



GEOTHERMAL ENERGY ASSOCIATION

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GEA Weekly Update October 2, 2008

*Please note, we will not be putting out an issue of the GEA Weekly Update next week, the week of October 6, as we will be in Reno for the 2008 Geothermal Energy Conference and Expo. Hope to see you there! You can check for updates from the event at <http://geo-energy.blogspot.com>.

National News.....	2
Senate Passes Bailout Plan Including Tax Extensions; House May Vote on Friday.....	2
USGS Releases First Geothermal Resource Estimate in Over 30 Years.....	3
Company News.....	4
Glitnir: Government of Iceland Acquires 75% Share.....	4
Renewable and Climate Change News.....	4
RGGI Holds First U.S. Carbon Auction.....	4
Western Climate Initiative Outlines Plan for GHG Reduction.....	5
Domestic U.S. Energy Production More Than 10% Renewable Energy.....	5
Article Highlights U.S. Geothermal Production and Recent Developments.....	5
State News.....	6
Alaska: Potential "World Leader in Geothermal," Says Iceland's President.....	6
California: Schwarzenegger Signs Renewable Energy Legislation.....	6
Utah: LotusWorks and Shoshone Tribe Begin Geothermal Development.....	6
International News.....	7
Nevis: Geothermal Steam Pictured on New 25th Anniversary Postal Stamp.....	7
Philippines: EDC Says Mt. Kanlaon Development to Surpass Past Success.....	7
Notices and Employment Opportunities.....	7
Ted Mock, Geothermal Expert, Passes at age 82.....	7
Employment: Research Associate II, SMU Geothermal Laboratory.....	8
Employment: Renewable Energy Employment Opportunities, Ram Power, Inc.....	8
Employment: Geothermal Engineering Analyst, National Renewable Energy Laboratory.....	8
Employment: Senior Geologist, VP Exploration, Sierra Geothermal.....	9
Employment: Vice President of Business Development, Ormat Technologies.....	9
Employment: Sales Manager, Ormat Technologies.....	10
Employment: Engineer V, Geothermal Experience Preferred, Northern California Power Agency.....	10
Employment: Engineering Manager, Western GeoPower, Inc.....	11
Requests for Proposals (RFPs).....	11
Request for Renewables, Oklahoma (October 7).....	11
RFP for Renewable Energy Resources, Public Service Company of New Mexico (October 15).....	11
RFP for Industrial Energy Efficiency Programs, U.S. DOE (October 16).....	11
RFP for Global Climate Change Modeling and Early Career Projects, U.S. EPA (October 21).....	12
RFP for Global Climate Change Education, NASA (October 24).....	12
RFP for Transit GHG Strategies, U.S. Department of Transportation (November 3).....	12
RFP for Small Business Innovation Research and Small Business Technology Transfer, DOE (November 20).....	13
RFP for Environmental Info Exchange, U.S. EPA (November 21).....	13
Request for Renewable Energy, Massachusetts (December 1).....	13

RFP for Climate Change and Sustainability Conferences, EPA (December 9).....	13
RFP for Environmental Fellowships for Undergraduate, U.S. EPA (December 11)	14
RFP for Student Design Competition for Sustainability, U.S. EPA (December 23).....	14
RFP for Energy Efficiency, Renewable Energy, and Transmission Technologies, DOE (December 31) 14	
RFP for Small Business Technology Transfer, National Science Foundation (February 25).....	15
Upcoming Events	15
Featured Event: GEA Geothermal Issues and Outlook Workshop, October 4 (Reno, NV).....	15
Featured Event: GRC Workshop, Introduction to Geothermal Energy, October 4 (Reno, NV).....	17
Featured Event: GEA Annual Members Meeting, October 5 (Reno, NV).....	17
Featured Event: Geothermal Energy 2008 Conference and Expo (<i>formerly GEA Trade Show and GRC Annual Meetings</i>), October 5–8 (Reno, NV).....	17
Fast Tracking Energy Projects on Federal Lands, October 7 (Reno, NV).....	18
NZ Geothermal Workshop & NZGA Seminar 2008, November 11–13 (Taupo, New Zealand).....	19
XVI Annual Congress of the Mexican Geothermal Association, November 14 (Morelia, Mexico).....	19
Geothermal Finance & Investment Summit, November 17–19 (Palm Springs, CA).....	19
Utah Geothermal Lease Sale, BLM, November 18	20
2nd African Rift Geothermal Conference, November 25–29 (Entebbe, Uganda).....	20
Featured Event: Renewable Energy World Conference and Expo North America 2009, March 10–12, 2009 (Las Vegas, NV)	20
Canadian Geothermal Energy Association Conference and AGM, April 16–17, 2009, (Vancouver, B.C.)	21

National News

Senate Passes Bailout Plan Including Tax Extensions; House May Vote on Friday

The Senate passed the \$700 billion economic bailout plan in a Wednesday October 1 vote, 74 to 25 in favor of the bill. Changes from the earlier rejected bill were the inclusion of tax extenders, a temporary increase in the amount of bank deposits covered by the Federal Deposit Insurance Corporation, and legislation requiring insurers to treat mental health conditions more like general health problems, according to the New York Times.

“The inclusion of parity, tax extenders, and the F.D.I.C. increases has caused me to reconsider my position,” said Representative Jim Ramstad. “All three additions have greatly improved the bill.”

“Supporting this legislation is the only way to make the best of a crisis and return our country to a path of economic stability, prosperity and growth,” said Senator Harry Reid of Nevada as he strongly urged his colleagues to approve the plan.

President Bush issued a statement applauding the Senate for its vote. He urged the House to follow. John McCain did not remark. Barack Obama said the bailout plan was regrettable but necessary and referred to the stock market drop after the House vote. “While that decline was devastating, the consequences of the credit crisis that caused it will be even worse if we do not act now,” he said in his speech.

On September 29, the National Hydropower Association, Geothermal Energy Association, Solar Energy Industries Association, and American Wind Energy Association had issued a joint statement asking Congress not to leave until the tax extender legislation was complete. “As the CEOs of the nation’s leading renewable energy trade associations, we respectfully urge House and Senate leaders to remain in Washington until there is a successful resolution of the current impasse between the House and Senate on tax extenders legislation,” the statement reads. “Since the fate of any new House or Senate-passed extender bill is unclear at best, a hasty departure will put the future of renewable energy in America at risk.

“Over the past year, renewable energy has been a major source of economic growth in a troubled economy. Now, as our industries face major challenges related to the financial crisis, prompt Congressional action to extend renewable energy tax credits is more important than ever. With hundreds of thousands of American jobs and billions of dollars in clean energy investment at risk, we urge Congressional Leaders not to leave for the election recess until a House-Senate agreement is reached on the pending tax extender package,” the statement concluded.

Before the Senate vote on Wednesday, Reid had expounded on the tax extenders portion of the legislation. “We’ve got to get this done,” he told his colleagues. “We cannot leave Washington without doing the financial rescue package and not doing this tax-extender bill.” Legislation is never perfect, Reid said, but “these tax extenders are so important for the American people, it would not be good for us to leave here, it would be a blight on this Congress, not to pass these tax extenders.”

Reid stressed the tax extensions are not for the wealthy, but for “people who are working for a living, trying to have a job, keep a job. Jobs will be created. I repeat – tens of thousands of jobs will be created,” he said.

The House may vote on the bill this Friday.

See <http://www.iht.com/articles/2008/10/02/business/02bailout.php>,
<http://www.bizjournals.com/sanjose/stories/2008/09/29/daily57.html>, and
<http://dealbook.blogs.nytimes.com/2008/10/02/senate-passes-bailout-plan-house-may-vote-by-friday/>.

USGS Releases First Geothermal Resource Estimate in Over 30 Years

Press Release Highlights—September 29, [Geothermal Power Production Could Significantly Add to the Electric Power Generating Capacity in the United States](#)

The U.S. Geological Survey assessment released today is the first national geothermal resource estimate in more than 30 years.

The results of this assessment show that the United States has an estimated 9,057 Megawatts-electric (MWe) of power generation potential from domestic, conventional, identified geothermal systems, 30,033 MWe of power generation potential from conventional, undiscovered geothermal resources, and 517,800 MWe of power generation potential from unconventional (high temperature, low permeability) Enhanced Geothermal Systems (EGS) resources.

The results of this assessment indicate that full development of the conventional, identified systems alone could expand geothermal power production by approximately 6,500 MWe, or about 260% of the currently installed geothermal total of more than 2500 MWe. The resource estimate for unconventional EGS is more than an order of magnitude larger than the combined estimates for both identified and undiscovered conventional geothermal resources and, if successfully developed, could provide an installed geothermal electric power generation capacity equivalent to about half of the currently installed electric power generating capacity in the United States.

"The results of this assessment point to a greater potential for geothermal power production than previous assessments," said Dirk Kempthorne, U.S. Secretary of the Interior. "Geothermal energy is not only a renewable resource, but could significantly contribute to our domestic energy resource base."

Results of this USGS assessment indicate that the power generation potential from identified geothermal systems range from 3,675 MWe (95% probability) to 16,457 MWe (5% probability); the power generation potential from undiscovered geothermal systems range from 7,917 MWe (95% probability) to 73,286 MWe (5% probability); and the power generation potential from Enhanced Geothermal Systems range from 345,100 MWe (95% probability) to 727,900 MWe (5% probability).

The USGS assessment evaluated 241 identified moderate-temperature (90 to 150°C; 194 to 302°F) and high-temperature (greater than 150°C) geothermal systems located on private and public lands. Geothermal systems located on public lands closed to development, such as national parks, were not included in this assessment. Electric-power generation potential was also determined for several low-temperature (less than 90°C) systems in Alaska for which local conditions make electric power generation feasible. The assessment also included a provisional estimate of the power generation potential from the application of unconventional, EGS technology.

To learn more about USGS National Geothermal Resource efforts and to see results of the assessment, please visit the Energy Resources Web site.

See <http://pubs.usgs.gov/fs/2008/3082/>.

Company News

Glitnir: Government of Iceland Acquires 75% Share

The government of Iceland has announced that it will acquire a 75% stake in Glitnir Bank, which specializes in sustainable energy services and geothermal energy, at the price of 600 million Euros, according to Glitnir's Web site. Glitnir has had successful funding this year, but recent events in the international financial market affected their short-term funding. Customers, bond holders and employees will not be affected. Lárus Welding will continue in his role as CEO, the Web site said.

Welding told press: "The Board and Management of Glitnir have diligently worked at securing the bank's funding in the past months' turbulent markets but unfortunately the bank saw adverse development in the past few days. Having the government as an owner strengthens the capital base of the bank and removes all doubt about Glitnir's financial strength. We have seen similar things happen in the countries around us, which reflects the tough position that currently prevails in international financial markets. Our customers will not be affected by these changes and Glitnir will continue to place primary emphasis on providing good and reliable services. I also believe I can state that the measures reflect the authorities' strong faith in Glitnir and are an important part of securing financial stability in the country. This has changed the landscape of the Icelandic financial market. Glitnir remains strong as a result."

See http://www.glitnir.is/english/about-glitnir/news/detail/item14983/The_government_of_Iceland_acquires_75_percent_share_in_Glitnir_Bank/. For Glitnir's September 2007 Geothermal Energy Market Report on the United States, visit <http://www.glitnirbank.com/services/sustainable-energy/education-and-media-room/material/>.

Renewable and Climate Change News

RGGI Holds First U.S. Carbon Auction

The Regional Greenhouse Gas Initiative (RGGI) held the first auction of CO₂ emissions allowances in the United States, according to planetark.com. On September 25, the 12,565,387 allowances were sold at \$3.07 per allowance. The article reported 59 participants from the energy, financial, and environmental sectors took part in the auction.

The \$38,575,783 in proceeds will be distributed to Connecticut, Maine, Maryland, Massachusetts, Rhode Island, and Vermont, the six RGGI states that offered allowances for sale. The funds will go toward energy efficiency and renewable energy technologies and to benefit energy consumers.

The next allowance auction is set for December 17, 2008.

See <http://www.planetark.com/dailynewsstory.cfm/newsid/50404/story.htm>.

Western Climate Initiative Outlines Plan for GHG Reduction

The Western Climate Initiative, made up of seven western states and four Canadian provinces, aims to reduce GHG levels to 15% of 2005 levels by 2020, according to *Climate Change Today*. The plan will cap emissions from all major sources of greenhouse-gases, including utilities, manufacturers and makers of transportation fuels.

"No one says the Western U.S. can solve the international climate crisis by itself," Ned Farquhar of Natural Resources Defense Council told press. "Instead, the West is protecting its own interests . . . by moving ahead. Someday, there will be leadership in Washington."

See <http://climatechangetoday.wordpress.com/2008/09/23/western-states-canadian-provinces-outline-climate-change-plan/>.

Domestic U.S. Energy Production More Than 10% Renewable Energy

Press Release Highlights—September 26, [Renewable Energy Tops 10 Percent of Domestic U.S. Energy Production During First Six Months of 2008](#)

According to the latest "Monthly Energy Review" issued by the U.S. Energy Information Administration (September 24, 2008), renewable energy accounted for more than 10% of the domestically-produced energy used in the United States in the first half of 2008.

For the period January 1 — June 30, 2008, the United States consumed 50.673 quadrillion Btus (quads) of energy — of which 34.162 quads was from domestic sources and 16.511 quads was imported.

Domestically-produced renewable energy (biomass/biofuels, geothermal, hydropower, solar, wind) totaled 3.606 quads -- an amount equal to 10.56% of U.S. energy consumption that is domestically-produced.

"The significant contribution being made by renewable energy sources to the nation's energy supply documented by the U.S. Energy Information Administration (EIA) is far greater than most Americans realize," said Ken Bossong, Executive Director of the SUN DAY Campaign. "Repeated statements by nuclear and fossil fuel interests that renewables contribute only a tiny fraction of the nation's energy supply are not only misleading but flatly wrong."

A summary table prepared by the SUN DAY Campaign based on the data in the EIA report is attached. The EIA report "Monthly Energy Review" can be accessed at: <http://www.eia.doe.gov/emeu/mer/contents.html>.

Article Highlights U.S. Geothermal Production and Recent Developments

An article from *Renewable Energy World* provides a look into the U.S. geothermal industry's current development. Referencing GEA's August 2008 *U.S. Geothermal Production and Development Update*, it gives insight into the factors contributing to growth, needs and obstacles that the industry still faces, and recent developments that show continuing expansion.

"Growth is attributed to increases in state renewable portfolio standards (RPS), growing climate change concerns, higher prices for conventional fuels and the federal production tax credit being extended to geothermal projects," the article said, adding that the Bureau of Land Management has been aggressively working through a lease application backlog, and that new technologies—particularly EGS and geothermal co-production—"promise increased growth in locations previously not considered."

But “geothermal projects and technology will take years to develop, and the industry needs sustained federal and state support over the next decade to achieve substantial and significant results,” the article said. “If it can sustain this support, what seems today on the verge of impossible is likely to look like conservative thinking in the future.”

Since the time of GEA’s August 2008 Update, the article says, the U.S. DOE has developed an International Geothermal Technology Partnership with Iceland and Australia. Companies have posted their second quarter results and have gotten feedback from investors, and Google has introduced online EGS maps for each state. GE and Google announced their partnership to support growth, and the Lightning Dock plant opened in New Mexico.

See <http://www.renewableenergyworld.com/rea/news/story?id=53668>.

State News

Alaska: Potential “World Leader in Geothermal,” Says Iceland’s President

Olafur Ragnar Grimsson, the President of Iceland, says Alaska could be a world leader in geothermal power and that geothermal energy could save oil and gas reserves in Alaska for the future, according to icenews.is. Grimsson visited Anchorage to attend the Northern Research Forum, which took place September 24–27.

“Above all, you will also obtain cheaper energy for the citizens for their homes and for their businesses because the price of oil whatever happens and gas is going to go up,” Grimsson told press.

See <http://www.icenews.is/index.php/2008/09/25/alaska-a-world-leader-in-geothermal-power/>.

California: Schwarzenegger Signs Renewable Energy Legislation

Governor Arnold Schwarzenegger has signed legislation to increase renewable energy use, according to worldofrenewables.com. AB 1451 will continue a property tax exclusion for projects that utilize solar panel energy. Installed solar energy systems in new homes are included. AB 2267 requires the California Public Utilities Commission to grant incentives to eligible California-technology manufacturers and requires the California Energy Commission to give priority to California-based companies for awards. AB 2466 will authorize utility bill credits to local governments for surplus renewable electricity generated at one site against the electricity consumption at other sites.

As we strive to meet our long-term renewable energy and climate change goals, California is leading the way in harnessing resources and creating innovative projects to help us get there,” Schwarzenegger told press. “By providing incentives for all Californians, we are promoting the growth of clean, renewable energy in our cities and on our farmlands. This legislation will benefit our state by creating jobs, protecting the environment and continuing to build a greener economy for all.”

See <http://www.worldofrenewables.com/index.php?do=viewarticle&artid=2443&title=governor-schwarzenegger-signs-legislation-promoting-renewable-energy>.

Utah: LotusWorks and Shoshone Tribe Begin Geothermal Development

LotusWorks, an Irish engineering company, began drilling last week on a 100-MW geothermal power plant in Utah, according to sbpost.ie. The company is developing the project along with Meridian Investments, the U.S. finance house, and Shoshone Renaissance. The city of Riverside, CA will purchase up to 64 MW from the plant.

Shoshone Renaissance, which holds various interests of the Shoshone Native American tribe, owns the land. At the tribal Web site you can view a YouTube video about their geothermal development and a NREL presentation about the site. Visit <http://www.nwbtechnology.com/energy/index.htm>.

“This is a very exciting time for our company and being involved in this geothermal power plant fits with our corporate strategy for our renewable energy business,” Fergal Broder, the founder and chief executive of LotusWorks, told press.

See <http://www.sbpost.ie/post/pages/p/story.aspx-qqqt=IRELAND-qqqm=news-qqqid=36291-qqqx=1.asp>.

International News

Nevis: Geothermal Steam Pictured on New 25th Anniversary Postal Stamp

The Nevis Island Administration and the Nevis Philatelic Bureau issued a five dollar stamp depicting steam billowing from the geothermal reservoir at Nevis Site 1, according to nevisblog.com. The stamp (picture at right taken from nevisblog.com) commemorates the nation’s Silver Jubilee celebration.



See <http://www.nevisblog.com/?p=2111>.

Philippines: EDC Says Mt. Kanlaon Development to Surpass Past Success

The Energy Development Corp. has now said development at Mt. Kanlaon Natural Park will surpass the success at Mt. Apo, in Negros Occidental, according to visayandailystar.com. Rei Medrano, EDC Corporate Social Responsibility chief, recounted 25 years of success and environmental responsibility to press. Development at Mt. Kanlaon continues to face opposition from the Save Mt. Kanlaon Coalition and other groups.

See <http://www.visayandailystar.com/2008/September/30/businessnews2.htm>.

Notices and Employment Opportunities

Ted Mock, Geothermal Expert, Passes at age 82

John E. (“Ted”) Mock
Memoriam ~ Allan Jelacic, U.S. DOE

With great sadness, we report the passing of Dr. John Mock, affectionately known as “Ted”, from the ranks of the world’s geothermal community. Ted died on September 24, 2008, at Virginia Hospital Center just 5 days short of his 83rd birthday. Until his retirement in 1995, Ted served as Director of the Geothermal Research and Development Program at the U.S. Department of Energy for over 12 years, the longest tenure of any director. He was a staunch advocate for geothermal energy, both within DOE and in the world at large. During his tenure, Ted began and managed a number of geothermal programs, including geopressured-geothermal research, geothermal heat pumps, magma energy, and a full range of R&D into all aspects of hydrothermal development. He initiated the restructuring of DOE’s hot dry rock research that evolved into today’s Enhanced Geothermal Systems Program. Ted was widely recognized as an expert in technology transfer, and the advancements made under his leadership are helping to fuel today’s surge in geothermal development. We shall remember him for his wit, optimism, and many contributions to the geothermal community.

Employment: Research Associate II, SMU Geothermal Laboratory

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

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

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

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

Employment: Renewable Energy Employment Opportunities, Ram Power, Inc.

Exciting Renewable Energy Employment Opportunities with New Geothermal/Solar Thermal Energy Project Company

Ram Power, Inc., a recently formed renewable geothermal and solar thermal project development company, with offices in Reno, Nevada and Los Angeles, California has openings for professionals with a minimum of five years experience in the following fields:

Mechanical Engineer – renewable energy power generation
Geologist/Geophysicist/Geochemist – geothermal or mining
Environmental/Permitting – federal and state regulations
On-site Drilling Supervisor – well field operations

These positions will be based in either Reno or Los Angeles and include a full employment benefits package with salaries based on experience. Send resume to Attn: Human Resources, Ram Power, Inc. 691 Sierra Rose Drive, Suite B, Reno Nevada, 89511 or email to info@ram-power.com.

Employment: Geothermal Engineering Analyst, National Renewable Energy Laboratory

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

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

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

operating plans and assists with strategic planning efforts. Works with Department of Energy on technology goals and opportunities.

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

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

Pre-employment drug testing required.

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

Employment: Senior Geologist, VP Exploration, Sierra Geothermal

Responsibilities: design and manage exploration programs, lead new project generation, prepare and manage budgets, develop geological and resource models, site exploration and production/injection wells, manage and build the geological team

Requirements: M.Sc. Geology professional certification status, over 10 years proven experience in exploration & development of geothermal resources preferred, oil & gas or mining background will be considered, strong structural understanding, strong geophysical and geological interpretive skills, strong computer skills and familiarity with 3D software, good multitask management and reporting skills

Location: Vancouver, BC with expected travel to the U.S. and project sites

Please send resumes to Chris@redfishtech.com.

Employment: Vice President of Business Development, Ormat Technologies

Ormat Technologies has an immediate opening for a full time Vice President of Business Development located in Reno, NV. The ideal candidate will 10+ years in sales, marketing and business development in the energy/renewables industry.

Position Title: Vice President, Business Development; Department: Business Development; Location: Corporate Office; Reports to: President/COO; Position Summary: The Vice President of Business Development is responsible for overseeing the Business Development function in North America.

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, Ability to 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.

Other Responsibilities: Provide ongoing training and development to business development team to obtain a high level of performance

Education, Experience and Skills Required: Bachelor degree, ideally in business or engineering disciplines; 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

Physical Requirements: In office walking and standing 20% of the time, seated 75% of the time; Ability to stand, walk and sit for varied degrees of time associated with travel

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

Employment: Sales Manager, Ormat Technologies

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

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

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

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

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

Physical Requirements: Must be able to travel regularly

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

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

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

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

Application at www.ncpa.com, submit to NCPA HR, 651 Commerce Dr., Roseville, CA 95678. Open until filled.

Employment: Engineering Manager, Western GeoPower, Inc.

Western GeoPower, Inc. (WGPI) has an immediate opening for a full time Engineering Manager to be located in our Healdsburg, CA office. WGPI is looking for a flexible and entrepreneurial person who can assist in a variety of tasks to grow WGPI into world class renewable power developer/operator. The ideal candidate will possess 5+ years of technical design, project engineering and operational support in the geothermal power industry. Must have geothermal power and experience working in the Geysers and Salton Sea or similar geothermal field. H2S abatement strategies, steam quality, production/injection systems and plant operations are all a plus.

The Engineering Manager will report to the Operations Manager and be responsible for the following key tasks: Technical support for Project Permitting; Technical oversight of the Detailed Engineering Contract (power plant and gathering system); Evaluation of Value Engineering and Technical Betterment Projects; Technical support for Project Construction issues (technical support for WGP's Construction Manager); Technical support for New Development Projects; Technical support for future Plant Operations, Reporting, Plant Optimization, Environmental; Compliance, Safety and Training

To apply for the position, please send a Word formatted resume to Redfish Technology
Chris@redfishtech.com.

Requests for Proposals (RFPs)

Request for Renewables, Oklahoma (October 7)

Western Farmers Electric Cooperative, Oklahoma, seeks between 50 MW and 200 MW of renewable energy resources. Responses due 10/7/08. For more info, contact John Wynne at WFECRFP@bv.com or go to: http://www.wfec.com/operations/rfp_and_interest.asp. (Green Power Network 9/19/08)

RFP for Renewable Energy Resources, Public Service Company of New Mexico (October 15)

The RFP is seeking multiple proposals for wind, solar, geothermal and biofuel energy resources. PNM is seeking renewable energy sources that can be available beginning in 2009 and no later than 2011. A prebid conference will be held at the PNM downtown office in Albuquerque and via teleconference on July 30, 2008. RFP Responses due October 15. All inquiries and other communications relating in any manner to this RFP must be directed in writing, by mail, facsimile or email, to the PNM RFP administrator. The questions and corresponding answers (without identification of the party asking the questions) will be emailed to all parties that have provided a Notification of Intent to Respond ("Notification") to this RFP.

Contact RFP Administrator: Public Service Company of New Mexico, Alvarado Square MS 1006, Albuquerque, N.M., 87158-0001 Phone: 505-241-4700; Fax: 505-241-2202; Email: renewableRFP@pnm.com The entire RFP can be found at http://www.pnm.com/rfp/renewables/docs/rfp_renewables.pdf.

RFP for Industrial Energy Efficiency Programs, U.S. DOE (October 16)

The U.S. Department of Energy requests proposals for Save Energy Now: State, Regional and Local Delivery. This initiative will support the development and delivery of industrial energy efficiency programs

implemented at the local, state and/or regional level. \$9.5 million expected to be available, up to 16 awards anticipated. State and Territorial Energy Offices must be the lead applicant. A Letter of Intent is requested but no required and is due 9/15/08.

Final proposals due 10/16/08. For more info, contact Margo Gorin at ITP_State@go.doe.gov or go to <https://e-center.doe.gov/iips/faopor.nsf/UNID/6033DD40BB42CF468525749600668DC3?OpenDocument>. Refer to Sol# DE-PS36-08GO98033. (Grants.gov 7/30/08)

RFP for Global Climate Change Modeling and Early Career Projects, U.S. EPA (October 21)

The U.S. Environmental Protection Agency requests proposals, under a joint solicitation, for 1) Adaptation for Future Air Quality Analysis and Decision Support Tools in Light of Global Change Impacts and Mitigation, and 2) Early Career Projects. Through this initiative, EPA seeks the development of modeling capability to provide: Insights to the air quality planning community; a capability to account for uncertainty and variability in the projections of a future world that includes global change and; an evaluation of the robustness of predictions made with improved tools when applied to relevant scientific and policy questions. This research must link from local to the global scale and back for predictions out to 40 years into the future. Additionally, this initiative includes the opportunity for early career projects. \$5 million expected to be available, up to 7 awards anticipated. Responses due 10/21/08.

For more info, contact Bryan Bloomer at bloomers.bryan@epa.gov or go to http://es.epa.gov/ncer/rfa/2008/2008_star_adaptation.html. Refer to Sol# EPA-G2008-STAR-J1 and EPA-G2008-STAR-J2. (Grants.gov 7/22/08)

RFP for Global Climate Change Education, NASA (October 24)

The National Aeronautics and Space Administration (NASA) requests proposals for the Global Climate Change Education (GCCE) project. The GCCE is designed to improve the quality of global climate change and Earth system science education at the elementary, secondary, and undergraduate levels. Funded projects are expected to take advantage of NASA's contributions in climate science to enhance students' academic experiences and/or to improve educators' abilities to engage and stimulate their students. Up to 24 awards anticipated, award range \$150K to \$500K. A Notice of Intent is required and is due 8/29/08, final proposals due 10/24/08.

For more info, contact Diane Clayton at diane.clayton-1@nasa.gov or go to <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7bA0A2FB8B-E96B-7579-5530-2709EE450F3F%7d&path=open>. Refer to Sol# NNH08ZNE005N. (Grants.gov 7/18/08)

RFP for Transit GHG Strategies, U.S. Department of Transportation (November 3)

The U.S. Department of Transportation requests proposals for the Transit Greenhouse Gas (GHG) Emissions Management Compendium. Through this initiative, DOT seeks a compendium of strategies for transit agencies to reduce the GHG intensity of their services. The compendium will serve as a central information point, as well as a useful handbook to transit managers in planning and decision-making. \$175K expected to be available, 1 award anticipated.

Responses due 11/3/08. For more info, contact Jarrett Stoltzfus at Jarrett.Stoltzfus@dot.gov or go to: http://www.fta.dot.gov/funding/grants_financing_7829.html. Refer to Sol# D2008-GHG-TRI. (Grants.gov 9/16/08)

RFP for Small Business Innovation Research and Small Business Technology Transfer, DOE (November 20)

The U.S. Department of Energy requests proposals for Phase I of the Small Business Innovation Research (SBIR) and the Small Business Technology Transfer (STTR) programs. SBIR/STTR seeks to increase private sector commercialization of technology developed through DOE supported R&D, stimulate technological innovation in the private sector, and improve the return on investment from Federally-funded research for economic and social benefits to the nation. Areas of interest include, but are not limited to: Advanced battery electrode development, advanced materials and technologies for cooling and waste heat recovery, energy efficient membranes, technologies related to energy storage for hybrid and plug-in hybrid electric vehicles, energy savings technologies for commodity manufacturing industries, production of biofuels from biomass, advanced water power technology development, wind energy technology development, geothermal technologies, hydrogen, fuel cells, and infrastructure technologies, solar energy, improved motor designs and power electronics, advancements for hybrid and plug-in hybrid electric vehicles, and climate control technology for fossil energy applications. The complete list of topics is posted at: http://www.science.doe.gov/sbir/solicitations/FY%202009/C27_topics.pdf. \$36 million expected to be available, up to 360 awards anticipated.

Responses due 11/20/08. For more info, contact Carl Hebron at sbir-sttr@science.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/9648EC9FBF2AAE36852574C70063CD09?OpenDocument>. Refer to Sol# DE-PS02-08ER08-34. (Grants.gov 9/17/08)

RFP for Environmental Info Exchange, U.S. EPA (November 21)

The U.S. Environmental Protection Agency requests proposals for the Exchange Network Grant Program. The Network is an Internet and standards-based, secure information network that facilitates the electronic sharing, integration, analysis, reporting, and use of environmental data from many different sources. This program provides support to organizations to develop the information technology and information management capabilities needed to actively participate in the Exchange Network. \$11 million expected to be available, up to 50 awards anticipated.

Responses due 11/21/08. For more info, contact Edward Mixon at mixon.edward@epa.gov or go to: <http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppId=42875>. Refer to Sol# EPA-OEI-09-01. (Grants.gov 9/17/08)

Request for Renewable Energy, Massachusetts (December 1)

Taunton Municipal Lighting Plant seeks up to 260,000MWh per year of energy and dependable capacity starting in the calendar year 2009 from eligible renewable resources to meet the Massachusetts RPS requirements. Responses due 12/1/08.

For more info, contact Scott Whittemore at Renewables@TMLP.com or go to <http://personal.tmlp.com/tmlpesp/RFP08-01-renewable-resource/>. (Green Power Network 7/28/08)

RFP for Climate Change and Sustainability Conferences, EPA (December 9)

The U.S. Environmental Protection Agency has issued a Broad Agency Announcement for Conferences, Workshops, and/or Meetings. EPA seeks applicants for the planning, arranging, administering and/or conducting of conferences and workshops in areas including, but not limited to: Economics and sustainability; air and global climate change; and technology. \$500K expected to be available, up to 15 awards anticipated. Proposals due 12/9/08.

For more information, contact Bernice Smith at smith.bernicel@epa.gov or go to http://es.epa.gov/ncer/rfa/2008/2008_baa.html. Refer to Sol# EPA-C2008-BAA. (Grants.gov 12/6/07)

RFP for Environmental Fellowships for Undergraduate, U.S. EPA (December 11)

The U.S. Environmental Protection Agency requests proposals for Greater Research Opportunities. GRO provides undergraduate fellowships in environmental fields of study. Areas of interest include, but are not limited to: Green Building Engineering, Environmental Engineering, and Urban and Land Use Planning. \$930K expected to be available, up to 20 awards anticipated.

Responses due 12/11/08. For more info, contact Georgette Boddie at boddie.georgette@epa.gov or go to: http://es.epa.gov/ncer/rfa/2009/2009_gro_undergrad.html. Refer to EPA-F2008U-GRO-(P1-Q2). (Grants.gov 9/5/08)

RFP for Student Design Competition for Sustainability, U.S. EPA (December 23)

The U.S. Environmental Protection Agency requests proposals for the 6th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet. This program supports science-based designs developed by interdisciplinary student teams that benefit people by improving their quality of life, promote prosperity by developing local economies, and protect the planet by conserving resources and minimizing pollution. P3 seeks to respond to the technical needs of the world while moving towards the goal of sustainability. Areas of interest include: Agriculture, Materials and Chemicals, Energy, Information Technology, Water, and the Built Environment. \$950K expected to be available, up to 50 awards anticipated.

Responses due 12/23/08. For more info, contact Cynthia Nolt-Helms at nolt-helms.cynthia@epa.gov or go to: http://es.epa.gov/ncer/rfa/2009/2009_p3.html. Refer to Sol# EPA-G2009-P3-Q(1-6). (Grants.gov 9/23/08)

RFP for Energy Efficiency, Renewable Energy, and Transmission Technologies, DOE (December 31)

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

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

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

With questions, email the LGPO at lgprogram@hq.doe.gov. Please include in the subject line "RETDEE Solicitation Question." Completed applications must be submitted no later than 11:59 pm (ET) on Wednesday, December 31, 2008. Full announcement can be found at <http://www.lgprogram.energy.gov/keydocs.html>.

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

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

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

Upcoming Events

Featured Event: GEA Geothermal Issues and Outlook Workshop, October 4 (Reno, NV)

A day-long series of expert presentations and panel discussions examining the status, outlook and issues specific to geothermal energy raised by both federal and state initiatives in each of these topic areas:

- 2009 Federal Outlook for Climate Change, Renewable Energy and Geothermal
- State and Regional Transmission Initiatives and Policies
- Federal Tax Incentives: extensions and emerging proposals
- Federal and State Leasing and Permitting
- Geothermal Resource Assessment, Research and Technology Development
- RPS Legislation and Regulations

Presentations and Panels on these critical subjects will be made by leading state and national experts.

Revised Agenda:

8:30 am Light Breakfast/Coffee and Networking

9:00 Transmission: An overview of current initiatives in California and the West to expand transmission to geothermal and other renewable energy areas

- Ric O'Connell, Black and Veatch (RETI and WGA CREZ efforts)
- John McCaull, GEA Western States Representative
- Dan Schochet, Chairman of the Nevada Governor's Renewable Energy Transmission Access Advisory Committee
- Nevada Power Representative

10:00 Tax Incentives: A review of the status of federal and state tax initiatives for geothermal power, and a discussion of future proposals and prospects for further action in a new Congress

- Jonathan Weisgall, MidAmerican Energy
- Matt Ferguson, Principal & Practice Leader of National Renewable Energy, Reznick Group, P.C.

10:45 Break

11:00 Climate Change: State and Federal climate change laws and legislation, and what they may mean for geothermal energy.

- Dianne Ducette, Environmental Entrepreneurs
- Kristin Grenfell, NRDC
- Sheridan J. Pauker, Wilson, Sonsini, Goodrich and Rosati
- Karl Gawell, GEA

Noon: Lunch and Discussion: Brief presentations and discussion about the status of collaborative geothermal efforts at the state level – Robert King (Texas), William Glassley (California) Paul Thomsen (Nevada) Bob Blackett (Utah), Roy Mink (Idaho), Paul Morgan (Arizona), Kathi Montgomery (Montana) Curt Robinson (GRC Chapters), others.

1:00 State and Federal RPS Initiatives: Prospects and proposals for federal and state renewable portfolio standards are reviewed, and their potential importance for and impact upon geothermal projects is discussed.

- Rhonda Mills White, CEERT
- Jan-Smutney Jones, IEP
- Karl Gawell/John McCaull, GEA
- John A. McKinsey, Stoel Rives
- Layne Ashton, Raser Technologies
- Robert King, Good Company Associates

2:00 Resource Assessment and Research: Ongoing and proposed efforts to advance geothermal resource assessment and federal and state research programs are reviewed and discussed.

- Dr. Colin Williams, USGS
- Ed Wall, US DOE
- William Glassley, CGEC, formerly CEC
- Lisa Shevenell, UNR Great Basin Center

3:00 Break

3:15 Federal and State Leasing and Permitting: An overview of the status of leasing on BLM and Forest Service lands, state and private land leasing issues, and a discussion of permitting and leasing issues, answers and new proposals.

Part I

- Kermit Witherbee, BLM
- Tracy Parker, US Forest Service
- Additional BLM/FS Representatives

Part II

- Paula Blaydes, Western GeoPower
- Doug Glaspey or Roy Mink, US Geothermal
- Jerry Fish (or Chris Heaps), Stoel Rives

4:30 pm Adjourn

(*invited)

Fee: \$150 non-members, \$75 GEA-GRC members or government/non-profit employees (fee includes refreshments, light breakfast and lunch.) Participation will be limited to 150 people.

Registration will be available at the door on a space available basis. The event will be held in the Naples 1-3 rooms of the Peppermill Hotel in Reno, Nevada..

Featured Event: GRC Workshop, Introduction to Geothermal Energy, October 4 (Reno, NV)

Saturday, October 4, 10:00–1:00 p.m., Tuscany 11, Peppermill Resort, Reno, and visit to geothermal power plant, 1:30–5:00 p.m.

The Geothermal Resources Council (GRC) will sponsor an Introduction to Geothermal Energy Workshop, presented by the Geothermal Education Office in conjunction with the 2008 GRC Annual Meeting. This free and fun event will take place on Saturday, October 4, 2008, in the Tuscany 11 room, at the Peppermill Resort in Reno. The workshop is designed for K-12 classroom teachers and other educators but is open to anyone interested in learning about geothermal energy.

This program will feature slide presentations by seasoned geothermal speakers who will cover geology, exploration, drilling, generation of electricity, low-temperature uses of geothermal energy, and other related topics. Free curricular materials will be given to teachers.

After the formal 3-hour program there will be a field trip to a local geothermal power plant (Ormat's Steamboat). Only a limited number can attend; priority for field trip participation will be given to classroom teachers. The bus for Steamboat will leave Peppermill at 1:30 p.m.

Pre-registration is required for the workshop and for the field trip.

REGISTRATION DEADLINE - Thursday, September 25. A registration form (pdf), is attached. Please fax completed registration form to 415-435-7737. The registration form will also be available soon at www.geothermal.marin.org. If you would like to bring a very small group of mature high school students to the workshop or have questions, please contact Marilyn Nemzer at the Geothermal Education Office, geo@marin.org.

Featured Event: GEA Annual Members Meeting, October 5 (Reno, NV)

All GEA Members are invited to The 2008 Annual Members Meeting of the Geothermal Energy Association. It will be held at Noon on Sunday, October 5, 2008 at the Peppermill Resort and Hotel in Reno, Nevada. The meeting will review GEA activities in the past year, elect members to the Board of Directors, and discuss priorities for the year ahead. For more information about the meeting, contact Karl Gawell by email at karl@geo-energy.org, or by phone at 202-454-5264.

Featured Event: Geothermal Energy 2008 Conference and Expo (formerly GEA Trade Show and GRC Annual Meetings), October 5–8 (Reno, NV)

GEA's annual Geothermal Energy Expo (formerly known as GEA Trade Show) brings out the geothermal community for a few days of everything geothermal. Come mingle with the geothermal community in one hall while viewing the world's largest gathering of vendors providing support for geothermal resource exploration, characterization, development, production, and management. Expo exhibitors have a unique opportunity to showcase their products, services, and state of the art technologies to the geothermal community. **Please note, booth space for the Expo is sold out.

For more information please visit our Expo website: http://www.geo-energy.org/2008_ts/index.htm To register to attend the Expo please fill out online application at http://www.geo-energy.org/2008_ts/visitors.html. The cost for visitors to the Expo Hall will be \$35 per person per day. Payment will be due on site.

Sponsorship Opportunities: http://www.geo-energy.org/2008_ts/spn_opprtn.html and http://www.geo-energy.org/2008_ts/spn_ts.html. Current Sponsorship List: http://www.geo-energy.org/2008_ts/spn_list.html

In tandem with the Geothermal Energy Expo is the Geothermal Energy Conferences hosted by the Geothermal Resources Council (GRC). GRC Conference participants interface with exhibitors to learn about innovative developments and applications, while exchanging valuable ideas. For more information about the Geothermal Energy Conferences, please visit GRC's website at: www.geothermal.org.

GEA's schedule of Geothermal Energy 2008 Conference and Expo Events is as follows:

Saturday, October 4

- Saturday, October 4, Issues and Policies Outlook Workshop, 9am-4:30pm, Naples Rooms 1-3

Sunday, October 5

- Sunday, October 5, Annual GEA Members Meeting, Noon-2pm, Tuscany Room 11
- Sunday, October 5, GEA Board of Directors Meeting, 2:30pm-4:30 pm, Tuscany Room 11
- Sunday, October 5, Geothermal Convention and Expo 2008 Opening Reception, 6:00pm-8:30pm, Expo Hall

Monday, October 6

- Monday October 6, Trade Show/Expo Opens, Noon-5pm
- Monday, October 6, Trade Show Presentations, noon in Expo Hall
- Monday, October 6, Trade Show Closes, 5pm

Tuesday, October 7

- Tuesday, October 7, Trade Show Opens, 8am-6pm
- Tuesday, October 7, Presentations in EXPO Hall, noon
- Tuesday, October 7, Poster Session in Expo Hall 4:00pm-6:00pm, Trade Show Closes at 6pm
- Tuesday, October 7, Texas Hold'Em Poker Tournament in Capri Rooms 2-4, 9:00pm-12pm

Wednesday, October 8

- Wednesday, October 8, Trade Show Opens, 8:00am-2:00pm
- Wednesday, October 8, Awards Presentation in Trade Show Hall, 10:00am
- Wednesday, October 8, Geothermal Showcase of New Projects, 10:30am in Trade Show Hall
- Wednesday, October 8, Trade Show Closes, 2pm

With any questions, please contact Kathy Kent at 202.454.5263, email: kathy@geo-energy.org.

**GEA and sponsor Oski Energy, a U.S. Renewables Group Company, are holding a Texas Hold'Em Poker Tournament on Tuesday, October 7 as part of our Geothermal Energy 2008 Conference and Expo festivities!! Poker is America's most popular card game and we are bringing poker to our participants. With this Texas Hold'Em tournament, you will be playing against others in the geothermal community. Show your coworkers, other geothermal enthusiasts and even your company's competitors what your poker game is made of!! Everyone is welcome to join the game!! Entry fee will be \$120 which you will need to pay in cash, the day of the tournament to the Peppermill. \$100 of this entry fee will go into the prize pool, while the additional \$20 will cover dealer costs. A cash bar will be available. For more information on how the tournament will be played, feel free to visit our website at: http://www.geo-energy.org/2008_ts/events.html. If you are interested in joining this tournament, please send an email to Kathy Kent at kathy@geo-energy.org indicating the name and contact email and phone number that you can be reached at while in Reno for the interested player. Registration will be available on site. Payment will be due on site at the Peppermill.

Fast Tracking Energy Projects on Federal Lands, October 7 (Reno, NV)

A one-day seminar on keys to fast tracking energy projects on federal lands featuring speakers from EMPSi and federal agencies. This seminar will provide tools and techniques to achieve environmental compliance on your schedule. There is a registration discount for GEA members and attendees (enter "geothermal" in the "Code" field on the first page to receive a \$100 discount). Additional information can be found at: www.EMPSi.com or contact John King, EMPSi (415-544-0440).

NZ Geothermal Workshop & NZGA Seminar 2008, November 11–13 (Taupo, New Zealand)

The NZ Geothermal Workshop will be held November 11–12 and the New Zealand Geothermal Association Seminar 2008 will be held on November 13. Both events will take place at the Great Lake Centre in Taupo, New Zealand. The events mark the 30th anniversary of the Geothermal Workshop, which is New Zealand's longest running energy conference. This year's workshop will celebrate New Zealand's people and past achievements as well as the exciting future of geothermal energy use around the world. Particular focus will be on New Zealand's contributions to the research, education, and development of geothermal energy.

NZ Geothermal is calling for papers related to the history of achievement and the future potential of geothermal energy as well as paper on all aspects on Wairakei. The paper deadline is August 25 and must be submitted via email to geothermal08@auckland.ac.nz.

Workshop registration began June 1 and online registration will continue until November 4. Discounted rates will be available until early registration closes on October 12. For more information or to register, please visit <http://www.nzgeothermal08.com/nzgeothermal/index.cfm>.

XVI Annual Congress of the Mexican Geothermal Association, November 14 (Morelia, Mexico)

The XVI Annual Congress of the Mexican Geothermal Association (AGM: Asociación Geotérmica Mexicana) will take place in the city of Morelia, Mexico, on November 14. The AGM is calling for papers related to geothermics. Please send abstracts to Luis Gutiérrez-Negrín (luis.gutierrez@geotermia.org.mx) before July 25. Ten to twelve papers will be selected for oral presentation during the congress. Papers and presentations can be in Spanish or English.

The AGM is the Mexican association affiliated to the International Geothermal Association (IGA) It holds an annual technical congress and a general assembly, restricted to its membership, usually in a city of Mexico related to geothermics. The events are cosponsored by the geothermal division of the Comisión Federal de Electricidad, whose headquarters is in Morelia.

For more information, please visit the AGM Web site (<http://www.geotermia.org.mx>), and/or send a message to Luis Gutiérrez-Negrín.

Geothermal Finance & Investment Summit, November 17–19 (Palm Springs, CA)

The U.S. Department of Energy's Edward J. Wall, of the DOE's Geothermal Technology Program Office, will keynote the Geothermal Finance & Investment Summit. The conference will look into geothermal developer perspectives, geothermal transmission, investment perspectives on geothermal energy and challenges faced in the geothermal energy community. This is a great opportunity to learn more about geothermal investment.

Many renewable energy project developers—and investors—are looking to the DOE for a range of issues. Mr. Wall is expected to provide answers and clarity to these market players. Interest in geothermal development has never been higher—evidenced by the record 400% increase in land lease prices garnered earlier this month at auction by the Bureau of Land Management—as everyone searches for the next big play in renewable energy. Mike Olson of the U.S. Department of Interior and Kermit Witherbee of the Department of Interior/Bureau of Land Management will also address the summit on issues of the backlog of land leases and the royalty framework. Both issues are considered critical to geothermal energy projects.

As an annual event, the Geothermal Finance & Investment Summit is one place where developers, investors, power purchasers, technology experts and other players are turning to find out where, when and what geothermal projects will happen in the coming year.

Also scheduled to appear:

- o Mike Marelli, Manager of Contract Origination & Analysis, Renewable & Alternative Power Department, Southern California Edison, and David Lewis, Director—Competitive Solicitations, Pacific Gas & Electric;
- o John C.S. Anderson, Senior Managing Director, John Hancock Financial Services, and Rohan Singh, Vice President, HSH Nordbank;
- o John Eber, Managing Director—Energy Investments, JPMorgan Capital Corp.; and Martin Torres, Associate, Morgan Stanley Capital Markets
- o Gary Thompson, President & CEO, Sierra Geothermal Power Corp.

Utah Geothermal Lease Sale, BLM, November 18

The Utah State Office has scheduled a proposed competitive geothermal lease sale. The proposed sale will be held in conjunction with the oil and gas lease sale on November 18, 2008.

If you have questions regarding this notice, please call Judy Nordstrom at 801-539-4108; facsimile at 801-539-4200; write to attention at the address on this letterhead; or send electronic mail to judy_nordstrom@blm.gov. More information available at <http://www.blm.gov/ut/st/en/prog/energy/geothermal0.html>.

2nd African Rift Geothermal Conference, November 25–29 (Entebbe, Uganda)

The second International Geothermal Conference on the African Rift will be held in Entebbe, Uganda. The conference is designed as a forum for the exchange of information on the African Rift Geothermal Resources and for discussion of the current state of scientific knowledge and understanding of all aspects of exploration and development of geothermal resources, including exploration, field and conversion technology, design and construction, environmental considerations, financial, marketing, and operational aspects.

The Scientific Program of the conference consists of Plenary Lectures, Poster presentations, Workshop and Field Trips. The following will be the themes for oral and poster sessions: (1) Exploration: Geology, Geophysics, Geochemistry, and Hydrology, (2) Drilling and well design: Shallow and deep, Production and Injection, (3) Field development, Production Technology, Power generation & Operation, (4) Reservoir Engineering: Well Testing, Injection, and Modeling, (5) Case Histories, (6) Economics and Financing, (7) Environmental, Social, Legal and Institutional Aspects, and (8) Direct Use: Agri- and aquaculture, Mineral extraction, Manufacturing, Air conditioning.

For more information and to register, contact Department of Geological Survey and Mines, Plot 21–29, Johnstone Road, P.O Box 9, Entebbe, Uganda. Phone: +256 712 812231, +256 712 835843, +256 773 129941. Fax: +256 414 320364. E-mail: argeoC2@minerals.go.ug or bahati@minerals.go.ug.

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

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

The Renewable Energy World Conference & Expo North America (formerly POWER-GEN Renewable Energy & Fuels) has a proven track record—now in its 6th year— as renewable energy's leading conference. It offers a worldwide audience who will hear papers, panel discussions and presentations during technical sessions related to technology, markets, business strategies and policy covering the wind, solar, biomass,

hydro, geothermal, ocean/tidal/wave, bio-power, bio-fuels hydrogen and energy sectors. There has never been a better time to be a part of the exciting, ever-growing world of renewable energy!

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

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

The Geothermal Energy Association will be cosponsoring this event, with panels on geothermal energy soon to come. For more information and to register, visit <http://rewna09.events.pennnet.com/fl/>.

Canadian Geothermal Energy Association Conference and AGM, April 16–17, 2009, (Vancouver, B.C.)

Canadian Geothermal Energy Association Workshop, Conference and AGM, April 15-17, 2009, (Vancouver, BC)

The Canadian Geothermal Energy Association (CanGEA) announces their Workshop, Tradeshow, Conference and AGM on April 15-17, 2009 in Vancouver, BC.

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

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



GEA Update

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