley, CA). and non-operating prospects in inventory and of development projects. This position manages the drilling and resource departments, including drilling operations on a 24/7/365 basis and other well maintenance work as required. This position is also responsible for providing a broad range of technical and scientific support to power generation operations, including resource and drilling operations, environmental compliance, development and other departments as required. As the top resource orientated technical position in the company, this position represents the company for resource technical issues in manners such as testimony before legal or regulatory agencies such as the California Energy Commission or the California Department of Oil, Gas and Geothermal Resources, or discussions to partners, financial institutions, trade groups, or environmental groups on well field related issues.

Qualifications:

Minimum of a bachelor's in engineering, earth sciences or related field. Have advanced degrees, training, and certifications specific to resource related topics. Has a minimum of 10-15years of demonstrated application of a diverse technical knowledge in all resource disciplines including reservoir engineering, drilling engineering, production engineering, reservoir modeling, geology, geophysics and geochemistry. Must have excellent skills in economics and planning. Must have shown successful managerial leadership in the fields of reservoir engineering and earth sciences, with a minimum of 10 years of management experience in this area. Must have working knowledge of geothermal power plant operations in relation to their relative effect or demands on the resource/well field operations in relation to plant operation. Knowledge of thermodynamics and metallurgy required. Advanced spreadsheet and computer database skills a must.

To apply for this position and to view a complete job description, please visit our web site at www.calenergy.com.

Employment: Senior Environmental Coordinator, CalEnergy

The senior environmental coordinator works with operating unit personnel to ensure awareness of and compliance with environmental regulations, policies and procedures and requirements of the company, assisting the operating group in the development of solutions to environmental issues. Monitors chemical, physical and biological hazards that could be present. Investigates environmental incidents and reports incidents to appropriate regulatory agencies. Assists with the development and delivery of environmental

procedures and training. Implements environmental compliance self-inspections and recommends appropriate action to facility management. Recommends improvements in processes, design, procedures and operations to minimize environmental incidents. Maintains close contact with environmental health and safety, laboratory, operations and maintenance and other company departments. Assists in maintaining facilities' environmental licenses, permits and authorizations.

Qualifications:

Bachelor's degree in chemistry, environmental sciences or related field and 3-5 years environmental experience or equivalent work experience. (Typically six years of related, progressive work experience would be needed for candidates applying for this position who do not possess a bachelor's degree.) Five years of related experience. Background working in all environmental media. Demonstrated air, water, or waste/land use experience is required. A broad diversity of environmental work experience in private industry, governmental, and consulting is preferred.

To apply for this position and to view a complete job description, please visit our web site at www.calenergy.com.

Participants Sought for ESP Design Meeting (February 11, 2009)

Participants sought for an all-day design meeting for the ideal ESP, to be held in Palo Alto on Wednesday, February 11.

A limited number of participants are being sought for a one-day design meeting. The goal of the meeting is to develop the criteria for the ideal ESP (e.g., temperature, horsepower, diameter, efficiency, etc). Individuals knowledgeable in down hole submersible pumps and high temperature motors are explicitly sought. Representatives from pump companies are welcome.

Elevated temperatures in confined subsurface environments pose a unique set of challenges not encountered in other areas of energy retrieval. Recognizing this, a geothermal prize is being developed to spur innovation and accelerate the manufacturing of robust geothermal pumps. The goal is a set of design criteria for an ESP pump that is technically feasible within the next five to seven years.

The initial stages of this prize project are being funded by the Lemelson Foundation. To learn more about this project please contact Lawrence Molloy at Lawrence.Molloy@gmail.com.

Employment: Project Director, Municipal Clean Energy Project, Alliance to Save Energy

The Alliance to Save Energy is seeking a Project Director to start-up and to lead the Municipal Clean Energy Project (MCEP). The MCEP is a new multi-year, national initiative to encourage investment in, and deployment of, energy efficiency and clean energy programs and policies by publicly owned power utilities in the U.S.

The Project Director will have oversight and responsibility for the entire MCEP program, will report to the Vice President of Programs for the Alliance as well as to the MCEP Steering Committee, and will liaise with key project partners.

The successful candidate must have at least five years of program management experience and three years of experience in one of the following areas: publicly owned utilities, municipalities and/or energy efficiency. The candidate must also demonstrate organizational, writing and communications expertise and have the ability to work with senior level executives to both design and lead multi-faceted programs and initiatives. S/he must have a demonstrated ability to build and lead partnerships and/or coalitions. The candidate will work in a fast-paced environment with highly motivated staff in a rapidly growing, energy efficiency-focused organization. The position requires a modest amount of travel, mostly within the U.S. Candidates must have at minimum a Bachelors degree, Masters preferred.

Initial funding has been secured from a major foundation for the development of this initiative and the donor has expressed their interest in the future expansion of the program. Additional proposals have already been submitted to other funding sources. The current funding cycle is through 2011.

The position responsibilities include, but are not limited to, the following:

- Manage MCEP logistics, including budgeting, communications reporting, maintenance of the project web site, and supervision of project personnel and contractors;
- Liaise with the MCEP Steering Committee and project partners;
- Compile, field test and produce “best practice” tool kits for use by MCEP participants;
- Coordinate with project partners in the delivery of MCEP workshops and the tracking of workshop outcomes;
- Manage special events, including a project launch and Municipal Clean Energy Summits;
- Integrate the activities of the MCEP with other leading clean energy policy initiatives.

Salary is competitive based upon experience. The Alliance to Save Energy offers a generous benefits package and a comfortable work environment in downtown Washington DC convenient to Metro. Consideration of candidates will begin immediately and continue until the position is filled. The Alliance is an equal opportunity employer.

Applicants should send a cover letter, resume, salary history and references no later than December 1, 2008 by mail to Dianne Streat, Director of Administration, Alliance to Save Energy, 1850 M Street, N.W, Suite 600, Washington, DC 20036, or via email to dstreat@ase.org. No calls please.

Resource Development Opportunity – Rosebud Sioux Tribe, Rosebud, SD

The Native American Tribe near Mission SD has a deposit of geothermal energy under their large Rosebud Reservation in South Dakota. See U.S. News & World Report, November 7, 2007, DOE map of U.S. Geothermal Hotspots, p. 52, reference to deposit p. 50.

Leigh Bryant-Zarse, the architect, engineer, and consultant in Wisconsin who is submitting this solicitation, attended a meeting of the Tribe Council on September 16, 2008. The Tribe presented him with a resolution to approach developers with free exploration rights on their reservation, and agreed to split 1/10 of 1% of the energy profits for a period of 2 years, if found. These parties are looking for help to develop the resource. The reservation exists under a sole ownership, making it easy to deal with.

Contact: Leigh Bryant-Zarse, Architect-Engineer-Consultant, 1812 Mountain Ave., Wauwatosa, WI 53213-2336, phone and fax: 414-259-1812
Rosebud Sioux Tribe: Chief Rodney Bordeaux, PO Box 430, Rosebud, SD 57570, phone 605-747-2381

Employment: Research Associate II, SMU Geothermal Laboratory

Position: The SMU Geothermal Laboratory, Dallas, Texas, has an opening for a Research Associate II for an appointment of 2 years. The research is supported in part by a grant from GOOGLE.org to SMU. The activities associated with the position relate to the temperature field of the U.S. lithosphere. The outcome is the ability to make sound resource related renewable energy decisions. This research will build on the extensive thermal data sets used to produce the 2004 Geothermal Map of North America by collecting new data and modeling the regional thermal structure.

Qualifications: A PhD in geosciences is strongly preferred or an MS in geophysics and 3 years of work experience. Candidates must demonstrate strong analytical/critical thinking skills to identify issues and information requirements, apply appropriate research and analytical procedures, and review data with a strong focus on attention to detail and accuracy.

Apply online at <http://smu.edu/hr/recruit/> search for “geothermal”

Contact: Dr. David Blackwell, blackwel@smu.edu, 214-768-2745

Employment: Geothermal Engineering Analyst, National Renewable Energy Laboratory

Geothermal Engineering Analyst—Requisition #114BR or 115BR—Washington, D.C.

Job/Research Summary: This position performs technology, market and economic analysis, with an emphasis on geothermal energy technology, systems, and infrastructure. Work carried out will support R&D and decision-maker support activities within the Geothermal program through the use of analysis methodologies such as economic feasibility, market transformation, risk, portfolio balance, and cost-versus-benefit. Design novel approaches for systems and infrastructure analysis. Deliver quality products that synthesize the inputs of team members, researchers, market players, and other analysts. Innovate new methods, tools, and approaches that enable greater understanding of geothermal systems.

Job Duties: Combines broad, in-depth knowledge of chemical and/or mechanical engineering with an emphasis on process, heat transfer, and fluids engineering with strong economic analysis capabilities. Performs engineering/economic analyses of geothermal systems and electric transmission in cooperation with research community to gather and understand field data. Documents work in detailed technical memos and internal milestone reports; publishes and presents key results in peer-reviewed journals and at regional, national, and international scientific meetings and conferences. Supports the development of annual operating plans and assists with strategic planning efforts. Works with Department of Energy on technology goals and opportunities.

Minimum Qualifications: Bachelor's Degree in science and/or engineering, or equivalent/relevant education/experience. 3 years of relevant R&D experience.

Preferred Qualifications: Multidisciplinary research exposure to both chemical and mechanical engineering systems, especially those related to the development of cost-effective geothermal systems for utility-scale applications. Familiarity with value chain analysis, risk analysis, and dynamic modeling. Experience in the development and evaluation of applied technology aimed at entering the marketplace. Previous industry experience in renewable energy and geothermal technologies, with experience in related analysis. Established base of contacts with individuals and institutions relevant to energy analysis. Experience working with the federal government. Some experience with computer modeling of energy markets.

Pre-employment drug testing required.

Please visit our website for more information and to apply online: www.nrel.gov/employment/
NREL is an equal opportunity employer committed to diversity and a drug-free workplace.

Employment: Sales Manager, Ormat Technologies

Ormat Technologies has an immediate opening for a full time Sales Manager located in our Reno, NV. The ideal candidate will 10+ years in related Sales experience in the energy/renewables industry.

Position Title: Manager of Sales, Geothermal Development; **Department:** Business Development; **Location:** Corporate Office Reno, NV; **Reports to:** Director, Geothermal Development; **Position Summary:** The Manager of Sales, Geothermal Business Development, will be responsible for the sales and marketing of renewable energy products. The selected candidate will help lead the commercialization and sales efforts for Ormat's latest geothermal supply of geothermal plant equipment, electrical power generation projects, as well as the supply of engineering and construction services for 3rd Party power projects.

Essential Functions: Develop detailed sales and marketing strategies to grow sales within the power generation industry; Conduct market segmentation research, identify lead databases and determine sales channels to establish customer opportunities and spearhead direct sales efforts; Manage customer relationship from initial feasibility trials through to field deployment.

Other Responsibilities: Work flexibly within a dynamic, multidisciplinary team.

Education, Experience and Skills Required: Minimum of 10 years experience in a similar position; Bachelor's degree in Marketing or related field or equivalent experience and/or technical qualifications relevant to the geothermal applications, as well as Engineering and Construction; Experience in marketing or application engineering; Experience working directly with customers in a sales organization with strong communication and interpersonal skills.

Physical Requirements: Must be able to travel regularly

To apply for the position please send a resume to Chris@redfishtech.com.

Employment: Engineer V, Geothermal Experience Preferred, Northern California Power Agency

Performs engineering tasks relating to plant reliability/ performance efficiency, primary technical resource for CMMS, supervises implementation of system/equipment repairs/upgrades, PM for plant efficiency upgrade/retrofit projects, construction mgr for public works projects, supervises plant chemical lab & environ, health/safety staff. First 4–6 months, position assigned to NCPA HQ office/Roseville, then GEO Plant, Middletown, CA thereafter. During initial period in Roseville, temp housing provided if required.

Requires BA in electrical/mechanical engineering; MA preferred; and min 10 yrs exp plant/production engineering, preferably within geothermal industry; 2 yrs experience plant reliability/ maintenance engineering & 2 yrs mgmt. exp preferred. Requires knowledge/experience in industry codes/standards; CMMS, Root Cause Failure Analysis, Reliability Centered Condition Based/Mntc, CBM equip; steam turbine plant monitoring & power plant electrical sys; writing, analyzing/interpreting scientific/tech info.; making presentations and some travel in CA. Starting salary: \$96 to \$121K plus exc employer benefits inc CalPERs retirement/medical.

Application at www.ncpa.com

Requests for Proposals (RFPs)

RFP for Small Business Technology Transfer, National Science Foundation (February 25)

The National Science Foundation requests proposals for the Small Business Technology Transfer Program (STTR). STTR seeks to stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal R&D needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. Areas of interest include: Materials for Sustainability, Bio-inspired Materials and Systems, Smart Materials and Structures, and Nanostructured Materials. \$5 million expected to be available, up to 35 awards anticipated. Letters of Intent are required and are due 1/14/09, final proposals due 2/25/09.

For more info, contact Cheryl Albus at calbus@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08608. Refer to Sol# 08-608. (Grants.gov 9/22/08)

RFP for Energy Efficiency, Renewable Energy, and Transmission Technologies, DOE (February 26)

This solicitation announcement (DE-PS01-08LG00001) invites the submission of applications for loan guarantees under Title XVII of the Energy Policy Act of 2005, 22 U.S.C. 16511-16514 (“Title XVII”), from the U.S. Department of Energy in support of debt financing for projects in the U.S. that employ energy efficiency, renewable energy, and advanced transmission and distribution technologies that constitute New or Significantly Improved Technologies. Copies of related regulations may be found at <http://www.lgprogram.energy.gov/>.

DOE is actively promoting projects that fall within the following three general but distinct project type categories: (1) manufacturing projects, (2) stand-alone projects, and (3) large-scale integration projects that may combine multiple eligible renewable energy, energy efficiency and transmission technologies in accordance with a staged development scheme.

The applicant is requested to specify which, if any, of the following project types and technology categories most accurately represents its project: (1) Alternative Fuel Vehicles, (2) Biomass, (3) Efficient Electricity Transmission, Distribution and Storage, (4) Energy Efficient Building Technologies and Applications, (5) Geothermal, (6) Hydrogen and Fuel Cell Technologies, (7) Energy Efficiency Projects, (8) Solar, and (9) Wind and Hydropower.

With questions, email the LGPO at lgprogram@hq.doe.gov. Please include in the subject line “RETDEE Solicitation Question.” Completed applications due February 26, 2009 Full announcement can be found at <http://www.lgprogram.energy.gov/keydocs.html>.

RFP for Renewables, Oklahoma Gas and Electric (February 27)

The Oklahoma Gas and Electric Company seeks 300 MW of eligible wind energy resources that will be interconnected to the Southwest Power Pool and operational by 12/31/10. Notice of Intent to Bid due 2/9/09, final proposals due 2/27/09.

For more info, go to: <http://www.oge.com/es/rfp/wind2008-rfp.asp>. (Green Power Network 12/10/08)

RFP for Alternative Fuels & Clean Cities, U.S. DOE (February 27)

The U.S. Department of Energy requests proposals for Clean Cities FY 09 Petroleum Reduction Technologies Projects for Transportation Sector, for projects covering a range of alternative fuel and transportation-related technology deployment and educational activities. Areas of interest include: 1) Refueling Infrastructure for Alternative Fuels, 2) Incremental Costs of Dedicated Alternative Fuel Vehicles, and 3) Education and Outreach Workshops for Petroleum Reduction Fuels and Technologies. Up to \$6 million expected to be available, up to 24 awards anticipated. Responses due 2/27/09.

For more info, contact Janet Laukaitis at janet.laukaitis@netl.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/0ba000b968a07c9885256c3f0067b90d/1a2666e72e53ddbe85257527005b80df?OpenDocument>. Refer to Sol# DE-PS26-09NT01236-00.

RFP for Environmental Sustainability, National Science Foundation (March 1)

The National Science Foundation requests proposals for the Environmental Sustainability Program. This program supports engineering research that seeks to balance society’s need to provide ecological protection and maintain stable economic conditions. The four principal research areas include: Industrial Ecology, Green Engineering, Ecological Engineering, and Earth Systems Engineering. Responses due 3/1/09.

For more info, contact Bruce Hamilton at bhamilto@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027. Refer to Sol# PD-09-7643. (Grants.gov 12/5/08)

RFP for Environmental Implications of Emerging Technologies, National Science Foundation (March 1)

The National Science Foundation requests proposals for the Environmental Implications of Emerging Technologies Program. This program provides support to develop and test the environmental effects of new technologies and emphasizes engineering principles underlying technology impacts. Innovative production processes, waste reduction, recycling, and industrial ecology technologies are of particular interest. Responses due 3/1/09.

For more info, contact Paul Bishop at pbishop@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501030. Refer to Sol# PD-09-1179. (Grants.gov 12/5/08)

Comments Sought on Draft Documents, Map, Western Renewable Energy Zones Initiative (March 2)

The Western Renewable Energy Zones Initiative urges all interested parties to comment on areas that have been identified through the WREZ process as having high quality and developable renewable resources. The aim of the WREZ initiative is to expedite the development and delivery of electricity generated by renewable energy.

Key Dates and Events:

- Present - April 2009 - ZITA and E&L work groups continue to refine recommendations
- February 2 - March 2, 2009 - Public comment period
- April 23 - 24 2009 - Technical Committee meeting in Salt Lake City, Utah to recommend final REZs, and next steps for Phases 2 - 4 to the Steering Committee
- April TBD - Comment period on revised REZ maps that identify areas with wildlife sensitivities
- April - May 2009 - Steering Committee acts on Technical Committee recommendations
- June 14 - 16, 2009 - WREZ Phase 1 report on the identification and mapping of commercial renewables, including REZs, presented to the governors and premiers at WGA's Annual Meeting
- Fall 2009 - Phase 2 conceptual transmission planning report completed. Phase 3 discussion begins among utilities on coordinated procurement. Phase 4 collaborative efforts begin among state and federal agencies in the review of permits for interstate transmission.

For general questions, contact Madeleine West, Energy Program Associate, mwest@westgov.org, 303-623-9378 ext. 125

Several draft documents and a map are available for review and comment. Background on the WREZ project is provided below and can be viewed online at: http://rs6.net/tn.jsp?et=1102433942863&e=001eKTxUuCS9bosPScXmm03jt4vgEMtGWGxxHec00s6q99ERneXH_nquSz2jicR8Z7Fg6WfYyF9Q4VPIQPMwEMH_oW9hXV20VRgvrWKMM-A2henMQwejPltdtqrMtv3eNPmj3e-Z3J9NIj3VPbFtipDakrurHYafn2fBoHBQGEgs8=.

RFP for Community Action for a Renewed Environment, U.S. EPA (March 16)

The U.S. Environmental Protection Agency requests proposals for the Community Action for a Renewed Environment (CARE) program. CARE is a community-based, community-driven, multimedia demonstration program designed to help communities understand and reduce risks due to toxic pollutants

and environmental concerns from all sources. \$3 million expected to be available, up to 18 awards anticipated. Responses due 3/16/09.

For more info, contact Dennis O'Connor at oconnor.dennis@epa.gov or go to: http://www.epa.gov/air/grants_funding.html. Refer to Sol# EPA-OAR-IO-09-02. (Grants.gov 12/17/08)

RFP for Combined Heat and Power, California Energy Commission (March 19)

The California Energy Commission requests proposals for the Combined Heat and Power and Combined Cooling, Heating, and Power Grant Solicitation. Through this RFP, the CEC seeks RD&D projects that will advance the science, technology, and market penetration in CA of grid-connected, Combined Heat and Power (CHP) systems, which are closely integrated with prime movers (engines, turbines, and fuel cells). Proposals due 3/19/09.

For more info, go to: <http://www.energy.ca.gov/contracts/pier.html>. Refer to PON# 08-005.

Upcoming Events

GeoFund–IGA Geothermal Workshop, February 16–19, 2009 (Istanbul, Turkey)

Partnership International, Inc would like to invite you to the GeoFund - IGA Geothermal Workshop in partnership with the IGA (International Geothermal Association) and the World Bank this February 16-19, 2009 at the President Hotel in the heart of old-city Istanbul, Turkey.

The goal of the Workshop is to educate participant and thereby enable geothermal development via World Bank and IFC GeoFund as well as private sector financing. These GeoFunds will enable the development of bankable geothermal existing and greenfield projects, and help mitigate the risk of explorations in Europe Central Asia region. As outlined by the World Bank's GeoFund initiative, the workshop aims to help educate participants on how to secure these funds for geothermal developments in 2009:

Direct Investment: GeoFund, via the World Bank, will support selected project developers by providing low cost loans, contingent grants and outright grants which would cover part of the project cost through monetization of external benefits. GeoFund via the IFC, the GeoFund will help improve the performance of existing geothermal installations through renovation of existing facilities, and will support bankable business plans greenfield facilities where the resources are promising.

Geological Risk Insurance Window: GeoFund will partially insure project developers/investors against the short-term and medium-term geological risks. This insurance will help mitigate the risks associated with geothermal energy exploration.

For more information, please see that attached Application, or visit the website: <http://www.partnership-international.com/GeothermalEnergy.php>.

If you are interested in a Best Practice Geothermal Kiosk please visit the website: http://www.partnership-international.com/Geothermal_Kiosk.php.

For information on being a Corporate Sponsor in the workshop – please contract Tracy Mathieu for further information: <http://www.partnership-international.com/GeothermalSponsors.php>.

International Renewable Energy Agency Briefing, Environmental and Energy Study Institute, February 20 (Washington, DC)

Friday, February 20th with Hermann Scheer from the German Bundestag.

The Environmental and Energy Study Institute (EESI) will be hosting a briefing about the potential role and impact of the newly-formed International Renewable Energy Agency (IRENA) and global renewable energy policy. IRENA is a newly established international agency comprising 76 nations thus far, seeking to promote widespread adoption and sustainable use of all forms of renewable energy.

Hermann Scheer, the General Chairman of the World Council for Renewable Energy, will discuss the formation of this agency and its role in global energy policy. Congressional respondents will offer a US perspective on this agency and prospects for potential membership.

Speakers for this event include:

- * Hermann Scheer, PhD, Member of the German Bundestag, President of EUROSOLAR; General Chairman of the World Council for Renewable Energy (WCRE); President of the International Parliamentary Forum on Renewable Energies
- * Tara Billingsley, Professional Staff, Senate Energy and Natural Resources Committee
- * Gerry Waldron, Staff Director, House Select Committee on Energy Independence and Global Warming

The briefing will take place on Friday, February 20, from 11:00 - 12:00 noon in 2325 Rayburn House Office Building. This briefing is free and open to the public. No RSVP required.

Featured Event: Renewable Energy World Conference and Expo North America 2009, March 10–12, 2009 (Las Vegas, NV)

North America's Premier Renewable Energy Conference & Expo Is Now in its 6th Year!

The Renewable Energy World Conference & Expo North America (formerly POWER-GEN Renewable Energy & Fuels) has a proven track record—now in its 6th year— as renewable energy's leading conference. It offers a worldwide audience who will hear papers, panel discussions and presentations during technical sessions related to technology, markets, business strategies and policy covering the wind, solar, biomass, hydro, geothermal, ocean/tidal/wave, bio-power, bio-fuels hydrogen and energy sectors. There has never been a better time to be a part of the exciting, ever-growing world of renewable energy!

Connecting 5,000 renewable energy power professionals with 300 exhibitors for three days of networking, new business negotiation, and the exchange of important ideas and information impacting the renewable energy industry today.

REenergize with new technologies, new companies, new strategies and new views!

The Geothermal Energy Association will be exhibiting at this event. GEA has also organized panels for Wednesday and Thursday on “Enhanced Geothermal Systems,” “US Geothermal Market,” and “Geothermal Finance and Incentives.” GEA’s Executive Director, Karl Gawell, will also be among the Keynote Session speakers on Tuesday, March 10th.

For more information and to register, visit <http://rewna09.events.pennnet.com/fl/>.

Canadian Geothermal Energy Association Conference and AGM, April 22–24, 2009, (Vancouver, B.C.)

The Canadian Geothermal Energy Association (CanGEA) announces their Workshop, Tradeshow, Conference and AGM on April 22–24, 2009 in Vancouver, BC.

CanGEA also announces that its 2009 membership drive has begun. CanGEA welcomes all members interested in advancing the development of Canada's vast resources. In addition, members receive premium benefits on one of the world's most popular geothermal websites.

Visit the Web site for information: <http://www.cangea.ca/>.

Featured Event: GEA Project Showcase, Newseum, May 6, 2009 (Washington, DC)

GEA will be inviting the DC energy policy and technology community to see geothermal energy projects under development in the West at the Newseum in Washington DC. Leading geothermal companies in the U.S. will show their new geothermal projects either near completion or just coming online. Companies will share footage (video or stills) and talk about their projects. A panel discussion with moderator is also expected to be part of this half-day event. For more information contact Kathy Kent at kathy@geo-energy.org.

Featured Event: GEA Geothermal Finance and Development Workshop, Washington Convention and Trade Center, June 3, 2009 (Seattle, WA)

GEA will hold its next in a highly successful series of Finance and Development Workshops in Seattle, WA on June 3. The agenda of this workshop will include a U.S. Geothermal update, panel of project developers, technology panel, finance panel, community/environmental panel, tribal and power company perspectives, keynote presentations by the Mayor of Seattle and other notable invitees. While encompassing development across the U.S., some presentations will focus on the Pacific Northwest. This event will be promoted nationwide and to the media. For more information contact Kathy Kent at kathy@geo-energy.org.

Featured Event: GEA Direct Use/Small Power Finance Workshop, Oregon Institute of Technology (OIT), August 12-13, 2009 (Klamath Falls, OR)

GEA in cooperation with OIT will host a geothermal direct-use and small power workshop in Klamath Falls, Oregon in the summer of 2009. The format would be an all day workshop with a site tour the following day. Included in the workshop agenda will be the how-to's of financing a small power/direct use project, direct use technology, presentations of small projects and direct use projects today and information about drilling and exploration for such projects. For more information contact Kathy Kent at kathy@geo-energy.org.



GEA Update

A newsletter for GEA Members written by Leslie Blodgett and Karl Gawell. For more information contact GEA at: 209 Pennsylvania Avenue SE, Washington, D.C. 20003. Phone: 202-454-5261; Fax: 202-454-5265; E-mail: research@geo-energy.org