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



National News

Climate Bill Unlikely This Year, Energy Still Possible But in Lamé Duck Says Senate Leader

Senator Harry Reid (D-NV), the Senate Majority Leader, has indicated that congressional action on climate legislation is off until next year, but there might be a change for energy legislation -- including possibly a national renewable energy standard and energy tax incentive extensions -- in a lame duck session. Senator Reid has said he is committed to a lame duck session after the elections, and while climate legislation appears off that agenda, energy legislation is widely reported to be on the "clean up" list for this Congress. "We're going to continue to work on this," Senator Reid said to reporters.

Congress returns to session next week and has a target adjournment date of October 8. The Senate also returns to session next week, but has not set an adjournment date, although most believe it will be difficult to remain in session much past the first week in October due to the pressure of the upcoming elections. This means that Congress has about 3-4 weeks to complete all business necessary before it adjourns, and all remaining issues will be left to either a lame duck session after the November elections or to January when the next Congress convenes.

Reid Hosts Jobs-Focused National Clean Energy Summit 3.0 in Las Vegas

The National Clean Energy Summit 3.0, "Investing in American Jobs," organized by Senate Majority Leader Harry Reid and held September 7 in Las Vegas brought together 30 policymakers, environmental advocates, energy executives and private investors to discuss strategies and solutions for developing renewable energy and creating green jobs in Nevada. The summit also noted progress and success stories in the sector.

Reid led a morning discussion on connecting financing with ideas and encouraged private and public sectors to work together in areas such as permitting processes and the increased demand for green power. "We need to improve incentives for clean-energy investments and give businesses more certainty," Reid said. Panels focused on increasing the demand for renewables and linking capital to these projects.

One area of recent progress noted at the summit was that more jobs are now able to be hired locally, such as manufacturing and drilling jobs. One reason for this is a program to train workers now available through Western Nevada College.

"We have to ensure we hire Nevada contractors and businesses who in turn hire Nevada workers," said Danny Thompson, executive secretary and treasurer of the Nevada chapter of the AFL-CIO. The AFL-CIO is looking at current bidding laws and bidders' preference regulations in an effort to help Nevada companies benefit from construction of renewables and to ensure manufacturing jobs pay well and have good benefits.

Reid has said that he plans to hold a fourth summit next year.

See <http://www.lvrj.com/business/clean-energy-summit-engages-multiple-topics-102382834.html?ref=834> and <http://www.cleanenergysummit.org/>.

Treasury Grants Increase Investments on Renewable Energy Projects

An AP article on funding renewable energy projects discusses how treasury grants from the 2009 federal stimulus bill have helped developing geothermal projects that otherwise would not have acquired the needed upfront cash. Senators Maria Cantwell (D-Wash) and George LeMieux (R-Fla) are pushing to extend the program two years.

Government previously offered tax credits to encourage investment in renewables, but since grants were offered, recipients have seen increased investment from banks that were leery of risk after financial markets collapsed in 2008. The grant program expires this year and it isn't clear whether it will be extended. "It doesn't appear to most people that any significant legislation is going to be able to pass, in the Senate, in particular," GEA executive director Karl Gawell told press.

See <http://abcnews.go.com/Business/wireStory?id=11504058>.



Company News

Gradient Resources: Company Gets New Name, New Headquarters

Gradient Resources, formerly based in Bend, Oregon and known as Vulcan Energy, held its opening reception last week at a new corporate office in Reno, Nevada.

Reno's reputation as a geothermal industry hub grows with the addition of the new company headquarters. Additional companies with operations in the area include Ormat Technologies, Magma Energy, Sierra Geothermal Power, and Ram Power Corp. "We came from a place where we were the only company of our kind in the area," CEO Craig Mataczynski said. "Here, there's a nice pod of geothermal businesses ... and that type of environment makes it conducive to attracting talent and supporting the general business needs of (Gradient)."

Senator Harry Reid spoke at the celebration. "Gradient Resources has been a great American company for almost 20 years," he said. "Now it's a great Nevada company. This is really an exciting time in Nevada for renewable energy."

Gradient has six geothermal projects under development in Nevada. A 60-MW development is expected to be on line early next year. Most of the hiring will be done locally, Mataczynski said.

See <http://www.rgj.com/article/20100827/BIZ/100827031/Geothermal-company-unveils-new-corporate-headquarters-today-in-Reno>.

Mustang Geothermal Corp.: Geothermal Leases Purchased

Press Release, Reno Nevada - August 31 - Mustang Geothermal Corp. (the "Company" or "Mustang") (OTCBB:URXE) reports that it has completed the purchase of three geothermal leases totaling 9800 acres located in the State of Nevada from Minera Inc. and Minera Cerro El Diablo of Reno, Nevada and Dakota Resource Holdings LLC of Spearfish, South Dakota.

The Geothermal Lease Purchase Agreements provide for the Company to pay a total of 14 million shares of the Company's common stock per agreements signed August 26, 2010.

As a part of an on-going reorganization of the Company's business activity, the decision to diversify into the geothermal energy field is aligned with the Company's long-term strategy to add shareholder value.

See http://www.marketwatch.com/story/mustang-geothermal-corp-completes-purchase-of-geothermal-leases-2010-08-31-94120?reflink=MW_news_stmp.

Nevada Geothermal Power: Private Placement Funds Total C\$10,000,000

Press Release, September 2 — Nevada Geothermal Power Inc. (NGP) (TSX.V: NGP, OTCBB: NGLPF), today announced that it will proceed with a non-brokered private placement for up to 20,000,000 units at a price of C\$0.50 per unit to raise gross proceeds of up to C\$10,000,000.

Each Unit will consist of one common share (a "Share") and one transferable share purchase warrant (a "Warrant"), with one Warrant entitling the holder to purchase one additional common share (a "Warrant Share") of the Company at a purchase price of \$0.70 per Warrant Share (the "Offering").

In the event that the closing price of the Company's common shares on the TSX Venture Exchange (the "Exchange") is \$1.00 or greater per share for a period of 20 consecutive trading days, the Company may accelerate the expiry date of the Warrants and in such case the Warrants must be exercised within 30 days.

NGP has engaged KBH Capital Corp. (the "Finder") to assist with the Offering. NGP will pay the Finder a cash finders fee equal to 5% of the gross proceeds raised from subscriptions in the Offering from persons introduced to the Company by the Finder; and issue to the Finder that number of unit purchase warrants (the "Finder's Warrants") that are equal to 5% of the number of Units sold to investors introduced to the Company.

The net proceeds of the offering will be used to fund further development at the Blue Mountain Faulkner 1 geothermal power plant, development of other existing projects and for working capital.

The Offering is subject to the acceptance of the TSX Venture Exchange and all securities to be issued in connection with the Offering shall be subject to a four month hold period.

See <http://www.nevadageothermal.com/s/News.asp>.

Ormat Technologies: CEO to Present at Imperial Capital Global Opportunities Conference

Press Release, Reno Nevada, September 7 — Ormat Technologies, Inc. (NYSE: ORA) today announced that it will be participating in the Imperial Capital Global Opportunities Conference on September 15, 2010 in New York.

Dita Bronicki, Chief Executive Officer will provide an overview of the business and financial highlights at 10:20 am. The event will be available via live, listen only webcast. To access the live event, visit the Company's website at www.ormat.com and click on 'IR Events and Presentation' under the Investor Relations heading. The presentation will be archived for up to 30 days following the conference.

See <http://investor.ormat.com/phoenix.zhtml?c=181999&p=irol-news&nyo=0>.

Rocky Mountain Power: 800 MW of Promising Geothermal Resources Identified

Rocky Mountain Power has identified about 800 MW spread across eight locations of potential geothermal energy output in its service territory, according to an article in *Electric Utility Week*. Of the eight promising locations, two are in California, one in Idaho, one in Oregon, and four in Utah. All are located within 100 miles of Rocky Mountain Power lines.

The most promising location was the 80-MW Roosevelt Hot Springs project in southern Utah. Transmission is already in place, and the company owns the 30-MW Blundell geothermal plant at the site. The study was performed by Black & Veatch and GeothermEx.

Sierra Geothermal Power and Ram Power: Shareholders Approve Plan of Arrangement

Press Release, Vancouver BC, September 1 -- Sierra Geothermal Power Corp. ("Sierra") and Ram Power, Corp. are pleased to announce that the shareholders of Sierra have approved the proposed plan of arrangement between Sierra and Ram Power under the Business Corporations Act (British Columbia) (the "Arrangement"). At Sierra's meeting, the Arrangement was approved by 99.42% of the common shareholders of Sierra that were present in person or by proxy.

Pursuant to the Arrangement, Ram Power will acquire all of the issued and outstanding shares of Sierra and current holders of Sierra options, warrants and unit warrants will be entitled to receive Ram Power shares upon the exercise of such securities in accordance with their terms and upon the terms of the arrangement agreement dated July 7, 2010, as amended by an amendment dated July 28, 2010. Upon completion of the Arrangement, Sierra will become a wholly owned subsidiary of Ram Power and Ram Power will continue to be engaged in the business of acquiring, exploring, developing and operating geothermal properties through its subsidiaries.

The Arrangement requires approval by the Supreme Court of British Columbia. The hearing in respect of the final order to approve the Arrangement (the "Final Order") is currently anticipated to take place on September 1, 2010 at 10:00 a.m. (Vancouver Time). No hearing is scheduled. If the Final Order is obtained on September 1, 2010, and all other conditions to completion of the Arrangement are satisfied or waived, it is expected that the Arrangement will be completed September 2, 2010.

For further details regarding the Arrangement, please refer to the management information circular dated July 28, 2010, a copy of which is available under the corporate profile of Sierra on the System for Electronic Document Analysis and Retrieval at www.sedar.com.

See <http://www.marketwire.com/press-release/Shareholders-Approve-Plan-Arrangement-Between-Sierra-Geothermal-Power-Corp-Ram-Power-TSX-VENTURE-SRA-1312635.htm>.

U.S. Geothermal: San Emidio Financing and Construction Contracted, Partner Announced for Neal Hot Springs

U.S. Geothermal Closes San Emidio Financing and Construction Agreements:

Press Release, Boise Idaho, August 30 -- U.S. Geothermal Inc., a leading renewable energy company focused on the development, production and sale of electricity from geothermal energy, announced today that its wholly owned subsidiary, USG Nevada LLC, has entered into agreements with Science Applications International Corporation ("SAIC"), a FORTUNE 500(R) scientific, engineering, and technology applications company, for a project loan and an engineering, procurement and construction contract for a geothermal power plant for Phase 1 of the San Emidio project in northwest Nevada. The work will be executed by SAIC's design-build subsidiary, The Benham Companies, LLC.

The San Emidio project is a planned two-stage development. Phase 1 consists of relocation and replacement of the existing power plant. The new 11.5 megawatt ("MW") plant will have a net electrical output of between 9.1 and 8.1 MWs depending on seasonal and other variations. Phase 2 is a planned 26 MW expansion. SAIC is providing design-build services for the Phase 1 geothermal power plant, teamed with technology provider TAS Energy Inc ("TAS") who worked in close collaboration with US Geothermal on the plant design. TAS will manufacture and test the modular plant in their Houston, Texas factory. SAIC is also providing a project loan for the Phase 1 total construction costs currently estimated to be approximately \$27.0 million. To secure a long term project loan to repay the construction loan, U.S. Geothermal is engaged in financing discussions in preparation for the project's application to the DOE geothermal loan guarantee program. In support of the two-stage development plan, negotiations are continuing on a 35 MW power purchase agreement ("PPA"). The project is currently producing and selling up to 3 MW of electricity under a PPA with Sierra Pacific Power Company, a subsidiary of NV Energy. For more, see http://www.marketwatch.com/story/us-geothermal-closes-san-emidio-financing-and-construction-agreements-2010-08-30-83400?reflink=MW_news_stmp.

U.S. Geothermal Announces Strategic Investment by Enbridge In Neal Hot Springs:

Press Release, Boise, Idaho – September 8 — U.S. Geothermal Inc., a leading renewable energy company focused on the development, production and sale of electricity from geothermal energy, announced today that it has entered into a strategic and financial partnership with Enbridge (U.S.) Inc. (“Enbridge”), a subsidiary of Enbridge Inc, a NYSE and TSX-listed company with a market capitalization of \$18.75 billion. The partnership involves Enbridge investing up to US\$23.8 million in the 35 megawatt (“MW”) Neal Hot Springs geothermal project in eastern Oregon.

Enbridge transports and distributes energy across North America, and operates the world's longest crude oil and liquids transportation system. The company, which is headquartered in Calgary, Alberta, has expanding interests in green energy technologies, including wind and solar energy, hybrid fuel cells and waste heat recovery projects.

The Enbridge equity investment in the Neal Hot Springs project will fully fund the remaining equity share of the construction costs, with the balance of the construction costs being funded by the previously announced U.S. Department of Energy (“DOE”) conditional commitment for a project loan. Subject to adjustment, Enbridge will acquire 20% direct ownership interest in the project and will receive 24% of the Investment Tax Credit cash grant. U.S. Geothermal has now already invested approximately \$13.0 million in USG Oregon LLC, its subsidiary that owns the project. A total of up to \$36.8 million in equity, together with up to \$102.2 million of project debt provided under the loan guarantee program from the DOE, is now invested in or available for completion of the \$124.3 million project.

For more, see <http://www.usgeothermal.com/index.aspx>.



Renewable Energy and Climate Change

Geothermal Potential Great, Emphasizes Earth Policy Institute President

"The heat in the upper six miles of the earth's crust contains 50,000 times as much energy as found in all the world's oil and gas reserves combined," Lester R. Brown, President of the Earth Policy Institute says in an article called "Geothermal: Getting Energy from the Earth." "Despite this abundance, only 10,700 megawatts of geothermal electricity generating capacity have been harnessed worldwide."

Brown's article discusses existing geothermal generating capacity worldwide, led by the U.S., the Philippines, Mexico, Italy, and Japan. He uses the Massachusetts Institute of Technology geothermal report from 2006 to touch on future generating potential. "To fully realize this potential for the U.S., the MIT team estimated that the government would need to invest 1 billion dollars in geothermal research and development in the years immediately ahead, roughly the cost of one coal-fired power plant," he says,

Brown's article mentions regional developments in Indonesia, Africa's Great Rift countries, Japan, and Germany. The article also touches on ground source heat pumps and direct use developments.

See <http://ipsnews.net/news.asp?idnews=52675>.



State News

Nevada: DOE Issues Loan Guarantee for Blue Mountain Project

The Department of Energy's Financial Institution Partnership Program is issuing a \$98.5 million loan guarantee to support the 49.5-MW Blue Mountain geothermal project in Humboldt County. The project has a 20-year power purchase agreement for electricity and renewable energy credits with the Nevada Power Company.

Secretary Chu said: "Our support for the Blue Mountain project is part of the Administration's commitment to reducing carbon emissions while creating clean energy jobs." He said, "Thanks to the leadership of Senator Reid and others in the Nevada delegation, Nevada continues to be a leader when it comes to generating clean, renewable sources of energy."

Nevada Senator Harry Reid said: "As I led passage of the stimulus bill, I worked to include the loan guarantee program to help finance clean energy projects like Blue Mountain geothermal that will put Nevadans back to work and bring us closer to energy independence." He said, "Secretary Chu has been to Nevada many times and I thank him for recognizing the Silver State as a leader in developing these clean energy resources."

Visit <http://www.lgprogram.energy.gov>.

See <http://www.environmental-expert.com/resultEachPressRelease.aspx?cid=29287&codi=193142>.



International News

Geothermal Week Planned for Reykjavik

The International Partnership for Geothermal Technologies (IPGT) and the International Energy Agency's Geothermal Implementing Agreement (IEA-GIA) are among the organizations holding meetings and events in Reykjavik, Iceland, October 2–9 in a week of geothermal activities that are expected to lead upcoming international geothermal agendas. Meetings and presentations as well as a geothermal workshop on induced seismicity are among the events that are planned. Some of these are open to the public.

The International Partnership for Geothermal Technologies (IPGT) will welcome Switzerland into the Partnership in a signing ceremony with Deputy Director of the Swiss Federal Office of Energy Pascal Previdoli on October 6. The U.S. is a member of the IPGT, and a high-level DOE official is expected to represent the U.S. in welcoming Switzerland and will remark on U.S. support for collaboration on geothermal research and development. The IPGT Swiss Signing will additionally support the U.S.-Switzerland Scientific and Technological Cooperation Agreement, which was signed April 1, 2009. The IPGT Steering Committee will hold additional meetings and presentations by IPGT working groups. The IPGT chairmanship just rotated from the U.S. to Iceland, and both DOE and Karl Gawell of GEA serve on the steering committee. Karl Gawell will not be attending the programs in Iceland in person, however.

A workshop on induced seismicity will be held on Monday, October 4. The workshop, organized by DOE, includes members of GEISER, the European induced seismicity consortium, IPGT, and IEA-GIA. The workshop will identify and encourage collaboration on addressing issues common to nations regarding induced seismicity that are preventing successful implementation of Enhanced Geothermal Systems. U.S. experts from national labs, academia and the private sector will participate in technical sessions in five parallel tracks: seismic, mechanical, risk and hazard assessment, mitigation, and policy. Focused questions and objectives are proposed for each working group and will give DOE representatives an opportunity to discuss approaches and strategies with policy makers from Europe and Australia.

U.S. DOE leadership will discuss emerging energy policy in the U.S. and the EU. "Developing appropriate policies, monitoring systems and mitigating hazards are vital to the success of Enhanced Geothermal Systems," said a DOE representative. "With relatively few data sets and experts in this field worldwide, international collaborations are necessary. By partnering with researchers, policy makers and scientists in other countries, the U.S. can reduce duplication of efforts, share data, and receive feedback."

The IEA-GIA will hold two days of steering committee meetings on October 7-9. The U.S. will participate and present a country update. A representative from DOE as well as Lucien Bronicki of Ormat Technologies are U.S. steering committee representatives.

Other activities including the 6th meeting on geothermal energy of the European Energy Geothermal Alliance, part of the European Energy Research Alliance.

International Partnership for Geothermal Technologies: <http://internationalgeothermal.org>

International Energy Agency's Geothermal Implementing Agreement: <http://www.iea-gia.org/>

U.S. DOE Geothermal Technologies Program: <http://www1.eere.energy.gov/geothermal/>

European Energy Research Alliance: <http://www.eera-set.eu/home>

Chile: Hot Rock Awarded Three Geothermal Concessions

The Ministry of Mining has awarded three volcanic geothermal concessions to Hot Rock Limited, based in Australia. Luis Urzua, in charge of geothermal energy in Chile, estimates 5000 MW of electricity could be generated from geothermal energy in the region. Chile energy minister Ricardo Raineri recently announced over 170 concessions would be granted to geothermal developers through 2012.

See

http://www.powergenworldwide.com/index/display/articledisplay/3378095239/articles/powergenworldwide/renewables/geothermal/2010/08/chile-should_capitalize.html.

France: Loans, Subsidies Provided for Green Technologies

France's Environment and Energy Management Agency (ADEME) will distribute €1.35 billion (\$1.71 billion) loans and subsidies over the next four years to emerging technology research in areas such as geothermal and other renewable technologies, carbon capture and storage, and green chemistry.

The loans and subsidies will be provided for research demonstration, pre-commercialization and technological testing stages. By the end of 2010, ADEME will distribute €190 million. Another €290 will follow each year through 2014. The government expects €2 billion in private investments well also be contributed.

See <http://www.reuters.com/article/idUS248900516020100831>.

India: Country's First Geothermal Power Purchase Agreement Signed

GeoSyndicate Power Pvt Ltd and Northern Power Distribution Company recently signed the country's first geothermal power purchase agreement. The companies are expected to bring India's first geothermal power plant online by 2012. The 25-MW plant will be located in Andhra Pradesh's Khammam district.

See <http://www.zeenews.com/news652051.html>.

Indonesia: Tata Power Consortium Wins 240-MW Sorik Marapi Project

Tata Power, Origin Energy Limited, and PT Supraco Indonesia have joined up to develop the Sorik Marapi geothermal project in Northern Sumatra. The consortium was awarded the 240-MW project and will conduct explorations over the next 18 months. Commercial operations are scheduled to begin by June 2015.

"Tata Power has a strong mission to achieve at least 25 per cent of its generation portfolio through renewable sources of energy by 2017, geothermal energy being one of the prime renewable growth engines," Tata Power Managing Director Prasad R Menon told press.

See <http://economictimes.indiatimes.com/news/news-by-industry/energy/power/Tata-Power-consortium-bags-240MW-Indonesian-geothermal-project/articleshow/6479540.cms>.

Kenya: Geothermal Development Associates Contracted for Eburru Geothermal Field

Reno-Based Geothermal Development Associates Executes Contract for the Design, Supply and Commissioning of a 2.4-MW Wellhead Geothermal Power Plant at Eburru Geothermal Field, Kenya, East Africa

Press Release, September 2 — Reno-based Geothermal Development Associates (GDA) recently hosted six engineers from the Kenya Electricity Generating Company (KenGen). The engineers were in Reno for training and to witness shop tests of equipment being manufactured by GDA for a geothermal power project at Eburru, Kenya.

The equipment includes a geothermal steam turbine made by the Elliott Company (Jeanette, PA), a generator made by Kato Engineering (Mankato, MN), a speed reduction gear made by Lufkin Industries (Lufkin, TX), and several auxiliary systems made by GDA in Reno such as the process controls, turbine steam controls, lube oil console, packaged fire system and packaged air system.

GDA is designing the entire project from the production well (EW-1) to the injection well (EW-4) and is supplying most of the major equipment for the power plant.

The planned delivery time for the plant equipment in Kenya is February 2011. Project engineering and management services are being provided by GDA as well as commissioning and operator training.

GDA was assisted with Kenyan government contacts provided by the Commercial Service of the US Embassy in Nairobi and with financing from the US Export-Import Bank through World Trade Finance.

There are 163 MW of installed geothermal generation operating today in Kenya, representing 12% of Kenya's total capacity. Of this, KenGen owns and operates 115 MW of geothermal generation. The Eburru geothermal power project is located in Kenya's Rift Valley approximately 140 km northwest of Nairobi. The site is thought to have the potential to support up to 30 MW of geothermal power.

For more information see www.gdareno.com.

New Zealand: Inaugural Energy Sector Awards Ceremony Recognizes Geothermal Achievements

The inaugural Deloitte Energy Excellence Awards in Wellington recognized achievements in the New Zealand energy sector and was attended by 550 guests including the Minister of Energy and Resources, Hon. Gerry Brownlee. Over 90 entries were received in 10 categories, with geothermal company Mighty River Power receiving two prestigious awards.

"The judging panel has been in the privileged position of seeing inside some of New Zealand's best businesses and learning of their successes. It was a real challenge to select finalists from the diversity of entries," said Chairman of the Judging Panel Peter Griffiths.

"Recognizing those who achieve excellence in any field of industry is an important part of a successful country," said the Minister in an address.

Mighty River Power won the Overall Energy Company of the Year award as well as the Project of the Year award for its recently commissioned Nga Awa Purua geothermal power station. Former TrustPower chief executive officer Keith Tempest received an award for outstanding contribution to the sector. Powershop received the Innovation Award and Energy Executive of the Year for its CEO Ari Sargent. OMV won the Petroleum Project of the Year for its extended reach drilling of the offshore Manaia field.

See <http://www.voxy.co.nz/national/mighty-river-power-takes-premier-award-inaugural-energy-sector-awards/5/62373>.

New Zealand: Mighty River Power Profits Drop but Geothermal Capacity is Rising

Mighty River Power faced tough hydro conditions from June 2009 to June 2010, resulting in a drop from the record \$159.6 million made the previous year to \$85 million. But after the Nga Awa Purua station opened near Taupo, geothermal generation rose to comprise 27% of Mighty River Power's total electricity generation, and the company expects it to rise to over 40% this year. Chief executive Doug Hefferman told press the company will prospect more geothermal areas in the central North Island and will expand overseas operations.

See <http://www.radionz.co.nz/news/business/55742/mighty-river-looks-to-geothermal-expansion>.

Yemen: Tenders Opened for First Geothermal Energy Explorative Well

Tenders were opened last week for the first exploratory well for geothermal energy in Yemen. In studies conducted over the past few years the Geological Survey and Mineral Resources Board found about 100 potential areas of geothermal development, with this resource assessment project to take place in Allisi area, Dhamar province. The project is in collaboration with the Energy Research Center in Italy and the Natural Sciences Institute in Germany, with funding from the Global Environment Unit of the United Nations.

See <http://www.sabanews.net/en/news222941.htm>.



Geothermal Heat Pumps and Direct Use

Organic Farm in Idaho Uses Geothermal Greenhouse and Water Lines

Sweet Valley Organics, a farm operation north of Emmet, Idaho uses a geothermal greenhouse and geothermal water lines for growing vegetables which it supplies to 40 restaurants in the area. In the greenhouse, geothermal water is pumped through 4,000 feet of thin-wall PVC pipe about 8 inches under the floor. The geothermal water comes from a fault along the base of Squaw Butte.

Sweet Valley Organics is an operation run by Chris Florence, a cook, Chance Morgan, a cattle rancher and out-of-work construction worker, and Geoff Neyman, who had previously been working in biofuels. They have been growing organic vegetables for three years.

See <http://www.idahostatesman.com/2010/08/30/1320551/geothermal-water-lets-farm-stretch.html>.

Heat Pumps Need Tighter Regulations Says UK Report

A report compiled by the Energy Saving Trust has concluded that domestic heat pumps need tighter regulations in order to deliver widespread energy savings. The study was compiled by the Energy Saving Trust. The EST carried out the study in response to a lack of data on heat pump performance. Data from 83 sites across the UK was assessed by monitoring 54 ground source pumps and 29 air source pumps over a 12-month period. Technical performance was considered as well as the customers' experiences.

Properties that were most likely to benefit from the technology were homes that were not connected to the national gas network and were currently using oil or electricity heating systems, Simon Green, the EST's head of business development told press. He added that there could be a number of reasons some of the devices had low performance. "Unlike conventional boilers, that you can retrofit relatively easily, heat pumps are very, very sensitive - it is imperative they are designed to heat the relative load; if they are undersized or oversized, then the efficiencies are significantly reduced," he said.

Roger Nordman from the Swedish SP Technical Institute reviewed the EST trials, and compared the results with other European countries. "The major difference is that the UK has particularly old and inefficient housing stock," he said. "The market is also more mature in the rest of Europe and installers have much more experience in installing the technology."

See <http://www.bbc.co.uk/news/science-environment-11200063>.



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



Notices

New This Week

Call for Papers, Enhanced Geothermal Systems, Joint AAPG/SPE/SEG Hedberg Research Conference (October 25)

From the AAPG/SPE/SEG Hedberg Research Conference Program Committee:

Dates and Location: March 14-18, 2011, Napa, California, with optional post-meeting field trip

Conference Conveners

- Dr. Gary H. Isaksen (ExxonMobil Exploration Company)

- Dr. Dag Nummedal (Colorado Energy Research Institute, Colorado School of Mines)
- Dr. Peter Malin (Institute of Earth Science and Engineering, University of Auckland)

Conference Goals:

Improved understanding of geothermal resources and recent advances in exploitation technologies offers the possibility of a much broader use of geothermal energy sources on a global scale. The principal purposes of this conference are to facilitate knowledge sharing, enhance science and technology networks, foster cooperation among geothermal experts from industry, academia, and government, and identify technology gaps and economic barriers to project implementation. Our goal is to develop clarity around recent advances, identify technology gaps, and discuss scenarios and strategies to help develop enhanced geothermal systems in economically viable ways.

Format:

The meeting will be comprised of three days of single session oral and poster presentations, and an optional post-conference field trip to the Geysers/Calpine Geothermal Center in Middletown, California. Oral presentations will be 30 minutes in length, with discussion by all attendees following each presentation. Additional discussion sessions and breakouts may also be planned. To optimize the discussions, the number of attendees will be limited to 120 individuals. The poster sessions will be linked to the oral presentations and will feature prominently in the discussions. The results of the conference will be published in a compendium research volume, hopefully as an AAPG Memoir.

Themes:

The conference will focus on these major topics:

1. Recent Advances that address (a) improved understanding of worldwide subsurface heat flow and geothermal reservoirs, (b) links between geothermal reservoir models, heatflow, geodynamics, pressure cells, structural and stratigraphic models, fracture technologies (e.g. fluids in closed and open systems), prediction of migration pathways, charge, stimulation (hydraulic, chemical), and probabilistic approaches to fluid migration and risk analysis. Also consider talks/posters on advanced in surface technologies (e.g. heat exchangers).
2. Subsurface Imaging and Modeling, specifically addressing properties of rocks, faults, and fractures, as well as water and other fluids. Research includes reservoir diagenesis and porosity/permeability alteration, artificial fracturing, fracture propagation, PVT, stress and deformation, multi-phase flow, heat flow evolution, fault behavior, and low- and high-temperature processes.
3. Uncertainty and Risk associated with rock volume interpretations, structural interpretation, migration/flow fairways, resource volume assessments. Project Economics: drilling and completion costs, costs for energy conversions, energy forecasts.
4. Energy Conversion and Recovery from Enhanced or Engineered Geothermal Systems. What are the technology gaps we need to fill in order to ensure economic viability for EGS? What EGS technology challenges exist for academia and industry? How can we best engineer the system to emulate the productivity of a hydrothermal reservoir? What do regulators and policy makers need to understand to help promote use of EGS?
5. Environmental Considerations, addressing water use, land use, artificial reservoir fracturing, supplies to the electric grid.

Oral sessions will be highlighted by keynote speakers whose task will be to address the current understanding of the topic and indicate future directions of research. Session chairmen and "discussion leaders" will be designated for each of these sessions, charged with engendering discussion during the session, organizing and leading discussions during the breakout sessions, and formulating a "white paper" (~one page) of the major points raised, describing the "state of the art" and paths forward, for publication in the post-conference wrap-up.

Abstract Submittal:

Please send a 1-4 page abstract, including optional figures (up to 2) to both:

Debbi Boonstra
AAPG Education Dept.
P.O. Box 979
Tulsa, OK 74101-0979
Fax: (918) 560-2678

Gary Isaksen
ExxonMobil Exploration Co.
233 Benmar
Houston, TX 77210
Phone: (281) 654-7562, Fax: (281) 654-7222

debbi@aapg.org

gary.h.isaksen@exxonmobil.com

Specify that your abstract is for the AAPG 2011 Napa Hedberg Research Conference. Include all co-authors' names (including contact information for the primary author). An abstract cover sheet is required for all submitted abstracts. Log on to <http://www.aapg.org/education/hedberg/index.cfm>, or contact Debbi at AAPG to obtain this form.

Deadline for submission of abstracts: October 25, 2010

Current Notices

GEA Conducting Survey on Web Site Functionality

Posted 8/2010: GEA's web site, www.geo-energy.org has ongoing updates meant to provide you with accessible reports, information, links, and more.

We are aware of some glitches on our site — for example, there are some inconsistencies in viewing from different browsers. We are working on this; please help us solve any additional problems. Let us know:

- Have you run into any problems on GEA's site?
- Have you come across any antivirus warnings?
- Have you had any problems accessing files or links?
- Have you noticed any out-of-date information?
- Please report problems to Leslie Blodgett, leslie@geo-energy.org

Many thanks for your help! Recent updates to www.geo-energy.org include:

- Updates to Developing Projects and Power Plant information
- Video on YouTube
- Photos on Flickr
- Member Access includes presentations from all GEA events
- Member Data base searchable by field and location
- Notices, Jobs, and Proposals listed in the GEW are now also updated each week to the site.

Bloomberg New Energy Finance Publishes Geothermal – US Drilling Market Research Note

Posted 8/2010: Bloomberg has just published a Geothermal – US Drilling Market Research Note for its clients. Highlights covered in the Research Note:

- Fluctuations in the domestic oil price have pushed several oil and gas drillers into the geothermal market in an effort to keep their rigs busy;
- The added competition has driven down day rates and reduced wait times for rigs, both features highly favorable for geothermal developers; and
- The US geothermal drilling market is set to expand to over \$2bn/yr; or \$15bn+ to complete the over 4 GW in the current US development pipeline.

New Study on Water Issues Related to Shale Gas

Argonne National Laboratory, through funding provided by The U.S. Department of Energy's National Energy Technology Laboratory (NETL), has just released the final report on a study they completed on water issues relating to shale gas development in the Marcellus Shale. Entitled "Water Management Technologies Used by Marcellus Shale Gas Producers", it discusses:

- Controlling the storm water runoff from disturbed areas,
- Obtaining sufficient freshwater supply to conduct hydraulic fracturing (frac jobs) on new wells, and
- Managing the flowback water and produced water from the well (primary focus of the report)

Full copy of the report available at: http://www.evs.anl.gov/pub/dsp_detail.cfm?PubID=2537.

DOE Loan Guarantee Solicitation Extended (October 5)

The Department of Energy is extending the application deadline for the July 2009 Energy Efficiency, Renewable Energy and Advance Transmission and Distribution Technologies Solicitation. Round 8, Part I application is due October 5, 2010. Applicants that are invited to submit a Part II application must submit all materials by the Round 8, Part II deadline of December 31, 2010.

Energy secretary Steven Chu said: "By extending the time applicants can file, we will be able to support additional projects that diversify the country's clean energy mix and strengthen our economy."

The extension gives companies six more weeks to apply for a loan guarantee under Section 1703 or Recovery Act-funded Section 1705. For more information about this solicitation and the Department's Loan Guarantee Program, please visit www.lgprogram.energy.gov.

Los Angeles Department of Water and Power Integrated Resource Plan Open for Comment

The Los Angeles Department of Water and Power (LADWP) Draft 2010 Integrated Resource Plan (Draft 2010 IRP) is now out and open for comment. The draft is designed to provide a 20-year plan for ensuring Los Angeles energy needs are met and follow regulatory requirements and environmental policy goals. The Draft 2010 IRP adheres to the following objectives:

- * Reliability of the Power System
- * Regulatory compliance
- * Environmental stewardship, including pursuing renewable energy resources
- * Maintaining low and stable rates

For related documents and workshops visit <http://www.lapowerplan.org/>.



Employment

New This Week

Senior Principal Geothermal Geologist – Brisbane, Australia

Origin Energy is a top 20 ASX listed company in Australia operating as a fully integrated energy provider employing approximately 4000 employees across Australia, New Zealand and the Pacific with major projects involving oil and gas exploration and production, power generation and energy retailing. It's an exciting period for Australia's Energy & Resources industry and at Origin, we are currently expanding our business in the Geothermal market in Asia Pacific and we are actively looking to hire a senior Principal Geothermal Geologist to be based in Brisbane, Australia.

We are building a key cross-functional geothermal team to help us execute on exploration and development projects and this role will head up the Geothermal business. We are ideally seeking a commercially minded professional that is also at expert level geoscientist with extensive international experience. Future key hires required that will report to this person will include Geothermal Geoscientists, Drilling Engineers / Managers, and Reservoir Engineers / Managers. Opportunities for people we hire include working for our group in Brisbane that services different Joint Ventures and projects, or direct placement into one of our main projects, with Indonesia being a major focus.

If you are interested in this opportunity or other Geothermal opportunities based in Australia please contact:

Shane Stevens / Talent Search Team Manager

OriginEmail: Shane.stevens@originenergy.com.au

Phone: +61 00 11 73858 0237

Employment OpportunitiesFor details on employment opportunities listed here visit http://geo-energy.org/empl_opport.aspx.**GIS Specialist, Nevada Geothermal Power, Reno, NV**Please send resumes to careers@nevadageothermal.com**Vice President Geology, Western US**Please send resumes to Bstevens@stmassociates.com**Geothermal Openings, NREL, Boulder, CO**Go to http://www.nrel.gov/employment/job_openings.html and search "geothermal"**Drilling Manager, NV**

Contact:

Andrew Matkovic / Vice President Clean Tech & Energy
(216) 539-7668 or andrewmatkovic@carmongroup.com**Geophysicist, Calpine, The Geysers, CA**

To apply online, see

https://www.hrapply.com/calpine/AppJobView.jsp?link=3645&page=AppJobList.jsp&skimSessionName=com.hrlorgix.view.cont.app.JobListTable&skimName=requisition.requisition_id&skimNdx=4&op=reset.**Renewable Energy Mechanical/Systems Engineer, Idaho International Laboratory, ID**

Please contact:

Vanessa Van Dyk at Idaho National Laboratory: Vanessa.VanDyk@inl.gov, 208-526-6325OR apply on line at: www.inl.gov/careers**Project Manager**

Contact: Andrew Matkovic, Vice President, The Carmon Group Inc.

andrewmatkovic@carmongroup.com or (216) 539-7668*(updated 8/20/10)***Development Manager**

Contact: Andrew Matkovic, Vice President, The Carmon Group Inc.

andrewmatkovic@carmongroup.com or (216) 539-7668*(updated 8/20/10)***Project Manager Geothermal Exploration, Europe**Contact: drobot@penderfinancial.com



Requests for Proposals

Closing This Week

Renewables – California, SCE (September 8)

Southern California Edison Co. seeks up to 250 MW renewable energy contracts (including energy, green attributes, capacity attributes and resource adequacy benefits) from generation owners with qualifying in-state facilities of 20 MW or less in size. Responses due 9/8/10. For more info, contact George Wiltsee at george.wiltsee@sce.com or go to: <http://www.sce.com/EnergyProcurement/renewables/renewables-standard-contracts.htm>. (Green Power Network 8/5/10)

Community Environmental Demonstration Projects – Alaska (September 9)

The Alaska Native Tribal Health Consortium and RurAL CAP request proposals for Community Environmental Demonstration Projects. This initiative will support innovative projects that address approaches for enhancing human health and the environment of Tribal communities in rural Alaska. Areas of interest for demonstration projects include, but are not limited to: Climate change, indoor air quality, solid waste management, recycling, outreach materials, energy use, and pollution. \$200K expected to be available, up to 12 awards anticipated. Responses due 9/9/10. For more info, contact Desirae Roehl at droehl@anthc.org or go to: <http://www.anthc.org/chs/ces/hve/fy11solicitation.cfm>.

Renewables & GHG Reductions – Developing Countries, EERE (September 10)

The U.S. Agency for International Development requests applications for the Energy Efficiency and Renewable Energy Program (EERE). Through this program, USAID anticipates awarding Leaders with Associate (LWA) Cooperative Agreements. The LWAs will be under two themes: 1) Increasing Energy Efficiency, which will focus on increasing energy efficiency to reduce GHG emissions in developing country economies, and 2) Increasing Adoption of Renewable Energy, which seeks to assist developing countries with promoting and establishing an expanded supply of renewable energy systems. \$5 million expected to be available, 2 awards anticipated. Responses due 9/10/10. For more info, contact eereplwa@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=56249>. Refer to Sol# RFA-OAA-10-000009. (Grants.gov 7/30/10)

Renewable Energy Transmission – California, CEC (September 14)

The California Energy Commission requests proposals for the Support of the Renewable Energy Transmission Initiative (RETI). The purpose of this RFP is to select a qualified contractor to provide support services to RETI stakeholders that include coordinating and facilitating meetings, seeking consensus decisions from stakeholders and participants, and preparing reports and other documents on actions and decisions reached by stakeholders. \$750K expected to be available, one award anticipated. Responses due 9/14/10. For more info, contact Andrew Ferrin at aferrin@energy.state.ca.us or go to: <http://www.energy.ca.gov/contracts/index.html>. Refer to RFP #700-09-701.

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 Dominic 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)

Renewable Energy Credits – Veterans Affairs (About September 18)

The U.S. Department of Veterans Affairs announces its intent to purchase 200 million kWh of Renewable Energy Credits. The RFP will be issued on or about 9/13/10, and will close 5 business days thereafter. For more info, contact Bridget May at bridget.may@va.gov or go to:

https://www.fbo.gov/?s=opportunity&mode=form&id=47b29af08818be7321fd07397cbde3ab&tab=core&_cview=0. Refer to Pre Sol# VA70110RP0256. (FBO 9/5/10)

New This Week

Call for Geothermal Exploration Proposals, Neuquén, Argentina

The Government of the province of Neuquén, Argentina has issued a call for geothermal exploration proposals in the Domuyo area, located 560 km from the capital city of the Province of Neuquén. The exploration contract allows exploitation of the minerals discovered for a period of up to 25 years. The successful bidder may request to receive the promotional benefits and incentives. The documentation containing the terms and conditions is on sale, and a non-commercial copy is available on the agency's web site. To request additional information, please contact the Agency: info@adinqn.gov.ar or the Vice Presidency of ADI-Nqn: Igalardi@adinqn.gov.ar; Phone: +54 299 4494749; Mobile: +54 9 299 5552842 - www.adinqn.gov.ar

A 7thspace.com article provides more background on the area: see http://7thspace.com/headlines/355477/geothermal_energy_national_and_international_public_call_for_domuyo_project_neuquen_province.html.

Manufacturing Enterprise Systems (October 1)

The National Science Foundation requests proposals for Manufacturing Enterprise Systems. This program supports research on design, planning, and control of operations in manufacturing enterprises. Research projects addressing energy efficiency and renewable energy have been awarded in 2010. Responses due 10/1/10. For more info, contact Cerry Klein at cklein@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13342&org=NSF. Refer to Sol# PD-10-1786. (Grants.gov 8/20/10)

Manufacturing and Construction Machines and Equipment

The National Science Foundation requests proposals for Manufacturing and Construction Machines and Equipment. This program supports fundamental research leading to improved machines and applications for both manufacturing and construction. Key goals are to advance the transition of these industries from skill-based to knowledge-based activities and to develop them as activities with minimal environmental and societal impact. Research projects addressing renewable energy have been awarded in 2010. \$300K expected to be available. For more info, contact George Hazelrigg at ghazelri@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13346. Refer to Sol# PD-10-1468. (Grants.gov 8/20/10)

Environmental Justice – Gulf of Mexico Oil Spill (October 4)

The U.S. Environmental Protection Agency requests proposals for Environmental Justice Cooperative Agreements in support of communities directly affected by the Deepwater Horizon oil spill in the Gulf of Mexico. The purpose of this RFP is to assist local communities facing environmental justice challenges in addressing and adapting community responses to local long-term environmental and/or public health issues as they relate directly to the oil spill. \$300K expected to be available, up to 10 awards anticipated. Responses due 10/4/10. Funding for projects is limited to areas in AL, FL, LA, MS, and TX directly affected by the spill. For more info, contact Sheila Lewis at lewis.sheila@epa.gov or go to: <http://www.epa.gov/compliance/ej/grants/bp-spill-grants.html>. Refer to Sol# EPA-OECA-OEJ-10-02. (Grants.gov 8/11/10)

Renewable Energy Feasibility Grants (October 5)

The U.S. Department of Agriculture requests proposals for Renewable Energy Feasibility Grants. This RFP will provide funds to agricultural producers and rural small businesses to conduct feasibility studies for renewable energy systems. \$3 million expected to be available, up to 110 awards anticipated. Responses due 10/5/10. For more info, including contacts, go to: <http://www.grants.gov/search/search.do?mode=VIEW&opId=56574>. Refer to Sol# RDBCP-10-REAP-FEASIBILITY. (Grant.gov 8/12/10)

Indian Community Development Block Grant (October 27)

The U.S. Department of Housing and Urban Development request proposals for the Indian Community Development Block Grant (ICDBG). ICDBG supports the development of viable Indian and Alaska Native communities, including the creation of decent housing, suitable living environments, and economic opportunities primarily for persons with low- and moderate-income. Funds may be used to improve housing stock, provide community facilities, improve infrastructure, and expand job opportunities. Area of interest include, but are not limited to: Energy Efficiency/Green Development, and Lead-Based Paint Evaluation and Hazard Control. Lead applicants must be Indian tribes or tribal organizations on behalf of Indian tribes. \$65 million expected to be available. Responses due 10/27/10. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&opId=56858>. Refer to Sol# FR-5415-N-08. (Grants.gov 8/24/10)

National Environmental Information Exchange (November 5)

The U.S. Environmental Protection Agency requests proposals for the National Environmental Information Exchange Network Grant Program. This program supports the exchange of environmental data and collaborative work within the Exchange Network and may also be used to fund the standardization, exchange and integration of geospatial information to address environmental, natural resource, and human health challenges. \$10 million expected to be available, up to 50 awards anticipated. Responses due 11/5/10. For more info, contact Ryan Humrighouse at humrighouse.ryan@epa.gov or go to: <http://www.epa.gov/networkg/grants/>. Refer to Sol# EPA-OEI-11-01. (Grants.gov 8/13/10)

Industry/University Cooperative Research Centers (February 2, 2011)

The National Science Foundation requests proposals for Fundamental Research Program for Industry/University Cooperative Research Centers. This program provides support to centers to conduct fundamental research to better position themselves as leaders in emerging areas that could benefit the industries that they serve. Areas of interest include, but are not limited to: Energy and the Environment; and Advanced Manufacturing. \$1.6 million expected to be available, up to 10 awards anticipated. Responses due 2/2/11. For more info, contact Rathindra DasGupta at rdasgupt@nsf.gov or go to: <http://www.nsf.gov/pubs/2010/nsf10601/nsf10601.htm>. Refer to Sol# 10-601. (Grants.gov 8/17/10)

RFP Announcements**Power Forecast, Haiti, TDA**

The U.S. Trade and Development Agency announces its intent to request proposals to provide technical assistance to forecast future power demand in Haiti and assist governmental and private sector entities in Haiti in developing a strategy to generate, transmit and distribute power to both urban and rural areas, to encourage Haiti's recovery from the disastrous earthquake and to fuel economic growth. The assistance will include the identification, assessment and quantification of renewable energy options such as wind, solar and biomass. \$800K expected to be available. For more info, contact Jason Bell at jbell@ustda.gov or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=381bf13f574e4baee474468a6f994556&tab=core&_cview=0. Refer to Sol# CO2010510006. (FBO 6/5/10)

Southern California Edison Seeks Renewable Energy Contracts

Southern California Edison is seeking power purchase contracts for renewable energy under 20 MW in size. The power utility will buy power from solar, wind, biomass, biogas, oceanic, hydroelectric, or geothermal projects located in California. SCE is looking for projects that could be operating within three years of contract approval, expected to be January 2011.

See <http://www.brighterenergy.org/14706/brief/solar-brief/southern-california-edison-seeks-renewable-energy-contracts/> and <http://www.sce.com/EnergyProcurement/renewables/renewables-standard-contracts.htm>.

Regional Pollution Prevention Centers, U.S. EPA (September 20)

The U.S. Environmental Protection Agency requests proposals for Coordination of Regional Pollution Prevention Information Network Centers. Through this RFP, EPA expects to fund a coordinator for the national network of

eight regional pollution prevention information centers. \$190K expected to be available, 1 award anticipated. Responses due 9/20/10. For more info, contact Beth Anderson at Anderson.Beth@epa.gov or go to: <http://www.epa.gov/p2/pubs/grants/index.htm>. Refer to Sol# EPA-HQ-OPPT-10-06. (Grants.gov 7/22/10)

NV Energy Seeks Offers for Renewable Energy Credits (September 22)

NV Energy has issued a Request for Offers (RFO) for renewable energy portfolio credits from qualified renewable energy generators for a contractual time length of five to 25 years. Energy credit proposals will be considered for solar, geothermal, biomass, wind and other resources eligible for portfolio energy credits under the Nevada Renewable Portfolio Standard and will require certification from the Public Utilities Commission of Nevada.

Eligible renewable resources must be either in operation or have a commercial operation date no later than July 1, 2013. Minimum bid size is 450 kW; proposals with multiple sites of no less than 150 kW at each site. Go to www.NVEnergy.com/PCOnlyRFO; proposals are due by 5 p.m. (PDT) on Sept. 22, 2010.

See <http://www.prnewswire.com/news-releases/nv-energy-seeks-offers-for-renewable-energy-credits-99578969.html>.

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)

Small Producers Program, RPSEA (September 28)

The Research Partnership to Secure Energy for America (RPSEA) recently announced the 2010 Request for Proposals (RFP) for the Small Producers Program. Up to \$3.2 million is available for a variety of projects, including among others "Creative capture and reuse of industrial waste products (CO₂, produced water, excess heat) to reduce operating costs or improve recovery."

Proposals are due September 28, 2010. Early responses are encouraged. The written question and answer period ends August 27. The full RFP can be found at: http://www.rpsea.org/req_proposals/

Basic and Scientific Research, U.S. Army (September 30)

The U.S. Army Research Office has issued a Broad Agency Announcement for basic and scientific research in mechanical sciences, environmental sciences, mathematical and computer sciences, electronics, computational and information sciences, physics, chemistry, life sciences, and materials science. Responses due 9/30/11. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=41952>. Refer to Sol# W911NF-07-R-0003-04. (Grants.gov 8/4/10)

Environmental Scientist Award, Health and Human Services (September 30)

The U.S. Department of Health & Human Services, National Institutes of Health, requests proposals for the Outstanding New Environmental Scientist Award. This RFP will support early stage investigators committed to research in problems related to environmental exposures. Examples of relevant toxicants include, but are not limited to: Industrial chemicals or manufacturing byproducts, pesticides, air pollutants and other inhaled particulates. \$3.6 million expected to be available, up to 6 awards anticipated. Letters of Intent are required and are due 9/30/10, final proposals due 10/29/10. For more info, contact Carol Shreffler at shreffl1@niehs.nih.gov or go to: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-10-004.html>. Refer to Sol# RFA-ES-10-004. (Grants.gov 6/18/10)

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)

Materials and Surface Engineering, NSF (October 1)

The National Science Foundation requests proposals for Materials and Surface Engineering. This program supports fundamental research leading to a better understanding of the effect of microstructure, surfaces, and coatings on the properties and performance of engineering materials; and the ultimate control of these properties through material design. Responses due 10/1/10. For more info, contact Clark Cooper at ccooper@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13356. Refer to Sol# PD-10-1633. (Grants.gov 8/4/10)

Structural Materials and Mechanics, NSF (October 1)

The National Science Foundation requests proposals for Structural Materials and Mechanics. This program supports fundamental research on the behavior of civil infrastructure materials and the mechanics of structural components in the built environment. Of particular interest is research on structural components consisting of natural and synthetic materials, their response to mechanical, hydrothermal, and time-dependent loads, and their impact on life-cycle performance and sustainable development of the civil infrastructure. Responses due 10/1/10. For more info, contact Lawrence Bank at lbank@nsf.gov or go to: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13357. Refer to Sol# PD-10-1635. (Grants.gov 8/4/10)

Clean Energy RFP Offering up to \$150K, NIREC (October 5)

The Nevada Institute for Renewable Energy Commercialization (NIREC) has opened a new call for proposals supporting clean energy innovations. The new clean energy RFP offering is up to \$150,000 in funding and services per project

About the RFP

Pre-Proposal Due Tuesday, September 14, 2010, 2:00 pm PDT

Project Proposal Due Tuesday, October 5, 2010, 2:00 pm PDT

Apply to one of two award tracks: NIREC Research Partner Track (DRI, UNR, UNLV, UC Davis) or U.S.-based Early-Stage Company Track

Through this award, NIREC provides funding and pre-commercialization services worth \$150,000. Applicants submit a budget of up to \$100k and NIREC provides up to an additional \$50k in business planning services in the form of an Entrepreneur-in-Residence (EiR) who guides the commercialization process. At the end of a successful NIREC engagement, projects will be well on the way to achieving that next very important funding milestone toward commercialization.

No cost sharing or program fees are required. To ensure NIREC can continue to provide valuable funding and services, NIREC expects to share in the success of the businesses it helps cultivates. Get the application guide and application documents: <http://www.nirec.org/rfp2010Apply.html>

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)

Works Procurement Notice, Drilling Of Geothermal Wells in Roseau Valley, Commonwealth of Dominica (October 25)

The Government of the Commonwealth of Dominica through the Ministry of Public Works Energy and Ports – Geothermal Project Management Unit, intends to procure the services of a drilling contractor to drill at least three geothermal wells in the Wotten Waven / Laudat area. The objective of the project is to prove the existence of high enthalpy geothermal resource suitable for commercial generation of electric power and to determine the capacity for sustainable exploitation. Services to be provided by the contractor include mobilization and demobilization of the drilling rig and associated equipment, drilling of at least three wells, provision of cementing, drill-pipe inspection, and vertical drilling expertise. The provision of drilling mud and related additives and well testing services will also be required. Deadline is 9:00am Eastern Caribbean Time on October 25, 2010.

Attendance at an information meeting and site visit on August 17, 2010, at 09:00 am is strongly recommended. Contact the Project Management Unit, Ministry of Public Works, Energy and Ports, Government Headquarters Roseau. Telephone: (767) 266- 3616/8/; 266 -3294/3296 Fax: (767) 448-0182. Email: pmu.geotheremal@gmail.com; geothermal@dominica.gov.dm.

Send questions in writing to geothermal@dominica.gov.dm and c/o The Project Coordinator, Geothermal Project Management Unit, Ministry of Public Works, Energy & Ports, 3rd Floor Government Headquarters, Roseau, Commonwealth of Dominica, mentioning the publication reference (EuropeAid/130061/D/WKS/DM) at least 21 days before the deadline for submission of tenders. The Contracting Authority must reply to all tenderers' questions at least 11 days before the deadline for submission of tenders. Eventual clarifications or minor changes to the tender dossier will be published at the latest 11 days before the submission deadline on the EuropeAid website at <https://webgate.ec.europa.eu/europeaid/online-services/index.cfm?do=publi.welcome>.

Climate Change and Health, HHS

The U.S. Department of Health & Human Services requests proposals for Climate Change and Health: Assessing and Modeling Population Vulnerability to Climate Change. This RFP encourages research of risk factors of populations that lead to or are associated with increased vulnerability to exposures, diseases, and other adverse health outcomes related to climate change. For more info, including funding and program contacts, go to: <http://grants.nih.gov/grants/guide/pa-files/PAR-10-235.html>. Refer to Sol# PAR-10-235. (Grants.gov 7/21/10)

Climate Data Record Program, Commerce, NOAA (November 10)

The U.S. Department of Commerce, NOAA, requests proposals for the Climate Data Record Program. This program seeks to support the development and stewardship of Climate Data Records for the atmosphere, cryosphere, oceans, and land surface. \$2.5 million expected to be available, up to 15 awards anticipated. Letters of Interest due 9/15/10, final proposals due 11/10/10. For more info, contact Linda Statler at Linda.S.Statler-at-noaa.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=56019>. Refer to Sol# NOAA-NESDIS-NESDISPO-2011-2002566. (Grants.gov 11/10/10)

Energy Production with Innovative Methods of Geothermal Heat Recovery, DOE (November 30)

From DOE:

Funding Opportunity Announcement Number: DE-FOA-0000336

Announcement Type: Initial

CFDA Number: 81.087

Issue Date: 08/19/2010

Pre-Application Due Date: 10/01/2010, 11:59 P.M. Eastern Time

Full Application Due Date: 11/30/2010, 11:59 P.M. Eastern Time

REGISTRATION AND APPLICATION SUBMISSION REQUIREMENTS

Registration Requirements: Allow at least 21 days to complete registrations.

To submit an application under this announcement, complete the following registrations:

1. Obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, at <http://fedgov.dnb.com/webform>.

2. Register in the Central Contractor Registration (CCR) system, at <https://www.ccr.gov/>. Designating an E-Business Point of Contact (EBiz POC) and obtaining a special password called an MPIN are important steps in CCR registration. These items are needed to submit applications in Grants.gov. Update your CCR registration annually.

3. Register in Grants.gov at <http://www.grants.gov/>. See the Organization Registration User Guide at <http://www.grants.gov/assets/OrgRegUserGuide.pdf>. The Applicant User Guide is at <http://www07.grants.gov/assets/ApplicantUserGuide.pdf>.

4. Register in FedConnect at <https://www.fedconnect.net/>; use "Register as a Vendor" link. To create an organization account, your organization's CCR MPIN is required.

Where to Download the Application Package:

Download the Application Package for this announcement at <http://www.grants.gov/>. Click on the "Apply for Grants" link; then, click on the "Download a Grant Application Package" link and follow the instructions. Insert the announcement number to download the Application Package.

Where to Submit the Application Package:

Applications must be submitted through Grants.gov to be considered for award. Follow instructions in the User's Guide for application submissions. Applicants are responsible for verifying successful transmission, prior to the Application due date and time.

Where to Ask Questions About the Funding Opportunity Announcement Content:

To ask questions about the Funding Opportunity Announcement, use FedConnect at <https://www.fedconnect.net/>. You must be a registered user in the system and submit questions by sending messages in your FedConnect email box. Part VII of this announcement explains how to submit questions to the Department of Energy (DOE).

Where to Submit Questions About the Registrations or Systems:

DUNS & Bradstreet: govt@dnb.com

Central Contractor Registration (CCR) system: <https://www.bpn.gov/ccr/contactccr.aspx>, By phone: 866-606-8220 or 334-206-7828 (8:00 A.M. to 8:00 P.M., Eastern Time)

Grants.gov: support@grants.gov, By phone: 1-800-518-4726 (7:00 A.M. to 9:00 P.M., Eastern Time)

FedConnect: support@FedConnect.net, By phone: 1-800-899-6665 (8:00 A.M. to 8:00 P.M., Eastern Time)



Events

Happening This Week

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

Canadian Geothermal Energy Association

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

New This Week

***DATE CHANGE: XVII Congress of the Mexican Geothermal Association, Morelia, Mich., Mexico (October 15)**

Mexican Geothermal Association (AGM: Asociación Geotérmica Mexicana)

<http://www.geotermia.org.mx>26

GEA Events

GEA Annual Members Meeting and Policy Workshop, Sacramento, CA (October 23)

On Saturday, October 23rd from noon to 5pm, GEA will hold its "Annual GEA Member's Meeting and Policy Workshop" at the Hyatt Regency in room C. As part of the Member's Meeting, GEA staff will present successes, activities, and direction for 2010 and beyond and open floor to member discussion. As part of the Policy Workshop, keynote speakers from federal and state government will provide expert presentations on the latest regulatory and legislative developments and discuss trends shaping politics in Washington, DC and state capitols. Pulling the two parts of the meeting together will be a discussion of what it will take to sustain long-term growth in the geothermal industry. There is no admission charge for GEA Members and 2010 Geothermal Energy Expo exhibitors. The meeting is also open to the GRC members and others on a space available basis. For more information contact Kathy Kent kathy@geo-energy.org or Karl Gawell karl@geo-energy.org.

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

Tweeting about your GEA Expo plans? Use tag #GEAEXPO. And follow us here: @GEAGeoEnergy.

With the GEA Geothermal Energy Expo® right around the corner, GEA has opened visitor registration to walk the halls of the biggest geothermal expo in the world. Registration for visitors is available at:

<http://www.geothermalenergy2010.com/visitors.asp>.

Come see the more than 150 exhibitors of this years Expo including: 101 Pipe & Casing, Inc., Alstom Power, Ashland, Inc., Atlas Copco Mafi-Trench Company LLC, Ausenco PSI, Baker Hughes, Bakersfield Pipe and Supply, Baroid Industrial Drilling Products, BM Engineering & Construction Comp., Boart Longyear Drilling Services, Boart Longyear/Energy Products, Boise State, Bolttech Mannings, Brush Turbogenerators, BS&B Safety Systems, LLC, Bureau of Land Management, CA Division of Oil, Gas, & Geothermal Resources, California Energy Commission, Cameron, Campbell Scientific, Chevron Global Lubricants, City of Reno, Composite Cooling Solutions, Cryostar, CSE Engineering, Inc., Department of Energy, Geothermal Technologies Program, Department of Navy, Geothermal Program Office, Dewhurst Group, DHI Services, Inc., DOSECC Exploration Services, Dresser-Rand, Ecology & Environment, Inc., ElectraTherm, Inc., Emerson Process Management, EMPSi, Ensign Energy, EvapTech, Inc, Expro Americas LLC, Freemyer Industrial Pressure, Fuji Electric, GEFCO- Newsom Industries, Geo-Heat Center, George T. Hall Company, Geotech Ltd., GeoTek Energy, LLC, Geothermal Development Associates, Geothermal Education Office, Geothermal Energy Association, Geothermal Resources Council, GeoThermHydro, Gradient Geophysics, Inc., Great Basin Center for Geothermal Energy, Halliburton, Holland & Hart LLP, Holtec International, Horizon Well Logging, Ind Valco, Reno-Win, & Beric Valves, Industrial Cooling Solutions, Industrial Tests, Inc., Institute of Earth Science & Engineering, Islandsbanki, Itasca International Inc., ITT, JBR Environmental Consultants, Inc., JD Rush Company, Kelly Pipe, Kiewit/TIC, Kuster Company, L.A. Turbine Corporation, Layne Christensen, Linear Power, Machine Support Technologies, Inc., MadgeTech, Inc., Magma Energy Corporation, Major Drilling America Inc., MEGTEC Systems, Mill Man Steel, Mitsubishi Power Systems Americas, Nalco, Nash, A Gardner Denver Product, National Oilwell Varco, Nevada Commission on Economic Development, Ormat Technologies, Inc., Pacific Process Systems, Inc., Perma Works LLC, Plymouth Tube Company, Potter Drilling, Inc., POWER Engineers, Inc., PowerChem Technology, Pratt & Whitney Power Systems, Precise Propellant Stimulation, LLC, Processes Unlimited International Inc., Quantec Geoscience, Rain for Rent, Ram Power, Raser Technologies, Rattler Energy, Rigger Engineering, RMT, Inc., Rocky Mountain Oilfield Testing Center, Rotork Controls, Inc., Ruen Drilling, Inc., Sacramento Municipal Utility District (SMUD), Schlumberger, Siemens Industry, Inc., SnapOn Industrial, SNC-Lavalin Thermal Power,

SpecTIR, SPX Corporation, Stoel Rives LLP, Stork H&E Turbo Blading Inc., Sunrise Engineering, Inc., TAS, TBA Power, Inc., Team Australia Geothermal, Tenaris, The Shaw Group, ThermaSource, LLC, Tiger Energy Services, Titan Metal Fabricators, TIX Corporation, TNG Energy Services, Inc., Toshiba International Corp, TRE Canada Inc., Tricor Metals, TurboCare, Tyco Flow Control, Vooner FloGard Corporation, WEC Welding and Machining, Well Analysis Corporation, Wellons Water Technology, Western Cultural Resource Management, Inc., Western Environmental Testing Laboratory, Wolseley, Wolverine Tube, Inc., Wood Group Field Services, WorleyParsons, Zapata Geophysics, and Zonge Engineering.

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

Geothermal Energy Expo Sponsorship Opportunities

Sponsorship Opportunities – contact Kathy Kent at kathy@geo-energy.org

Water Sponsor - \$3,500 (Exclusive)

SOLD: TNG Energy Services

Benefits:

- Sponsor logo placement on water station and Eco Sports Bottle to be given out to Expo attendees
- Recognition on GEA/GRC site
- Recognition on signage on Expo Hall

Exhibition Aisle Signs – 1/ Aisle Section - \$1,000 (Limit 8)

Benefits:

- Logo on aisle sign
- Proportional logo on event guides

Poker Tournament - \$5,000 (Exclusive)

Benefits:

- Fun tournament played in 15 minute rounds
- Sponsor receives recognition on GEA website and within Poker Tournament itself
- Advertisements for tournament will include sponsor information

Geo-Cyber Area Sponsorship - \$5,000 (Exclusive)**SOLD: Geothermal Resource Group**

Benefits:

- 20 x 20 space with two desktop computers with internet connection and printer in 2010 Expo Hall
- Offers the opportunity for technical and management professionals from around the world to come together and networking/round tables and chairs
- Company logo on signage of the "Cyber Space"
- Company's website set to default for all computer screen savers
- Recognition on signage on Expo Hall

Expo Triangular Eco-Highlighters - \$2,500 (Exclusive)

Benefits:

- Company name and logo on Expo Hall pens given out with attendee bag
- Sponsor receives recognition on GEA website and on Expo Guide

Expo Eco-Pens - \$2,000 (Exclusive)

Benefits:

- Company name and logo on Expo Hall pens given out with attendee bag
- Sponsor receives recognition on GEA website and on Expo Guide

GRC Annual Meeting and GEA Geothermal Energy Expo® Mutual Sponsorships 2010Sponsorship Opportunities – contact Kathy Kent at kathy@geo-energy.org**Platinum Level** - \$30,000 (Limited to maximum of 5 sponsors)**SOLD: Halliburton**

Benefits:

- Sponsorship of Opening Reception, Sunday evening, October 24, 2010
- Formal acknowledgement at Opening Reception, Sunday evening, October 24, 2010
- (1) 10'x20' booth space within Expo
- (3) complimentary full conference passes
- Prominent display of name/logo on event guides
- Logo on entry welcome sign, GRC/GEA websites, slide show onsite
- A full page B/W Advertisement in 6 issues of the GRC Bulletin
- Literature of choice included in delegate bags

Gold Level - \$15,000 (Limit 5)

Benefits:

- (1) 10'x10' booth space within Expo
- (2) complimentary full conference passes
- Prominent display of name/logo on event guides
- Formal acknowledgement at Opening Reception
- Logo on entry welcome sign, GRC/GEA websites, slide show onsite
- A half page B/W Advertisement in 6 issues of the GRC Bulletin
- Literature of choice included in delegate bags

Silver Level - \$7,500 (Unlimited)**SOLD: City of Reno**

Benefits:

- Proportional logo on event guides
- Logo on entry welcome sign, GRC/GEA websites, slide show onsite
- A quarter page B/W Advertisement in 6 issues of the GRC Bulletin
- Literature of choice included in delegate bags

Breaks

Afternoon Coffee and Sweets, Monday - \$5,000 (Exclusive)

SOLD: The Shaw Group

Benefits:

- Signage on buffet tables
- Recognition on signage within Expo Hall
- Proportional logo on event guides
- Recognition on GEA website

Morning Coffee, Tuesday - \$2,500 (Exclusive)

Benefits:

- Signage on buffet tables
- Recognition on signage within Expo Hall
- Proportional logo on event guides
- Recognition on GEA website

Afternoon Coffee and Sweets, Tuesday - \$5,000

Benefits:

- Signage on buffet tables
- Recognition on signage within Expo Hall
- Proportional logo on event guides
- Recognition on GEA website

Morning Coffee, Wednesday - \$2,500

Benefits:

- Signage on buffet tables
- Recognition on signage within Expo Hall
- Proportional logo on event guides
- Recognition on GEA website

Variety Items

Neck Wallets - \$10,000 (Exclusive)

SOLD: Calpine Corporation

Benefits:

- One color sponsor logo placement on 2010 neck wallets to be worn by all attendees
- Proportional logo on event guides
- Recognition on GEA/GRC site
- Recognition on signage on Expo Hall

Annual Meeting and Expo Delegate Bags - \$15,000 (Exclusive)

Benefits:

- One color sponsor logo placement on bags to be given out to all of the 2010 attendees
- Proportional logo on event guides
- Recognition on GEA/GRC site
- Company literature inserted into attendee bags
- Recognition on signage in Expo Hall

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

XVII Congress of the Mexican Geothermal Association, Morelia, Mich., Mexico (October 15)

Mexican Geothermal Association (AGM: Asociación Geotérmica Mexicana)

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

Caribbean Renewable Energy Forum, the Bahamas (October 13–15)

To view the latest agenda please follow this link: www.caribbeanenergyforum.com/agenda.php. To qualify for a 15% early bird discount on the registration fee, please register by July 16th. To register please follow this link:

www.caribbeanenergyforum.com/attend.php?sub=register.

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

Australian Geothermal Energy Association

<http://www.ausgeothermal.com/>

GeoPower Europe, European Geothermal Energy Council, Paris, France (December 8–9)

For the current agenda and to register, visit

<http://www2.greenpowerconferences.co.uk/EF/?sSubSystem=Prospectus&sEventCode=GE1012FR&sSessionID=8ae2803966ed82ae2265bfed68f83b92-1060598>.

POWER-Gen International, Orlando, FL (December 14–16)

<http://www.power-gen.com/index.html>

Renewable Energy World North America 2011, Tampa, FL (March 8–10, 2011)

<http://www.renewableenergyworld-events.com/index.html>

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

<http://smu.edu/geothermal/>

GEOTHERMAL ENERGY WEEKLY

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

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