

Geysers Steamline

GEYSERS GEOTHERMAL ASSOCIATION

VOLUME XXIV, NUMBER 1

Spring 2008

Calpine Rung Opening Bell at New York Stock Exchange



Calpine celebrates Opening Bell Ring Ceremony at NYSE. Pete Miller pictured on far left above.

Photo courtesy Pete Miller

Pete Miller of Calpine writes of his experience at the historic bell ringing ceremony on February 8:

"I had a great time in New York. The entire trip was an awesome experience.

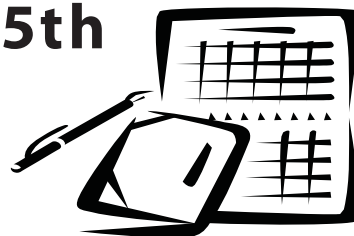
It was a great honor for me to be part of this prestigious event. I felt the Bell Ringing Ceremony marked in time the New Calpine.

I'm very grateful to be part of the celebration.

My wife and I stayed the weekend in New York and had a great time taking in all the sites. What a magnificent city!"

Visit our web site—
www.theGGA.org

GGA Spring Fling March 25th



Reserve your spot today for the GGA Spring Fling on **Tuesday, March 25th** at Charlies

at Windsor Golf Club, 1320 19th Hole Drive, Windsor. No host bar begins at 6 PM. Dinner buffet begins at 7 PM.

Guest speaker Louis Capuano, Jr. of ThermaSource, LLC will discuss "Geothermal Boom Times".

The Buffet includes Lemon Chicken, Tri Tip, Pasta with Gorgonzola Sauce, Seasonal Vegetables, Mixed green salad, dinner rolls, and ice cream for dessert. The cost is \$35.00 per person.

Contact Margaret Lewis, Calpine at (707) 431-6132 or e-mail at lewism@calpine.com by **March 18th**. Please honor your reservation.

Attention GGA Members: MEMBERSHIP RENEWAL TIME

Time to renew your 2008 GGA annual membership! GGA members will be emailed a membership application and asked to return to Steve Enedy of NCPA, at senedy@ncpageo.com. If you have any questions please call Steve at (707) 809-6000. You can also sign-up at the March 25th Spring Dinner.

Thanks for your continued support.



President's Message

By Ron Sues

Geothermal "Full Circle"

What goes around, comes around! Put another way, "We've come full circle", and that is just what appears to be happening in the geothermal industry. Such happenings are clearly evident at The Geysers.

My personal recall from the early years at The Geysers is that it was a veritable United Nations symposium on geothermal energy. Seemingly, there was a constant stream of international visitors at The Geysers who came to observe what we were doing in research, implementation, and refinement of the development of the geothermal energy at The Geysers. The flow of folks from the international community visited to learn what they could so as to take back this information to their respective countries.

Those folks, then, recognized that The Geysers represented the largest geothermal electricity generating facility in the world. For that matter, it still is, but we must wonder for how much longer that will remain true with the renewed interest and investment worldwide in geothermal energy.

From that world view, here is a case in point. The good folks from Iceland were regular visitors to PG&E's geothermal facilities in the sixties and seventies. They came; they saw; and they learned. They learned whatever they needed so as to make efficient and effective use of the geothermal resources literally in their own backyard. Judging from the current results, they learned what they learned very well.

The November-December 2007 issue of the Geothermal Resources Council Bulletin has a very strong international flavor

Geothermal Resources Council Update

Paul Brophy, President of GRC writes:

"As GRC President I thought it may be of use to provide a short update of how the organization is progressing. By now, those of you who are members, will know that we have just recently completed elections of Board members for 2008-2009. For the first time, the election process was electronic which proved to be a resounding success. Normally we receive somewhere in the order of 200 votes, however for this election, 612 members voted of which over 98% were electronic. Now this high turnout may be in part due to a much larger membership (having risen to just over 1000 from a low of 550 in 2001) but I would like to believe it to be a combination of a much easier voting system and a membership that has become far more involved in the activities of the organization. This is a great start in our effort to include membership more in the "day to day" affairs of the GRC.

Other important developments have been issuance of the Call for Papers for the 2008 Annual Meeting. Papers are due by May 9th and with all the new activity in The Geysers we are looking for a significant contribution from this area. Also we are beginning to look at what we can do for the upcoming 50th anniversary of the start of geothermal production at The Geysers.

So things are looking pretty good for our industry at the moment – a welcome change from the 1990's. This is a time for the GRC to move forward and aid in the industry's growth. Any suggestions you may want to offer on how that can be achieved, will be greatly appreciated. "

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GGA BUSINESS DIRECTORY

Support the businesses that support the GGA

The following businesses are Corporate Members who are the backbone of the GGA.
Keep our organization strong by calling on them when you need the following services:

CONSULTANTS & ENGINEERS	CONSULTANTS & ENGINEERS	DRILLING SERVICES	EQUIPMENT & MATERIAL SUPPLIERS	SPECIAL SERVICES
<p>Blaydes and Assoc. • Paula E. Blaydes 1275 Fourth Street, #214 Santa Rosa, CA 95404 707 537-8727</p>	<p>Ronald E. Suess Company (RES Co.) • Ronald E. Suess 1275 Fourth St., No. 105 Santa Rosa, CA 95404 707 541-0976</p>	<p>ChemTech Services • Boyd Green P. O. Box 1369 Cobb CA, 95426 707 928-4676</p>	<p>Jim Jonas, Inc. Jonas Oil • Jim Jonas P.O. Box 277 Lower Lake, CA 95457 707 994-6535</p>	<p>Northern Industrial Construction • Frank Karp P.O. Box 1352 Kelseyville CA 95451 707 279-0381</p>
<p>Carlenzoli and Assoc. • Leroy E. Carlenzoli 325 Tesconi Circle Santa Rosa, CA 95401 707 542-6465</p>	<p>Tecton Geologic, Inc. • Alan Frazer 5610 Skylane Blvd., St. A Santa Rosa, CA 95403 707 571-1700</p>	<p>Nelson Drilling Tool P.O. Box 477 Rio Vista, CA 94571</p>	<p>Petrochem Inc. • Brian Benson 110 Corporate Place Vallejo CA 94590 707 644-6968</p>	<p>Southwest Contractors • Frank Bowman 184 3235 Unicorn Road Bakersfield, CA 93308 661 588-3092</p>
<p>Carlile•Macy • Bruce Jarvis 15 Third Street Santa Rosa CA 95401 707 542-6451</p>	<p>ThermaSource LLC • Louis Capuano 3883 Airway Drive Suite 340 Santa Rosa, CA 954035 707 523-2960</p>	<p>Obie's Drill Pipe Service, Inc. • Obie Sanders P.O. Box 647 Middletown, CA 95461 707987-2001</p>	<p>SPECIAL SERVICES</p>	<p>Turbocare • Dave Stenson 184 Malbert Street Perris, CA 92570 800 659-5908</p>
<p>EGS, Inc • Paul Brophy 3883 Airway Drive Suite 340 Santa Rosa CA 95403 707 544-0955</p>	<p>Thomason Mechanical Corp. • Bruce Perry 2150 E. 37th Street Vernon, CA 90058 310 639-3523</p>	<p>Team Casing P.O. Box 1723 Marysville, CA 95901</p>	<p>Action Sanitary, Inc. • Jerry L. Campo P.O. Box 492 Lower Lake, CA 95457 707 994-5068</p>	<p>Universal Environmental, Inc 4101 Industrial Way Benecia, CA 707 747-6699 x122</p>
<p>Graphic Vision • Kathy Eneedy 3883 Airway Drive Suite 340 Santa Rosa CA 95403 707 636-5815</p>	<p>Trident Environmental and Engineering • Joe Martin 110 L Street Antioch, CA 94509 925 706-6931</p>	<p>EQUIPMENT & MATERIAL SUPPLIERS</p>	<p>Alliance Cooling Products 123 West North Street Healdsburg, CA 95448 707 431-0108</p>	<p>STEAM SUPPLIERS & POWER PLANT OPERATORS</p>
<p>MHA Environmental Consulting • Laurie McClenahan 4 W. Fourth Ave, St. 303 San Mateo CA 94402 650 373-1200</p>	<p>Two Phase Engineering • Doug Jung 3209 Franz Valley Rd. Santa Rosa, CA 95405 707 523-4585</p>	<p>C-K Supply, Inc. • Gene Kirkendall P.O. Box 550 Lakeport, CA 95453 707 263-7700</p>	<p>BV Nevada Corp. • Stanley W. Levers P.o. Box 32 Wadsworth, NV 89442 775 221-3798</p>	<p>Bottle Rock Power LLC • Ron Suess 7385 High Valley Road Cobb, CA 95426 707 928-4578</p>
<p>Nick Voegtly Safety & Loss Control • Nick Voegtly 11725 Loch Lomond Rd. Middletown CA 95461 707 349-7233</p>	<p>Veizades and Association Inc. • Harry Veizades One Hallidie Plaza, St. 838 San Francisco CA 94102 415 394-8855</p>	<p>Den Beste Transportaion, Inc. 7705 Conde Lane Windsor, CA 95492</p>	<p>Data Instincts 239 Windsor River Rd Windsor, CA 95492</p>	<p>Calpine Corporation • Ralph Aviles 10350 Socrates Mine Rd. Middletown, CA 95461 707 431-6000</p>
		<p>Jackson Equipment Co • Wayne Jackson P.O. Box 669 Middletown, CA 95461 707 987-3660</p>	<p>Geothermal Resources Council • Curt Robinson 2001 Second St. . 5 Davis, CA 95616 530 758-2360</p>	<p>Northern California Power Agency • Steve Eneedy P.O. Box 663 Middletown, CA 95461 707 987-4033</p>

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President's message:

that describes the profound happenings of development of geothermal energy around the Planet. The prominence and the mature development of geothermal energy in Iceland are clearly communicated throughout the various articles published in the Bulletin. Even so, the Icelanders are making significant financial investment in geothermal energy around the world. The Icelanders are making their presence felt and known by focusing their commitment to geothermal energy upon the international geothermal scene. And that includes The Geysers. For the present, the Icelanders actions at

The Geysers are in the preliminary stages, and we will watch with great interest to see how any action here by the Icelanders may unfold.

In any event, is it not amazing how things have come full circle? In the past, the Icelanders came to The Geysers to learn about ways to use their own geothermal resources, and now they are back to, perhaps, contribute in some way with knowledge and/or money that will promote the continued growth of the geothermal industry at The Geysers. Again, all of these happenings just add more luster to that tried and true statement of, "what goes around comes around".

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