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<http://www.geo-energy.org/updates.aspx>



National News

Senate Democratic Caucus Pushes for Clean Energy Legislation This Year

Members of the Senate Democratic caucus met on June 24 to discuss possible provisions for comprehensive clean energy legislation. Majority Leader Harry Reid (D-Nev.) plans to bring up next month. Lawmakers such as Jeff Bingaman (D-N.M.), John Kerry (D-Mass.), and Joe Lieberman (I-Conn.) presented plans they have been touting, and Democratic chiefs of staff are to be briefed Friday on the various climate proposals.

At this point it seems any of the components could be included in a final piece. "There were a number of discussions today as to how we can arrive at what's best for the country, and of course pricing carbon is part of our discussion," Reid told reporters.

Reid said that whatever form clean energy legislation will take, the Democratic Caucus agrees:

- it must deal with the catastrophe in the Gulf;
- it must create millions of jobs;
- it must cut pollution; and
- it must strengthen our economic security, our national security and our energy independence

Despite the uncertainty as to what the legislation will include, the caucus was in general agreement to pass something this year. "We're going to write a bill that sets reasonable goals over a reasonable timeframe that will benefit both our environment and our economy. We're going to write a bill that can pass the Senate," Reid said. "My caucus is ready to get to work, but we need the cooperation of brave Republicans and it is our hope they join us in putting good policy over bad politics."

See <http://democrats.senate.gov/newsroom/record.cfm?id=325919&> and <http://thehill.com/blogs/e2-wire/677-e2-wire/105539-democratic-senate-offices-delve-into-climate-details-following-caucus-meeting>.

GEA Workshop to Address Utilities, Co-ops and Public Power

On July 22, the Geothermal Energy Association (GEA) will explore the future of utility-scale geothermal power at an industry conference held in Las Vegas. With geothermal production expanding to 15 states, many new utilities, coops and public utility districts are considering geothermal for the first time. This session brings together utilities, coops, and PUDs familiar with geothermal to discuss how they have achieved success with geothermal developers and companies. Sessions will focus on approaches and challenges for utility-scale projects in the U.S., federal and state support for utilities and renewables, risk management, transmission issues, and more.

According to GEA's recent Update on Geothermal Power Production and Development, Nevada is already a leader in geothermal power production with 86 geothermal projects in development that together represent a potential of up to 3686.4 MW.

"The growth of the geothermal industry in Nevada has been a sparkling example of how developers can harness this resource at a large scale and make it an extremely attractive option for utilities," said GEA Executive Director Karl Gawell. "As the only baseload source of renewable power, geothermal is the perfect option for utilities interested in green power."

With the abundant geothermal resource that Nevada boasts, the state has the opportunity to build an even more extensive geothermal power portfolio. Strong state and national renewable electricity standards continue to push forward these developments and Nevada could, with forward-thinking leadership, be the first in the nation powered 100% by renewable energy.

"Eleven of the projects under development in Nevada were ARRA funded. With incentives like those, as well as extending the geothermal tax-grants and efforts to ensure transmission networks and policies support new

geothermal development, we can keep pushing this state and this nation to build the green economy we need," said Gawell.



Company News

Geothermal Stocks Up 10.5%

Geothermal was one of three strong stock gains this month. Geothermal stocks were up 10.5%, with Nevada Geothermal PW (OTC: NGLPF) up 26.5%, US Geothermal Inc. (AMEX: HTM) up 9.9%, and Ormat Technologies Inc. (NYSE: ORA) up 4.7%.

See <http://247wallst.com/2010/06/24/this-month%E2%80%99s-biggest-index-gainers-geothermal-brazil-and-chinese-travel-stocks/>.

Ram Power: Purchase of Geysers Property Announced

Press Release, June 24 — Ram Power, Corp. (TSX: RPG) ("Ram Power"), is pleased to announce that it has purchased through its wholly owned subsidiary, Etoile Holdings Inc. ("Etoile"), 100% of the membership interests in Mayacamas Energy LLC ("Mayacamas") which has direct ownership of the 421 acres of land associated with the identified steam resource for Ram Power's Geysers Geothermal Project (the "Project") in Northern California and provided the majority of the steam to a 55 megawatt power plant operated by Pacific Gas and Electric until 1989.

The Mayacamas property has three fully tested production wells which can support over half of the 25-35 megawatt project originally engineered by Western GeoPower Inc. (a wholly owned subsidiary of Ram Power) and is adjacent to Ram Power's 3,500 contiguous leased acres with several existing well pads that could provide access into undeveloped areas of the steam field. Together, these parcels of land will provide maximum flexibility to investigate the various alternatives for advancing the Project. The objective of these alternatives is to further enhance the proven steam resource and thus the value of the Project. Such alternatives being considered include an expanded drilling program on the site, the sale of steam to power producers and the development of Ram Power's own operating facility.

The purchase price paid by Ram Power was an undisclosed amount of cash. As a result of the transaction, Ram Power will no longer be required to pay a royalty of 4% to 12% from the revenues associated with the selling of power that utilizes the steam from the resource.

Hezy Ram, CEO of Ram Power, stated, "Ownership of the land rights is a key element for Ram Power, allowing for flexibility and autonomy in the development of the Project. The purchase of the land and resource rights for the Project is a continuation of our commitment to developing our pipeline of projects to their full potential."



Renewable Energy and Climate Change

BLM Seeks to Protect Sage Grouse Under Management Plans

The Bureau of Land Management will revise plans for about 8 million of acres of federal land in Wyoming in efforts to protect the sage grouse. Wyoming is seeking to avoid an Endangered Species Act listing for the bird, as this could potentially cripple energy and agricultural developments in the state.

BLM plans will focus on discouraging development within resource management plans for the bird's identified habitat. BLM is accepting public comment through Monday to help define the scope of an Environmental Impact Statement, expected to be completed in September 2012. A series of public meetings will begin in late July.

See <http://www.eenews.net/Landletter/2010/06/24/5/>.

Geothermal System Installed for Jeff Gordon

Jeff Gordon, NASCAR Cup Series champion, recently installed a geothermal heating and cooling system at his home in Charlotte, N.C. Gordon is using WaterFurnace Envision heat pumps from WaterFurnace International.

The systems are eligible for American Recovery and Reinvestment Act tax credits. The incentive covers 30% of the total investment for geothermal systems installed before December 31, 2016, and is retroactive to January 1, 2009.

See http://www.nehvacinsider.com/news410/jeff_gordon_goes_green.html.



State News

California: Utilities Pursuing Renewable Energy Contracts

Investor-owned utilities (IOUs) submitted 37 renewable contracts for approval in the 1st Quarter 2010, more than the average approved by the California Public Utilities Commission in an entire year, according to its quarterly renewable energy progress report. IOUs are requesting approval of more than 50 contracts before the end of the year, twice as much as in prior years.

In 2009, the state's IOUs collectively served 15.4% of their electricity with renewable energy, up from 13% in 2008. Specifically, 14.4% of energy provided by Pacific Gas and Electric Company (NYSE: PCG) came from renewable resources; Southern California Edison (NYSE: EIX) 17.4%; and San Diego Gas and Electric Company (NYSE: SRE) 10.5%. Together these three IOUs provide 68% of the state's electricity.

The state is expected to see about 18% of electricity from renewables in 2010 and 21% in 2011.

See <http://www.sustainablebusiness.com/index.cfm/go/news.display/id/20561>.

Alaska: Governor Cuts Clean Energy Funding in Half

A geothermal exploration plan at Akutan and a geothermal heating system for Gastineau Elementary School in Juneau are among the clean energy projects that could be delayed after a \$25 million funding veto by Gov. Sean Parnell. Legislature had originally approved \$50 million.

Other affected projects include a transmission line for the Reynolds Creek hydro project in Southeast Alaska and wind projects in St. Mary's, Teller, Stebbins and Scammon Bay. Energy adviser Gene Therriault said many of the projects can apply for the next round of funding.

See <http://www.google.com/hostednews/ap/article/ALeqM5iGvAtktzvQwagKasdKsYQYtAUWyQD9GGK9N00>.

Colorado: Geological Survey Maps Geothermal Hotspots

Press Release – The Colorado Geological Survey has published two new maps of Colorado's geothermal resources which may one day be used to help the state diversify its renewable energy generation portfolio.

One of the maps shows the state's geothermal gradient, or the rate at which temperature increases underground. The second plots the location of inactive or abandoned oil and gas wells located near promising geothermal resources, wells which might be repurposed for electrical generation.

"Most of Colorado has temperature gradients that are higher than average for the earth's crust, but we now have a map that shows us specific areas where temperatures are much higher than average," said Matt Sares, deputy director of the Geological Survey.

Several other western states produce electricity from geothermal power plants, the top two states being California and Nevada. Colorado does not yet have a geothermal plant, though the U.S. Bureau of Land Management has begun the process of leasing federal lands for geothermal development.

The new map of Colorado's geothermal hotspots was compiled using geothermal data from several sources including past Colorado Geological Survey publications, national and global heat flow databases, and oil and gas well data. It identifies several areas of high geothermal potential in mountainous areas of Colorado, including Mt. Princeton and Poncha Springs in Chaffee County, Waunita Hot Springs in eastern Gunnison County and much of the San Luis Valley. Other areas lie in or near Trinidad, Pagosa Springs, Rico, Ouray, Somerset, Cañon City and North Park, Sares said.

The second map identifies inactive oil and gas wells located in promising geothermal areas which could potentially be re-entered and deepened to access commercially promising geothermal resources.

"The Raton Basin near Trinidad and the San Juan Basin near Durango jump out as favorable areas on this map," said Paul Morgan, senior geothermal scientist at CGS. Other "temporarily abandoned" or "shut-in" well locations in the Denver Basin are also highlighted.

Funding for the compilation of data and production of the maps came from the Governor's Energy Office to help develop renewable energy in Colorado.

"This work is truly a collaborative effort between our state agencies to develop the geologic data that will attract geothermal development in Colorado," said Francisco Franco, GEO's Renewable Energy Program senior associate.

The new maps, "Interpretive Geothermal Gradient Map of Colorado" and "Oil and Gas Wells in Areas of Colorado with Superior Geothermal Properties" are available in digital format only. CD-ROMs containing the maps and associated databases can be purchased through the Colorado Geological Survey's online bookstore at: <http://dnr.state.co.us/geostore/>.

See <http://www.lyonsrecorder.com/index.php/news/boulder-county/399-colorado-geological-survey-maps-geothermal-hotspots>.



International News

Australia: Petratherm Provides Project Details in Community Meetings

Petratherm recently answered questions at a series of community consultation meetings regarding the Paralana Geothermal Energy Project. Thus far a deep injection well has been successfully drilled, and as plans move forward the company expects to reach construction stages in late 2011.

The company was asked to describe the process of fracture stimulation: "The aim of this process is to produce small, almost horizontal fractures in the rock to create an underground reservoir. The high pressure fluid opens up pre-existing hairline fractures within the rock. When the rock fractures, a small amount of slip occurs along the fracture line. Once pumping of the fluid ceases, the fracture will remain open."

"This is a routine operation in the oil and gas industry and has been performed at many other engineered geothermal project sites across the world, including the Geodynamics site in the Cooper basin," it said.

Another common question was: What economic benefits will the project bring to the local region? Petratherm responded that about 55 people were on site during the drilling process, and that about 200 jobs could be created over the next 10–15 years. "Petratherm will seek to offer employment to the local community and encourage indigenous employment," the company said.

For more questions and answers about the Paralana project, see <http://www.petratherm.com.au/>.

Indonesia: Pertamina to List Geothermal Subsidiary

State oil and gas firm Pertamina will list subsidiaries PT Pertamina Geothermal Energy (PGE) and PT Pertamina Hulu Energi (PHE), which produces oil and gas, to boost performance.

"We may divest about 20% of each of those firms," director of investment planning and risk management Ferederick Siahaan told press. PGE operates geothermal plants in West Java and North Sulawesi and needs investment to expand its geothermal capacity to 1,340 MW within five years.

See <http://af.reuters.com/article/energyOilNews/idAFJAK48817120100625>.

Kenya: KenGen Commissions New 35-MW Unit at Olkaria II

On June 22, Kenya Electricity Generating Company (KenGen) commissioned the 35-MW third unit at the Olkaria II geothermal power plant, which now has a combined output of 105 MW and is the largest geothermal plant in Africa. The unit was completed in 27 months and went to commercial operation on May 12.

KenGen Managing Director, Eddy Njoroge said the company plans to increase its capacity by 500 MW in five years. "The five-year strategy will stabilize the power situation in Kenya as we embark on other ambitious projects to ensure adequate and sustainable power supply to our economy," he said.

The European investment Bank, the International development Association and the Agence Francaise de Development helped finance the project.

See http://www.coastweek.com/3326_power.htm.

UK: Geothermal Team Creates Successful Borehole

Newcastle University scientists, with a £460,000 grant from the Department of Energy and Climate Change, reached a milestone with the creation of a twin borehole central heating system. On water was pumped to the surface which can then be passed through a heat exchanger and reinjected through a second borehold. Professor Paul Younger, director of the Newcastle Institute for Research on Sustainability is hoping for further DECC support.

"This is the first deep geothermal borehole to be made available in the UK for more than 20 years," Younger told press.

See <http://www.ft.com/cms/s/0/438db28e-7ede-11df-8398-00144feabdc0.html>.



<http://www.geo-energy.org/updates.aspx>



Notices

Current Notices

Resource Assessment, Below Ground Engineering, Binary Technology for Power Plant, SMU

SMU Geothermal Laboratory has been contacted by the owner of a couple of wells in Goliad County, Texas (Wilcox formation, ~ 14,000 feet) who is interested in developing the abandoned wells for geothermal energy.

This could be a submitted proposal to the Department of Energy's Solicitation for Geothermal Energy Production DE-FOA-0000318 Geothermal Energy Production from (B) Coproduced Fluids.

SMU is willing to assist on the project but needs a leading company to perform the resource assessment and the below ground engineering.

TAMU - Texas Engineering Experiment Station (TEES) is interested in working on the project and is willing to perform the economic study, with their prime interest in the Technology.

We have a company willing to provide the above ground engineering for the power plant.

Still needed: resource assessment, below ground engineering, binary technology for power plant

If you are interested in being the lead for this project or can contribute, please let me know.

Maria Richards
SMU Geothermal Lab Coordinator
Room 220 Heroy
214-768-1975
mrichard@smu.edu
PO Box 75-0395
Dallas, TX 75275-0395
<http://smu.edu/geothermal>

Colorado Geothermal Working Group Presentations Posted on New Group Site

Presentations from the May 27 Geothermal Working Group meeting at the Denver Museum of Nature and Science are now posted at a new group site called Geothermal Energy in Colorado: <http://coloradogeothermal.groupsite.com/>. By joining and participating in this site you will have access to geothermal resources, notices and communications, and networking opportunities. All members can post geothermal events to a calendar, join a forum for discussions, and access an index for finding contacts and resources.

Input Sought for Environmental Assessment, San Luis Valley Public Lands Center (July 7–8)

From BLM:

The San Luis Valley Public Lands Center (SLV-PLC) is seeking your input to guide an analysis which will re-evaluate existing geothermal leasing allocation, identify which lands to make available for leasing, and under what conditions. The analysis will be documented in an Environmental Assessment (EA) under the National Environmental Policy Act (NEPA) and is expected to form the basis to amend the Bureau of Land Management's San Luis Resource Area Resource Management Plan.

Two public meetings will be held to provide information and seek input concerning the analysis. Meetings will be held as follows:

- Wednesday July 7th, Saguache Community Center, 525 7th St, Saguache, CO
- Thursday July 8th, Room 130, Porter Hall, Adams State College, (2nd building north of Main Street, parking lot out front), 208 Edgemont Boulevard, Alamosa, CO

The meetings will start with an open house format from 6:30 p.m., with a presentation at 7 p.m., a question and answer period at 7:30 p.m., and followed by a continued open house until 9 p.m.

Information regarding the project will be posted as it becomes available on the SLV-PLC website at www.blm.gov/co/st/en/fo/slvplc.html. Additional information requests may be directed to slvplc_comments@blm.gov or via telephone to Joseph Vieira at the SLV-PLC at 719-852-6213.

Geothermal Power Plant Technician Program in Iceland

From the Keilir Institute of Technology: Recent developments within the technologies of geothermal power plants have led the expansion of technical training in Iceland to cope with the demand for technicians. The Geothermal Power Plant Technician course at the Keilir Institute of Technology is set to address the growing need for skilled geothermal power plant technicians as well as health, safety and environmental issues.

The Geothermal Power Plant Technician course at Keilir is split into two separate programs, which are then spread across two years. The first year is an Associate of Applied Science Degree (worth 60 ECTS), where students receive hands-on training in running and maintaining power plants. The second year is an Associate of Science Degree (also worth 60 ECTS), which is more focused on the academic methods and techniques used for planning daily operations, maintenance and purchasing equipment/spare parts – the combination of the two results in a total of 120 ECTS.

Students will show a great deal of initiative, implement improvements and perform follow-up actions throughout the program. Students will also be trained with a 'sense of ownership' towards running, operating and maintaining geothermal power plants. This will of course be beneficial towards the impact of long-term employment opportunities.

In addition, students will learn how to significantly reduce maintenance costs through specialized training, without the need for a manufacturer's service. The Geothermal Power Plant Technician Program is available from September 2011 at the Keilir Institute of Technology in Keflavik, Iceland.

To find out more regarding geothermal power in Iceland, the course and Keilir visit: <http://en.keilir.net> or contact Arnbjorn Olafsson, Department Manager at Keilir Institute of Technology.

California Transmission Planning Group Releases Phase 2 Study Plan

The 2010 CTPG Phase 2 Study Plan incorporates "comments and recommendations of many stakeholders and entities with roles in the planning, development, and implementation of transmission facilities, most notably the California Renewable Energy Transmission Initiative and the State's principal energy agencies," states the report.

"As more resource procurement scenarios become available and clearer, CTPG envisions that the transmission plans it develops will require additional reviews and further studies to reflect such updated scenarios as well as other relevant updates, including renewable resource development progress and changes in circumstances or regulations."

The report is available at http://www.ctpg.us/public/images/stories/downloads/2010-05-07_final_phase_2_ctpg_study_report.pdf.

Íslandsbanki's Releases Iceland Geothermal Market Report

From Íslandsbanki: Recently, Íslandsbanki published its first geothermal energy market report on its home market Iceland.

In the current economic environment, Iceland is looking more than ever to the energy sector as one of the potential key drivers for economic development and foreign investment. At the same time, there is a vigorous political debate about issues surrounding the development of new power generation capacity, foreign involvement, environmental aspects and the general impact of new development in the broader scheme of development.

The report aims to provide a constructive look at investment needs for geothermal power development in Iceland. It also seeks to highlight available opportunities and the depth of the experience in this sector in Iceland.

It comprises an overview of the current Icelandic energy market, geothermal energy in Iceland, the outlook for the energy market and geothermal energy, and investment needs.

With current installed electricity generating capacity from geothermal energy of 575 MW, Iceland ranks number 7 in the international context, deriving 62% of its primary energy consumption from geothermal sources. Current projects represent additional capacity of 1,080 MW with an overall potential of about 4,300 MW.

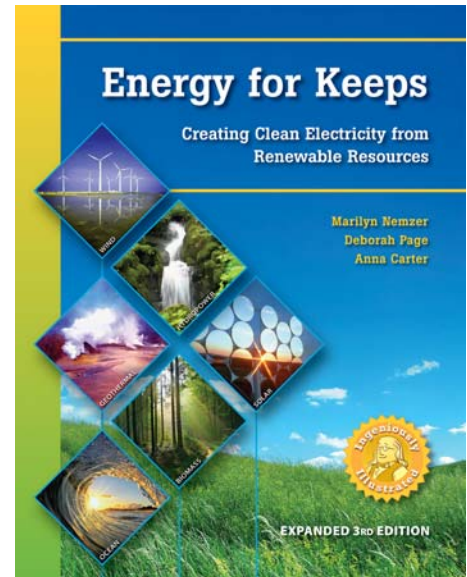
The report can be accessed via the website of the energy team at: www.islandsbanki.is/energy.

Award-Winning Energy for Keeps Introduces Expanded 3rd Edition

Energy for Keeps: Creating Clean Electricity from Renewable Resources is an illustrated guide for everyone who uses electricity. From students to energy policymakers, it helps readers of all ages understand the energy issues that now loom large in our daily news. With clear language and engaging illustrations, this book covers all renewable energy sources, the science of electricity generation, energy history, environmental considerations, and energy conservation and efficiency.

This not-too-technical book truly explains all the renewables in a comprehensive, impartial and even-handed manner. It includes biomass, geothermal, hydro, ocean, solar and wind. In its prior editions, *Energy for Keeps* won the 2004 Innovation Award by the Interstate Renewable Energy Council and the 2006 Green Power Leadership Award by the U.S. Environmental Protection Agency, the U.S. Department of Energy, and the Center for Resource Solutions.

Marilyn Nemzer, M.A., developer and editor of *Energy for Keeps*, has produced award-winning energy education projects and materials since 1990. She serves on several state and national advisory boards that focus on energy and the environment, is a trustee of the Marin County Board of Education and directs the Geothermal Education Office and the Energy Education Group. She is joined by lead write Deborah Page and technical editor Anna Carter. *Energy for Keeps* is available at www.energyforkeeps.org.



The Department of Energy Wants to Hear Your Stories

Energy Empowers (<http://www.eereblogs.energy.gov/energyempowers>) is all about your stories from the clean energy economy. This blog and multimedia site run out of DOE's Office of Energy Efficiency and Renewable Energy seeks to put a human face to the people, places, technologies and developments that will define our energy future – showing everyone that these advancements are real, growing and becoming part of our communities around the United States. We encourage everyone working in the energy space to visit and share their own success stories at <https://www1.eere.energy.gov/pnp/stories/stories.aspx>.

These stories can include DOE and ARRA projects, but we are also eager to see communities, private citizens and businesses taking the initiative in building America towards a clean energy future.



Employment

Added This Week

Vice President Geology, Western US

Vice President Geology needed for a geothermal energy technology company located in the Western US. This position will be responsible for developing, implementing, and directing exploration and development programs of the company's geothermal resources. The individual will ensure continual growth of economic reserves for the company.

Qualifications:

- Must have geothermal experience. A minimum of 15 years experience in exploration, well site analysis, drilling, reservoir evaluation or related fields is necessary.

- A background in organizing and managing effective resource exploration and development programs is required. Experience with greenfield projects is desired, as is a broad based perspective of the geothermal industry.

Please send resumes to Bstevens@stmassociates.com

Geothermal Openings, NREL, Boulder, CO

The National Renewable Energy Laboratory (NREL) currently has job openings in Boulder, CO for geothermal positions: Geothermal Analyst, Senior Geothermal Analyst, Energy Project Analyst, Laboratory Program Manager, and Senior Geothermal Systems Engineer.

"We need scientists, research technicians, engineers, analysts, managers and project leaders, administrators, communicators, along with people who work in information technology, security, facilities, and clerical/administrative support. As a member of the NREL team, you will be involved in a growing, dynamic national laboratory that is developing new energy technologies to benefit our environment and economy."

Go to http://www.nrel.gov/employment/job_openings.html and search "geothermal"

Employment Opportunities

Executive Assistant, Magma Energy, Vancouver, BC

Job Description

The Executive Assistant will provide administrative support as required by the various members of senior management of Magma Energy Corp and a related group of companies, in a professional and efficient manner.

Administrative Support to Senior Management

- Word processing (financial statements, excel spreadsheets, other documents)
- Preparation of expense reports
- Travel arrangements
- Travel arrangements for guests
- Assist with special projects
- Other assistance as required

Administrative Support to Investor Relations

- Assist with the dissemination of news releases, preparation of presentation material and investor kits, as required; strong skills in PowerPoint and Publisher or similar programs required
- Liaise with website host for major site changes; some in house website updating for minor changes
- IR support, as directed by the VP - Corporate Relations
- File maintenance

Administrative Support to Accounting

- Disseminate checks to vendors
- Filing
- IT administration (maintenance of control logs, rotation of backup tapes, liaise with IT providers)

Office Administration

- Some reception duties

For consideration please email resumes to:
Alison Thompson, VP Corporate Relations
athompson@magmaenergycorp.com

Drilling Manager, NV

Duties and Responsibilities:

- Prepare rig data sheets for design for drilling equipment and safety factors
 - Collect P&L reports from accounting and report status to VP of Drilling
 - Responsible for the day to day drilling operations within the drilling company
 - Set and manage cost control
 - Set and monitor operational budgets
 - Coordinate all rig and equipment movements
 - Review, approve and submit request for equipment and materials of producing the contractual output.
 - Lead and direct the Drilling Department to meet/or exceed the operational goals of quality, efficiency, productivity and cost controls
 - Manage the supplier relationships in order to leverage suppliers to guarantee best price of equipment and materials and manage the cash/risk exposure
 - Develop and implement new strategies for upgrade and improvement of the drilling rigs and drilling processes on a regular basis
 - Commence and review all initiatives requiring capital authorization
- Initiate and maintain health and safety procedures to ensure compliance to all local regulatory agencies
- Develop and manage maintenance program

Supervisory Responsibilities:

- Supervises Drilling Superintendent and all subordinate positions including Tool Pushers and their crews on all of Drilling Company's land rotary drill rigs

Qualifications:

- 15–20 years operational experience in the drilling industry or equivalent.
- Proven track record of successful achievement of operational excellence in a drilling organization
- Consistent success in the improvement of planning and scheduling of drilling activities
- Senior work planning and project prioritization skill sets
- Experience in the development and measurement of Key Performance Indicators
- Excellent motivational skills

Contact:

Andrew Matkovic / Vice President Clean Tech & Energy
(216) 539-7668 or andrewmatkovic@carmongroup.com

Geologist, Ormat Technologies, El Centro, CA

Position Summary

Employee will conduct geological evaluations of geothermal projects throughout the world. Assist Project Manager in preparing reports, drilling records, and daily costs. Conduct geothermal exploration programs utilizing geological, geochemical, and geophysical methods as directed by Project Manager. Aid with execution of contract exploration and drilling programs as defined by Project Manager. Help in planning, reporting, and documentation of activities.

Essential Functions

- Prepare geologic maps that incorporate geochemical/geophysical data.
- Prepare technical reports.
- Compile data sets and evaluate data.
- Coordinate contract drilling and exploration services.
- Prepare lithological and temperature logs,
- Oversee drilling operations under supervision of Project Manager.
- Research existing literature and prepare summaries for project evaluation.
- Prepare subsurface and structure geological maps under supervision of Project Manager.
- Learn drilling operations.

Other Responsibilities

- File reports.
- Maintain well and prospect files.
- Aid drilling staff.

Education, Experience and Skills Required

- Bachelor Degree in Geology/Engineering.
- Lithological mapping of boreholes.
- Field mapping experience.
- Proficiency in computer applications such as CAD and MS Office.

Physical Requirements

- Ability to navigate and work in remote field locations.
- Work outdoors in difficult weather conditions.
- Ability to lift 75 pounds.
- Travel approximately 60% of time.
- Drive in remote terrains using 4 wheel drive vehicles.

To apply click here: <https://home.eease.adp.com/recruit/?id=487718>

Staff Geologist, Ormat Technologies, Reno, NV**Position Summary**

Conduct geologic field evaluations of geothermal exploration projects and integrate with existing published data to assist in definition of new development projects. Assist Manager in preparation of geologic/geophysical reports and conduct independent mapping, sampling, drilling and geophysical programs as directed by Manager. Assist with execution of contract geophysical and drilling projects as defined by Manager. Assist in planning, reporting and documentation of geologic investigations.

Essential Functions

- Prepare geologic maps and presentations of geophysical/geochemical data
- Prepare technical reports under supervision of Project Manager
- Compile data sets and evaluate data quality using statistical and graphical methods
- Coordinate contract field crews performing geotechnical evaluations
- Prepare lithologic and temperature logs of boreholes
- Sample outcrops, soils, springs and wells for geochemical analysis
- Oversee gradient and slimhole drill site operations
- Perform structural interpretations and stress-field analysis of prospect areas
- Schedule and arrange environmental site clearance for drilling activities
- Research existing literature and prepare summaries for project evaluation
- Assist in acquisition of remote sensing imagery and integration into mapping and GIS data bases.

Other Responsibilities

- File reports and samples with regulatory agencies
- Maintain well files and other geotechnical files
- Assist drilling staff in location of access roads and well pads
- Maintain inventories on exploration materials and equipment

Education, Experience and Skills Required

- Masters Degree in Geology, preferred
- Field mapping experience with structural background
- Geophysical or geochemical training
- Proficiency in visual presentations using computer applications such as CAD, Rockworks, Surfer, as well as MS Office Applications

Physical Requirements

- Ability to navigate and work in remote field locations
- Work outdoors in difficult weather conditions
- Ability to lift 50 lbs periodically
- Travel approximately 40% of time

To apply click here: <https://home.eease.adp.com/recruit/?id=495811>

Geophysicist, Calpine, The Geysers, CA

Essential Duties and Responsibilities:

Continuously evaluate and update the state of seismicity in The Geysers. Report to management and staff on the progress of such evaluations. Interface with researchers at the national laboratories (e.g. Lawrence Berkeley National Laboratory), the U.S. Geological Survey and universities conducting investigations of Geysers seismicity and related phenomena (e.g. subsidence). Assist in the planning and execution of drilling programs and injection strategies. Assist in the evaluation of geothermal reservoir performance.

1. Evaluation of induced seismicity in The Geysers steam field. This will be an ongoing effort to constantly upgrade and update our understanding of the relationship between seismic activity and production/injection.
2. Report to staff and management on the progress of seismic evaluation.
3. Interface with researchers at the national laboratories, the USGS and universities conducting studies of induced seismicity in The Geysers. Facilitate the exchange of information useful in advancing knowledge of Geysers seismicity.
4. Work with Resource and Reservoir Engineering staff to evaluate injection strategies with respect to their potential effects on seismicity. Conduct and/or assist in the design of reservoir injection tests to evaluate effects on seismicity of various injection strategies.
5. Supervise the work of consultants in preparing periodic reports on Geysers Seismicity in fulfillment of stipulations in use permits and environmental documents.
6. Assist in the planning and execution of injection strategies.
7. Participate in the planning and execution of drilling programs for new wells, redrills of existing wells and workovers. Develop drilling targets and casing program recommendations.
8. Develop (with the assistance of Resource staff) a working knowledge steam field reservoir geology and geochemistry. Acquire proper field techniques of obtaining geochemical samples.
9. Assist in evaluating potential geothermal properties acquisitions.
10. Conduct or assist in geotechnical evaluations of potential landslides and mitigate risks to Calpine assets in the Geysers.

Qualifications:

1. Strong academic background in seismology, supported by a sound geological background, especially in structural geology and petrology.
2. Highly developed computer skills. Expertise with databases, spreadsheets, mapping programs, etc.
3. Ability to represent Calpine at community meetings in which steam field seismicity may be a major topic. Presentation skills, in particular, ability to convey technical concepts to "laymen" are a necessity.
4. Ability to clearly, effectively and concisely communicate, both orally and in writing, at all levels within the Corporation.

Education:

M.S. or PhD. degree in Geology/Geophysics required from an accredited academic institution that has an active Geology Department.

Experience:

Minimum of three to five years in the following experience is considered highly desirable:

1. Prior work experience with a resource based company, state or federal geological survey or national laboratory.
2. Participation in study or studies relating to induced seismicity.
3. Geological/geophysical field work, including installation/maintenance of seismic array, geologic mapping or geotechnical studies.

To apply online, see

https://www.hrapply.com/calpine/AppJobView.jsp?link=3645&page=AppJobList.jsp&skimSessionName=com.hrlogix.view.cont.app.JobListTable&skimName=requisition.requisition_id&skimNdx=4&op=reset.

Geothermal Operations Manager, CalEnergy Operating Corporation, Calipatria, CA

Purpose of Position:

The geothermal operations manager is accountable for the development and execution of the CalEnergy Operating Corporation (CEOC) Operations Business Plan. This individual develops the department's annual budget and is accountable for CEOC power generation revenues and operations sites. The geothermal operations manager develops and implements long range plans, provides leadership and direction to plant operating personnel and is responsible for the overall safe, environmentally clean and effective performance of power production facilities for CEOC. Responsibilities and duties are carried out in accordance with the company's policies and procedures, as well as all applicable governmental regulations and guidelines. Work is performed under the direction of the president of CalEnergy Generation U.S.

Direct Reports:

- Operations site managers
- Technical trainer
- Administrative specialist

Primary Job Duties and Responsibilities (Essential Job Functions):

- Adhere to, support and enforce all safety and environmental rules, policies and procedures, regulations and statutes.
- Develop both long and short term strategic operating direction and establish implementation plans to achieve targeted goals.
- Commit the sale of megawatts to established buyers to maximize company profit.
- Perform administrative activities necessary for the effective management of the department, including employee safety, selection and development of employees, salary administration, budget administration, employee counseling and motivation, organization goals and objectives and planning, organizing, integrating, measuring and reporting the work performed within the department.
- Maintain focus on critical plant parameters and programs.
- Make recommendations and decisions that support the company goals and business needs.
- Define, communicate, and acquire resources needed to most effectively operate the facilities.
- Define technical support needed.

Qualifications:

- Bachelor's of science degree in electrical, mechanical, chemical, industrial or petroleum engineering from an accredited university or equivalent training/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.)
- Six or more years of related experience in plant operations and maintenance with five or more years of experience at the managerial level is required.
- Knowledge of PC software applications including spreadsheet, word processing, and database.
- Effective verbal and written communication skills, including presentation skills.
- Effective analytical, problem solving and decision-making skills.
- Ability to prioritize and handle multiple tasks and projects concurrently.
- Ability to read and interpret written documents such as accounting reports, safety rules, policy manuals, and professional periodicals/journals. Ability to write routine reports, business correspondence and manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and employees at all levels.
- Ability to define obscure and incomplete problems, collect data, establish facts, and draw valid conclusions. Able to conceptualize and develop creative alternatives to problem resolution. Capability of interpreting an extensive variety of technical instructions in written, oral, diagram or schedule form. Ability to deal with abstract and concrete concepts.
- A valid California's driver license is required upon employment.

Contact Lori Rinkert, Sr Recruiter, MidAmerican Energy at 515-281-2707 or lsrinkert@midamerican.com

Renewable Energy Mechanical/Systems Engineer, Idaho International Laboratory, ID

Idaho National Laboratory is seeking a Renewable Energy Mechanical Systems Engineer. This position will involve the assessment of the overall design and operation of geothermal power plants, as well as individual processes and components within a plant. It will also support development of power system performance assessments and designs. The candidate must be able to apply and interpret standard theories, principles, methods, concepts, tools, and technologies associated with electrical power generation from renewable power sources. Work will include evaluation of the effects of innovative concepts and components on power generation costs. The candidate will make preliminary selections and adaptations of technical alternatives. The candidate will provide technical support to the DOE and Work for Others (WFO) customers, which will vary in nature, but will include planning, engineering design, data analysis and analytical support activities as well as monitoring of DOE field research projects. In addition to interfacing with customers, the candidate is expected to document, report and present results on work performed, contribute to program progress reports, participate in peer review work of others and manage individual cost and schedule performance metrics. The candidate will contribute to development of new capabilities within the division as well as contribute to scientific and technical products such as patents, software, journal papers, reports, proceedings, and policies. The candidate may also contribute to the development of intellectual property leading to patents, publications, and/or copyrights.

Qualifications

S&E Scientist/Engineer 2. A PhD in Mechanical Engineering with relevant experience in power generation is preferred. Applicants with a MS in Mechanical Engineering with two years of relevant post graduation experience in power generation or a related field will be considered. Applicants with Chemical Engineering degrees and documented experience in Geothermal Power Plant design and operations will be also considered, though a Mechanical Engineer degree is preferred. Ability to obtain and maintain and Department of Energy Q security clearance. Must be a United States citizen.

Job ID: #5414, Interested Candidates, please contact:

Vanessa Van Dyk at Idaho National Laboratory: Vanessa.VanDyk@inl.gov, 208-526-6325

OR apply on line at: www.inl.gov/careers

Project Manager

Summary: Responsible for implementation of all aspects of project development from project inception through turn-over to engineering for final design and construction and provide assistance after turn-over to engineering as needed. Will manage multi-disciplinary teams, focused on executing company developmental plans and achieving project goals.

Duties and Responsibilities:

- The PM's two fundamental responsibilities are preparing and maintaining project schedules and budgets. As necessary the PM draws on resources (Development, Senior Scientists, top management) to meet the master project schedule and budget as approved by top management.
- Responsible for oversight, facilitation and implementation of all aspects of project development from initial prospect evaluation to turn over to engineering for final design. Key project factors (schedule, budget) are set by top management. PM's role is to ensure that top management policy is met.
- Negotiates contracts and other agreements related to the sale and transmission of electricity.
- Assists in preparation of financial documents to raise funding necessary to fund project
- Manages Project Development team
- Manages Consultants through the selection process, task assignment, coordination of actions, and quality control.
- Oversee all project land/lease acquisition activities, including contract negotiations.
- Oversees selection of transmission line routes, locations and corresponding transmission agreements
- Provide support to geoscience, drilling, legal, finance, engineering and other departments as needed.

- Meets with government officials and public as necessary.

Supervisory Responsibilities:

- Oversee various project managers, engineers and consultants to facilitate the timely completion of geothermal projects. Direct staff will consist of 3-6 employees.

Qualifications:

- Bachelor's degree (B.A. /B.S.) in related field or equivalent preferred.
- Six or more years related experience.
- A broad understanding of permitting on federal lands, drilling, resource development, power plants and transmission systems.
- Ability to gather project information sufficient to create very detailed project development schedules and to build detailed project budgets and financial models to facilitate implementation of the schedules.

Contact: Andrew Matkovic / Vice President, The Carmon Group Inc.
andrewmatkovic@carmongroup.com or (216) 539-7668

Development Engineer

Summary: Responsible for taking the lead on negotiating the technical sections and provisions in all major project contracts and agreements including; Power Purchase Agreements, Transmission Service Agreements, Interconnection Agreements, EPC contracts and project financing agreements.

Duties and Responsibilities:

- Work closely with the VP of Project Development and Legal Department to develop and negotiate the technical provisions in all major project contracts and agreements including PPAs, TSAs, LGIAs, EPC contracts and project financing agreements.
- Negotiate the technical provisions of the major project contracts.
- Coordinate with Management to acquire the technical information required to negotiate all major contracts and agreements.
- Provide progress reports to upper management

Qualifications:

- Demonstrated strong negotiation skills
- Minimum 10-15 years of power plant engineering and construction experience, geothermal or other renewable energy experience desired.
- Minimum of 5 years experience negotiating major contracts for the development of power plant projects.
- Strong knowledge of power plant O&M requirements including scheduling & dispatching energy, metering, maintenance & outage planning.
- Strong knowledge of Nevada and California Utility requirements and concerns with negotiating with Independent Power Producers.
- Strong knowledge of ISO requirements (particularly Nevada and California)
- Strong knowledge of selling power and Renewable Energy Credits on the open market.
- Self starter, excellent problem solving skills, excellent people skills
- Proficient oral and written communication skills
- Proficient computer skills
- Bachelor degree in engineering or equivalent

Contact: Andrew Matkovic, Vice President, The Carmon Group Inc.
andrewmatkovic@carmongroup.com or (216) 539-7668

Project Manager Geothermal Exploration, Europe**Job Description**

We are a new geothermal energy company, focused on the exploration and development of geothermal power resources in Europe. In 2010, we will be expanding our investigations of several regions that may host economic

geothermal resources. Our principals are based in Canada and the US and have successfully developed oil & gas, mining and geothermal resources.

We require a project manager with field experience in geothermal exploration to coordinate in-country staff, consultants and contractors. This individual will have broad responsibility for project planning and management, budgets, liaising with government agencies, characterizing resources with appropriate exploration methods, and preparing detailed reports to describe a number of geothermal aquifers and their relative potential. We are now interviewing candidates for this assignment. This is a contract position based in Europe that will require in-country and international travel. The initial term of this contract will be one year with the potential of extension for a second year. We will provide an excellent compensation package to the right person including equity incentives. This is an attractive and rewarding opportunity for an entrepreneurial professional.

Responsibilities

- Design and manage the exploration programs
- Prepare and manage budgets
- Manage local staff, consultants and contractors
- Liaise with land owners and local and national governments
- Coordinate geological, geochemical and geophysical studies
- Develop geological and resource models
- Supervise exploratory drilling operations
- Prepare detailed assessments of target geothermal resources
- Prepare funding applications for development and technical assistance

Requirements

- Geology or Geophysics degree, professional certification
- Over 10 years experience in the exploration of geothermal resources
- Oil & gas or mining background will be considered
- Proven leadership and project management abilities
- Proven negotiation and communication skills
- Strong geological and geophysical interpretive skills
- Experience using computer software applicable to exploration
- A problem solver, "get it done" attitude

Location: Europe

Contact: droberts@penderfinancial.com



Requests for Proposals

Closing This Week

Efficiency and Renewables in Rural America, DOA (June 30)

The U.S. Department of Agriculture requests proposals for Renewable Energy Systems and Energy Efficiency Improvements, under the Rural Energy for America Program. This RFP will provide support to agricultural producers and rural small businesses to purchase and install renewable energy systems and make energy efficiency improvements. \$51.5 million expected to be available, up to 2,000 awards anticipated. Responses due 6/30/10. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=54175>. Refer to Sol# RDBCP-10-REAP-RES-EEI. (Grants.gov 4/30/10)

Department of Commerce Requests Comments on National Renewable Energy and Energy Efficiency Export Strategy (July 1)

In response to President Obama's National Export Initiative (NEI), the U.S. Government is creating a National Renewable Energy and Energy Efficiency Strategy to be published in September. The Strategy will provide a roadmap to facilitate the doubling of renewable energy and energy efficiency exports in the next five years to help

meet the goals of the NEI. To provide comments or feedback that could be useful for the development of the Strategy, please refer to the following Federal Register Notice: <http://edocket.access.gpo.gov/2010/2010-12982.htm>. Ideas and suggestions regarding existing government programs, new potential programs, and new collaborations are welcome to be emailed to newenergy@trade.gov. Please provide comments by July 1.

RFP Announcements

State Energy Program, U.S. DOE (May 18 — August 3)

The U.S. Department of Energy requests proposals for the State Energy Program (SEP). This formula grant program provides support to states and territories, for the design and implementation of energy efficiency and renewable energy priorities. Lead applicant must be the state or territorial energy office administering the annual SEP. \$25 million expected to be available, up to 56 awards anticipated. Due date range 5/18 – 8/3/10. For more info, contact Sheldon Funk at sheldon.funk@netl.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000308&agency=DOE>. Refer to Sol# DE-FOA-0000308. (Grants.gov 3/26/10)

Renewable Energy Certificates, Defense Logistics Agency (July 6)

The Defense Logistics Agency seeks 320,604,000 kWh of Renewable Energy Certificates, for ultimate transfer to the U.S. Air Force and various Federal Civilian customers. Responses due 7/6/10. For more info, contact Ashleigh Johnson at Ashleigh.Johnson@dla.mil or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=49cd8daa9c23d79414dcf707275279b7&tab=core&_cview=0. Refer to Sol# SP0660-10-R-0432. (FBO 5/28/10)

Energy Technologies to the Market, DOE (July 9)

The U.S. Department of Energy requests proposals for Innovation Ecosystem Development Initiative. This RFP will support projects that create or enhance an environment to accelerate the movement of innovative energy technologies to the market. \$2.1 million expected to be available, 2 awards anticipated. Response due 7/9/10. For more info, contact Mary Crow at crowml@oro.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000356&agency=DOE>. Refer to Sol# DE-FOA-0000356. (Grants.gov 5/21/10)

Department of Energy Announces \$20 Million to Boost Development of Innovative Geothermal Technologies (July 9)

From DOE – U.S. Department of Energy today announced up to \$20 million for research, development, and demonstration of cutting-edge geothermal technologies that could reduce U.S. demand for fossil fuels and significantly cut greenhouse gas emissions. DOE's objective through this funding opportunity is to demonstrate the technical and economic feasibility of non-conventional geothermal energy technologies in research areas including low-temperature fluids, geothermal fluids recovered from oil and gas wells, and highly pressurized geothermal fluids. Through this research, the Department hopes to provide clean, low-cost renewable energy by proving and commercializing technologies that might otherwise remain out of reach.

Funding will be available in the following topic areas:

- A. Low-temperature geothermal fluids at temperatures up to 300° Fahrenheit (F) or approximately 150° Celsius (C)
- B. Geothermal fluids produced from productive, unproductive, or marginal oil and gas wells, mining operations or other hydrocarbon or mineral extraction processes.
- C. Highly pressurized or "geopressured" fluid resources that show potential for cost-effective recovery of heat, kinetic energy, and gas.

Potential project proposals might include innovative cooling systems – for example, air-cooled, water-cooled, or hybrid systems – or use innovative working fluids. Other concepts might utilize more efficient heat exchanging materials or maximize of energy output through a combination of electricity generation and direct-heat technologies.

Prospective applicants for this Funding Opportunity Announcement are encouraged begin developing partnerships, formulating ideas, and gathering data for potential applications. The expected close date of this announcement is July 9, 2010.

The complete Funding Opportunity Announcement can be viewed on FedConnect:

www.fedconnect.net/FedConnect/PublicPages/PublicSearch/Public_Opportunities.aspx

DOE's Geothermal Technologies Program works in partnership with U.S. industry to establish geothermal energy as an economically competitive contributor to the U.S. energy supply.

For more information on these awards, please visit:

http://www1.eere.energy.gov/geothermal/low_temperature_resources.html

Midsized Turbine Development Projects, DOE (July 14)

The U.S. Department of Energy requests proposals for Midsized Turbine Development Projects. Through this RFP, DOE seeks to accelerate the development and availability of midsized turbines for the U.S. market with the ultimate goal of commercial deployment. Specifically, DOE seeks innovative advances in midsized turbine technology development; value engineered midsized turbines with a competitive price; and increased job creation by the utilization of U.S. manufacturers and supply chain vendors. \$6.028 million expected to be available, up to 4 awards anticipated. Responses due 7/14/10. For more info, contact Pamela Brodie at pamela.brodie@go.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000327&agency=DOE>. Refer to Sol# DE-FOA-0000327. (Grants.gov 5/25/10)

Manufacturing Innovations, DOC (July 15)

The U.S. Department of Commerce, National Institute of Standards and Technology (NIST), requests proposals for the Technology Innovation Program, in the area of "Manufacturing." Through this RFP, NIST seeks to create significant improvements in new and existing products and in their manufacture by accelerating the utilization of materials advances and overcoming critical manufacturing process bottlenecks to improve the competitiveness of U.S. manufacturers in the global marketplace. \$25 million expected to be available, up to 25 awards anticipated. Responses due 7/15/10. For more info, contact Deborah Dubeau at deborah.dubeau@nist.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=53791>. Refer to Sol# TIP-2010-B01. (Grants.gov 4/15/10)

Agricultural and Rural Energy Audits and Renewable Energy, DOA (July 26)

The U.S. Department of Agriculture requests proposals for Energy Audits and Renewable Energy Development Assistance Grants. The purpose of this RFP is to help agricultural producers and rural small businesses reduce energy costs and consumption and help meet the nation's critical energy needs. This RFP will provide support to agricultural producers and rural small businesses for energy audits and renewable energy development assistance. \$2.4 million expected to be available, up to 30 awards anticipated. Responses due 7/26/10. For more info, including Regional contacts, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=54851>. Refer to Sol# RDCP-10-REAP-AUDITS. (Grants.gov 5/27/10)

Climate Adaptation and Disaster Resilience – Indonesia (July 26)

The U.S. Agency for International Development, Mission in Indonesia, requests proposals for Climate Adaptation and Disaster Resilience (CADRE). Indonesia is particularly vulnerable to climate change and disasters. CADRE supports projects that address climate change and disasters by efficiently, effectively and sustainably addressing the needs for disaster risk reduction and climate change adaptation together, among vulnerable populations in Indonesia. Multiple awards ranging from \$500K to \$1.5 million anticipated. Concept Papers are due 1/25/10 and 7/26/10. For more info, contact Johanna Gardjito at aps10-005@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=50515>. Refer to Sol# APS10-005. (Grants.gov 12/7/09)

Greenhouse Gas Mitigation, Indonesia (September 15)

The U.S. Agency for International Development Mission in Indonesia requests applications for the Greenhouse Gas Mitigation Program. This RFP will support projects to reduce greenhouse gas emissions in both the land

use/forestry sector and the energy sector. \$1.5 million expected to be available, up to 2 awards anticipated. Responses due 3/30/10 and 9/15/10. For more info, contact Dominicus Soenarno at aps10-011@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=51783>. Refer to Sol# APS-INDONESIA-10-011. (Grants.gov 2/12/10)

Black Carbon, Climate and Air Quality (September 22)

The U.S. Environmental Protection Agency requests proposals for Black Carbon's Role in Global to Local Scale Climate and Air Quality. This RFP will support areas including but not limited to: Emission source research, the global to local scale emissions inventory, and co-pollutants. This RFP will also support opportunities for early career projects. \$7 million expected to be available, up to 9 awards anticipated. Responses due 9/22/10. For more info, contact Bryan Bloomer at bloomer.bryan@epa.gov or go to: http://www.epa.gov/ncer/rfa/2010/2010_star_blackcarbon.html. Refer to Sol# EPA-G2010-STAR-L1 and EPA-G2010-STAR-L2. (Grants.gov 5/19/10)

U.S. DOE Office of Science (September 30)

The U.S. Department of Energy, Office of Science, announces its continuing interest in receiving grant proposals in areas including, but not limited to: Basic Energy Sciences, Biological and Environmental Research, and Advanced Scientific Computing. Proposals accepted through 9/30/10. For more info, including program-specific contacts, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000179&agency=DOE>. Refer to Sol# DE-FOA-0000179. (Grants.gov 12/4/09)

Power, Controls and Adaptive Networks, NSF (October 7)

The National Science Foundation requests proposals for Power, Controls and Adaptive Networks. This program supports distributed control of multi-agent systems with embedded computation for sensor and adaptive networks. This program emphasizes electric power networks and grids, including generation, transmission and integration of renewable, sustainable and distributed energy systems, such as fuel cells and micro-turbines in large power networks; high power electronics and drives; and understanding of associated regulatory and economic structures. The program also emphasizes energy scavenging and alternative energy technologies, including solar cells, ocean waves, wind, geothermal, low-head hydro, and the hydrogen economy. In addition, the program supports generation and integration in the National Grid (InterGrid), and interdependencies of critical infrastructure in power and communications. Responses due 10/7/10. For more info, contact Radhakishan Baheti at rbaheti@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13380. Refer to Sol# PD-10-1518. (Grants.gov 2/17/1)



Events

Added This Week

Fifth Renewable Energy Fair, Chena Hot Springs, Alaska (August 15)

www.chenahotsprings.com or www.chenapower.com

Australian Geothermal Energy Conference, SA, Australia (November 16–19)

Australian Geothermal Energy Association
<http://www.ausgeothermal.com/>

Sponsorship Opportunities for GEA Geothermal Energy Workshop, Las Vegas, NV (July 22)

Gold Sponsor - \$5,000 (Limit 5)

Benefits:

- Premiere recognition as event sponsors on:
- Press Releases
- GEA website

- GEA newsletter
- Throughout event itself
 - Posters
 - Podium
 - Media coverage
 - 5 complimentary admissions for the workshop
 - 15 minute speaking opportunity at workshop

Morning Coffee Sponsor - \$1,500 (Exclusive)**Benefits:**

- Recognition as Morning Coffee sponsor on banquet table
- Recognition on GEA Website and at workshop

Lunch Sponsor - \$3,000 (Exclusive)**Benefits:**

- Recognition as Lunch sponsor on banquet table
- Recognition on GEA Website and at workshop

Afternoon Coffee Sponsor - \$1,500 (Exclusive)**Benefits:**

- Recognition as Afternoon Coffee sponsor on banquet table
- Recognition on GEA Website and at workshop

Workshop Folder Sponsor - \$1,500 (Exclusive)**Benefits:**

- Recognition on folder as sponsor
- Workshop folder will contain all correspondence and program material, as well as a pad to write on
- Recognition on GEA website and at workshop

Workshop Flash Drive Sponsor - \$1,500 (Exclusive)

SOLD: Enel Green Power/Enel North America

Benefits:

- Name and logo on workshop presentation memory stick
- Recognition on GEA website and at workshop

Workshop Lanyard Sponsor - \$1,000 (Exclusive)

SOLD: Ram Power Corporation

Benefits:

- Name on forum lanyard and logo on name badge
- Recognition on GEA website and at workshop

GEA Events

GEA Geothermal Energy Workshop, Las Vegas, NV (July 22)

GEA will be holding a one-day "Geothermal Energy and Utilities Forum" in Las Vegas, NV on Thursday, July 22nd at Bally's. The program seeks to address issues related to geothermal examined from a utility perspective. Participants will hear the most recent updates available on the U.S. geothermal market, accompanied by expert presentations on approaches to utility scale projects in the U.S., federal and state support for utilities and renewables, reducing costs through time reduction, risk assessment, technology options, oil gas and co-production, small power, transmission issues, and more.

You'll find out information and perspectives on project development, technology, finance, community and environmental issues. Come join the collaboration between leading geothermal experts from around the nation to collectively increase geothermal energy's production output.

To register: <http://www.gifttool.com/registrar/ShowEventDetails?ID=1872&EID=7126>

To view the preliminary draft agenda: <http://www.geo-energy.org/workshops/UtilityWSPreliminaryAgenda5.13.2010.pdf>

If you are interested in sponsoring the Geothermal Energy and Utilities Forum: <http://www.geo-energy.org/workshops/LasVegas2010Sponsorships.pdf>

With any questions, please feel free to email Kathy Kent at kathy@geo-energy.org.

For media credentials, please contact Garret Drexler at 646-695-7042 or garret@rosengrouppr.com.

GEA Geothermal Energy Expo and GRC Annual Meeting, Sacramento, CA (October 24-27)

Exhibitor Registration is open. Booth spaces are more than 75% sold out, please book soon!! Register at <http://www.geothermalenergy2010.com/>.

Every year, the Geothermal Energy Expo® hosts the world's largest gathering of vendors providing support for geothermal resource exploration, characterization, development, production and management. It provides a unique opportunity for exhibitors to showcase their projects, equipment, services and state of the art technology to the geothermal community. The Expo is held in conjunction with the GRC Annual Meeting, www.geothermal.org.

Last year's count was 2300 participants and planning shows this year's numbers will top it. This year the Expo will be held in Sacramento, CA at the Sacramento Convention Center Complex, a component of the City of Sacramento Convention, Culture and Leisure Department.

Exhibitor Benefits include:

- * 50-word company listing in the official event guide
- * Exhibit Booths are 10' x 10' and has an 8' high back drape and 3' high side drapes
- * A 7" x 4" identification sign with the Exhibitor's name and space number
- * Each booth will also include a table, two chairs and a wastebasket.
- * Enhanced Exhibitor Listing on event website, www.geothermalenergy2010.com
- * For every 100 sq ft exhibitors receive 3 booth staff passes
- * Complimentary Expo Hall passes to distribute to your clients and customers

To view the floor plan for the 2010 Expo, please go to: http://www.geothermalenergy2010.com/floor_plan.asp

To register as an Exhibitor, please go to: <http://www.geothermalenergy2010.com/registration.asp>

To view the Exhibitors contract for 2010, please go to: <http://www.geothermalenergy2010.com/contract.asp>

More information including sponsorship opportunities, room block, and special events coming soon. We are looking forward to another great Expo! Please do not hesitate to let us know if you have any questions.

Contact: Kathy@geo-energy.org

Why Should You Attend GEA Events?

As the national trade association for the geothermal industry, the Geothermal Energy Association (GEA) strives to create and deliver educational events involving the full range of the geothermal industry, reflecting the dynamic growth of the geothermal market, and communicating the benefits of geothermal energy to all. GEA events offer important opportunities to learn and network within the geothermal community, and to inform and educate companies and organizations outside today's industry that are interested in learning more about geothermal energy. The revenue generated from GEA events is used to advance the goal of the GEA, "to expand the production and use of geothermal energy in the United States and around the world." The revenue supports GEA's workshops and events, communications activities, outreach efforts, policy related activities and analysis, internet publications, and other initiatives designed to help achieve this goal. ONLY GEA puts your dollars to work in all of these ways to advance the future of the geothermal energy industry. And, GEA does not sell your email or postal address to junk mailers or spammers.

To keep track of new events and changes to this calendar go to: www.geo-energy.org.

Other Events

CanGEA's Third Annual Conference & Trade Show, CanGEA, Vancouver, BC, (August 8–10)

Canadian Geothermal Energy Association

<http://www.cangea.ca/>

Geothermal Investment Forum and Networking Event, CanGEA, Toronto, ON, (September 14)

Canadian Geothermal Energy Association

<http://www.cangea.ca/>

XVII Congress of the Mexican Geothermal Association, Morelia, Mich., Mexico (October 8)

Mexican Geothermal Association (AGM: Asociación Geotérmica Mexicana)

<http://www.geotermia.org.mx>

Geothermal Investment Forum and Networking Event, CanGEA, Calgary, AB (December 3)

Canadian Geothermal Energy Association

<http://www.cangea.ca/>

Geothermal Energy Utilization Associated with Oil and Gas Development, SMU Geothermal Laboratory, Dallas, TX (June 13–15, 2011)

GEOHERMAL ENERGY WEEKLY

A newsletter for the geothermal industry written by Leslie Blodgett and Karl Gawell

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