

Geothermal Energy Weekly

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Geothermal Energy Association

~formerly the GEA Weekly Update~

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March 15, 2010

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



National News

Reid, Ensign Announce Reallotment of Geothermal Royalties for Nevada Counties

Nevada Senators Harry Reid and John Ensign this week announced the Senate had adopted their amendment to ensure counties receive royalties from geothermal energy development. The amendment was adopted by the Senate as part of pending tax legislation.

Their amendment, S.AMDT.3417, amended H.R.4213 and was passed by the Senate by unanimous consent. Under their amendment the sharing of federal geothermal royalties returns to the formula established in the 2005 Energy Act. Under that law, 50% of geothermal royalties go to the state, 25% to counties, and 25% to the federal government. Churchill County alone is expected to see \$4m a year restored to meet its annual budget needs. Sponsored by Sen Harry Reid (NV), the amendment was proposed on March 4, and was cosponsored by Senators Ensign (NV), Feinstein (CA), Hatch (UT), Crapo (ID), and Boxer (CA).

"I thank my Senate colleagues for ensuring Nevada's counties get their fair share of geothermal revenues," Reid told press. "As Nevada's economy continues to recover from the recession, it is important that our rural counties can access every source of revenue, especially those generated from the energy developed within their borders. As we begin our work on next year's budget, I will oppose any new efforts to cut Nevada counties out of the geothermal revenue picture."

"Today is a big win for our state," said Ensign. "The economy across our state has been truly hurting and the loss of geothermal royalties last year has cost counties in Nevada to lose out on hundreds of thousands of dollars. Our legislation will ensure that our state and counties receive their cut of geothermal royalties and will ensure that the economy in our state will not be forced to take another hit when it comes to monetary and job losses that stem from losing out on geothermal royalties."

H.R. 4213 now returns to the House of Representatives for further consideration, but when the House would take action on HR. 4213 was not clear as of the date of this publication. In the House, Representative Mike Thompson (D- CA) has sponsored legislation similar to the Senate amendment, H.R. 4060. Representatives Bishop (UT), Chaffetz (UT), Filner (CA), Heller (NV), Lummis (WY), McKeon (CA), Minnick (ID), Rehberg (MT), and Simpson (UT) have all joined as co-sponsors of Thompson's legislation.

GEA published a report in December of 2008 which examined the use and distribution of revenues under the 2005 Energy Act formula. That report, *Geothermal Revenue Under the Energy Policy Act of 2005: Income Distribution at Federal, State, and County Levels*, is available from the GEA website at: <http://www.geo-energy.org/reports.aspx>.

See also http://www.reid.senate.gov/newsroom/pr_030910_geothermalemenduc.cfm and <http://www.lasvegassun.com/news/2010/mar/09/senate-amends-bill-restore-geothermal-money-counti/>.

Energy Secretary Chu Defends Stimulus Grants for Renewable Energy Projects

Federal stimulus grants for renewable energy projects should not be blocked, according to Energy Secretary Steven Chu, appearing at The Wall Street Journal Eco:Nomics conference on March 5. A group of Democratic senators have proposed legislation to block funds for projects with foreign-made products.

"There are unintended consequences by just coming out and saying, Buy American," Dr. Chu said. "I do not want a moratorium. We have 9-10% unemployment. You do not want to stop these projects if 2/3 [of the hardware] is American and 1/3 is foreign."

Sen. Charles Schumer's office said in a statement, "The point of the stimulus was to create jobs in America, and to turn down this opportunity to strengthen domestic manufacturing of wind turbines, solar panels and other clean-energy technology defies common sense,"

See

http://online.wsj.com/article/SB10001424052748703915204575103983615395858.html?mod=googlenews_wsj.

Apollo Alliance Reports on Clean Energy Jobs, Funding

The Apollo Alliance released a report estimating 70% of components for clean-energy equipment are foreign-made, according to targetednews.com. The report stated this could cost the U.S. 100,000 jobs by 2015. The report comes a week after Sen. Charles E. Schumer (N.Y.) and three other Democrats called for a halt in distribution of federal stimulus program money that could bring many renewable power projects in the U.S. to a halt

Energy Secretary Steven Chu recently stated that many renewable-energy companies were first developed in European and Asian countries but that recent stimulus incentives have encouraged these companies to enter U.S. development. Suspending the program would be counterproductive, according to Chu.

"The 48C credits are likely leading these companies to pay more attention to U.S. production," the report noted, but suggested U.S. activities were meant to hide foreign-based activity.

Matt Rogers, the Department of Energy's Recovery Act coordinator, testified before the Senate Energy and Natural Resources Committee last week that \$10 billion in foreign investment has come to the United States as a result of the 48C manufacturing tax credit and the sec. 1603 tax-grant program, and that foreign investment should be encouraged.

The report is available at <http://apolloalliance.org/wp-content/uploads/2010/03/wtr3-2010final.pdf>.



Company News

Enel North America and ViaLogy: Companies Contract to Characterize and De-Risk Geothermal Prospects

Press Release, March 10 — ViaLogy (LSE:VIY) announces signing of a contract with Enel North America, a subsidiary of Enel Green Power, the Enel Group company operating renewable energy sources in 14 countries, including the US. Enel Green Power is one of the world's leading players in the renewables industry and a global leader in geothermal power generation. The Enel Group is Italy's largest power company and Europe's second listed utility by installed capacity.

Under its initial contract, ViaLogy will extend its QuantumRD sub-surface detection technology to seismic survey design, and the identification and location of appropriate geothermal drilling locations at an Enel North America site in Nevada.

Geothermal energy generation obliges commitment of very large capital resources, and a determining factor in the geothermal business equation is the inordinately high cost of exploration, drilling and extraction which entails significant risk. Geothermal well positioning requires robust detection and characterization of natural cracks and fractures in volcanic regions with extremely hard rock; accurate mapping of fractures and discontinuities forming pressurized traps; and mapping formations that can support drilling holes with large diameters in hard rock.

For more, see <http://www.prnewswire.com/news-releases/vialogy-signs-renewable-energy-contract-with-enel-north-america-to-characterize-and-de-risk-geothermal-prospects-87195487.html>.

GEA Executive Director to Speak in New York, Join Conservation Plan Discussions in California

Karl Gawell, Executive Director of GEA will be a featured speaker at the World Energy Technologies Summit 2010, March 18, in New York City. TIME Magazine and the World Technology Network have partnered to bring together leading experts in technology, science, business, policy, and more. The Summit will explore emerging energy technologies in relation to climate change, business, infrastructure, and the environment.

Moderators for the Summit include Michael Elliott, TIME magazine's International Editor; Bryan Walsh, TIME's "Going Green" Editor; and Bill Saporito, TIME's Global Business editor, along with James P. Clark, the WTN's founder/chairman. Confirmed speakers include Dan Reicher, Director of Climate Change and Energy (Google.org), Bjorn Lomborg, Director for the Copenhagen Consensus Center, Kevin Parker, Head of Asset Management (Deutsche Bank), Mindy Lubber, President CERES, Peter Goldmark, Director Climate and Air Program Environmental Defense Fund, Thomas R. Casten, Founder and Chairman, Recycled Energy Development, David Renne, President International Solar Energy Society, and Matthias Bichsel, Director Projects and Technology (Royal Dutch Shell). See <http://www.wtn.net/energysummit2010/>.

This month Gawell will also be participating in a California initiative, the California Desert Renewable Energy Conservation Plan planning process and stakeholder group, with the first meeting on March 23. This group is a California Natural Communities Conservation Plan (NCCP) process to developing mitigation and preservation plans available to developers to permitting processes for incidental take of endangered species and for clarity and certainty about mitigation and avoidance requirements. The intent is to aid permitting with the regulatory agencies through a single plan.

The California Desert Renewable Energy Conservation Plan (DRECP) is an implementation of Governor Schwarzenegger's Executive Order EO-S-14-08, which outlines targets for increasing California's renewable energy portfolio. See <http://www.energy.ca.gov/33by2020/documents/>.

Nevada Geothermal Power: Faulkner Power Plant Achieves New Output Record

Press Release, March 11 -- Nevada Geothermal Power Inc. (NGP) is pleased to announce that work to replace the damaged power cable systems at the Faulkner 1 plant has enabled all three turbine generator units to be placed into operation and for the Company to re-establish commercial power production. For the past five days, the Faulkner 1 geothermal plant has been producing at 34.5 MW (Net).

New deep injection capacity, resulting from the connection of well 55-15 into plant operations, has improved reservoir pressure support and enabled plant output to be increased accordingly. Output is expected to increase further as additional wells under development are brought on line.

"We believe we have the plant shut down and cable repairs well under control," said Brian Fairbank, President & CEO. "It has been a challenging time for the company, but we can now focus our attention on proceeding with our resource development work and our goal to increase plant output to 45 megawatts net."

For more, see http://www.marketwatch.com/story/nevada-geothermal-power-inc-faulkner-power-plant-achieves-new-output-record-2010-03-11?reflink=MW_news_stmp.

Ormat Technologies: Analyst & Investor Day to be Held in New York

Press Release, March 15, Reno — Ormat Technologies, Inc. (NYSE: ORA) today announced that it will be hosting an Analyst & Investor Day on Friday, April 9, 2010 in New York City.

Dita Bronicki, CEO, Yoram Bronicki, President and COO and other key members of Ormat's management team will host a series of presentations beginning at 8:30 a.m. EDT and concluding at approximately 2:00 p.m. A webcast of the presentation will be available live on the "Investor Relations" section of Ormat's Web site under "Webcasts & Presentations" at www.ormat.com. For those unable to view the live webcast, an archive of the presentation will also be available on Ormat's Web site.

Qualified investors who would like to register or learn more about the event should contact Marybeth Csaby or Rob Fink at KCSA Strategic Communications, (212) 896-1206.

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

Ormat Technologies: Hot Sulphur Springs II, LLC Acquisition Closes

Press Release, March 11, Reno, Nevada -- Ormat Technologies (NYSE: ORA), today announced that its wholly owned subsidiary, Ormat Nevada Inc., has completed its acquisition of membership interests in the Hot Sulphur Springs II LLC ("HSS"), which includes the Tuscarora project.

Dita Bronicki, Chief Executive Officer of Ormat Technologies, said, "The Tuscarora project has the potential to yield a sizable geothermal project, and will be developed in phases with the first phase being 16 MW. As we are beginning construction work on the project this year, we are able to take advantage of government funding options that support renewable energy projects."

As previously announced, the Tuscarora project is in an advanced stage of development. Ormat plans to construct and operate the project, which is expected to become operational in 2012. Up to 40 MW of electricity from the project has been contracted under a 20-year power purchase agreement with Nevada Power Company, a subsidiary of NV Energy, Inc. Terms of the power purchase agreement are pending customary regulatory approval. The Tuscarora project is located on approximately 9,800 acres of land in Elko County, Nevada.

For more, see <http://www.ormat.com/news.php?did=137&aid=2b4bb5f37654654212ba49a50a1267e9>

U.S. Geothermal: Announces \$8.6 Million Private Placement Financing

Press Release, March 9, Boise, Idaho - (NYSE Amex: HTM, TSX: GTH) U.S. Geothermal Inc. (the "Company") announced today that it has entered into a securities purchase agreement with several institutional investors, pursuant to which the Company has agreed to issue 8,209,519 shares of Common Stock at a price of \$1.05 per share for gross proceeds of approximately \$8.6 million (the "Private Placement"). Pursuant to the terms of the Private Placement, each Investor will also be issued a common share purchase warrant (a "Warrant") exercisable for 50% of the number of shares of Common Stock purchased by the investor. Each Warrant is exercisable at \$1.25 per share for a period of five years beginning six months after the closing of the private placement. After deducting for fees and expenses, the net proceeds are anticipated to total approximately \$8.0 million. The net proceeds of the offering will be used by the Company to further develop its Neal Hot Springs geothermal project and for general working capital purposes. Initiating a planned capital project for Raft River Unit I and a well drilling program for a planned future expansion at San Emidio may be subject to completion of future financing.

The Private Placement is subject to certain conditions including, but not limited to, the approval of the NYSE Amex and the Toronto Stock Exchange and is anticipated to close on or about March 12, 2010. The Company will be required to file a resale registration statement within 30 days of the closing date and will use its best efforts to cause the registration statement to be declared effective within 120 days of the closing date. The Private Placement pursuant to the securities purchase agreement is being made upon an exemption from the registration requirements of the Securities Act of 1933, as amended, pursuant to Section 4(2) thereof.

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



Renewable Energy and Climate Change

Sen. Rockefeller Introduces Legislation to Delay EPA Action for Two Years

From *EESI Climate Change News*: On March 3, Congressional lawmakers moved to place a two-year hold on potential federal regulation of carbon dioxide (CO₂) and other greenhouse gases. Legislation was introduced by Senator John D. Rockefeller IV (D-WV) which would prohibit the Environmental Protection Agency (EPA) from issuing any new rules on greenhouse gas (GHG) emissions from power plants and other major stationary sources for two years. A similar bill was introduced in the House by Reps. Alan Mollohan (D-WV), Nick Rahall II (D-WV) and Rick Boucher (D-V). Last week EPA Administrator Lisa Jackson wrote Sen. Rockefeller and seven other Democratic senators outlining her agency's timetable for GHG regulation. Limits on CO₂ pollution from vehicles would be issued this year while limits for large coal-burning power plants and industrial facilities would be phased in beginning in 2011, with no restrictions on smaller sources until 2016.

"This is a positive change and good progress," Rockefeller said, referring to EPA's timetable, "but I am concerned it may not be enough time. We must set this delay in stone and give Congress enough time to consider a comprehensive energy bill to develop the clean coal technologies we need." He added that decisions with such a broad impact on the nation's economy and energy future should be made by elected representatives, not bureaucrats. The EPA said it was studying the Rockefeller proposal and that it was important to note its difference from the measure introduced by Sen. Lisa Murkowski (R-AK) and several others that would ban any regulation of CO₂, including emissions from vehicles. "It is important to note that Senator Rockefeller's bill, unlike Senator Murkowski's resolution, does not attempt to overturn or deny the scientific fact that unchecked greenhouse gas pollution threatens the well-being of the American people," said Adora Andy, an EPA spokeswoman, "nor would it threaten the historic clean cars program announced by the Obama administration last year."

Brazil and U.S. Sign Memorandum of Understanding on Climate Change

Press Release, March 3 — Secretary of State Hillary Rodham Clinton and Brazilian Foreign Minister Celso Amorim today signed a "Memorandum of Understanding on Cooperation Regarding Climate Change" that will strengthen bilateral cooperation between the United States and Brazil as we work to meet the global climate and clean energy challenge.

This Memorandum of Understanding launches a new "Climate Change Policy Dialogue" to discuss key issues, including:

- * The implementation of the United Nations Framework Convention on Climate Change and ways to build on the Copenhagen Accord as quickly as possible;
- * Strategies for reducing greenhouse gas emissions;
- * Joint efforts on research, development, deployment and dissemination of clean energy technologies;
- * Adaptation;
- * Cooperation on climate change scientific research; and
- * Capacity-building in sectors related to climate change.

The Memorandum of Understanding will also promote increased cooperation in areas including reducing emissions from deforestation and forest degradation, capacity-building, and technology, while underscoring our commitment to the work already underway on renewable energy, energy efficiency, and carbon capture and storage.

See <http://www.state.gov/r/pa/prs/ps/2010/index.htm>.

EPA Report Shows U.S. Emissions Down 2.9% in 2008

The Environmental Protection Agency's draft report on 2008 U.S. greenhouse gas (GHG) emissions was released on March 9. These emissions decreased by 2.9% in 2008 compared to 2007, the report shows, and details association with decreases in carbon dioxide (CO₂) emissions associated with fuel and electricity consumption. Overall emissions have grown 13.6% from 1990 to 2008. Gases included in the study were CO₂, methane, nitrous oxide, hydroflourocarbons, perflourocarbons, and sulfur hexafluoride. After a 30-day comment period the report will be submitted to the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC), fulfilling the United States' obligations under the 1992 UNFCCC treaty.

See *EPA Press Release*,
<http://yosemite.epa.gov/opa/admpress.nsf/0/6296b2bbbd92be43852576e10058bd53?OpenDocument>.

Meryl Streep Explains Her New Geothermal Heating System

In an interview with Wendy Gordon at NRDC's Simple Steps, Meryl Streep talks about environmental awareness and her own efforts in leading green activists. Among her avenues of involvement is her understanding and promotion of the new geothermal heating system in her home.

"I now live in an apartment in the city," Streep said. "But we still have a house in Connecticut, which we've had for 23 years, and lived in full time while raising our kids. We just put in a geothermal heating system up there, which is fantastic. In a nutshell, we have a pond, and the [geothermal piping] goes into the part of the pond that is deep

enough it is not freezing, and it takes water from that deep part and brings it up to where it is freezing, and the differential is what creates energy and pumps it into the house. It's an amazing thing. We have supplemental propane to get it going because we keep the temperature very very low when we are not there. And then when we come up there, the propane will kick it into a temperature that people are not complaining about...

"The house was not thoughtfully designed. It's up in the north and it was designed by a southern architect who really didn't understand how cold it gets. And so one whole side is glass and the other whole side, which is the eastern and southern side, is closed off. It's sort of reversed. But now we have the geothermal, it's really great. We don't pay for heat."

See <http://www.simplesteps.org/food/eating-well/catching-meryl-streep>.



State News

California: New Actions on RECs and RES

This week, the CPUC issued a new decision on tradable renewable energy credits: <http://docs.cpuc.ca.gov/PUBLISHED/GRAPHICS/114754.PDF> and the California Air Resources Board issued a Preliminary Draft Regulations on the Renewable Electricity Standard (RES): <http://www.arb.ca.gov/energy/res/draftreg.pdf>

There will be a California Air Resources Board public workshop on March 18th on the draft regulations for the RES. (GEA filed comments on the RES "concept outline" last fall — if you're like to see a copy, email karl@geo-energy.org). For more information on the workshop, go to: <http://www.arb.ca.gov/energy/res/meetings/meetings.htm>

California: Green Path North Transmission Project Terminated

The Los Angeles Department of Water and Power announced it will not build a green power transmission line through in the San Bernardino Mountains. The Green Path North power line project was controversial due to the pristine nature of the wildlife preserves it would have crossed. Green Path North would have carried electricity from geothermal, wind, and solar power sources 80 miles from Imperial County to Los Angeles.

DWP director of environmental affairs Mark Sedlacek said David Freeman, the agency's interim general manager, would recommend the proposal by Sen. Dianne Feinstein, D-Calif., to establish a 134,000-acre Sand to Snow National Monument.

The department is reevaluating renewable energy sources throughout Southern California as part of its plan to increase renewable power supply to the city. Los Angeles aims to get 40% of its energy from renewable sources by 2020, while California's goal is 33% by 2020.

See <http://www.mydesert.com/apps/pbcs.dll/article?AID=/201003110300/NEWS07/3110355> and <http://www.reuters.com/article/idUSN1124539720100311?type=marketsNews>.

Pennsylvania: Oil Museum Drilling Geothermal Wells

Titusville, the Pennsylvania town credited with the first successful oil well (drilled in 1859 by Edwin Drake) is now host to 30 geothermal wells being drilled at the Drake Well Museum.

The 400-foot deep wells, part of a capitol improvement project to renovate the museum, will supply water to heat the site. the wells will reduce the museum's utility costs, site administrator Barbara Zolli told press.

See <http://www.wfmj.com/global/story.asp?s=12129510>.

Utah: Tesla Corporation to Use Geothermal Application for MYT Engine

Geothermal energy harnessing is one of the potential applications of the MYT Engine, purporting to exceed existing pumps/compressors in providing massive pressure, volume, and flow all in one unit, according to examiner.com. The Tesla Corporation, LLC will be using the MYT Engine, invented by Raphial Morgado, on their

land in Southern Utah. According to the article, a small well is drilled and capped an awaiting Morgado's 14-inch motor to plug into the well.

"As a company we are dedicated to finding new and innovative energy solutions that are economical and efficient. We are excited to work with Angel Labs in implementing their new technology for our geothermal resource. The numbers from the dynamometer data that we analyzed are very promising for this application. This could be really big. We're honored to be serving as pioneers for introducing what could be a real boon to the geothermal power industry," Tesla Corporation president Corey Robinson told press.

See <http://www.examiner.com/x-8199-Breakthrough-Energy-Examiner~y2010m3d11-Angel-Labs-eyes-geothermal-for-MYT-Engine-application?cid=email-this-article>.



International News

Nicaragua: ThermaSource, Ram Power, and Polaris Energy Sign San Jacinto-Tizate Drilling Contract

Press Release, March 9 -- ThermaSource, Inc and Ram Power, Corp. (TSX: RGP) ("Ram Power"), through its subsidiary Polaris Energy Nicaragua S.A. ("PENSA"), are pleased to announce the signing of a drilling contract for the geothermal development of the San Jacinto-Tizate Project in Nicaragua. ThermaSource was awarded the drilling contract from PENSA following a competitive bidding process involving geothermal drilling companies from around the world.

San Jacinto-Tizate Project

The goal with this contract is to drill six wells, both injection and production, to roughly 2,500 meter depths to support the expansion of the current power generation plant. With 56 MW drilled and available at the production well heads, and the two most recently drilled production wells tested at 16 MW and 22.8 MW respectively, PENSA is expecting to drill only two additional production wells to reach the full 72 MW net capacity.

Louis Capuano, Jr., Chief Executive Officer of ThermaSource, Inc., said "We are excited to be a part of the expansion of geothermal power in Nicaragua and look forward to working with Ram Power and PENSA on a successful drilling project.

Stuart Johnson, Vice President Geothermal Resources for Ram Power, said "The drilling contract represents a major milestone in the completion of the San Jacinto-Tizate expansion and we are looking forward to the working relationship with ThermaSource. We believe that Nicaragua is quickly becoming one of the leading Central American countries developing geothermal power."

For more, see <http://www.thermasource.com/press/>.

Spain: Petratherm, Enel Sign for Madrid Geothermal District Heating

Madrid will soon see development of an 8-MW Madrid Geothermal District Heating project, following the signing of an agreement between Australian geothermal company Petratherm and partner Enel Green Power with the Madrid and Spanish governments.

The geothermal heating project is one of six renewable energy projects highlighted within the Madrid Regional Government's Renewable Energy Cluster, wherein it seeks to advance renewable energy projects in the region. See

<http://www.powergenworldwide.com/index/display/articledisplay/3933373816/articles/powergenworldwide/distributed-generation/onsite-renewables/2010/03/geothermal-district.html>.

United Arab Emirates: Drilling Begins on Middle East's First Geothermal Energy Project

Masdar, with Australian company Ensign, has begun drilling on two wells for the first geothermal energy project in the Middle East. One well will be 2,800 m and the other 4,500 m. There could be more wells to follow. Masdar plans to produce 5 MW of power for its air conditioning systems at the Masdar city.

See

http://www.powergenworldwide.com/index/display/articledisplay/2342113333/articles/powergenworldwide/renewables/geothermal/2010/03/masdar-commences_drilling.html.



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



Notices

New This Week

DOE Geothermal Technologies Database Available On-Line

The Geothermal Technologies Program's (GTP) projects database details various GTP-funded projects throughout the United States. You can search this database by keyword, state, project title, technology, awardee, partner, Funding Opportunity Announcement (FOA) number, or funding source. For each project you will find a profile that includes background information, objectives and milestones, and a listing of participants.

See <http://apps1.eere.energy.gov/geothermal/projects/>.

Notices

NREL Announces New Poll on Renewable Energy Finance

The National Renewable Energy Lab (NREL) recently announced the availability of its new quarterly poll on RE Finance. The project, the RE Project Finance Tracking Initiative (REFTI) is designed to assess trends and barriers in project finance, the effectiveness of government incentive programs, and best practices in RE project finance. Access to good data is critical to thorough analysis and policymaking. Please help by participating in NREL's questionnaire. Any questions or concerns regarding the poll or data confidentiality can be directed to Michael Mendelsohn, Senior Financial Analyst at NREL.

Application Deadline Extended for Commerce Clean Energy Mission to China and Indonesia (March 12)

The application deadline for participating in the Secretary of Commerce led clean energy mission to Indonesia has been extended to Friday, March 12, 2010 due to the recent weather delays in Washington. Application requests can be made at:

<http://www.trade.gov/cleanenergymission/forms/tmform.asp>.

From Commerce: U.S. Commerce Secretary Gary Locke will lead President Obama's first cabinet-level trade mission to China and Indonesia. These countries' focus on renewable energy, energy efficiency, and improved electricity infrastructure creates tremendous opportunities for U.S. companies. This business development mission will promote exports of leading U.S. green technologies to these potentially lucrative markets.

Dates: May 16–21, 2010 (China); May 23–25, 2010 (Indonesia)

Companies may apply to participate in either or both missions.

Sectors: Clean Energy Industries

Deadline: March 12, 2010

Cost: See Web site for details

Questions? CleanEnergyMission@doc.gov or (202) 482-1360

www.trade.gov/cleanenergymission

DOE Loans Programs Office Offers Email Updates

From the DOE Loans Programs Office: The U.S. Department of Energy's Loan Programs Office invites you to sign up for our email list. On a periodic basis, we will forward program updates including announcements of solicitations, conditional commitments of loan guarantee and closings, and upcoming events in our web-based seminar series. You will find the subscription form on-line at: www.usaenergyadvisors.com/DOE/doe-newsletter-signup.htm

Please feel free to contact DOE's Loan Program Help Desk at doehelpdesk@usaea-connect.com, or 614-324-5940. Or visit DOE's Loan Program on-line at: www.lgprogram.energy.gov for additional information about the Loan Program. Our mailing list is secure and is not distributed or disclosed in any way.

Colorado ARRA Grant Schedule Posted, Governor's Energy Office

The Governor's Energy Office (GEO) has posted a schedule of anticipated American Reinvestment and Recovery (ARRA) grants to begin in January of 2010. The GEO plans to hold a webinar for each grant solicitation approximately one week after the official posting date. Note: the timeline is subject to change; grants may be pushed back to later dates, but will not open earlier. The schedule is available at <http://www.colorado.gov/energy/index.php?/resources/category/funding-opportunities/>.



Employment

Added This Week

Jobs Available at Idaho International Laboratory

In operation since 1949, the INL is a science-based, applied engineering national laboratory dedicated to supporting the U.S. Department of Energy's mission in nuclear energy research, science, and national defense. With 3,500 scientists, researchers and support staff, the laboratory works with national and international governments, universities and industry partners to discover new science and develop technologies that underpin the nation's nuclear and renewable energy, national security and environmental missions.

The INL is located in Idaho Falls. www.visitidahofalls.com Idaho, www.visitidaho.org.

To learn about the INL History and strategic plan: www.inl.gov

To view current career openings with the INL: www.inl.gov/careers/index.shtml

Contact Vanessa E. Van Dyk
Technical Recruiter – Energy & Environment
Idaho National Laboratory
2525 Fremont Avenue, Idaho Falls, ID 83415-3790
Phone 202-526-6325 Fax 208-526-1880
Email Vanessa.vandyk@inl.gov

Employment Opportunities

Project Manager

Job Title: 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
(216) 539-7668

Development Engineer

Job Title: 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
(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

Senior Director, Business Development, Major Geothermal Company

The Senior Director, Business Development is responsible for overseeing the Business Development function in North America for geothermal market. This role could quickly grow into a VP role and will oversee a sales team currently consisting of 8 sales reps and will grow it by 50%.

Essential Functions:

- Direct and execute the business development strategy to achieve company goals and objectives.
- Identify and develop key strategic partnerships, both internally and externally.
- Responsible for negotiating PPAs and contract changes.
- Evaluate and analyze market expansion opportunities
- Build and lead a business development team that will assist the company towards completion of company goals
- Build relationships with internal departments so that all areas of the company are ready to execute when necessary.

Education, Experience, and Skills Required:

- Bachelor degree in engineering and MBA
 - 10–15 years experience in Sales, Marketing, Business Development or Operations roles (preferably a mix of sales and operations in energy industry)
 - Willingness to travel up to 60% nationally and internationally
 - Ability to negotiate contracts with potential business affiliates
 - Experience in the renewable energy field a strong plus
-
- Proven track record maintaining confidentiality and dealing with company proprietary information

Contact: Paige Carratturo, Executive Recruiter

Richard Wayne & Roberts

877-236-0899 (direct)

206-855-9746 (fax)

paige@rwr.com

<http://www.linkedin.com/in/paigecarratturo>

Geothermal Project Supervisor, Central American Bank for Economic Integration, Costa Rica

The Central American Bank for Economic Integration (Banco Centroamericano de Integracion Economica, BCIE) is looking for an expert in geothermal energy to supervise a project in Costa Rica. It is called Las Pailas and it is financed through BCIE.

Contact: Ana Karina Rubi de Reyes, Oficial de Consultorias, BCIE-Tegucigalpa, Honduras

Tel. +504-240-2243, Ext. 5214

Fax. +504-240-2228

Visit the BCIE Web site, www.bcie.org - www.cabei.org



Requests for Proposals

RFP Announcements

Seeking Investor, Geothermal Project, Oregon

"Oregon investment group performing feasibility work at SE Oregon location is seeking one additional early round investor, knowledgeable in geothermal energy exploration preferred, but not required. Project has secure land block, initial financing, and access to extensive historical database of target site. If interested, contact Peter Hall at Pueblo Valley Geothermal (pbh@bendbroadband.com) for additional details".

Geothermal Energy Development, Department of the Navy

Department of the Navy Naval Air Systems Command Naval Air Warfare Center Weapons Division Dept. 3a Recovery Act - The purpose of this Broad Agency Announcement (BAA) is to solicit proposals for investigations of geological properties associated with active geothermal systems within select regions of Naval Air Station (NAS) Fallon, NV; Naval Air Facility (NAF) El Centro, CA; Chocolate Mountains Gunnery Range (Chocolate Mountains), CA; and Hill Air Force Base (AFB), UT. The object is to perform geological investigations that could potentially lead to the discovery of a geothermal resource. This notice constitutes a BAA as contemplated in FAR 6.102(d)(2). A formal Request for Proposal (RFP)/Solicitation will not be issued. The Naval Air Weapons Division (NAWCWD) will not issue paper copies of this BAA. NAWCWD reserves the right to select for award, all, some, or none of the Proposals in response to this BAA. NAWCWD reserves the right to fund all, some, or none of the Proposals received under this BAA. NAWCWD provides no funding for direct reimbursement of proposal development costs. Technical and Cost Proposal (or any other material) submitted in response to this BAA will not be returned. It is the policy of NAWCWD to treat all Proposals as competition sensitive Bid and Proposal Information and to disclose their contents only for the purpose of evaluation. Awards will be to United States (U.S) companies only. All contracts resulting from this announcement are subject to the federal Acquisition Regulation and the Department of Defense Federal Acquisition Regulation Supplement. SEE ENCLOSED ATTACHMENT FOR SPECIFIC INFORMATION AND FORMATTING THAT MUST BE FOLLOWED WHEN PREPARING PROPOSALS FOR THIS CONTRACTING EFFORT. This enclosure calls out another document "Genetic Occurrence Models for Geothermal Prospecting, N68936-04-C-0057", which is attachment 2 to this notice. Place of Performance (if applicable): Naval Air Station (NAS) Fallon, NV; Naval Air Facility (NAF) El Centro, CA; Chocolate Mountains Gunnery Range (Chocolate Mountains), CA; and Hill Air Force Base (AFB), UT.

See <http://www.tradingmarkets.com/site/news/Stock%20News/2650824/>.

Greenhouse Gas Mitigation, Indonesia (March 30 and 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)

Technology Solutions, 2010 Tech Awards Nominations (March 31, 2010)

Nominations are invited for the 2010 Tech Awards. This program awards individuals, organizations, and companies from around the world that are utilizing innovative technology solutions to address issues pertaining to health, education, the environment, economic development, and equality. Individual awards \$50K each. Responses due 3/31/10. For more info, go to: <http://techawards.thetech.org/>. (Foundation Center RFP Bulletin 11/6/09)

Emerging Frontiers in Research and Innovation (March 31, 2010)

The National Science Foundation requests proposals for Emerging Frontiers in Research and Innovation. Through this new funding opportunity, the NSF seeks proposals from interdisciplinary teams of researchers, with transformative ideas that represent an opportunity for a significant shift in fundamental engineering knowledge with a strong potential for long term impact on national needs or a grand challenge. Areas of interest include: 1) Renewable Energy Storage, and 2) Science in Energy and Environmental Design (SEED): Engineering Sustainable Buildings. This solicitation is in coordination with the U.S. Department of Energy and the U.S. Environmental Protection Agency. \$29 million expected to be available, up to 14 awards anticipated. Letters of Intent due 10/9/09, preliminary proposals due 11/13/09, final proposals due 3/31/10. For more info, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf09606. Refer to Sol# 09-606. (Grants.gov 8/13/09)

RFP for Smart Grid Investments, DOE, American Recovery and Reinvestment Act (March 31, 2010)

The U.S. Department of Energy announces its intent to request proposals for the Smart Grid Investment Grant Program. Through this program, DOE seeks to stimulate the rapid deployment and integration of advanced digital technology that is needed to modernize the nation's electric delivery network for enhanced operational intelligence and connectivity. The program will support projects that promote deployment, including development of component technologies. Individual award range anticipated to be \$500K to \$5 million. The RFP will open on or about 6/17/09. Three due dates anticipated: 7/29/09, 12/2/09, and 3/31/10. For more info, contact Donna Williams at Smart-Grid.NOIComments@hq.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/39C0D96768F2083F8525759A0068F216?OpenDocument>
<http://www07.grants.gov/search/search.do?jsessionid=9x3VJydGP2fWHPRK9mfnphLqsWpm1TQmDJTzS6XLDp1QJKpb2SM!-1267850137?oppld=46833&flag2006=false&mode=VIEW>. Refer to Sol# DE-FOA-0000058. (Grants.gov 4/16/09)

Renewables, Efficiency and Water Conservation – Worldwide (TBA April 5)

The U.S. Navy announces its intent to request proposals for Renewable Energy Technologies - Energy and Water Conservation Services for Navy Facilities. This work is intended to promote the use of renewable energy technologies, acquire energy and water conservation services, reduce energy and water consumption and/or associated utility costs, and reduce energy and water-related operations and maintenance costs, as specified in each task order issued against the contract. The work will be performed at DOD facilities globally. DOD anticipates release of the RFP on 4/5/10. For more info, contact Dyanne Van Der Kamp at dyanne.vanderkamp@navy.mil or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=5366f2e24697c02cbe9b7eae834546a2&tab=core&_cvview=0. Refer to Sol# N6258310R0333. (FBO 1/22/10)

Global Climate Change Education, NASA (April 28)

The National Aeronautics and Space Administration (NASA) requests proposals for Global Climate Change Education: Research Experiences, Modeling and Data. Areas of interest include: 1) Global Climate Change Science Research Experiences for Undergraduate or Community College Students and Pre- or In-Service Teachers including those in nontraditional teacher licensure programs, and 2) Using NASA Earth system data, interactive models and/or simulations to Strengthen Teaching and Learning about Global Climate Change. \$8 million expected to be available, up to 25 awards anticipated. Notice of Intent is requested but not required and is due 3/18/10, final proposals due 4/28/10. For more info, contact Tamra Ross at tkross@nasaprs.com or go to: <http://nspires.nasaprs.com/>. Refer to Sol# NNL10ZB1011C. (Grants.gov 2/18/10)

Industrial Technologies Technical Assistance, DOE (May 6)

The U.S. Department of Energy requests proposals for Industrial Technologies Program Superior Energy Performance Program Administrator Technical Assistance. Through this RFP, DOE seeks to fund an administrator and technical assistance provider for the new American National Standards Institute- accredited Superior Energy Performance industrial plant/facility certification program (SEP-PA). The purpose of SEP is to serve as a roadmap for achieving continual improvement of energy efficiency at industrial facilities. Up to \$5 million expected to be available, 1 award anticipated. Responses due 5/6/10. For more info, contact Michael

Buck at michael.buck@go.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000246&agency=DOE>. Refer to Sol# DE-FOA-0000246. (Grants.gov 2/24/10)

Climate Change Education, NSF (May 24)

The National Science Foundation requests proposals for the Climate Change Education Partnership Program. This program seeks to establish a coordinated national network of regionally or thematically based partnerships devoted to increasing the adoption of effective, high quality educational programs and resources related to the science of climate change and its impacts. \$10 million expected to be available, up to 15 awards anticipated. Letters of Intent due 4/23/10, final proposals due 5/24/10. For more info, contact Karen Oates at koates@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf10542. Refer to Sol# 10-542. (Grants.gov 2/24/10)

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&opId=50515>. Refer to Sol# APS10-005. (Grants.gov 12/7/09)

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 2/17/10)



Events

Happening This Week

Public Workshop for the Renewable Electricity Standard (March 18)

The California Air Resources Board is announcing a March 18, 2010 public workshop on the Renewable Electricity Standard.

Date: Thursday, March 18, 2010 Time: 9:00 a.m. – Noon

Location: Cal/EPA Building 1001 I Street, 2nd Floor Byron Sher Auditorium Sacramento, CA 95814
Directions: <http://www.calepa.ca.gov/EPABldg/location.htm>

The notice for the public workshop is available at: <http://www.arb.ca.gov/energy/res/meetings/meetings.htm>. For more information about the Air Resources Board's RES activities, please go to <http://www.arb.ca.gov/energy/res/res.htm>. If you have any questions, please contact Gary Collord at (916) 324-5548 or by email at gcollord@arb.ca.gov

World Energy Technologies Summit 2010, New York City (March 18)

Karl Gawell, Executive Director, GEA, featured speaker

Added This Week

Meeting of California Desert Renewable Energy Conservation Plan initiative (March 23)

Karl Gawell, Executive Director, GEA to participate

The Governor's Renewable Energy Policy Conference, Riverside, CA (March 24)

The Governor's Renewable Energy Policy Conference: Siting and Permitting Large-Scale Projects in the California Desert and Beyond

Date: March 24, 2010

Location: University of California, Riverside

The Governor's Renewable Energy Policy Conference: Siting and Permitting Large-Scale Projects in the California Desert and Beyond will consist of organized conversations on key issues related to large-scale renewable energy projects. Speakers and moderators will include local, state and federal government officials as well as prominent environmentalists, community representatives and renewable energy developers. *Registration is full, but request more information at <http://gov.ca.gov/home/energy-conference>.*

May 2010 Geothermal Lease Sale, BLM, Reno, NV (May 11)

The next geothermal lease sale is tentatively scheduled for May 11, 2010 at:

Bureau of Land Management

Nevada State Office

P.O. Box 12000 (1340 Financial Blvd.)

Reno, Nevada 89520-0006

See <http://www.blm.gov/nv/stJen.html> and

http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/geothermal0/ggeothermal_leasing.html.

Project Peer Review, DOE Geothermal Technologies Program (May 18–20)

The Geothermal Technologies Program (GTP) will be holding a project peer review May 18-20, 2010, in Crystal City, Virginia. Key investigators involved in geothermal research projects will make short presentations and discuss their research with a panel of peer reviewers. Recently completed, in progress, and new projects will all be represented. On May 18, prior to the review, DOE managers will discuss GTP's challenges, opportunities, and plans for the future in a half-day meeting.

The 2010 GTP Peer Review will be held at:

Hyatt Regency Crystal City

2799 Jefferson Davis Highway

Arlington, VA 22202

From http://www1.eere.energy.gov/geothermal/news_detail.html?news_id=15832.

13th Annual Congressional Renewable Energy + Efficiency EXPO + Forum (May 27)

Sustainable Energy Coalition
Cannon House Office Building — Caucus Room
Thursday, May 27, 2009

GEA Events**DATE CHANGE: CGEC California Geothermal Energy Summit, May 10, 2010 (Davis, CA)**

<http://cgec.ucdavis.edu/>
UC Davis Campus

Monday, May 10, 2010
8 am – 5 pm
Mondavi Center, UC Davis, Davis, California

The California Geothermal Energy Collaborative will be holding the 2010 California Geothermal Forum (formerly called the Summit) on May 10th as part of the UC Davis Energy Institute's UC Energy Week 2010.

The California Geothermal Forum will feature panels of recognized experts discussing:

- * The current status of new transmission infrastructure
- * The evolving California energy and environmental landscape - updates on draft California Air Resources Board (CARB) efforts, RPS and AB32/Green House Gas goals and what they mean for geothermal energy
- * Community-scale geothermal efforts - distributed generation, hybrid applications and incentives

Over the last two years numerous changes have affected how California views and uses energy. Attendees will have an opportunity to hear about the current direction of technology, regulations and incentives that affect the use of geothermal energy. Leaders from the regulatory, industrial, utility, R&D and county/city/community arenas will discuss their perspectives regarding this dynamic and challenging time for the use of geothermal energy in the state.

A Monday evening reception from 5–7 p.m. will be a free event at the UC Davis Conference Center. It will provide an informal venue for participants from all areas of renewable energy to meet and discuss topics of mutual interest.

GEA Global Geothermal Showcase and Forum, May 21, 2010 (Washington, DC)

GEA will be holding a one-day "Global Geothermal Showcase and Forum" in Washington, DC on Friday, May 21, 2010 at the Ronald Reagan Building and International Trade Center. The "Global Geothermal Showcase and Forum" will provide a showcase of current geothermal projects and policies in the U.S. and around the world.

The day's agenda will include presentations and panel discussions by U.S. and international government representatives on geothermal power as well as an overview of GEA's forthcoming International and U.S. Geothermal Industry Updates by GEA staff and others. Other topics to be covered include national and international policies to support geothermal development, the global potential for geothermal energy, and geothermal research and technology developments.

Registration opening soon. There will also be a limited space for tabletop displays for companies who wish to showcase their company and projects. Special thanks to our Gold Level Sponsor to date; Pratt & Whitney Power Systems.

Contact: Kathy@geo-energy.org

GEA Geothermal Energy Workshop, July 22, 2010 (Las Vegas, NV)

GEA is planning a Geothermal Energy and Utilities Workshop on July 22, 2010 in Las Vegas. This event will cater to the large number of utilities that are interested in geothermal energy. Registration opening in mid-April.

Contact: Kathy@geo-energy.org

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

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.

This year's 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

Register at <http://www.geothermalenergy2010.com/>.

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**Imperial Valley Renewable Energy Summit & Expo, March 16–18 (East Imperial Valley, CA)**

Geothermal. Wind. Solar. Biomass. 40,000 megawatts of opportunity. It's all here! With an abundance of renewable energy potential, the Imperial Valley will be the source of much of California's green energy. The 2010 Imperial Valley Renewable Energy Summit & Expo will feature industry experts covering a range of topics, a business exposition, networking reception and banquet. For more information, please visit www.ivedc.com or call (760)353-8332.

Imperial Valley Renewable Energy Summit & Expo, "Growing California's Green Economy"
March 16–18, 2010, Quechan Casino Resort, East Imperial Valley, CA

Oregon Geothermal Working Group Meeting, March 23 (Portland, OR)

Please save the date for the next Oregon Geothermal Working Group Meeting:

Date: Tuesday, March 23rd

Time: 8:30 AM - 2:30 PM, includes a lunch break on your own from 11:30 AM - 12:30 PM

Location: Portland State Office Building, 800 NE Oregon St, Portland

Agenda Focus: American Recovery and Reinvestment Act (ARRA) Projects in Oregon

More details and an agenda will be published closer to the date. If you would like to register early for the meeting, please e-mail Linda.Ross@state.or.us with your name and contact information.

Renewables Rendezvous, Power Engineers, March 23–24 (Boise, ID)

1st Annual Renewables Rendezvous, 23-24 March 2010, Boise, Idaho

From Power Engineers: Renewable energy is a hot topic right now, but we've been deep into it since 1987. If you are interested in renewable energy, join us at our Renewables Rendezvous this March for a two-day, technical conference. Whether it's resource, permitting, engineering or interconnection issues, do not miss your chance to learn from industry experts!

For conference topics, registration, and more go to www.powereng.com/news/events/event.aspx?id=549.

World Geothermal Congress, April 25–30 (Bali, Indonesia)

Press Release, March 2 — Some of the most innovative energy products will soon be on show in Bali for the World Geothermal Congress. The event will be held at the Bali International Convention Centre in Nusa Dua from April 25th to 30th, with delegates and experts from across the globe travelling to the island to exchange ideas and experiences. According to the Indonesian Geothermal Association (INAGA), nations such as China, Germany, Italy and the US will be represented at the event, with delegates from the World Bank and the European Union also in attendance. As well as panel discussions and seminars, the congress will feature an exhibition showcasing the latest in geothermal technology. To coincide with the event, INAGA is also hosting a special golf tournament on April 25th for delegates using accommodation in Bali. A program of field trips to sites of geothermal interest in Indonesia has also been arranged as part of the conference schedule.

Clean Energy and Business Development Mission, U.S. Department of Commerce, May 23–25 (Indonesia)

Secretary of Commerce Gary Locke will lead a business development trade mission to Indonesia in May focused on clean energy deployment. Interested companies and trade associations can apply at http://www.trade.gov/cleanenergymission/tg_main_002483.asp. The mission should be a great opportunity for the U.S. geothermal industry to further deploy technologies in Indonesia. Contact Ryan Mulholland at Ryan.Mulholland@trade.gov or (202) 482-4693 or email CleanEnergyMission@doc.gov.

Geothermal Energy Weekly

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