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National News

House Members Propose 5 Year Production Tax Credit Extension

Rep. Earl Pomeroy, D-N.D, recently announced legislation to extend the deadline for new geothermal and other renewable energy projects to qualify for the federal production tax credit to January 1, 2014. The bill, H.R. 197, was cosponsored by Rep. Jim Ramstad (R-MN), Mark Udall (D-CO) and Zach Wamp (R-TN). Reps. Pomeroy and Ramstad are both members of the House Ways and Means Committee. Reps. Udall and Wamp are the co-chairs of the House Efficiency and Renewable Energy Caucus.

In a joint letter to all members of the House urging them to join as cosponsors of H.R. 197, Reps Pomeroy-Ramstad-Udall-Wamp wrote: “The production tax credit (PTC) is critical for the continued development of America’s renewable industries. “ “The unique nature of this tax credit requires that facilities be operational before the credit can be claimed. Because manufacturing and construction times are typically several months long, the industry will be negatively affected long before the actual expiration date. That’s why an extension of the production tax credit should be enacted as soon as possible.”

Before adjourning the 109th Congress last month, Congress extended the tax credit’s deadline to January 1, 2009 – one year longer than the provision adopted as part of the Energy Policy Act of 2005. The production tax credit provides 1.9 cents per kilowatt hour tax credit for electricity generated during the first 10 years of operation for a new facility placed in service by the deadline.

The Congressmen noted in their letter that “Since its inception, the PTC has helped the United States create thousands of megawatts of new clean, renewable electricity, resulting in thousands of new jobs and billions

of dollars worth of economic activity.” Rep Pomeroy also noted to the press that the tax credit has expired three times since 1999, causing "tremendous disruptions" to the wind industry. The Congressional Budget Office has yet to estimate the cost of a five-year extension of the credit, Pomeroy said. He would like to see it made permanent. *For more information, please visit* <http://www.bismarcktribune.com/articles/2007/01/09/news/state/126770.txt>

Senate Bill to Focus on Renewable Energy

According to the Senate Energy Committee Democrats, S.6 – the National Energy & Environmental Security Act of 2007, will be part of the agenda at the end of the “100 Days” Congressional schedule. Senate Democratic Leadership has energy security as a priority for the 110th Congress, with goals to pass legislation that will enhance America's security by reducing our nation's dependence on foreign and unsustainable energy sources and the risks of global warming by requiring reductions in emissions of greenhouse gases ... by diversifying and expanding our use of secure, efficient and environmentally friendly energy supplies and technologies ... by reducing the burdens on consumers of rising energy prices ... by repealing tax giveaways to big energy companies...and by preventing energy price gouging, profiteering and market manipulation. As Sen. Bingaman made clear in his floor remarks, he sees a bipartisan approach as essential to accomplishing those goals.

House Democrats Introduce Bill to Ban ANWR Drilling

A bill to make permanent the current ban on drilling for oil in the Arctic National Wildlife Refuge, ANWR, was one of the first measures proposed in the House of Representatives. The bill, known as the H.R.39, the Udall-Eisenhower Arctic Wilderness Act, has been referred to House Committee on Natural Resources. Bills to allow drilling in the refuge have passed the House 10 times in previous Congressional sessions, but these measures have all been turned back by the Senate, Environmental News Service reports. The current measure is sponsored by Massachusetts Congressman Edward Markey, a Democrat, and cosponsored by Minnesota Congressman Jim Ramstad, a Republican. “I am proud to cosponsor this important legislation to permanently protect this pristine wilderness for all Americans,” Ramstad said. According to estimates by the U.S. Geological Survey, ANWR holds between 5.7 and 16 billion barrels of recoverable reserves, with a mean estimate of 10.4 billion barrels. The Bush administration supports drilling in the refuge. Then Energy Secretary Spencer Abraham told the National Petroleum Council in June 2004, "We have been working with members of both parties on Capitol Hill to pass a bill that would encourage large-scale domestic petroleum production in the Arctic National Wildlife Refuge." *For more information, please visit* <http://www.ens-newswire.com/ens/jan2007/2007-01-08-02.asp>.

Bush Wants Earmarks Cut in Half for Fiscal 2008

President Bush said Congress must reduce its use of earmarks, proposing that lawmakers cut by at least half "the number and cost" of earmarks in the fiscal 2008 appropriations bills, according to a recent Congress Daily article. "Congress needs to adopt real reform that requires full disclosure of the sponsors, the costs, the recipients, and the justifications for every earmark," Bush said. "Congress needs to stop the practice of concealing earmarks in so-called report language. Incoming House Budget Chairman John Spratt, D-S.C., on Wednesday issued a statement welcoming Bush's "newfound commitment to a balanced budget" but questioning how -- with obligations such as the need to pay for the war in Iraq and to reduce the alternative minimum tax -- Bush planned to do it. The incoming Democratic chairmen of the House and Senate Appropriations committees previously announced that no earmarks would be included in the unfinished fiscal 2006 spending bills. House Majority Leader Steny Hoyer, D-Md., said under the Democratic rule changes lawmakers would still be allowed to place earmarks in bills but that the purpose would have to be made clear and the sponsor identified, rules that will be applied to all committees and would be defined in the rule for each bill. *For more information, please visit* http://www.govexec.com/story_page.cfm?articleid=35793&dcn=e_twa.

House and Senate Appropriations Subcommittee Chairs, 110th Congress

<u>Appropriations Subcommittee</u>	<u>Senate Chair</u>	<u>House Chair</u>
Agriculture, Rural Development, Food and Drug Administration, and Related Agencies	Herb Kohl (D-WI)	Rosa Delauro (D-CT)
Commerce, Justice, Science, and Related Agencies	Barbara Mikulski (D-MD)	Alan Mollohan (D-WV)
Defense	Daniel Inouye (D-HI)	John Murtha (D-PA)
Energy and Water Development	Byron Dorgan (D-ND)	Peter Visclosky (D-IN)
Financial Services and General Government	Dick Durbin (D-IL)	Jose E. Serrano (D-NY)
Homeland Security	Robert Byrd (D-WV)	David Price (D-NC)
Interior, Environment, and Related Agencies	Dianne Feinstein (D-CA)	Norman Dicks (D-WA)
Labor, Health and Human Services, Education, and Related Agencies	Tom Harkin (D-IA)	Dave Obey (D-WI)
Legislative Branch	Mary Landrieu (D-LA)	Debbie Wasserman Schultz (D-FL)
Military Construction, Veterans Administration, and Related Agencies	Tim Johnson (D-SD)	Chet Edwards (D-TX)
State, Foreign Operations, and Related Programs	Pat Leahy (D-VT)	Nita Lowey (D-NY)
Transportation, Housing and Urban Development, and Related Agencies	Patty Murray (D-WA)	John Olver (D-MA)

Clean Energy Sector Popular for Investors in 2006, More Expected in 2007

According to a year-end report from Dow Jones Venture One and Ernst & Young, 60 "clean tech" companies accounted for \$585.6 million in venture funding in the United States through the first three quarters of 2006. That capital represents a 30 percent increase over 2005. Experts expects a similar increase over 2007, as oil prices continue to increase.

For more information (with a focus on New England clean energy investment), please visit http://www.bizjournals.com/masshightech/stories/2007/01/08/story14.html?from_rss=1.

Geothermal Development Worldwide: Reuters Article

A recent Reuters article begins, "Geothermal power is on the rise as expensive oil and gas make it increasingly competitive despite high capital costs, but a wider reliance on the renewable energy will only come if heat can be tapped from dry rocks."

"Several countries are now experiencing an accelerated growth rate in geothermal power development," said Mike Mongillo, of the International Energy Agency's Geothermal Implementing Agreement, a framework for geothermal research. "Assuming the most positive scenario, it might be possible for geothermal to provide 5 percent of the world's electricity by 2020." The U.S. is noted as one of several countries with significant potential and growth. Others include Iceland, Philippines, Germany, and Indonesia.

Barriers named include high capital costs for land and deep drilling. While European increases in geothermal energy are not substantial, many European countries such as France or Sweden use naturally hot water, which reduces power generation demand, or heat pumps that use underground pipes to tap the earth's warmth. "The situation of very low temperature geothermal energy is much more favorable," said the European Commission in a report, adding this sector could reach 8,000 MW capacity by 2010. Further developments could come from hot dry rock geothermal. "HDR opens up new regions and shows potential is possible anywhere, not just in volcanic regions," said Doone Wyborn of Geodynamics, aiming for 3,000 MW in Australia by 2030.

For more information, please visit http://today.reuters.co.uk/news/articlenews.aspx?storyid=2007-01-04T105032Z_01_NOA439018_RTRUKOC_0_GEOTHERMAL-POWER.xml.

Oil Group Blasts US Democrats' Tax Agenda

GEA recently reported on the U.S. House Democrats' energy bill that would repeal significant oil subsidies and set up a reserve fund for renewable energy. According to oil lobbying group American Petroleum Institute, that proposal would put U.S. oil firms at a disadvantage compared to foreign-based oil companies. House Democrats plan to vote on Jan. 18 to disqualify oil and gas companies from receiving a reduced corporate tax rate provided in the 2004 tax bill, "The American Jobs Creation Act." Repealing the tax break would raise between \$5 billion to \$6 billion in tax revenue over the next decade, a House Democratic aide said. Lobbyists for oil say that the oil industry came out as net losers under the Energy Policy Act of 2005's tax provisions. While the industry received \$1 billion in geological and geophysical tax incentives and \$400 million worth of incentives for refinery investments, the industry also had to pay \$2.5 billion into an oil spill fund, they said. But many Senators agree that Big Oil doesn't deserve the multi-billion dollar tax subsidy given to them in the 109th Congress. *For more information, please visit http://www.rigzone.com:80/news/article.asp?a_id=39740.*

Company News

Geothermal Drilling Planned for Pumpnickel Project, Nevada

Vancouver, British Columbia (January 5, 2007) Sierra Geothermal Power Corp (TSX-V: SRA) is pleased to report that three thermal gradient wells (temperature survey) and a seismic survey are planned for the Pumpnickel geothermal power project in Nevada. Work is anticipated to commence upon permitting approval. The drilling and geophysical survey is expected to enhance our understanding of the characteristics of the Pumpnickel geothermal reservoir and is the last stage of exploration required prior to drilling a deep production assessment well.

The exploration program is operated by Nevada Geothermal Power Inc. (TSX-V: NGP, OTCBB: NGLPF). Sierra Geothermal Power Corp. has an option to acquire a 50% interest in the Pumpnickel Geothermal Project from Nevada Geothermal Power Inc.

Widespread geothermal fluids are being channeled to the surface (hot springs) through range-front faults, which suggests potential for an electricity-grade geothermal resource. Combined data from the previously drilled wells define a field of at least 1.5 by 3.5 km with thermal gradients >100o C/km. The geothermal gradients in both the Magma and PVTG-3 wells increased near the bottom of the holes to 160o C/km and 200o C/km, respectively (Shevenell and Garside, 2003).

David Blackwell, PhD, a well known geothermal heat flow expert and the world's foremost expert in temperature gradient analysis, has identified the Pumpnickel site as one of the top geothermal prospects in Nevada. *To view the press release, please visit*

<http://www.inovisionsolutions.com/s/NewsReleases.asp?ReportID=165165& Type=News-Releases& Title=Geothermal-Drilling-Planned-for-Pumpnickel-Project-Nevada>.

Polaris Geothermal Completes First Tranche of Unit Financing

Polaris Geothermal Inc. ("Polaris Geothermal" or the "Company"), (TSX VENTURE:GEO) a renewable energy geothermal power producer, is pleased to announce that it closed on December 29, 2006 the first tranche of its previously announced offering of 9,600,000 units (the "Units") at a price of \$1.25 per Unit. The first tranche was comprised of 9,462,000 Units for gross proceeds of \$11,827,500. Each Unit consists of one class A common share and one share purchase warrant (a "Warrant"). Each Warrant entitles the holder to acquire one class A common share ("Common Share") of Polaris Geothermal at an exercise price of \$1.50 for a period of 24 months from the date of issuance. The Warrants are subject to an acceleration clause that if, at any time after six months following the closing of the Offering, the closing price of the Common Shares of the Company on the TSX Venture Exchange or the Toronto Stock Exchange exceeds \$2.50 per share or higher for a period of twenty (20) consecutive trading days, then the Company shall give notice to the investors that the Warrants must be exercised or they will expire thirty (30) days after such notice. It is expected that the second tranche of \$172,500 will be closed in the first week of January, 2007.

To view the press release, please visit

<http://www.ccnmatthews.com/news/releases/show.jsp?action=showRelease&searchText=false&showText=all&actionFor=629186>.

Renewable Energy News

Global Renewable Energy Conference to be in US in 2008

The 2008 Washington International Renewable Energy Conference (WIREC 2008) will be held in the U.S. capitol, with approximately 5,000 attendees expected to take part in the international event, including delegates from 150 countries, according to The American Council On Renewable Energy (ACORE). Planned for March 1-7, 2008, the conference will be produced as a public-private partnership. Conference management is being coordinated by ACORE, which is raising \$10 million to fund the cost of the conference, in accordance with a December 13, 2006 letter issued to ACORE by the U.S. Department of State expressing the government's interest in hosting the event. The global conference will build on similar conferences held in Bonn, Germany in 2004 and Beijing, China in 2005. Those landmark conferences focused on national Action Plans, with respect for sovereignty, independence, and voluntary collaboration among nations. WIREC 2008 will continue that theme, encouraging continued voluntary collaboration among nations. *For more information, please visit*

<http://www.renewableenergyaccess.com:80/rea/news/story?id=47047>

25 x '25 Includes Geothermal Energy

A recent study from the University of Tennessee projects that America's farms, ranches and forests can provide 25 percent of the nation's need for fuel and electricity by 2025. According to the report, this use of renewable energy sources would reduce our reliance on foreign oil, reduce the output of greenhouse gases, and provide thousands of rural jobs and add billions to the rural economy. Besides fuels like ethanol and biodiesel, the so-called "25 x '25" objective involves a variety of other renewable energy sources, including geothermal energy. 22 U.S. Governors have endorsed the "25 x '25" goal. The article specifically notes that installed geothermal electricity facilities produce enough electricity to power approximately 1.6 million U.S. households, but the DOE expects there will be enough capacity within 10 years to meet the needs of nearly 10 million households. *For more information, please visit* <http://www.post-gazette.com/pg/07009/752261-28.stm>.

Climate Change News

EIA Analysis of Mandatory Climate Legislation Shows: Detailed Plan Won't Harm U.S. Economy

The Energy Information Administration (EIA) recently released an analysis of a highly detailed discussion draft on global warming legislation. The findings: mandatory steps to reduce greenhouse gas emissions can be achieved at very low cost to American households and without harming the U.S. economy. EIA, created by Congress in 1977, is a statistical agency of the U.S. Department of Energy. Its mission is to provide policy-neutral data, forecasts and analyses to promote sound policymaking, efficient markets and public understanding regarding energy and its interaction with the economy and the environment.

Bingaman initially proposed global warming legislation as an amendment to the Energy Policy Act of 2005. That amendment was not offered, but a bipartisan "Sense of the Senate" resolution based on it was and passed in the Senate with 53 votes. A year later, after dozens of meetings with Republican and Democratic Senate offices, stakeholder groups and others, and an all-day workshop on climate policy, a modified draft was given to EIA for analysis. A bipartisan group of six Senators – Bingaman, Arlen Specter, Mary Landrieu, Lisa Murkowski, Ken Salazar and Dick Lugar – asked the agency to analyze the revised proposal.

Sen. Bingaman: "I am committed to developing bipartisan climate change legislation that can pass the Congress this year. Getting good analysis of draft legislation is the critical first step to understanding the impacts of global warming policy. I plan to hold a hearing to review the results of this analysis."

Sen. Specter: "I thank EIA for this report and look forward to reviewing it thoroughly. I am particularly interested in its analysis of domestic energy supplies, such as our abundant coal resources, which are crucial for national security and energy independence. I look forward to working with my colleagues on the serious and important issue of global climate change."

Sen. Landrieu: "Understanding the economics of climate change is a crucial part of developing responsible policies that protect both our economy and our environment. This analysis provides us with important information on the path forward."

Sen. Murkowski: "Climate change is a serious issue that we need to address. As we consider placing mandates on greenhouse gas emissions we must understand the impacts that such action will have on our economy. The analysis done by EIA will give Congress valuable information as we move forward in our deliberations."

Sen. Salazar: "As we consider the alternatives for tackling the problem of climate change, it is important that we understand the impacts of regulation on our economy. The effects of global warming are serious and we should continue to study and monitor the direct threat posed to our way of life. As my colleagues and I continue to study the economic impacts of climate legislation, we look forward to working with all of our colleagues in the Senate to craft a solution to this important problem."

Sen. Lugar: "The threat of climate change has been made worse by inefficient and unclean use of energy. In the long run this could bring drought, famine, disease and mass migration, all of which could lead to conflict and instability. This study is part of the analysis necessary for us to consider as we take action to reduce these threats. I thank the EIA for its contribution."

According to EIA, the climate plan would have the following impacts:

- **A meaningful start towards reducing emissions.** Compared to projected emissions without the program, emissions are lowered by 5% (372 million tons) in 2015 and 11% (909 million tons) in 2025, and 14% (1259 million tons) by 2030.

- **Economic effects that are almost non-detectable.** Costs to the U.S. economy would total 0.1% of GDP through 2030. Cumulative GDP is projected to double from 2006 to 2030. (See attached slide)
- **No substantial increase in electricity prices.** Electricity prices would rise by less than 11% by 2030.
- **A continued vital role for coal in our energy mix.** Coal use would grow by 23% by 2030 compared to 53% without the program.
- **No substantial shift to natural gas in generation.** Natural gas demand is projected to increase by a mere 1% by 2030.
- **A meaningful boost for renewable energy.** Non-hydro renewable electricity generation would rise by 53% by 2030.

The pdf of the report has been posted on the EIA web at:

[http://www.eia.doe.gov/oiaf/servicrpt/blmss/pdf/sroiaf\(2007\)01.pdf](http://www.eia.doe.gov/oiaf/servicrpt/blmss/pdf/sroiaf(2007)01.pdf). Detailed spreadsheets of the report results are posted along with the .pdf at: http://www.eia.doe.gov/oiaf/service_rpts.htm.

Canadian Arctic Ice Shelf Collapses

Continuing a trend of decreasing ice shelf area in Canada's high north, one of six remaining ice shelves broke off from Ellesmere island, which is about 800km (500 miles) from the North Pole. The break created an ice floe 66 square kilometers (25 square miles) in size, larger than Manhattan. While the ice floe is currently locked in place by winter sea ice, there is concern it may migrate to oil and gas producing areas in the Beaufort Sea in the summer season. The ice shelf disintegrated in August of 2005, but because of its remoteness is only being reported now, after satellite images have been analyzed.

Luke Copland, an assistant professor at the University of Ottawa, said a combination of low accumulations of sea ice around the edges of the ice mass, as well as the Arctic's warmest temperatures on record, contributed to the break. The region was 3°C (5.4°F) above average in the summer of 2005, he said. Ice shelves in Canada's far north have shrunk by as much as 90 percent since 1906. "It's hard to tie one event to climate change, but when you look at the longer-term trend, the bigger picture, we've lost a lot of ice shelves on northern Ellesmere in the past century.... This is that continuing and this is the biggest one in the last 25 years," he said. *This information was reported by EESI.*

2006 Warmest Year on Record in U.S.

The National Oceanic and Atmospheric Administration announced that 2006 was the warmest year on record in the United States, nearly identical to the previous record set in 1998. "No one should be surprised that 2006 is the hottest year on record for the U.S.," said Dr. Brenda Ekwurzel, a climate scientist with the Union of Concerned Scientists. "When you look at temperatures across the globe, every single year since 1993 has fallen in the top 20 warmest years on record. Heat-trapping global warming gases remain in the atmosphere for decades or centuries. Realistically, we have to start fighting global warming in the next 10 years if we want to secure a safe environment for our children and grandchildren." *To view the press release, please visit http://www.ucsusa.org/news/press_release/2006-warmest-year-on-record.html*

New Report - Lessons from the Pioneers: Tackling Global Warming at the Local Level

The January 2007 report, *Lessons from the Pioneers: Tackling Global Warming at the Local Level* looks at ten of the most visible and successful cities involved in global warming solutions and finds that reducing

GHG emissions below 1990 levels will be a major challenge. Many cities will likely not meet their goals unless complementary state and federal policies are put in place very soon, the report says. Findings include:

- As of early January 2007, 355 mayors in communities representing over 54 million Americans in 49 states have signed the U.S. Mayor's Climate Protection Agreement (formalized in June 2005). The findings of the report include:
- In all cities, community-wide emissions have risen since 1990, sometimes dramatically. Based on progress to date, it is unlikely that more than one or two of our ten cities and quite possibly none, will reduce their GHG emissions 7 percent below 1990 levels by 2012. Overall emissions increases ranged from 6.5 percent to 27 percent from 1990 baseline measurements. An exception was Portland, Oregon, which reports a tiny 0.7 percent increase above the 1990 baseline.
- Almost all of the cities we surveyed were expecting to realize a significant portion of their GHG reductions as a result of actions taken by higher levels of government
- Cities are not investing significant amounts of their own money to reduce GHG emissions. This may be understandable, given tight budgets, but cities should remember that energy-related investments, unlike many public investments, repay themselves, often in relatively short time frames.

To view the press release, please visit <http://www.newrules.org/de/archives/000150.html>.

NASA's Dr. Hansen Warns on Climate Tipping Point

In an interview with The Independent, Dr. James Hansen, director of the NASA Goddard Institute for Space Studies, expressed concern that the world has less than 10 years to begin to curb carbon dioxide emissions before global warming runs out of control and changes the landscape forever. Dr. Hansen said there are already worrying signs that global warming is beginning to trigger dangerous "positive feedbacks" within the climate, which can accelerate the rate of climate change. "We just cannot burn all the fossil fuels in the ground. If we do, we will end up with a different planet. I mean a planet with no ice in the Arctic, and a planet where warming is so large that it's going to have a large effect in terms of sea level rises and the extinction of species," he said. "The greatest concern is that positive feedbacks at high latitudes do in fact seem to be coming into play. We can't just let those feedbacks get out of control or we will have passed a tipping point," he said. "If we go another 10 years, by 2015, at the current rate of growth of CO2 emissions, which is about 2 per cent per year, the emissions in 2015 will be 35 per cent larger than they were in 2000. But if we want to get on a scenario that keeps global temperature in the range that it's been in for the last million years, we would need to decrease the emissions by something of the order of 25 per cent by the middle of the century, and by something like 75 per cent by the end of the century." *This information was reported by EESI.*

Climate Change and El Nino May Make 2007 Warmest Year

British climate scientists predict that a resurgent El Nino climate trend combined with ever-higher levels of greenhouse gases could make 2007 the world's hottest year on record. The warmest year on record is 1998, when the average global temperature was 0.52 degrees Celsius (1.2 degrees Fahrenheit) higher than the long-term average of 14 degrees C (57 F). There is a 60 percent chance that the average global temperature for 2007 will match or break that record, said Britain's Meteorological Office. "El Nino is an independent variable," an expert said. "But the underlying trend in the warming of the earth is almost certainly due to the release of carbon dioxide into the atmosphere." *For more information, please visit http://www.iht.com/articles/ap/2007/01/04/healthscience/EU_SCI_World_Global_Warming.php.*

Climate Change Could Turn Amazon into Grassland, Research Indicates

Jose Antonio Marengo, a meteorologist with Brazil's National Space Research Institute, said that global warming, if left unchecked, will reduce rainfall and raise temperatures substantially in the ecologically rich region. According to Marengo, "The worst case scenario sees temperatures rise by 5 to 8 degrees until

2100, while rainfall will decrease between 15 and 20 percent. This setting will transform the Amazon rain forest into a savanna-like landscape," Marengo said. The study, financed by the World Bank and the British government, seeks to project climatic changes that will affect Brazil over the next 100 years. About 20 percent of the rain forest has already been cut down and while the rate of destruction has slowed in recent years, environmentalists say it remains alarmingly high. *For more information please visit <http://www.wvva.com/News/index.php?ID=9669>.*

Bush, Germany Pledge Climate Cooperation

During a joint January 5 White House news conference, President Bush and German Chancellor Angela Merkel both pledged better cooperation on addressing global warming. Bush said he was open to new ideas to confront climate change. Bush said, "We talked about climate change. And I assured the Chancellor that I've been committed to promoting new technologies that will promote energy efficiency, and at the same time do a better job of protecting the world's environment. And I believe there's a chance now to put behind us the old, stale debates of the past and focus on technological developments that will enable us to be good stewards of the environment, and at the same time enable us to become less dependent on oil and hydrocarbons from parts of the world that may not like us." Merkel said, "I was delighted to hear that there is a readiness there. We will continue to have our experts work on it.... On the one hand, we obviously need economic growth, but on the other hand, a reduction, also of greenhouse gases. We were at one on this. And energy efficiency is the primary goal that we need to attain." *This information was reported by EESI.*

State News

New CA Bill Seeks to Mandate 33 Percent-by-2020 Renewable-Energy Goal

Introduced Dec. 20, AB 94 by Assembly member Lloyd Levine (D-Van Nuys) would mandate that California's retail energy providers increase their percentage of renewable-energy sales to at least 33 percent by Dec. 31, 2020. "Increasing California's reliance on renewable energy is a major achievement for everyone that lives and works in this state," said Levine, who chairs the Assembly Utilities and Commerce Committee, in a statement Thursday. "The benefits of this legislation are innumerable -- the more we rely on renewable sources of energy, the more we stabilize electricity prices. Additionally, renewable energy resources stimulate sustainable economic development, create new employment opportunities, and reduce our reliance on imported fuels."

CEC Backs June 2007 Date for Greenhouse Gas Standard

Taking effect Jan. 1, SB 1368, signed by Gov. Arnold Schwarzenegger Sept. 29, prohibits any load-serving entity or muni from entering into a long-term power contract of five years or more unless the baseload generation, whether in-state or imported, complies with a greenhouse gas (GHG) performance standard. This standard cannot exceed the rate of GHG emissions of a combined-cycle natural gas-fired baseload plant. Also under SB 1368, the CEC must adopt and enforce the standard and its associated regulations by June 30, 2007. Supporting this date, the energy agency issued an order denying an Oct. 30 request by the California Municipal Utilities Association to extend the June 30 date to around Aug. 10, given the complications with California's Administrative Procedure Act. CEC staff is currently preparing draft regulations for a Jan. 11 workshop and has scheduled an additional Jan. 18 workshop. *For more information, please visit http://www.energyprospects.com/cgi-bin/package_display.pl?packageID=2100.*

Cal-ISO Study Finds Tehachapi Project Beneficial for Reliability, Geothermal and Other Renewables

The California Independent System Operator should back Southern California Edison's Tehachapi transmission project to get more renewable energy onto the state's grid, according to a Dec. 29 study by the grid operator's staff. Anticipated to be fully operational by the end of 2013, the estimated \$1.8-billion

Tehachapi project includes a range of new 500-kV and 230-kV lines as well as new substations and upgrades. In the study, the Cal-ISO staff noted that the transmission project will make more renewable energy generation available for use to meet California's 20 percent-by-2010 renewables portfolio standard. "Although the detailed planning has not yet been performed, the Tehachapi Transmission Project [also] lays the groundwork for the integration of large amounts of planned geothermal, solar and wind generation in Inyo and San Bernardino counties with potential future 500-kV additions from [its] WindHub substation to the [existing] Kramer substation," it noted. In the end, the Cal-ISO staff recommended that the project move forward immediately, which would next mean a final decision by the grid operator's board. *For more information, please visit http://www.energyprospects.com/cgi-bin/package_display.pl?packageID=2102.*

Wabuska Biodiesel Facility Permit Request Sent to Local Nevadan Office

The Lyon County Planning Commission of Nevada is slated to review a special use permit request that would allow operation of a biodiesel fuels production facility in Wabuska, a local article reported. According to agenda summary information, applicant Claude Sapp/Infinituels Biodiesel is seeking to operate the site on an existing improved portion of the property currently occupied by Homestretch Geothermal LLC. This portion of Mason Valley has been designated industrial for many years given its proximity to the Union Pacific Railroad and geothermal resources. The applicant proposes to use the TAD Enterprises (current SUP holders on this property) ethanol processing building, including storage and processing tanks as well as geothermal heat recovery equipment to recycle and process waste and/or virgin vegetable oil into biodiesel fuel. *For more information please visit <http://news.rgj.com/apps/pbcs.dll/article?AID=/20070105/MVN01/701050328/1038/MVN>.*

Local Resident Advocates Geothermal over Coal in Idaho

A recent letter to the editor in a local Utah paper opposed the county's signing of the Intermountain Power Project, which would spend \$30 million for coal projects. Instead of coal, the writer advocates geothermal energy. He writes, "The north half of this state and the southern half of Idaho are steaming with geothermal resources which could easily produce 1,000 Megawatts if developed. Currently there are two geothermal development companies working to develop these resources, Idatherm and US Geothermal. Should we not be looking at these alternatives, which are green and renewable? I would much rather pay an extra two bucks on my monthly electric bill, knowing my electricity is coming from a renewable resource, than continue burning fossil fuels which will only become more expensive as time goes on." *The letter in its entirety can be found at <http://hjnews.townnews.com/articles/2007/01/04/letter/letter01.txt>.*

International News

Geothermal and Mining Investment in Indonesia May Reach Over \$1.5 in 2007, Indonesian Government Predicts

The Indonesian government has predicted that investment in general and geothermal mining may reach over US\$1.5 billion in 2007, while that in 2006 reached only \$1.307 billion, according to a spokesman. The increase was likely caused by investment of the mining companies, the Energy and Mineral Resources Ministry's mineral, coal and geothermal management program chief Bambang Setiawan said. Mineral, coal and geothermal business management division chief MS Marpaung said his office had already asked some mining companies including Newmont Nusa Tenggara and Freeport Indonesia to raise their investments. Investment in general and geothermal mining in 2006 reached \$1.306 billion, which was 38 percent increase compared to \$945 million in 2005. The 2006 investment consisted of \$1.125 in mineral and coal mining, and \$181.07 million in geothermal mining. *For more information, please visit <http://www.antara.co.id/en/seenws/?id=25425>.*

British Columbia's First Geothermal Community under Development

British Columbia is in the midst of a record-setting construction boom, a recent article reported. Of the many projects, the Sun Rivers project, billed as "Canada's first geothermal community" for its geothermal heating system, includes a golf course and residences, with plans calling for up to 2,000 homes and a resort hotel. *For more information, please visit*
<http://www.iht.com/articles/2007/01/04/bloomberg/bxheat.php?page=1>.

Philippine Editorial: Geothermal Has Great Potential

A recent editorial in a well-known Philippine newspaper discusses the political climate, concluding with comments about geothermal energy and its potential to generate power and jobs in the region. The author writes that, "other than infrastructures, broader job-and income-generating pursuits would come from energy [and other sources]. ...The Board of Investment forecasts that energy investments would rise 10 percent year-on-year at the very least because of significant projects that are underway. Better prospects await job seekers in the energy sector as the number of projects needing prospective investors at the 2006 Philippine Energy Contracting Round has doubled. The Department of Energy reveals that work is on the pipeline for...three areas in the geothermal sector. The geothermal areas offered for exploration, development and direct utilization for power generation use and other applications have a combined potential generation of about 100 megawatts." *To view the entire article, please visit*
http://www.manilastandardtoday.com/?page=felMaragay_jan11_2007.

Geothermal Power Moves ahead as Reliable Source of Renewable Energy Worldwide, Bloomberg Reports

A recent Bloomberg article highlights geothermal development and potential in several key areas around the world. The article begins with a discussion of Unterhaching, a German town of 22,000 people south of Munich, which will be warmed by geothermal energy in the near future. Other towns may combine to increase Germany's geothermal capacity 1,000-fold within a decade. Germany may have more than 200 megawatts of geothermal power-generating capacity by 2016, according to government forecasts. Today, the country's sole working plant produces just 0.2 megawatt. The Unterhaching plant and two others due to come on line in 2007 will add almost 7 megawatts. Ormat has received an order for a geothermal power plant in Germany, and the company is pursuing projects in the U.S. and other countries as well, the article reports.

In the US, more than half the renewable energy that Southern California Edison used in 2005 came from geothermal plants. Southern California Edison was the biggest U.S. retailer of renewable energy in 2005. "We like geothermal," said Stuart Hemphill, director of renewable and alternative energy at "It's a very consistent, reliable source of renewable energy."

The article goes on to discuss the opportunities for investment, citing the fact that the \$685 million renewable energy fund managed by the buyout firms Carlyle Group and Riverstone Holdings invested in the start-up of the Bottle Rock geothermal power station in California after 16 years of inactivity. New technological advancements in Alaska are also mentioned.

In New Zealand, a 90-megawatt plant now under construction will be the largest geothermal project built since 1989. The Kawerau plant, which will cost 275 million New Zealand dollars, or \$194 million, will boost the country's geothermal capacity by 25 percent, producing more power than all the countries wind farms combined. "Environmental concerns are a very big issue right now," said Takahiro Moriyama, general manager of energy projects at Sumitomo, which is installing the turbine at Kawerau. "With the increasing cost of oil, gas and coal, geothermal has become a very economical option." The plant is the first of six planned for the region, said Doug Heffernan, chief executive of Mighty River Power, one of New Zealand's largest power retailers, which is building Kawerau. "Geothermal is going into a renaissance age," he said. "It's the only reliable renewable." *For more information please visit*
<http://www.iht.com/articles/2007/01/04/bloomberg/bxheat.php?page=2>.

European Union Announces Energy Strategy

The European Union has announced plans to lower energy consumption, develop renewable sources and increase research into cutting carbon emissions from fuels already in use, particularly coal. The proposals seek to deter growing dependence on oil and gas imports and curb the emissions blamed for climate change by at least 20 percent by 2020 compared to 1990 levels, with the possibility of going to 30 percent if other developed countries join in. Environment ministers of the EU's 27 nations will debate the new strategy on Feb. 20, 2007 with EU leaders set to vote on the plan at a March summit. *This information was originally reported in the Associated Press.*

Notices and RFPs

Sustainable Energy Coalition Renewable Energy Expo: GEA Seeks Participants and Supporters

The annual Sustainable Energy Coalition (SEC) Renewable Energy Expo will take place in mid-June. GEA is one of several organizations planning the event. Last year, the event brought in hundreds of congressional staffers, dozens of Representatives and Senators, numerous government officials and members of the public. We expect similar crowds this year. As part of the day-long event, each renewable technology will have a display area, and GEA will be coordinating the geothermal area. GEA is looking for participation and/or support from GEA member companies in presenting geothermal technology and potential to this influential audience. Last year, GEA co-hosted the display with a major geothermal company who called the event "extremely successful." *If you would like to take advantage of this opportunity, or have further questions, please contact Alyssa at research@geo-energy.org.*

BPA Issues RFP (Due January 19)

BPA has a Renewable Energy Request for Proposals (RFP) that is currently open for the management of intermittent renewable resources. The RFP documents are available at <http://www.bpa.gov/corporate/business/innovation/>. Please look at the Statement of Objectives section for the five areas that BPA is looking for proposals on. As an example of what is requested in the RFP, if you look at section A.4, Types of R&D Activities in the Statement of Objectives, you will see a section on the mitigation of the intermittent impacts of renewable resources on low voltage systems, which would be open to any renewable projects that would help to manage intermittency. Proposals in this area might include those related to utilities on demand side management, ancillary service support and other potential applications of renewable resources. This RFP closes January 19th and will fund up to \$500k for projects that meet BPA strategic goals and requirement, as detailed in the RFP documents.

Of further interest will be BPA's 2008 Agency wide RFP, which will come out this March or early April. This will be open to all renewable energy technologies along with R&D in transmission, energy efficiency, hydro and several other areas.

Nicaragua's Energy Regulator Launches Geothermal E&P Concession Tender (Company Documents Due Feb 15)

Nicaragua's energy regulator INE has launched an international E&P concession tender for three geothermal blocks with a combined potential to generate 1,500MW. The blocks are Volcn Casita-San Cristbal, Caldera de Apoyo and Volcn Mombacho, which hold Central America's largest reserve of geothermal resources, according to INE. The regulator has opened a data room with company documents due February 15. The contract is due to be awarded in April. Site visits are scheduled for next month. In 1999, INE awarded two production concessions for geothermal power and this year granted two exploration concessions. *The information can be viewed at <http://www.tmcnet.com/usubmit/2006/09/19/1905118.htm>.*

State Innovation Grants

The U.S. Environmental Protection Agency requests proposals for the State Innovation Grant Program. This program supports projects that promote the testing of innovative approaches in State permitting programs that strive to create a performance-based regulatory system, promote environmental stewardship and beyond-compliance business operation, and/or promote a culture of creative environmental problem solving. \$1.4 million expected to be available, up to 10 awards anticipated. Pre-proposals are required and are due 1/18/07, final proposal due date TBD. *For more info, contact Sherri Walker at (202) 566-2186 or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11658>. Refer to Sol# EPA-AO-OPEI-07-01. (Grants.gov 11/27/06)*

Rural Business Opportunity Grant

The U.S. Department of Agriculture requests proposals for Rural Business Opportunity Grants. This program promotes sustainable economic development in rural communities with exceptional needs through support of economic planning for rural communities, technical assistance for rural businesses, and training for rural entrepreneurs or economic development officials. \$1.5 million expected to be available, average grant \$50K. Responses due 3/30/07. *For more info, go to: <http://www.rurdev.usda.gov/rbs/busp/rbog.htm>. Refer to Sol# RBS-RBOG2007. (Grants.gov 12/18/06)*

Conservation Innovation Grants

The U.S. Department of Agriculture requests proposals for the Conservation Innovation Grants Program. The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies for environmental enhancement and protection, in conjunction with agricultural production. 3 categories of interest include: 1) National Natural Resource Concerns (atmosphere, water, soil grazing land and forest health), 2) National Technology (improved on-farm energy efficiency including but not limited to renewable energy resources, methane recovery, and water management), and 3) The Chesapeake Bay Watershed. \$2 million expected to be available, up to 60 awards anticipated. Responses due 2/2/07. *For more info, contact Tessa Chadwick at tessa.chadwick@wdc.usda.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11733>. Refer to Sol# USDA-NRCS-NHQ0701. (Grants.gov 12/1/06)*

Innovation Grants – California

The California Energy Commission requests proposals for the Energy Innovations Small Grant (EISG) Program. This program supports small businesses, non-profits, individuals and academic institutions to conduct research that establishes the feasibility of new, innovative energy concepts that address a CA energy problem, provide a potential benefit to CA electric and natural gas ratepayers, and target one of the following: Industrial/Agriculture/Water End-use Efficiency; Building End-use Efficiency; Environmentally Preferred Advanced Generation; Renewable Generation; Energy-Related Environmental Research; Energy Systems Integration. Individual awards NTE \$95K. Responses due 2/6/07. *For more info, contact eisgp@energy.state.ca.us or go to <http://www.energy.ca.gov/contracts/smallgrant/index.html>.*

Upcoming Events

Teleconference: Can Renewable Energy Sources Reform Energy Distribution?, January 17

The full title of the teleconference *Is Distributed Generation the Future of the Grid? Can Renewable Energy Sources Reform Energy Distribution?* Speakers will discuss reliability and transmission issues related to connecting large numbers of distributed energy generating sources, particularly renewable sources, to the local distribution networks and the regional grids. Discussion topics

will include grid reliability and operation, interconnection, and the positions of federal and state regulators on grid access. Two additional topics are grid reliability software and the effect on overall grid operation of various distributed renewable generation sources such as the solar, wind, biomass, and small hydro. A Q&A session, both on the teleconference and at the host firm sites, will follow the speakers' presentations.

To register, please visit

<https://guest.cvent.com/EVENTS/Register/IdentityConfirmation.aspx?e=e574027b-1fcb-4bd5-b7b4-d186e1893728>.

10th Annual EUEC Conference & Expo on Clean Air, Mercury, Global Warming & Renewable Energy, Jan 21 – 24, Tuscan Arizona

Don't miss EUEC 2007 - one of the best recognized annual technical meetings in US where over 1000+ professionals network in a 150+ exhibit area with 300+ presentations in 5 tracks. The event will take place at the Westin La Paloma Resort & Spa, Tucson, Arizona. The agenda includes topics covering geothermal energy, including the Utility Geothermal Working Group Status Report and Geothermal Energy. *For more information or to register, please visit <http://www.euec.com/>.*

Stanford University 32nd Workshop on Geothermal Reservoir Engineering, January 22-24, Stanford, CA

Stanford University 32nd Workshop on Geothermal Reservoir Engineering will take place in January. The event will bring together Engineers, Scientists and Managers involved in geothermal reservoir studies and developments. It will provide a forum for the exchange of ideas on the exploration, development and use of geothermal resources, and enable prompt and open reporting of progress.

For more information please visit

<http://pangea.stanford.edu/PetEng/geoth/workshop2007.htm>.

Clean Energy Power 2007, Jan 24, Berlin, Germany

The event, which will take place in January, at the International Congress Center (ICC) in Berlin during the 71st International Green Week, focuses upon innovative technologies and the latest developments in renewable research. This event particularly emphasizes conferences, with 1,300 of the 1,600 visitors serving as conference delegates. Topics include Solar Power Plants, Gasification of Biomass, Desalination with Renewables, Geothermal Energy, Pellets, Perspectives of Decentral Energy Systems and much more.

For more information, please visit <http://www.energiemessen.de>.

7th Annual Northwest "Harvesting Clean Energy" Conference, January 28-30, Boise, Idaho

The 7th Annual Northwest "Harvesting Clean Energy" Conference is scheduled to be held in Boise, Idaho, on January 28-30, 2007. The theme of this conference is "Charting the way to rural economic development through clean energy production". The conference will feature sessions on ethanol, wind farming, geothermal, carbon sequestration, and many others. Three local field trips (geothermal, wind, and biofuels) are also offered at the conference. The sponsors are expecting at least 500 participants at the conference.

For information about this event, including on-line registration, visit the website at

www.harvestcleanenergy.org/conference.

Colorado State Working Group Meeting, January 31, Lakewood, Colorado

The Colorado Governor's Office of Energy Management and Conservation (OEMC) and the US Department of Energy (DOE) are pleased to invite you to attend the first Colorado State Working Group meeting in support of DOE's GeoPowering the West initiative. The OEMC, with support from DOE, is in

the preliminary stages of forming a Working Group and Steering Committee. OEMC is seeking individuals representing a cross section of the geothermal power generation and direct use industry and other interested parties to attend this meeting and to assist Colorado in this endeavor. The first meeting will be held Wednesday, January 31, 2007 at the Western Area Power Administration Headquarters in Lakewood, Colorado at 12155 W. Alameda Parkway. *The meeting will be in conference room's 225B & 225C from 8:30 AM to 4:00 PM. Seating is limited so please RSVP by January 26, 2007 by calling 970-240-1273 or e-mail www.dcarroll@dmea.com.*

AESP National Energy Services Conference and Expo, Jan 29 – Feb 1, Las Vegas NV

Join us in Las Vegas for The Association of Energy Services Professionals' (AESP) 17th National Energy Services Conference and Expo. AESP's 17th National Energy Services Conference and Expo features industry thought leaders and practitioners who are devoted to a single cause—the exchange of information on the energy efficiency and demand response issues facing our industry today. This year's conference features presentations on all aspects of energy efficiency and demand response including Market Research & Evaluation, Pricing, Marketing, Implementation, Energy Technologies, and Policy. *For more information, please visit <http://www.aesp.org/associations/5980/files/17thNESCagenda.htm>.*

Essentials of Energy Risk Management, Houston, TX, February 12-13

The resurgence in energy trading and the volatility of energy prices has highlighted the need for energy professionals in all areas to develop a functional proficiency in the management of energy risks. This program imparts a practical understanding of the array of tools and concepts that are at the core of the contemporary energy markets. It also provides insights into diverse approaches to evaluating and managing risks unique to the energy business. This course compresses into two days much of the material covered in Paradigm's four-day (two two-day) programs on Fundamentals — 1) Energy Trading and Hedging and 2) Using Energy Options. Participants preferring to learn these concepts in a less hurried and less intense format should consider the two two-day programs. *For more information, please visit http://www.paradigmtraining.com/brochures/eerm_feb12_ec.pdf.*

Utility Rate Case Issues & Strategies, Feb 22 - 23, Las Vegas, NV

Law Seminars International present regulators, attorneys and consultants who will update participants on strategies for bringing about win-win results for shareholders and customers. The Hon. Marc Spitzer, FERC Commissioner, will review recent FERC initiatives and decisions with an impact on state rate cases, and the Hon. Donald L. Soderberg, Nevada PUC Commissioner will address the agency perspective on working with Interveners and settling cases. Learn about: Filing strategy tips for utilities ~ Rate case issues arising from policies favoring cleaner energy supplies ~ Rate case treatment of fuel costs ~ Regulatory treatment of new technologies ~ State authority, policy priorities, and regulatory. *For more information, please visit http://www.lawseminars.com/section_details/07RATENV.htm#%20.*

Financing Renewable Energy Projects, Mar 1 - 2, Berlin, Germany

The European renewable energy markets are in growth mode, affording investors and developers great opportunities. Political initiatives are fueling the development of the renewable energy industry, and investors are now looking to capitalize on the growing demand for green power markets. The event will take place at the Kempinski Hotel Bristol. *More information is available at <http://www.c5-online.com/renewableenergy/pr10>.*

Power-Gen Renewables Conference, March 6 – 8, Las Vegas, Nevada

With the passing of the Energy Bill coupled with critical initiatives to reduce our dependence on oil imports, one thing is clear - the future of renewable energy is NOW. In its 4th year of partnership, PennWell Corp. and the American Council on Renewable Energy (ACORE) present the industry's premier event covering the most important trends and issues impact the industry's progress. Bringing the wind, solar, biomass and fuels, hydro and geothermal sectors together for three days of information exchange and fast-track networking, POWER-GEN Renewable Energy & Fuels attracts the biggest names in renewables to discuss technical, strategic, regulatory, structural and economic issues. *For more information, please visit <http://pgre07.events.pennnet.com/fl/index.cfm>.*

2nd Biennial GeoExchange Conference and Trade Show, March 7-9, Burnaby, British Columbia, Canada

GeoExchangeBC is pleased to announce confirmation of the 2nd Biennial International GeoExchange Conference and Trade Show. Scheduled for March 7-9, 2007 at the Hilton Vancouver Metrotown in Burnaby, British Columbia, this event will feature regional and international speakers, an expanded trade show, informative site tours and a proposed geoexchange system designer training course coinciding with the conference. *Call for papers now being accepted. Check back for regular updates: <http://www.geoexchangebc.ca/announcement.aspx>*

Utah Geothermal Working Group Meeting, March 14-15, Salt Lake City, UT

The event will include topics such as Geothermal Development Activity in Utah, New Federal Rules for Geothermal Leasing and Permitting, Utah State Legislative Update – New incentives for renewable energy development, Review of Activities of the Geothermal Utility Working Group, Renaissance Geothermal Project, Blundell Geothermal Plant Expansion, and Raft River Geothermal Project, among others. *For more information and to RSVP, contact Jason Berry at Utah Department of Natural Resources, State Energy Program – jasonberry@utah.gov, (801) 538-5413, or Robert Blackett, Utah Geological Survey – robertblackett@utah.gov, (435) 865-9035.*

Energy Markets and Regulation, Mar 15- 16, Washington, DC

Law Seminars International presents a conference on energy markets and regulation that provides basic and updated information for professionals. *For more information, please visit <http://www.lsinews.com/07endccentral.htm>.*

Geothermal Resource and Finance Workshop, April 2007, San Francisco, CA

GEA announces plans for a workshop bringing together professionals in the geothermal community to discuss the issues and strategies involved in identifying and developing geothermal resources in the United States and to discuss approaches and considerations for financing geothermal projects. Exact date and hotel location are under negotiation and will be announced in Mid-January. Those interested in being sponsors for the event or making presentations, please contact Karl Gawell at 202-454-5264 or email karl@geo-energy.org.

Wall Street Green Trading Summit VI , Apr 16 - 17, New York City

Speakers from investment banking, hedge funds, venture capital, insurance, and the brokerage community will present on the trading opportunities in alternative energy, project finance, carbon market

developments, REC trading and demand response programs at this annual event in New York. Attend either in person or via webcast. *For more information, please visit <http://www.hedgeconnection.com/wsgts>.*

Accelerating the Development and Deployment of Clean Technologies in the Asia Pacific, Apr 17- 18, Melbourne, VC Australia

The AustralAsian Cleantech Forum in Melbourne is the premier international platform for knowledge exchange and commercial interaction for the full range of investors, companies and government involved in the Cleantech market in the Asia Pacific. The 3rd AustralAsian Cleantech Forum will provide unparalleled networking with key decision makers that are leading the growth of the Cleantech industry. *For more information, please visit <http://www.cleantechforum.com/index.php?page=Home>.*

RENEXPO Central & South East Europe, Apr 19 - 21, Budapest, Hungary

The event will highlight present renewable energy technologies and products as well as the latest developments in energy efficient construction and renovation. The exhibition serves to provide a platform at which major players from the renewable energy and energy efficient construction and renovation sectors can convene, network, and exchange knowledge. Target countries include Hungary, Bulgaria, Austria, Slovakia, Romania, Ukraine, Croatia, and Slovenia to name a few. *For more information, please visit <http://www.renexpo-budapest.com>.*

RENEXPO India 2007, Apr 25 - 26, New Delhi

Over 500 business leaders and CEOs, representing non-conventional energy sources will once again convene to explore possibilities for the transfer of technologies. The Associated Chambers of Commerce and Industry of India (ASSOCHAM), together with the Ministry of Non-Conventional Energy Sources and the Government of India, have invited delegates from India, Afghanistan, Bangladesh, Bhutan, Maldives, Nepal, Pakistan and Sri Lanka. The event, presented by REECO India, will be held at the Hotel Le Méridien. *For more information, please visit <http://www.renexpo-india.com/>.*

GEA Trade Show/GRC Annual Meeting, September 30-October 3, Reno, Nevada

It's not too early to be planning for the next GEA Trade Show/GRC Annual Meeting. This coming year they will be held at John Ascuaga's Nugget Hotel & Casino in Reno, Nevada, September 30 - October 3, 2007. For more information about the GEA Trade Show contact Daniela Stratulat at 202-454-5263 or email Daniela@geo-energy.org. For information about the GRC Annual Meeting contact GRC at 530-758-2360 or email grclub@geothermal.org.



GEA Update

A newsletter for GEA Members written by Alyssa Kagel and Karl Gawell.
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