



GEO THERMAL ENERGY ASSOCIATION

209 Pennsylvania Avenue SE, Washington, D.C. 20003

Phone: (202) 454-5261 Fax: (202) 454-5265

www.geo-energy.org

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National News

House Taking Up Energy Legislation/Tax Extenders, Senate Expected to Follow—CR Still Under Discussion to Extend Agency Funding

Today, Tuesday September 16, the House of Representatives is expected to take up comprehensive energy legislation: H.R. 6899—The Comprehensive American Energy Security and Consumer Protection Act. If the rule for consideration of the bill is adopted, the House will move to three hours of debate on the bill. The legislation contains a national renewable portfolio standard, requiring utilities to obtain at least 15% of their electricity from renewable sources by 2020, and an extension of the renewable tax credits. The tax provisions are similar to the bill previously passed by the House, and provide for a one-year extension of the production tax credit for wind and a three-year extension for other technologies.

Rep. James Clyburn (D-SC), House Democratic Whip, said, “This week the Democratic Caucus produced a home-grown, American-owned energy policy for the 21st century. This is the legislation America has been waiting for, laying out a smorgasbord of resources to address our energy challenges—it protects taxpayers and addresses high gas prices; expands domestic drilling offshore and on land; expands renewable sources of energy; reduces our dependence on foreign oil and strengthens our national security; requires Big Oil to pay what it owes American taxpayers and ends subsidies to Big Oil, denying them the ability to double-dip; and, most importantly, creates good paying jobs here at home.”

House Republican Leader John Boehner (R-OH) blasted Democratic leaders for “refusing to allow an open and honest debate.” “Late last night, the Democrat-controlled Rules Committee shut down open and honest debate by passing a closed rule to govern today’s floor debate, refusing GOP proposals to allow any member to offer their amendments and specifically refusing to allow an open and honest debate on the American Energy Act (H.R. 6566), House Republicans’ plan to lower gas prices by encouraging more conservation and efficiency, promoting the use of more alternative and renewable fuels, and expanding drilling on remote lands and far off American shores in an environmentally-safe way,” Boehner stated.

Meanwhile, across the Capitol, the Senate, having just completed a bipartisan meeting on energy policy, was also looking to turn to energy legislation once it completed action on the 2009 Defense Authorization bill, S. 3001—which is currently the business before the Senate. Senators Jeff Bingaman (D-NM) and Max Baucus (D-MT) were expected to unveil new legislation in the near future and were working to craft a bill

that could obtain the 60 votes needed for passage. Three previous attempts to pass energy or energy tax legislation in the Senate all failed by slim margins to obtain the 60 votes necessary.

“This may be the best opportunity for Congress to pass a longer term extension of the renewable tax credits,” commented GEA’s Karl Gawell. “If they fail to do so now, it would mean that any action would depend upon whether or not there is a lame duck session of Congress after the elections, and in a lame duck most seem to think that a minimal one year extension of the PTC and ITC for renewable technologies would be the most that could be expected.”

Meanwhile, Congress was still discussing a Continuing Resolution to keep federal agencies funded at least until February. However, the CR discussions were also being complicated by a debate about whether and how long to keep Congress in session and whether or not to plan on a lame duck session. Senate Majority Leader Reid (D-NV) was insistent that he would keep Congress in session well past the House’s September 26 adjournment date to “get essential work done.”

Presidential Candidates’ Energy Plans Outlined

Van Ness Feldman’s Public Policy group has prepared a comparative summary of the Presidential candidates’ energy and climate change plans categorized into Oil and Gas, Climate Change, Electric Power Generation, Energy Efficiency, Alternative Fuels and Fuel Efficiency, and Green Economy. A pdf version of he summary is available at http://hosting-source.bronto.com/6335/public/Presidential_Candidates_Platform_Comparison.pdf.

An article in USA Today also compares the candidates’ views. “McCain, for instance, is more supportive of offshore drilling and strongly favors nuclear power,” the article says. Obama envisions a bigger role for government in the nation’s energy future, seeking to invest billions in new technology while mandating stronger fuel-efficiency and alternative-energy standards. McCain wants to rely more heavily on existing laws and market forces. Both candidates are far more willing than President Bush to tackle global warming by imposing new fees on greenhouse gas emissions.” See http://www.usatoday.com/money/industries/energy/2008-09-10-candidates-energy-policy_N.htm.

On Renewable Energy, the candidates’ views as stated in the Van Ness Feldman summary are:

Obama

- Establish a 10% federal Renewable Portfolio Standard (RPS) to require that 10% of electricity consumed in the U.S. be derived from clean, sustainable energy sources, like solar, wind and geothermal by 2012.
- Require 25% of electricity come from renewable sources by 2025
- Require 30% of the federal government’s electricity come from renewable sources by 2020

McCain

- Require temporary tax credits that provide commercial feasibility for alternative, low carbon fuels such as wind, hydro and solar power
 - Tax credits will remain in place until the market transforms sufficiently to the point where renewable energy no longer merits the taxpayers' dollars

Reid Opens Senate Energy Summit

In opening the Senate Energy Summit on Friday, September 12, Senate Majority Leader Harry Reid opened with remarks about the need for bipartisan support toward passing energy legislation.

Press Release Highlights—September 12, [Reid: We Must View Energy Challenges As an Opportunity to Create Jobs, Strengthen National Security, Protect Environment](#)

“Today’s summit is the latest step in this bipartisan trend, which has also been a hallmark of Senator Bingaman and Domenici’s work on the Energy Committee. We will hear from noted academics, leaders of America’s high-tech giants, and yes, oil company executives.

“With energy legislation moving to the floor of the Senate as early as next week, this is a rare opportunity to put our ideas directly into action. But the legislation of this work period is just one of many steps.

“My Senate colleagues and our panels of experts will discuss their ideas in greater detail, but there are a few goals I would like to see accomplished today. I think it’s important we all agree that a problem as big as this requires comprehensive solutions. In all the places where truth counts more than slogans, it is agreed that there is no single ‘magic bullet.’ We need to decrease our consumption of fossil fuels. We can conserve energy painlessly and cost-effectively by improving efficiency in household appliances and the ways we build new buildings. We also need to demand and expect better fuel efficiency from our automobiles.

“One hundred years ago, the Ford Model T was introduced. It averaged 13-21 miles per gallon. Since then, we have invented television, taken to the skies, landed a man on the moon – yet many of our cars and trucks in 2008 average 13-21 miles per gallon. We can do better – and one part of the solution is the Advanced Technology Vehicle Manufacturing Incentives Program. I am committed to do everything I can to secure funding to implement this important program before the end of the year.

“We need to hasten our transition away from oil. That means incentivizing the production of home-grown renewable alternatives. We also need to bring prices down for the oil we use. That means going after any speculator, price gouger or oil-producing nation who game or cheat the system and leave American consumers paying the bill.

“Finally, I think we can all agree that we need to view this not as a crisis but as an opportunity. The most efficient automobiles in the world can be made in America. The solar panels and wind turbines that will power the planet in the years to come can be built by American workers. The transition from the fossil fuels of old to the renewable fuels of tomorrow can create jobs, protect our national security and cleanse our environment.

“Already, state and local governments are joining with private sector entrepreneurs to get the clean energy revolution started. You’re seeing it in places all across America, where wind, solar, and geothermal are moving from laboratories to our roofs, farms and offices.

“It’s time – long past time – for the federal government to take the lead to help the clean revolution take hold in every city and town across our country. The American people demand and deserve bold ideas and creative solutions. I hope today’s panel will contribute meaningfully to ending the status quo politics of old and moving us forward.”

Senators Speak Out on Renewable Energy Needs

Senate Majority Leader Harry Reid, Sen. Jeff Bingaman of New Mexico, and Ken Salazar of Colorado held a conference call with reporters last week about presidential candidate Sen. John McCain’s energy tactics, according to the *Las Vegas Sun*.

The senators discussed offshore drilling. “I’ve heard a lot about McCain being a maverick, but when it comes to this issue, he’s toeing the party line,” Reid told the reporters. “All the Republicans and Sen. McCain talk about is drilling. I don’t oppose drilling, but we need a comprehensive approach” to solving U.S. Dependence on foreign oil.

Reid said McCain has avoided votes to extend tax credits for renewable energy eight times, according to the article. Salazar added that Republicans’ “obstructionist tactics” have prevented renewal of the tax

credits, and that failure to pass them would result in a \$19 billion loss in capital investment in renewable energy. This could mean the loss of more than 116,000 jobs in 2009 alone, Salazar said.

See <http://www.lasvegassun.com/news/2008/sep/08/reid-continues-hammer-mccain-renewable-energy/>.

Company News

Glitnir: Arrangement with Nevada Geothermal Facilitates Faulkner 1 Construction

Press Release Highlights—September 9, Glitnir Bank Advises Nevada Geothermal Power on Financing for Blue Mountain Geothermal Power Plant, Glitnir Continues to Lead Global Financial Community in Support of Geothermal Power Industry

Glitnir, the leading provider of financing and advisory services to the global geothermal energy industry, announced today that it served as lead co-arranger with Morgan Stanley & Company Inc. for a US\$180 million loan facility for Nevada Geothermal Power Inc. The loan facility, provided by TCW Asset Management Company, will be used for the first phase of construction of the Blue Mountain geothermal power plant, known as "Faulkner 1." The plant will have a capacity of 49.5 MW (gross) and the electricity will be sold under a 20-year Power Purchase Agreement (PPA) to Nevada Power Company. When it comes on line in late 2009 the geothermal power plant will supply the growing population of southern Nevada with clean, renewable baseload power.

"The Faulkner 1 development program would not have been able to proceed to the construction phase without the on-going support of Glitnir. The bridge loan facility gave us the resources and was instrumental in successfully completing the development/pre-construction phase of the project. We greatly appreciate Glitnir's and Morgan Stanley's help in expediting the process of securing the necessary funding to proceed with construction of the plant," said Brian Fairbank, President and CEO of Nevada Geothermal Power Inc.

"We are proud of our role in helping to advance the North American geothermal power industry by providing funding and advisory services in support of major projects such as Nevada Geothermal Power's Blue Mountain plant," said Magnus Bjarnason, Executive Vice President of International Banking, Glitnir Bank. "With Senators John McCain and Barack Obama and their respective Vice Presidential running mates each having individually expressed their support for geothermal power, and the need to meet various Renewable Portfolio Standards, we are fully confident that the geothermal energy industry will continue to exhibit healthy growth in the U.S."

See <http://www.marketwatch.com/news/story/glitnir-bank-advises-nevada-geothermal/story.aspx?guid={EFE7A52B-D9FF-49D6-A8A0-101F3FA68EC5}&dist=hppr>.

Ormat: Analyst Upgrades Ormat's Stock Rating

Piper Jaffray analyst Charles Fishman upgraded his rating for Ormat Technologies to "Buy" from "Neutral," according to money.cnn.com. He noted Ormat's recent acquisition of 35,000 acres in Alaska, and said there is a strong demand for alternative energy such as its geothermal energy projects.

Fishman noted Ormat's stock price has fallen 20% in recent weeks, creating an opportunity for investors, and reiterated his earnings-per-share estimate of \$1.64 for fiscal 2009.

See <http://money.cnn.com/news/newsfeeds/articles/apwire/ebaed5851e3311a6ff836abb316ef9b5.htm>.

Raser: Business Strategy, Outlook Reaffirmed

Press Release—September 10, [Raser Management Reaffirms Strategy and Near-Term Outlook, Company Remains on Schedule to Bring First Power Plant into Service During October](#)

Management of Raser Technologies, Inc. (NYSE Arca: RZ) today reaffirmed its business strategy and expressed continued confidence in its near and long-term business outlook. The comments were in response to the unusually heavy trading volume and drop in the Company's share price.

Brent M. Cook, Raser's Chief Executive Officer, commented, "Raser Technologies has never been closer to achieving its goal of becoming a leading geothermal provider, and management's optimism and confidence regarding our prospects is at an all-time high. Nothing has changed in regards to our strategy and our outlook."

See <http://www.marketwatch.com/news/story/raser-management-reaffirms-strategy-near-term/story.aspx?guid={2E7BFAF3-6485-437A-940D-FFFCD7E4F138}&dist=hppr>

ThermaSource: Mud Logging Company Acquired

ThermaSource, the geothermal driller and systems installer, has acquired Tecton Geologic LLC, a Windsor-based geothermal well logging company, according to [pressdemocrat.com](#). Tecton does on-site rig monitoring and mud logging, or logging the nature of rock and presence of liquid in geothermal wells during drilling.]

"With the acquisition by ThermaSource, Tecton will have the ability to add more capacity to meet the increasing demand for mud logging services," said Alan Frazer, who will continue as president of Tecton.

See [http://www.pressdemocrat.com/article/20080909/BUSINESSJOURNAL/809090263/1062/sports0905&title=Geothermal driller ThermaSource acquires Tecton Geologic of Windsor](http://www.pressdemocrat.com/article/20080909/BUSINESSJOURNAL/809090263/1062/sports0905&title=Geothermal%20driller%20ThermaSource%20acquires%20Tecton%20Geologic%20of%20Windsor) .

Renewable and Climate Change News

National Geographic to Air Video About Geothermal Energy

On September 28 and 29, *National Geographic* will air a video called "Preserve Our Planet: Steam Drillers." From their Web site:

"Join Mega Green Tech as it journeys around the globe in search of what is perhaps the Earth's most available green energy: geothermal power. Visit Iceland, where an abundance of geothermal energy is helping Icelanders achieve an incredible 70% green energy use overall. Explore the world's largest geothermal power complex in northern California, and hear from scientists and visionaries racing to help geothermal technology not just dig deeper into the Earth's hottest layers but also to try to expand the potential of geothermal power across the planet."

See http://www.ngcasia.com/watch/program_details.aspx?id_program=6464.

Motley Fool Article Notes Geothermal in the News

An article in the *Motley Fool* noted that geothermal energy has had a "rash of news" lately, such as last month's news of Google.org's investment in Enhanced Geothermal Systems. The article said investors should "spend some time getting to know the space and the players," such as AltaRock, Ormat, and Raser.

See <http://www.fool.com/investing/general/2008/09/09/geothermal-rumblings.aspx>.

Article Notes Increased Investor Interest in Geothermal

An article on socialfunds.com talked about how Congressional attention and new technologies can add potential to geothermal production. Noting that “the rush to develop alternative energy sources has intensified in the last year,” the article said that “investors and environmentalists have taken note, finding in geothermal energy a renewable technology capable of providing clean energy in significant quantities without reliance on variable environmental factors.”

Companies like Ormat Technologies, Sierra Geothermal Power, and Nevada Geothermal Power can benefit from Senator Harry Reid's proposed Clean Renewable Energy and Economic Development Act, which will provide transmission lines, the article said. Carbon tax credits and other initiatives can help further investment in short-term development.

See <http://www.socialfunds.com/news/article.cgi/2551.html>.

State News

Alaska: Mt. Spurr Geothermal Lease Sale Successful, Ormat Highest Bidder

Alaska's Division of Oil and Gas held a geothermal lease sale for the Mt. Spurr area last week for the first time since the 1980s, according to a media release on Alaska's Department of Natural Resources Web site. Bids totaled over \$3.5 million. “A total of 36,057 acres divided into 16 tracts ranging in size from 250 to 2560 acres were sold. All of the tracts offered received bids. Ormat Nevada, Inc. was the highest apparent bidder for all but one of the tracts, beating out bids on four tracts by Iceland America Energy, Inc. Two tracts where there were known "hot spots," received bids of \$600 per acre totaling \$2.9 million,” the release said.

Kevin Banks, Director of the Division of Oil and Gas officiated at the sale "The energy consumers of the Railbelt should be excited that DNR has reached this milestone towards the potential development of a new and renewable alternative energy resource for the region,” Banks told press. “This sale is an example of how DNR can encourage resource development and assure that ALL Alaskans will share in its benefits.”

See

http://www.dnr.state.ak.us/standard/dsp_media_release.cfm?id=1066&title=Alaska%20Geothermal%20Lease%20Sale%20-%20Mt.%20Spurr and <http://www.reuters.com/article/email/idUSN1041654720080911>.
See sale results at the Division of Oil and Gas, <http://www.dog.dnr.state.ak.us>.

California: Two Energy Propositions for November Ballot Addressed

An article from the Sacramento Bee discusses two renewable energy initiatives on California's November ballot, providing clear explanations and throwing out the nicknames given by political commentators—“Big Solar” for Proposition 7 and “Big Wind” for Proposition 10. Instead, “For Proposition 10, think vehicles. For Proposition 7, it's power plants,” the article explains.

Proposition 7 Renewable Energy:

- Would require publicly owned utilities to reach 20% renewable energy sources by 2010, the standard now applied to corporations. Would also require all utilities to reach 40% by 2020 and 50% by 2025.
- The state would pay an estimated \$3.4 million more a year in administrative expenses, funded by fees paid by electricity customers, according to legislative analyst.

Proposition 10 Alternative Fuel, Renewable Energy:

- Would authorize \$5 billion in bonds to help consumers and companies buy high fuel economy or alternative fuel vehicles and to fund research into alternative fuel and renewable energy technologies. Would also provide grants to cities for renewable energy projects and to colleges for training programs.
- The state would pay an estimated \$10 billion over 30 years, with annual payments from the general fund of about \$335 million, plus another \$10 million a year through 2019 for unfunded administrative expenses. The state and local governments could collect more in state and local sales taxes and vehicle license fees.

See <http://www.wind-watch.org/news/2008/09/15/political-winds-buffet-california-ballot-measures-on-energy/>.

Nevada: Reno Heating Up for October Geothermal Events

Press Release—September 10, Record-Setting Attendance Expected at Geothermal Events in Reno

Geothermal experts and businesses from around the world will be converging on Reno, Nevada, in record numbers in early October. Reno is the site for the Geothermal Energy 2008 Conference and Expo sponsored jointly by the Geothermal Energy Association (GEA) and the Geothermal Resources Council (GRC). The Conference and Expo have already set pre-registration records, and will almost certainly be the largest international geothermal conference and expo ever held.

The Conference and Expo officially begin on Monday, October 6th. But, before the main events start, there will be a number of workshops open to the public. On Saturday, October 4th, GEA is hosting a "Geothermal Issues and Outlook Workshop." The day-long event features expert presentations and panel discussions examining federal and state policy initiatives - from tax credits to federal and state leasing - and their potential impact on geothermal energy. More information, a draft agenda, and registration for the workshop are available at: <http://www.geo-energy.org/>.

Also on Saturday, GRC will sponsor an Introduction to Geothermal Energy workshop, presented by the Geothermal Education Office. This free and fun event will take place on Saturday, October 4, 2008 at the Peppermill Resort in Reno from 10:00 a.m. - 1:00 p.m. (Sign-in begins at 9:30 a.m.) The workshop is designed for K-12 classroom teachers and other educators, but is open to anyone interested in learning about geothermal energy. BUT pre-registration is required, so please email geo@marin.org. *This e-mail address is being protected from spam bots, you need JavaScript enabled to view it in advanced to participate or download registration form at www.geothermal.marin.org.*

Starting Monday, the 6th, the Geothermal Energy Conference and Expo begin in full force. Speakers for the Opening Session on Monday include Nevada Governor Jim Gibbons, Dan Reicher, Director of Climate and Energy Initiatives at Google.org, Barry Andrews, President of Chevron Geothermal, and Yoram Bronicki, President of Ormat. For a complete agenda, or more information about GRC events, visit www.geothermal.org.

At noon on Monday, the Geothermal Energy Expo opens, featuring nearly 100 exhibits from companies ranging from Glitnir Bank to Vulcan Power. Regular events and speakers are scheduled for the Expo Hall from Monday through noon on Wednesday. Admission to the Expo on a daily basis is only \$35. For a complete list of exhibitors or for more information please go to http://www.geo-energy.org/2008_ts/index.htm.

International News

Australia: Hot Rock Seeking Government Grants

Australia's Hot Rock Ltd will seek up to A\$60 million (\$49 million) in government funds for geothermal energy generating projects, according to hemscott.com. "We will be looking for federal government support of A\$30 million and the Victoria state government for A\$30 million under early development schemes," Mark Elliott, managing director, told press.

The Australian government has set aside half a billion for alternative energy projects such as geothermal, wind, and solar. Hot Rocks owns the Otway Basin project in Victoria, one of the world's largest known sedimentary geothermal resources, according to the article.

See <http://www.hemscott.com/news/static/tfn/item.do?newsId=67010081127372>.

Greece: Reports, Drilling Show Geothermal Potential

Greece, committed to the Kyoto Protocol and the EU's greenhouse gas emissions legislative targets, is looking for alternative energy sources, according to speroforum.com. The Institute of Geology and Mineral Exploration has put the geothermal electrical output potential across Greece at 500 MW, while a U.S. Commercial Service report last year said there could be much more—up to 2000 MW. Exploratory drilling on the island of Nisyros has shown potential, the article said, and energy providers in the country are interested in development.

See <http://www.speroforum.com/site/article.asp?idarticle=16123>.

Iceland: Drilling Reveals Geothermal Resource on Grímsey Island

Icelandreview.com reported geothermal energy available on Grímsey, Iceland's northernmost inhabited island. Islanders use diesel oil for electricity and heating, but experimental drilling has shown that geothermal energy could be used instead. Fridfinnur Daniélsson, an engineer at Alvarr responsible for the experimental drilling told press, "It looks promising. The hole has become 460-meters deep and the heat at the bottom is 65 degrees [149°F]. I think the drill has cut a 55-degree vein at a depth of 400 meters, but it is difficult to estimate. We plan to drill much deeper."

See http://www.icelandreview.com/icelandreview/daily_news/?cat_id=16539&ew_0_a_id=311774.

Kenya: Industrialists, Environmentalists at Odds on Crater's Plant Potential

Menengai Crater in Nakuru, Kenya, has been the subject of proposals to establish geothermal production, according to nation.co.ke. But the area's industrialists have gotten backlash from environmental conservationists, opposed to development of the crater.

Local business owners, textile manufacturers, and others have reported major problems revolving around the energy demand, the article stated. They have lost expensive equipment due to power surges, have had to buy generators to sustain production, have lost to competitors in Egypt and South Africa, and have been unable to meet export delivery schedules. They have also had to reduce staff.

"The establishment of another geothermal power station will go a long way in alleviating the electricity shortage this country has been having over the years," a Nakuru industrialist told the press. He said that the Ol Karia Power Station and the Hell's Gate National Park have a symbiotic relationship and that a geothermal plant in the Menengai Crater would not be harmful.

See <http://www.nation.co.ke/News/-/1056/470284/-/tksd7e/-/>.

New Zealand: Te Mihi Project Approved for Geothermal Development

Contact Energy received approval for the 220-MW Te Mihi geothermal station in Taupo, New Zealand, according to stuff.co.nz. The project will provide the country with energy for more than 200,000 homes. "Geothermal projects like Te Mihi will make an important contribution towards a secure supply of electricity while at the same time moving towards a higher renewables future," Contact chief executive David Baldwin told press.

See <http://www.stuff.co.nz/stuff/eveningstandard/4693370a6410.html>.

Notices and Employment Opportunities

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 United States 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.

Forseo to Release "Investor's Guide to Geothermal Energy" (end of September)

“The Investor’s Guide to Geothermal Energy” provides a comprehensive and market driven insight into all important aspects of geothermal business and project development. It serves as a practical reference tool for the financial community, for stakeholders from the industry, and for novices to geothermal energy. Each project stage, from site identification, exploration, site development, power plant construction to operation and maintenance is looked at from an investor’s point of view, including capital costs & cost affecting factors, financing instruments & incentives, associated risks & risk mitigation tools, geoscientific & technology barriers and solutions, and investment opportunities and market drivers.

Recognized experts and leading geothermal companies are sharing their insight to make this publication the first of its kind. Sterr-Kölln & Partner is the main contributor to the content of the publication. The target groups are investors and lenders, project developers, utilities, consultancies, insurance companies and other market players. The publication is endorsed by the IGA (International Geothermal Association) and SEFI (Sustainable Energy Finance Initiative).

For more information please contact Birgit Eggl at birgit.eggl@forseo.de or visit <http://www.forseo.eu/english/publications/the-investor-s-guide-to-geothermal.html>.

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 Renewable Energy, Northern California Power Agency (September 23)

The Northern California Power Agency (NCPA) is accepting proposals for up to 58MW of Eligible Renewable Resources, Landfill Gas supplies, and other renewable energy sources to meet the expected long-term electric power needs of its Members.

This RFP is limited to those parties who currently have rights in, own, or propose to develop Eligible Renewable Resource electric generating facilities, own and operate landfill facilities, or have rights to other

renewable energy sources which NCPA may use to develop an Eligible Renewable Resource electric generating facility. Responses due 9/23/08.

For more info, contact Dana Griffith at Dana.Griffith@NCPA.com. (Green Power Network 8/15/08)

RFP for Energy Frontier Research Centers, U.S. DOE (October 1)

The U.S. Department of Energy requests proposals for Energy Frontier Research Centers (EFRCs) to accelerate the rate of scientific breakthroughs needed to create advanced energy technologies for the 21st century. The EFRCs will pursue the fundamental understanding necessary to meet the global need for abundant, clean, and economical energy. Through this initiative, DOE seeks to bring together the skills and talents of multiple investigators to enable fundamental research of a scope and complexity that would not be possible with the standard individual investigator or small group research project. \$500 million expected to be available, up to 50 awards anticipated.

Responses due 10/1/08. For more info, contact Emiela Bradford at emiela.bradford@ch.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/933104E42D0185E58525742100694C78?OpenDocument>. Refer to Sol# DE-PS02-08ER15944. (Grants.gov 4/4/08)

RFP for Early Stage Clean Energy, New York State Energy Research and Development (October 1)

The New York State Energy Research and Development Authority requests proposals for Early Stage Support for Developers of Renewable and Clean Energy Technologies. Through this initiative, NYSEDA seeks to create sustainable support networks and infrastructure for early stage renewable and clean energy technology companies and entrepreneurs and provide them with critical opportunities to facilitate partnerships and develop or market products. \$5.77 million expected to be available, individual awards NTE \$1.5 million. Responses due 10/1/08.

For more info, contact Judy Jarnefeld at jj1@nyserda.org or go to: <http://www.nyserda.org/Funding/1216pon.asp>. Refer to PON# 1216.

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 not 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 bloomer.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)

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/tmlpresp/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 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>.

Upcoming Events

Arizona Geothermal Working Group Meeting, September 19 (Tucson, AZ)

Join us at the Reid Park Zoo's new Platinum LEED facility (1030 South Randolph Way) to learn about the latest local and national activities in geothermal energy development. Agenda topics will include an assessment of Arizona's carbon sequestration potential, Western Governors' Association's Western Renewable Energy Zone Initiative, project updates and more!

10:00 – 10:30 a.m. Meeting Participant Introductions

10:30 – 10:45a.m. Residential and Commercial Incentive Program, Mark Romito, Tucson Electric Power Company: A summary of TEP's renewable energy rebate program, status of funding and opportunities for geothermal will be presented.

10:45 – 11:00 a.m. Geothermal Leasing on Federal Lands and BLM's Geothermal Programmatic Environmental Impact Statement (PEIS) Update, Jim Witcher, Witcher and Associates: A review of the BLM leasing process to access geothermal resources of federal lands and a status report on the Draft PEIS.

11:00 – 11:30 a.m. Arizona's Carbon Sequestration Potential, Steven Rauzi, Arizona Geological Survey: A discussion on a recent evaluation of Arizona potential geological sequestration areas.

11:30 – 12:00 Identifying Renewable Energy Zones, Amanda Ormond, Ormond Group: State and regional efforts are underway to identify areas throughout the West with large amounts of renewable energy. These zones are being evaluated to help determine the placement and amount of transmission needed to bring

remove renewable energy generation to market. Amanda will discuss the Western Zone Initiative of the Western Governors' Association and the Southwest Area Transmission effort.

12:00 – 1:00 p.m. Networking Lunch Sponsored by GeothermEx Inc

1:00 – 1:30 p.m. Strategic Plan for Arizona, Paul Morgan, Northern Arizona University: Dr. Morgan will lead a discussion to identify the legislative, economic, and educational barriers and opportunities to development.

1:30 – 2:00 p.m. Deep Geothermal Potential for Small-Scale Power Generation in the Arizona Basin and Range, Jim Witcher, Witcher and Associates: Jim Witcher will discuss the area's geology, prospects and give a case study of potential economics.

Lunch is being provided for participants. To reserve your place, please RSVP to Pat Ponce by Wednesday, September 17 at patricia.ponce@nau.edu or by calling 928-523-2380.

Brita Climate Ride, September 20–24 (New York to D.C.)

Seeking participants from all sectors of renewable energy. On the eve of the elections, one hundred Climate Riders will cycle from New York City to Washington DC to make a powerful statement about the need for renewable energy legislation and climate change awareness. Join fellow Climate Riders for a beautiful ride that begins in the urban landscape of Manhattan, then meanders through rural New Jersey, Pennsylvania, and the equine estates of Maryland to the ride finale in Washington, DC. Along the way, expert speakers meet our cyclists each evening to discuss climate science, green technology, and how to reduce our carbon footprint. Meet people committed to resolving the climate crisis, make your voice heard, and benefit an important cause—all on an unforgettable vacation!

To learn more about Climate Ride and our beneficiaries, visit www.ClimateRide.org or email info@climateride.org.

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.

8:30 a.m., 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

- Ryan Pletke, Black and Veatch (transmission RETI and WGA)
- John McCaull, GEA Western States Representative
- Dan Schochet, Chairman of the Nevada Governor's Renewable Energy Transmission Access Advisory Committee
- Representative, Nevada Power*

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.

- Curt Rich, Van Ness Feldman*
- 11:00 Climate Change: State and Federal climate change laws and legislation, and what they may mean for geothermal energy.
 - Bob Epstein, Environmental Entrepreneurs (climate change legislation, ETAAC member)
 - Ann Notthoff, NRDC*
 - Sheridan J. Pauker, Wilson, Sonsini, Goodrich and Rosati
 - Karl Gawell, GEA

Noon: Lunch -- Networking

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 are discussed.

- V. John White, CEERT*
- Jan-Smutney Jones, IEP
- Karl Gawell/John McCaull, GEA
- John A. McKinsey, Stoel Rives
- Layne Ashton, Raster Technologies

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, U.S. DOE
- William Glassley, CGEC, formerly CEC
- Lisa Shevenell, UNR Great Basin Center

3:00 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, U.S. Forest Service
- Additional BLM/FS Representatives

Part II

- Paula Blaydes, Western GeoPower
- Doug Glaspey or Roy Mink, U.S. 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.

For information or to register, go to www.geo-energy.org, or contact Daniela Stratulat at 202-454-5241 or email Daniela@geo-energy.org.

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, 7:00pm-11pm

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, 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:

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

RETECH Renewable Energy Technology Conference & Exhibition, February 25–27, 2009 (Las Vegas, NV)

RETECH 2009 is expected to be the largest all-renewables gathering in the U.S. in 2009, with an attendance of over 5,000 people. The event is planned to increase in scale in coming years to 10,000 attendees and 500 exhibitors, which will make it the largest event of its kind worldwide. Packed with a full-scale Trade Show with press conferences and product launches, an exciting six-track Business Conference, and RETECH Side Events, RETECH 2009 will offer educational and networking opportunities for a wide range of participants. RETECH is managed by ACORE and Partnering Organizations. RETECH 2009 will be held at the Las Vegas Convention Center in Las Vegas: 3150 Paradise Road, Las Vegas, NV 89109

Visit <http://www.retech2009.com/> for more information.

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

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 abstract-selected participants the recognition of a worldwide audience on sessions related to technology, markets, business strategies and policy covering the wind, solar, biomass, hydro, geothermal,

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

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.)

The Canadian Geothermal Energy Association (CanGEA) announces their Conference and AGM on April 16–17, 2009 in Vancouver, B.C.

CanGEA's also announces its corporate members website is up and running. Corporate members have access to job postings, committee information (progress, research), presentations, and business opportunities (international JVs, work up for bid, or other geothermal prospects). Updated library of links and pdfs of Canadian geothermal research papers and documents (from multiple resources), reserves (geothermal energy potential, estimates for Canada), and online advertising opportunities will soon be available.

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