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NEVADA GEOTHERMAL UPDATE

September 2004

NOTE - UPDATES AND NEW ITEMS ARE HIGHLIGHTED IN YELLOW

CURRENT POWER OPERATIONS

<u>Plant/Operator (year on-line)</u>	<u>Nameplate Capacity *</u>	<u>Location</u>
Beowawe Power Plant (1985) Beowawe Power LLC/Caithness Operating	16.6 MW	S13, T31N R47E
Bradys Power Plant (1992) Brady Power Partners/ORMAT Nevada Inc.	21.1 MW	S12, T22N R26E
<ul style="list-style-type: none">BRADY POWER PARTNERS (ORMAT); Geothermal Project Area Permit #540PA; Issued Apr 8, 2004, T22N R26E, Sections 13,14,23,24,11,12 and T22N R27E, Sections 7,18,19; Brady/Desert Peak Area, Churchill County, Nevada; The project area includes 3 production wells with an estimated depth of 6000'; Spent geothermal fluid will be re-injected into existing Brady injection wells; New Geothermal Project Area Permit.ORMAT Nevada Inc. (ORNI 9, LLC); Permit #533; API #27-001-90300 for Observation Well "82-14" issued Nov 3, 2003, NE/4 NE/4, Section 14, T22N R26E; Brady Hot Springs KGRA, Churchill County; PTD 5000'; Will be used to monitor resources currently being used for electrical power generation. Any fluids will be re-injected. New Location.ORMAT Nevada Inc. (ORNI 9, LLC); Permit #534; API #27-001-90301 for Observation Well "55-14" issued Nov 3, 2003, SW/4 NE/4, Section 14, T22N R26E; Brady Hot Springs KGRA, Churchill County; PTD 5000'; Will be used to monitor resources currently being used for electrical power generation. Any fluids will be re-injected. New Location.ORMAT Nevada Inc. (ORNI 9, LLC); Permit #535; API #27-001-90302 for Observation Well "88-11" issued Nov 3, 2003, SE/4 SE/4, Section 11, T22N R26E; Brady Hot Springs KGRA, Churchill County; PTD 5000'; Will be used to monitor resources currently being used for electrical power generation. Any fluids will be re-injected. Spud 5/28/2004; C and L Drilling Rig #6; Set 20" casing at 420' on 6/1/2004; Set 13 3/8" @ 3016', Drilled to 4850', 9 5/8" liner ran to 4446' and hung at 2477'; Tested, moved rig; Planning redrill/workover.		
Desert Peak Power Plant (1985) Brady Power Partners/ORMAT Nevada Inc.	12.5 MW	S21, T22N R27E
<ul style="list-style-type: none">ORMAT Nevada Inc. (ORNI 3, LLC); Permit #519PA for a geothermal project area issued March 7, 2003; Includes 8 production wells, 3 injection wells, and 2 observation wells; Project area includes sections 13-16 and 21-29, T22N R27E, Churchill County.ORMAT Nevada Inc. (ORNI 3, LLC); Permit #538; API #27-001-90304 for Industrial Well "77-21" issued Apr 8, 2004, NE/4 SE/4, Section 21, T22N R27E; Desert Peak Project Area (#519PA), Churchill County; PTD 5500'; Spent geothermal fluid will be re-injected into Well #22-22; Spud Apr 10, 2004; C and L Drilling Rig #6; Set 13 3/8" @ 1149' on 4/26/2004; TD 3650'; Flow-testing 6/2/2004; Completed as a commercial well, June 2004.ORMAT Nevada Inc. (ORNI 3, LLC); Permit #536; API #27-001-90303 for Industrial Well "74-21" issued Nov 3, 2003, SE/4 NE/4, Section 21, T22N R27E; Desert Peak, Churchill County; Production well location in the Desert Peak Project Area; Spud Nov 16, 2003; C and L Drilling Rig #6; New Location, Drilled to depth of 4250'; Successfully tested in Dec 2003-Jan 2004; IDLE Feb 2004.		
Dixie Valley Power Plant (1988) Caithness Dixie Valley/Caithness Operating	62.0 MW	S7, T24N R37E S33, T25N R37E
<ul style="list-style-type: none">Caithness Dixie Valley; SW Lamb #2; Permit #539, API 27-001-90305 issued Apr 8, 2004; NE/4 NE/4; Section 13, T24N R36E; Injection well permit for existing well drilled in August, 1979, Total Depth 8588'; Dixie Valley, Churchill County, Nevada; New Injection Permit Apr 2004.		

Empire Power Plant (1987) Empire Energy LLC	4.8 MW	S21, T29N R23E
Soda Lake No. 1 (1987) Soda Lake No. 2 (1991) Constellation Operating Services	26.1 MW	S33, T20N R28E
Steamboat 1, 1A (1986) Steamboat Geothermal, LLC/ORMAT Nevada Inc. Steamboat 2, 3 (1992) Steamboat Development Corp./ORMAT Nevada Inc.	10.8 MW 47.8 MW	S29, T18N R20E
<ul style="list-style-type: none"> ◆ Reno Retail Company, LLC; Permit #541, API 27-031-90223 for Observation Well #24-28 issued April 30, 2004; SW/4 NW/4, Section 28, T18N R20E; Observation well in the Steamboat Hot Springs area, Washoe County, Nevada; PTD estimated at 700-800', maximum depth of 1000'; Will be used to further evaluate commercial potential of the geothermal resource. Spent geothermal fluid will be re-injected into the test well; New Location. 		
Steamboat Geothermal Power Plant/Caithness Power Plant (1988) Steamboat Hills, LP/ORMAT Nevada Inc.	14.41 MW	S5, 6, T17N R20E
<ul style="list-style-type: none"> ◆ Announcement, May 20, 2004 - Ormat Nevada Inc. (ORMAT) a subsidiary of Ormat Technologies, Inc. and Caithness Energy LLC (Caithness) today announced that ORMAT has purchased from Caithness its indirect subsidiary Yankee Caithness Joint Venture; which owns the Steamboat Yankee geothermal project, located in Washoe County, Nevada. ORMAT acquired Steamboat 1 and 1A in June 2003 and Steamboat 2 and 3 in February 2004. - http://www.ormat.com/index_news.htm ◆ Steamboat Hills LP: Permit #560, API 27-031-90226 for Industrial Injection well #64A-32, issued Sep 10, 2004; NW/4 SE/4; Section 32, T18N R20E; Steamboat Springs, Washoe County, Nevada; PTD 3200'; to replace existing injection well. ◆ Steamboat Hills LP: Permit #561, API 27-031-90227 for Industrial Production Well #83B-6 issued Sep 10, 2004; NE/4 NE/4; Section 6, T17N R20E; Steamboat Springs, Washoe County, Nevada; PTD 3200'; to serve as production well for existing power plant. 		
Stillwater (1989) Stillwater Holdings, LLC	21.0 MW	S1, T19N R30E
Wabuska (1984) Homestretch Geothermal LLC	2.2 MW	S15, 16, T15N R25E

* Nameplate Capacity as reported to the Division of Minerals for 2002.

DIRECT USE OPERATIONS

Empire Group LLC; Empire, Washoe County, Nevada
(No Website Currently Available)

Gilroy Foods, A ConAgra Food Ingredients Company; Onion Dehydration Plant; Fernley, Nevada
<http://www.gilroyfoods.com/aboutus.jsp>

Commenced seasonal onion dehydration processing operations in May 2004. The plant will operate this season until the end of October.

OTHER ACTIVE AREAS

Gerlach KGRA (T32N R23E), Washoe County

- ◆ A coal-fired power plant and a geothermal power project, both in the planning stages near Gerlach, are competing for access to a 3100-megawatt transmission line running through the desert near Gerlach and Empire. Sempra Energy Resources is planning a 1450-megawatt coal-fired power plant, Granite Fox, on the edge of the Smoke Creek Desert. They have applied for permission to connect to the transmission line. Nevada Renewable Energy Park, south of Gerlach, has also applied to connect to the line. The Nevada Renewable Energy Park is a

planned 1200-megawatt geothermal and wind power project. See the article in the Reno Gazette-Journal August 22, 2004 by Susan Voyles for more information.

Salt Wells KGRA (T16-17N R30-31E), Churchill County

- ◆ Nevada Geothermal Specialists, LLC, Reno, Nevada (NGS) has submitted an application for a Permit to Construct Utility Facilities in the Salt Wells Known Geothermal Resource Area (KGRA), which is approximately 10 miles east of Fallon, Nevada. NGS proposes to construct the Salt Wells Geothermal Power Plant, a net 10 MW binary cycle power plant, available for commercial services by the end of 2005. Three to four production wells will be drilled to supply the plant with approximately 7,000 gpm of geothermal fluid, which will be re-injected into two injection wells. A six-mile transmission line is being proposed to deliver the power from the facility to the Sierra Pacific 230 kV line. Nevada SAI # E2004-172. Project: Salt Wells Geothermal Power Plant and Transmission Line. For more information from the Public Utilities Commission, Contact Michael Stafford, Clearinghouse Coordinator, (775) 684-0209 or email mstafford@budget.state.nv.us.
- ◆ Nevada Geothermal Specialists acquired 2 parcels containing approximately 3800 acres in T17N R30E, at the Nevada BLM KGRA Lease Sale on June 26, 2003. They paid \$17.25/acre for one parcel and \$5.15/acre for the other; see Nevada Geothermal Update, June 2003. Anadarko Petroleum Corp. originally drilled several wells in the area during the early 1980s.

Naval Air Station, Fallon, Nevada, Churchill County

- ◆ Geothermal Resource Development, NAS Fallon, NV
“The U. S. Navy intends to issue a Request for Proposal (RFP) N47408-04-R-2530, with the objective of entering into a Public/Private Venture (PPV) agreement with private industry, for a period of up to 30 years, for the development of geothermal resources located beneath Naval Air Station Fallon, Nevada. The development site is located approximately 60 miles east of Reno and three miles south of Fallon. A 7,000’ discovery well was drilled there in August 1993 and was successfully flow-tested. The maximum temperature recorded was 376 degrees F. The developer will be responsible for all phases of erecting and operating a geothermal electrical power plant on Navy land, including finance, research, exploration, design, acquisition, construction, installation, testing, operation, maintenance, repair, and sale of electrical power. Compensation to the Navy, as well as the terms and conditions of the agreement, are subject to negotiation. The Navy does not intend to directly purchase any of the output of the facility. The developer will be responsible to sell the power generated in accordance with the Public Utility Regulatory Administration (PURPA) regulations. The selection process will include an evaluation of the past performance of offerors in three areas: technical, as it relates to geothermal resource exploration and exploitation; experience in managing commercial-scale electricity production projects; and financial capability of the proposing entity. The resulting agreement will reflect sound business practices. The Navy intends to enter into agreement with the responsible party whose offer represents the best value to the Navy and greatest possibility of project success. This solicitation will be available by INTERNET ACCESS ONLY. All solicitation (or RFP) documents and solicitation amendments will be posted on the NAVFAC E-Solicitation (E-SOL) Website at <http://www.esol.navy.mil/>. The solicitation will be posted on the E-SOL website on or about September 10, 2004. Proposals will be due 60 days later. It is each offeror’s responsibility to check the website for any amendments. Interested parties are required to register for the solicitation at the NAVFAC E-Solicitation Website. EACH OFFEROR/CONTRACTOR MUST REGISTER ON THE DEPARTMENT OF DEFENSE CENTRAL CONTRACTOR REGISTRATION (CCR). NO CONTRACT AWARD WILL BE MADE TO ANY CONTRACTOR THAT IS NOT REGISTERED OR IN THE PROCESS OF REGISTERING WITH THE DOD CCR. THE DOD CENTRAL CONTRACTOR REGISTRATION MAY BE REACHED AT (888) 352-9333, OR FACSIMILE (616) 691-5305, OR E-MAIL disc-cso@disc.mil. For inquiries related to the RFP, contact Mr. Chris Henschel at the Naval Facilities Engineering Command Contracts Office (NAVFACTCO), Port Huueneme, CA, telephone (805) 982-3872, or e-mail at Christopher.henschel@navy.mil.” from FEDBIZOPPS: FBO DAILY ISSUE OF AUGUST 21, 2004 FBO #0999.

Hot Sulphur Springs (Tuscarora), Elko County

- ◆ Earth Power Resources, Inc.; State Permit #526PA issued Aug 5, 2003 for a geothermal project area to include 8 production wells (PTD 4000’), 6 injection wells (PTD 4000’), and 10 observation wells (PTD 4000’); The project area will encompass sections 4,5,8,9,16,& 17, T41N R52E; Hot Sulphur Springs, near Independence Valley and Tuscarora, Elko County, Nevada. The purpose of the project area is to supply a 25 MW power plant for a power purchase contract awarded by Sierra Pacific.

- ◆ Earth Power Resources, Inc.; State Permit #527 for Industrial Production Well #57-8 issued Aug 8, 2003; API #27-007-90027; SW/4 SW/4 SE/4, Section 8, T41N R52E; Hot Sulphur Springs, Elko County, Nevada; Projected total depth 4000'; 1st production well location in Project Area 526PA; Spud Nov 14, 2003; Lang Drilling Company, continuous core rig; Did not reach objective, temporarily abandoned Nov 24, 2003; Considering re-drilling with rotary rig. The well name and location have been changed, (originally #46-8); TEMPORARILY ABANDONED.
- ◆ Earth Power Resources, Inc.; State Permit #528 for Observation Well #67-8 issued Aug 8, 2003; API #27-007-90028; NE/4 SE/4, Section 8, T41N R52E; Hot Sulphur Springs, Elko County, Nevada; Projected total depth 4000'; 1st observation well location in Project Area 526PA; Spud Dec 5, 2003 Lang Drilling Company rotary rig; Set 7" at 1350', set 4.5" at 2490', shut down 12/18-28 for Holidays; Resumed operations on Dec 29 with Boart Longyear continuous core rig; Drilled to TD 3810'; Ran tests, evaluating; COGITATING.
- ◆ Earth Power Resources, Inc.; Permit for 2D shot hole seismic survey; Project Area 526Pa; Hot Sulphur Springs, near Tuscarora, Elko County, Nevada; Approximately 7 line miles of acquisition planned including sections 4,5,8,9,10,16 &17, T41N R52E; Exploration survey permit.

Rye Patch/Humboldt House KGRA, Pershing County (Rye Patch Power Plant, 12 MW, 90% complete)

- ◆ Presco Energy/Department of Energy (DOE) National Renewable Energy Laboratory funded Thermal Gradient Wells; "Renewable Energy Advancement in Nevada".
The following update was submitted by Gina Tempel.
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Humboldt House Geothermal Area

Five geothermal temperature gradient wells were drilled near the Florida Canyon mine in Humboldt County to test the resource potential of the Humboldt House geothermal area (HHGA). The Rye Patch or Humboldt House area is located 50 km northeast of Lovelock, Nevada. Drilling and coring operations were conducted between May and July 2003, with 3 wells reaching a total depth of 1000 feet, 1 well to 500 feet, and 1 well to 1500 feet. A total of 1851 feet of core were recovered from three of the wells. Currently, geochemical and petrographic studies are being conducted on the core by scientists affiliated with the Great Basin Center for Geothermal Energy at the University of Nevada Reno. Results of these geochemical and petrographic studies will be used to determine the source of the geothermal fluids at HHGA and the relative timing of the fluid movement with respect to the geologic history of the area. Well logs, a summary of drilling activity, a map, and initial thermal profiles can be found at <http://www.nbmg.unr.edu/geothermal/site.php?sid=Rye%20Patch> on the Nevada Bureau of Mines and Geology website.

Fly Ranch Geothermal Prospect Area; West Black Rock Desert, Washoe County

Blue Mountain Geothermal Prospect Area, Humboldt County

- ◆ Sep 29, 2004 Nevada Geothermal Power Inc. reports that the temperature gradient drilling program is nearing completion. Eight holes were drilled with an air rotary rig. Three locations in the valley may be redrilled with mud circulation after initial results are evaluated. These results, combined with test wells Deep Blue #1 and #2 will be used to locate two production test wells. - <http://www.nevadageothermal.com/s/News.asp?ReportID=89351& Type=News& Title=Further-Blue-Mountain-Temperature-Drilling>
- ◆ NORAMEX CORP. 15 permits for Thermal Gradient holes were issued July 19, 2004. The holes will be drilled to map aerial distribution of the thermal anomaly. Any fluids will be contained in a sump adjacent to the well. The locations are in Sections 1,11-15, 23 of T36N R34E; Blue Mountain area, Humboldt County, Nevada. The proposed depth of each hole is 500'.
- ◆ Permits #545-#559, API #s 27-013-90016 thru 27-013-90030; Dynatec Drilling began drilling the holes August 18, 2004.
- ◆ NORAMEX CORP. Permit #500, API #27-013-90014 for Observation Well "Deep Blue #1 issued March 20, 2002; SE/4 SW/4, Section 14, T36N R34E, Humboldt County; PTD 2000'; Drilled in May, 2002; Plan to test the #1 well in near future.
- ◆ NORAMEX CORP. Permit #532, API #27-013-90015 for Observation Well "Deep Blue #2" issued Nov 3, 2003; SW/4 NE/4, Section 14, T36N R34E, Humboldt County; PTD 3400'; Blue Mountain area; Will be used to further evaluate the commercial potential of the geothermal resource. Spud March 25, 2004, Lang Drilling Company; Set surface casing; Moved in Boart Longyear continuous coring rig Apr 1, 2004; Completed to depth of 3700' Apr 28, 2004; Max temp measured during drilling was 330°F @ 1920'; Flow-tested Apr 29 @ 80 gpm; TESTING. Permitting has been completed for flow and injection tests scheduled to begin October 18, 2004.

Pumpnickel Valley Geothermal Prospect Area, Humboldt County

- ♦ Oct 14, 2004 Nevada Geothermal Power Inc announced that Invision Solutions Inc. will fund exploration and development for the Pumpnickel project to earn a 50% joint venture interest. Also, Noramex (wholly owned subsidiary of NGP) has been awarded a US DOE cost-sharing contract, signed Oct 13, where DOE will fund 80% of an initial field evaluation program at the Pumpnickel project. The total budget for this work \$740,340 and will include a 3D “E-SCAN” resistivity survey and six temperature gradient holes. - <http://www.nevadageothermal.com/s/News.asp?ReportID=90469& Type=News& Title=Pumpnickel-Valley-Geothermal-Project>
- ♦ August 5, 2004 Nevada Geothermal Power Inc. (NGP) announced completion of an initial evaluation of its recently acquired Pumpnickel Geothermal Project. Noramex Corp., NGP's wholly-owned subsidiary, has acquired a contiguous lease position (5070 acres/7.92 square miles) in Pumpnickel Valley, Nevada. NGP plans to begin a phased exploration program to further assess the geothermal resource. Pumpnickel Valley is southeast of Winnemucca, south of Golconda, in Humboldt County, Nevada. <http://www.nevadageothermal.com/s/News.asp?ReportID=87053& Type=News& Title=Pumpnickel-Geothermal-Project-Development-Program-Outlined>

Hazen, Nevada; T21-22N R26E; Churchill and Lyon Counties

- ♦ Geothermal Rail Industrial Development project (GRID-USA) announced. Plans for alternative energy industrial park east of Reno, Nevada. Contact 1025 Ridgeview Dr., Ste. 100, Reno, NV 89509, (775) 826-3333 or (866) GRIDUSA. See website - <http://www.gridusa.biz/>

Recent BLM Geothermal Leases Filed

- ♦ For more information on BLM leases in Nevada, see the website: <http://www.blm.gov/lr2000>

Non-Competitive Geothermal BLM Lease Applications (09/03-08/04), Pending:			
Western Geothermal Ptnrs 9/2/2003	NVN 77550; 1036.57 acres	T38N R62E (6,28,32,34)	Wells, NV, Elko Co.
Western Geothermal Ptnrs 9/2/2003	NVN 77551; 160.0 acres	T38N R62E (32)	Wells, NV, Elko Co.
Western Geothermal Ptnrs 9/2/2003	NVN 77552; 160.0 acres	T38N R62E (28)	Wells, NV, Elko Co.
Western Geothermal Ptnrs 9/9/2003	NVN 77600; 1280.0 acres	T11N R25E (27)	East of Smith Vly, Lyon Co.
Western Geothermal Ptnrs 9/9/2003	NVN 77602; 1311.2 acres	T10N R25E (2,3)	East of Smith Vly, Lyon Co.
Stillwater Holdings LLC 10/8/2003	NVN 77690; 400.00 acres	T19N R30E (28,29)	Stillwater, Churchill Co.
Western Geothermal Ptnrs 10/14/2003	NVN 77711; 1280.00 acres	T17N R31E (33,34)	Salt Wells, Churchill Co.
Western Geothermal Ptnrs 10/14/2003	NVN 77712; 1296.58 acres	T16N R31E (3,4)	SE of Salt Wells, Churchill Co.
Western Geothermal Ptnrs 10/16/2003	NVN 77722; 1920. 00 acres	T18N R30E (22,26,27)	North of Salt Wells, Churchill Co.
Kingzett, James M. 10/21/2003	NVN 77739; 2560.00 acres	T19N R26E (6) T20N R25E (34,36) T20N R26E (31)	Hazen, Churchill & Lyon Cos.
McGee, Charles M. 11/12/2003	NVN 77801; 640.00 acres	T12N R43E (34)	Big Smoky Valley, Nye County
Signorotti, Stephen G 12/9/2003	NVN 77942; 240.00 acres	T31N R55E (36)	East of Dixie Flats; Elko Co.
Signorotti, Stephen G 12/9/2003	NVN 77943; 1240.00 acres	T30N R55E (12,13,14)	East of Dixie Flats; Elko, Co.
Western Geothermal Ptnrs 1/8/2004	NVN 77983; 200.00 acres	T08N R29E (25)	Mineral County, near Hawthorne
Western Geothermal Ptnrs 1/8/2004	NVN 77984; 945.09 acres	T07N R30E (5,6)	Mineral County, near Hawthorne
Western Geothermal Ptnrs 1/8/2004	NVN 77985; 1822.76 acres	T08N R30E (29,30,31,32)	Mineral County, near Hawthorne
Noramex Corp. 2/25/2004	NVN 78124; 1880.00 acres	T33N R40E (10) T34N R40E (28,34)	Tipton Ranch, Humboldt County

Katz, Lewis 4/1/2004	NVN 78364; 2340.00 acres	T29N R48E (24,36) T29N R49E (30,32)	Crescent Valley, Eureka County
JAYCOR Mining Inc 6/3/2004	NVN 78572; 1920.00 acres	T17N R39E (23,24,26)	Smith Creek Valley, Lander County
NORAMEX CORP 7/13/2004	NVN 78777; 566.40 acres	T24N R25E (30)	Fireball Ridge, Churchill Co.
Clear Skies Energy Ptnr LLC 7/20/2004	NVN 78813; 3,840.00 acres	T34N R36E (4,6,8) T35N R36E (28,32,34)	West of Winnemucca Pershing/Humboldt Cos.
Katz, Lewis 9/13/2004	NVN 79077; 2560.00 acres	T28N R49E (2,6,8,16)	Crescent Valley, Eureka County
Ormat Energy Inc 9/22/2004	NVN 79103; 80.00 acres	T18N R29E (35)	Salt Wells, Churchill County
Ormat Nevada Inc 9/22/2004	NVN 79104; 2481.00 acres	T18N R30E (28,31-33)	Salt Wells, Churchill County
Ormat Energy Inc 9/22/2004	NVN 79105; 2357.00 acres	T18N R30E (19,20,29,30)	Salt Wells, Churchill County
Ormat Nevada Inc 9/22/2004	NVN 79106; 2556.00 acres	T17N R30E (5-8)	Salt Wells, Churchill County
Ormat Nevada Inc 9/22/2004	NVN 79107; 1280.00 acres	T17N R29E (1,2)	Salt Wells, Churchill County

Recent Geothermal BLM Leases Issued:			
ORMAT Nevada Inc. 8/26/2003	NVN 76209; 2560.0 acres	T24N R47E (10,15,16, 20)	Grass Valley, Lander Co.
ORMAT Nevada Inc. 8/26/2003	NVN 76210; 2563.0 acres	T24N R47E (2,3,4,9)	Grass Valley, Lander Co.
ORMAT Nevada Inc. 8/26/2003	NVN 76211; 2560.0 acres	T24N R47E (21,22,28,29)	Grass Valley, Lander Co.
PSG Resources LLC 8/27/2003	NVN 77110; 640.0 acres	T02S R39E (15)	Silverpeak, Esmeralda Co.
PSG Resources LLC 8/27/2003	NVN 77111; 640.0 acres	T02S R39E (10)	Silverpeak, Esmeralda Co.
Nevada Geothermal Spec	NVN 77271; 2520 acres	T17N R30E (23-26)	Salt Wells
Nevada Geothermal Spec	NVN 77272; 1274 acres	T17N R30E (35,36)	Salt Wells
Western Geothermal Ptnrs 12/1/2003	NVN 77268; 1662.05 acres	T32N R23E (15,16,21,22)	Gerlach
Western Geothermal Ptnrs 12/1/2003	NVN 77273; 1865.64 acres	T17N R31E (19,30,31)	Salt Wells;
Katz, Lewis 5/24/2004	NVN 74266; 640.00 acres	T28N R49E (10)	Crescent Valley, Eureka Co.
Cortez Joint Venture 5/24/2004	NVN 74501; 640.56 acres	T28N R49E (4)	Crescent Valley, Eureka Co.
Geo-Energy Partners 7/2/2004	NVN 76208; 640.00 acres	T01S R36E (16)	Fish Lake Valley, Esmeralda Co.
Evans David M. 7/22/2004	NVN 76302; 1912.00 acres	T26N R35E (25) T26N R36E (29,30)	Buena Vista Valley, Pershing Co.
Kingzett James M 7/22/2004	NVN 77645; 2,560.00 acres	T21N R26E (10,14,24,26)	Hazen, Lyon/Churchill Cos.
Western Geothermal Ptnrs 7/22/2004	NVN 77658; 642.46 acres	T44N R30E (1)	Howard HS, Humboldt Co.
Geo-Energy Partners 9/16/2003; 7/22/2004	NVN 77627; 2560.0 acres	T01S R36E (14,15,21,22)	Fish Lake Vly, Esmeralda Co.
Geo-Energy Partners 9/16/2003; 7/22/2004	NVN 77628; 2556.24 acres	T01S R36E (3,10,11,13)	Fish Lake Vly, Esmeralda Co.
NORAMEX CORP. 10/1/2003; 7/22/2004	NVN 77668; 1959.00 acres	T36N R34E (10,12,22)	West of Blue Mtn, Humboldt Co.
NORAMEX CORP. 10/1/2003; 7/22/2004	NVN 77669; 1338.94 acres	T36N R34E (24,26)	West of Blue Mtn, Humboldt Co.
Kingzett, James M. 10/21/2003; 7/22/2004	NVN 77740; 2560.00 acres	T21N R26E (2,8,12,16)	N of Hazen, Churchill & Lyon Cos.
Kingzett, James M. 10/21/2003; 7/22/2004	NVN 77741; 2560.00 acres	T21N R26E (4) T22N R26E (34,35,36)	N of Hazen, Churchill & Lyon Cos.
Bright-Holland Company 2/19/2004; 7/22/2004	NVN 78098; 800.00 acres	T34N R23E (13,24)	Fly Ranch, Washoe County

Bright-Holland Company 2/19/2004; 7/22/2004	NVN 78099; 2192.61 acres	T34N R23E (1-3,10-12)	Fly Ranch, Washoe County
Bright-Holland Company 2/19/2004; 7/22/2004	NVN 78100; 2083.23 acres	T34N R23E (14,15,22,23)	Fly Ranch, Washoe County
Western Geothermal Ptnrs 3/4/2004; 7/22/2004	NVN 78144; 1280.00 acres	T02S R39E (21,22)	Silverpeak, Esmeralda County
Western Geothermal Ptnrs 6/14/2004; 9/30/2004	NVN 78687; 1180.00 acres	T24N R43E (32,35)	Shoshone Range, Lander County
Western Geothermal Ptnrs 6/14/2004; 9/30/2004	NVN 78688; 2525.00 acres	T23N R43E (3,6,8,9)	Shoshone Range, Lander County
Western Geothermal Ptnrs 7/2/2004; 9/30/2004	NVN 78780; 1,918.36 acres	T02S R39E (2,11,14)	Silverpeak, Esmeralda Co.

Competitive Sale Geothermal BLM Lease Applications (06/2003), DROPPED:			
NGP Power Corp	NVN 77269; 1346.92 acres	T16N R30E (1) T16N R31E (6)	Salt Wells
NGP Power Corp	NVN 77270; 1360 acres	T16N R30E (2,3)	Salt Wells

OTHER NEWS

American Jobs Creation Act of 2004

- ◆ Geothermal Energy Tax Incentive - Production Tax Credit
October 6, 2004, a Congressional Conference Committee reached agreement on the Bill H.R. 4520. The Production Tax Credit, previously for development of wind energy, will be expanded to include geothermal energy. It provides a 1.5 cent-per-kilowatt-hour tax credit for electricity generated from new facilities.
- ◆ On May 11, 2004, the Senate approved the Corporate Tax Bill S. 1637, which included a \$14 billion energy tax incentive package.
"While many of the tax incentives and cuts benefit conventional energy suppliers, the 1.8-cent-per-kilowatt-hour renewable energy credit may help the United States become a larger force in the renewable technology market. However, some advocates of renewable energy claim that a tax incentive may not be enough to spur the industry's development, and that a renewable portfolio standard (RPS) should be implemented in the United States as it has been in some European countries. The 15 states that have independently adopted RPS policies account for 75 percent of renewable industry growth over the last decade, illustrating the potential effect of RPS. President Bush continues to advocate a voluntary approach to renewable development." - <http://www.agiweb.org/gap/legis108/energy.html>

News on the Energy Bill

- ◆ **Link to the new Senate Energy Bill:**
http://energy.senate.gov/legislation/energybill2004/full_text.pdf
- ◆ **Energy Policy Overview – American Geological Institute – Government Affairs Program; 8-25-2004**
<http://www.agiweb.org/gap/legis108/energy.html#recent>
"Energy policy involves many issues of interest to the geoscience community, including resource development on public lands, environmental regulations, climate change, nuclear waste disposal, and research related to coal, oil, gas, geothermal, and hydroelectric power. The inability of the previous 107th Congress to pass comprehensive energy legislation has created a strong impetus for the 108th Congress to act swiftly. The House is expected to vote this spring, and Senate action could occur this summer. General background information on the issues surrounding the development of a national energy policy is available from several Congressional Research Service (CRS) reports (<http://www.ncseonline.org/NLE/CRS/Detail.cfm?Category=Energy>) available from the National Library for the Environment (<http://www.ncseonline.org/NLE/>). Because a great deal of recent activity has centered around natural gas policy, a separate review of gas-related issues, <http://www.agiweb.org/gap/legis108/naturalgas.html> is also available on this site. "

DOE's Tribal Energy Program Issues Solicitations for Renewable Energy Development on Tribal Lands

- ◆ Two Funding Opportunity Announcements Issued; DOE Tribal Energy Program is seeking applications for funding from Federally-recognized Tribes, Alaska Native Villages and Alaskan Native Corporations for: 1) the initial steps toward developing renewable energy and energy efficiency on Tribal Lands; and 2) either renewable energy

feasibility studies or renewable energy development projects. For more information or copies of the announcements, see Funding Opportunities on the Tribal Energy Website at <http://www.eere.energy.gov/tribalenergy>

"Renewable Energy Development on Tribal Lands" (Reference Solicitation Number DE-PS36-04GO94003) Submission deadline February 4, 2005

Under this announcement, DOE is soliciting applications from Federally-recognized Tribes, Alaska Native villages and Alaskan Native Corporations (hereafter referred to as Tribes) to either:

- 1) Conduct feasibility studies for the development of economically sustainable renewable energy installations; or
- 2) Sustainable renewable energy development projects (20% cost share).

"First Steps Toward Developing Renewable Energy and Energy Efficiency on Tribal Lands" (Reference Solicitation Number DE-PS36-04GO94004) Submission deadline January 20, 2005

Under this announcement, DOE is soliciting applications from Federally-recognized Tribes, Alaska Native villages and Alaskan Native Corporations for strategic planning, energy options analysis or resource planning, energy organization development, and human capacity building related to sustainable energy efficiency implementation or renewable energy development.

Funds for these announcements are currently not available. Awards under these solicitations are subject to the amount of discretionary funding, if any, appropriated by Congress.

DOE will only consider applications from Tribes on whose Tribal Lands the project will be located. Applications from a consortium of Tribes will be accepted but must be submitted by a single Tribe representing the consortium.

Lizana Pierce, Project Manager; Tribal Energy Program; U.S. DOE, Golden Field Office; 1617 Cole Boulevard; Golden, CO 80401-3393; Phone: (303) 275-4727; Facsimile: (303) 275-4753; Email: lizana.pierce@go.doe.gov

For information DOE's Tribal Energy Program, see - <http://www.eere.energy.gov/tribalenergy>

Also, see our new "Guide to Tribal Energy Development" at <http://www.eere.energy.gov/tribalenergy/guide>

GRED-III, Application Due (please check site for the latest due date.)

- ◆ DOE's Office of EERE is seeking financial assistance applications for the third Geothermal Resource Exploration and Definition (GRED III) Program. Through this Funding Opportunity Announcement (FOA), DOE intends to provide financial support for the exploration and definition of new geothermal resources, which will ultimately lead to more electrical generation and direct-use applications from geothermal resources. DOE has requested approximately \$2 million in FY 2004 for this program. The actual level of funding, if any, depends on the appropriations for this program. DOE anticipate(s) making 3-10 awards under this announcement depending on the size of the awards.

Title: Geothermal Resource Exploration and Definitions, GRED-III

Number: DE-PS36-04-GO94016

http://www.eere.energy.gov/geothermal/current_solicitations.html

<https://e-center.doe.gov/iips/faopor.nsf/UNID/FE9EF9C9026D358585256E5F007D292D?OpenDocument>

U.S. Department of Energy - Energy Efficiency and Renewable Energy

- ◆ Geothermal Technologies Program - Geothermal Electrical Power System Validation
DE-PS36-04GO94014

DOE's Office of Energy Efficiency and Renewable Energy (EERE) is seeking financial assistance applications that demonstrate innovation in:

Technology for generation of electricity from a greater number of lower temperature (< 300°F) geothermal resources; and Components and processes of the geothermal power plants that result in economical, reliable and efficient electrical power generating systems for geothermal application.

Category I projects must describe a new power plant that is capable of generating electricity from a lower temperature geothermal resources using innovative technology. The new plant shall have a nominal average net electrical output of at least 1 MWe.

Category II proposed technologies must be applicable to commercial generation of electricity at a geothermal power plant. Innovations being sought for this category include new components or processes to be integrated into an existing installation, but not complete power modules that amount to self-contained energy conversion systems.

Approximately \$3 million is expected to be available for new awards. The maximum amount for an individual award is \$2.4 million for Category I and \$400,000 for Category II. DOE anticipates making up to two awards in Category I and up to eight awards in Category II. Awards may run for up to 4 years for Category I and 3 years for Category II.

The application due date is October 5, 2004. For more information -

<https://e-center.doe.gov/iips/faopor.nsf/UNID/F82EE9D59675780D85256EBE0053298A?OpenDocument>

August 9, 2004 - Energy Department to Award \$16.3 Million for 162 Energy Savings Projects

WASHINGTON, DC

- ♦ Secretary of Energy Spencer Abraham announced today that the Department of Energy (DOE) will provide \$16,337,695 for 162 energy efficiency and renewable energy projects in 43 states and the District of Columbia. Funding is being provided through DOE's State Energy Program Special Projects competitive grants. "Energy efficiency is an important part of President Bush's National Energy Policy," said Secretary Abraham. "These important projects will greatly help in achieving the energy efficiency goals our administration has set."

State energy offices will use these funds to improve the energy efficiency of schools, homes and other buildings; promote energy-efficient industrial technologies; and support renewable energy sources such as solar, wind and biomass. Some projects will create opportunities for distributed energy resources. States, territories and the District of Columbia competed for these DOE awards which provide specialized funding in addition to annual formula grants given to each state energy office. While actual award dates will vary, DOE anticipates making the awards in September. -

http://www.energy.gov/engine/content.do?PUBLIC_ID=16356&BT_CODE=PR_PESSRELEASES&TT_CODE=PRESSRELEASE .

U.S. Department of Energy Vacancy Announcement – Program Manager, Office of Geothermal Technologies Program (Senior Executive Service)

- ♦ Salary Range: \$104,927 - \$145,600: Announcement No.: DOE-HQ-ES-EE4-0333; Open 8/4/2004, Close 9/2/2004
"The Office of Geothermal Technologies Program provides overall policy, management, and direction necessary for a balanced program of technology planning, research, development, test, analysis, evaluation, and communication that will increase the viability of geothermal technologies. The incumbent of this position will manage and direct the development, implementation, and evaluation of a national program including technology planning, research, development, demonstration and regulatory strategies." – <http://www.usajobs.opm.gov>
Contact Gwen Brown (202) 586-6715 for additional information.

ORMAT Issues Wall Street IPO Prospectus

- ♦ From Globes (online) – <http://www.globes.co.il> - August 22, 2004
"Ormat Technologies, a subsidiary of Ormat Industries announced its intention of raising \$115 million in a Wall Street IPO, at a company value of \$350-380 million. Ormat Technologies will be traded on the New York Stock Exchange under the ticker symbol ORA. Lehman Brothers will lead the issue. The Bronicki family controls Ormat."

FY2005 Energy and Water Appropriations (7-7-04)

House Action

- ♦ On June 25th, the House approved the FY05 Energy and Water Appropriations Bill, allocating \$28 billion for the Department of Energy. This amount is \$49 million above the President's request and \$735 million above the FY04 enacted level, with the majority of this increase directed toward the Army Corps of Engineers. Under the Energy Supply account, Renewable Energy Resources was allocated \$343 million, a 7% decrease from the FY04 enacted amount of \$370 million and an 8% decrease from the president's request of \$374 million. Included in this category is Geothermal Technology Development and Hydropower. For geothermal technology, the Committee provided the \$25.8 million that the president requested and directed DOE to maintain university research funding at FY04 levels. \$5 million was recommended for hydropower, \$1 million less than requested by the President but \$100,000 more than last year's allocation. DOE was directed to focus on completing a limited program involving new turbine technologies and then transfer them for deployment. Any research for advanced hydropower technology should not be funded by DOE, but rather the agencies that own and operate the Federal hydropower facilities. - http://www.agiweb.org/gap/legis108/appropsfy2005_energy.html

Gov. Guinn Announces Financing To Ensure Completion Of Renewable Energy Projects

- ♦ CARSON CITY, NV – Gov. Kenny Guinn announced today that representatives from the Governor's Office, renewable developers, the state's two investor-owned utilities, the State Consumer Advocate and the staff of the Public Utilities Commission (PUC) agreed on regulatory and legislative proposals that meet Nevada's strict renewable energy portfolio standard. "We are accomplishing two things today," Gov. Guinn said. "We are proposing changes that will give investors in Nevada renewable projects additional reasonable guarantees that they will receive a fair return on their investments. We are also giving our utilities a chance to use more renewable energy, sooner."

The proposals are outlined in three documents filed today with the PUC. They are: a petition asking that a rulemaking docket be opened, draft changes to the PUC's regulations and draft changes to Nevada's Revised Statutes. Gov. Guinn has agreed to file the draft statutory changes with the Legislative Commission or the Legislature at the time the PUC files its adopted regulation. The filings are expected to occur in early September. Proposed regulatory changes give the PUC the authority to create a "Temporary Renewable Energy Development" (TRED) trust that receives renewable energy payments from the utilities' rate payers, and makes scheduled payments to renewable developers for energy delivered to utilities. New PUC authority also allows separation of such revenues from other payments made to utilities so that they are not "commingled" with general revenues. These steps are necessary because investors who should provide the capital for renewable projects are concerned that impaired credit status of the two utilities might interfere with the repayment schedules. Statutory changes, if approved by the Legislature, provide protections for the TRED trust similar to those granted to selected utility contracts and certain state revenue bonds, and would prevent a future PUC from countermanding a PUC Resource Plan order that determined a project was in the public interest and prudent.

"This effort involved the joint commitment of some individuals and organizations that usually have no need to work together," said Richard Burdette, Gov. Guinn's energy advisor. "Nevada's renewable energy development was interrupted by financial events of 2002, but will be put back on track by this initiative."

MEDIA CONTACT: RICHARD BURDETTE, (775) 684-5677.

Office of the Governor
101 North Carson Street
Carson City, NV 89701
Fax: 775-684-7198

Grant Sawyer State Office Building
555 East Washington, Suite 5100
Las Vegas, NV 89101
Fax: 702-486-2505

PUC Approves Regulations to Assist Development of Renewables

- ♦ September 29, 2004, CARSON CITY, NV – The Public Utilities Commission approved new regulations that assist renewable energy developers in obtaining financing for new projects in Nevada. TRED creates an independent trust for an allocation of funds collected by the electric utilities to be disbursed to renewable energy developers for the electricity sold to the utilities. This will guarantee payments to project financiers regardless of the financial situation of the utility. - <http://www.puc.state.nv.us/news/2004/TRED.pdf>

PUC Approves New Renewable Energy Contract

- ♦ October 13, 2004, CARSON CITY, NV – The Public Utilities Commission approved a renewable energy contract for 20 megawatts of new geothermal power to be supplied by ORNI 7 (Ormat Nevada Inc). The 20 year contract is one resulting from the RFP issued by Sierra Pacific in 2003. The power plant, Galena Geothermal 1, will be located south of Reno, NV at Steamboat Springs and is expected to be online by 2006. - <http://www.puc.state.nv.us/news/2004/SPPCcontract.pdf>

WAPA Issues RFP for Renewable Energy Certificates

- ♦ The Western Area Power Administration (WAPA) recently announced its issuance of a request for proposals (RFP) regarding the purchase of renewable energy certificates (RECs). According to WAPA, the RFP contemplates the purchase of 17,375 megawatt-hours of RECs annually by WAPA on behalf of five Environmental Protection Agency (EPA) facilities located throughout WAPA's Rocky Mountain and Sierra Nevada Customer Service Regions.

WAPA noted that the initial term of any contract awarded under the RFP will be for one year. If and when EPA requests; however, WAPA said it will exercise a provision in the contract that allows for the unilateral extension of the contract term by one year intervals for up to two additional years, with the REC unit pricing for each additional year to be equal to that of the initial term pricing.

Favorable consideration will be given to eligible offered RECs generated by renewable resources owned by Native American tribes and/or renewable resources located on Native American tribal property. Contact WAPA, website http://www.wapa.gov/rm/EPA_REC_RFP.pdf.

States of Alaska and Nevada Geothermal Trade Mission, Reno Nevada, June 9, 10 and 11, 2004

- ◆ The Nevada Division of Minerals, Nevada State Energy Office and the Alaska Energy Authority met with representatives from Nevada's and Alaska's Geothermal Industry to share information about geothermal resource development in Nevada and Alaska. The Trade Mission was supported by the US DOE's GeoPowering the West Program.

California Geothermal Summit – Sacramento, CA - May 20, 2004

- ◆ The Summit is designed to help set the stage for geothermal development under the California Renewable Portfolio Standard (RPS) and to establish the California Geothermal Collaborative. Presentations will include information regarding geothermal policies, issues and opportunities for resource development, Federal and State initiatives, and resource potential. To register, RSVP to: GeothermalSummit@energy.state.ca.us. For additional information, contact the California Energy Commission, 1516 9th Street, Sacramento, CA 95814-5504 (916) 654-5129.
- ◆ At the California Geothermal Summit in Sacramento on May 20, 2004, Jim Lovekin presented a summary of geothermal resource capacities and development costs in Nevada and California. The presentation summarized the results of a study GeothermEx has recently completed for the San Francisco Public Utilities Commission (Hetch Hetchy Water and Power) with funding from the PIER program of the California Energy Commission (CEC). The full report (including a database in MS Access) is expected to be available soon at the CEC website. – http://www.energy.ca.gov/geothermal/documents/2004-05-20_summit/2004-05-20_LOVEKIN.PDF

Western Governor's Association – North American Energy Summit – April 14-16, 2004

- ◆ **Plenary Session Recordings are now available -** <http://www.westgov.org/wga/initiatives/energy/summit/index.htm>.
- ◆ See more information about the meeting at the WGA website - <http://www.westgov.org/index.htm>. One of the reports released at the meeting was regarding the design of a regional tracking system to verify and track renewable energy generation.
- ◆ The following is from the WGA website, "WGA and the California Energy Commission are leading a region-wide effort to create an independent regional tracking system to verify and track renewable energy generation in the region. The *Western Renewable Energy Generation Information System (WREGIS)*, which will be operational in 2005, will help utilities comply with renewable energy portfolio standards and will serve to verify retail product claims of "green" power suppliers." - <http://www.westgov.org/wieb/wregis/>

Preserving the Geothermal Technical Literature - Geothermal Technologies Program of the U.S. Department of Energy

- ◆ Princeton Energy Resources International is supporting the efforts to archive, in electronic form, important reports that resulted from U.S. government-sponsored research on geothermal energy since 1974. "The geothermal Technologies Program asked Princeton Energy Resources International (PERI) to survey where the technical literature has ended up, how to find it, and what broad steps might be useful to ensure that important information remains accessible. PERI has already contacted several geothermal program managers at U.S. national laboratories and several information collection agencies. This research has yielded two reports. They can be accessed by going to the PERI website at <http://www.perihq.com> and clicking on the Geothermal E-Archive Project link at the bottom of the page. You can support the effort by completing the survey that is also available via the PERI website". Please contact Dan Entingh (301) 468-8418 or dentingh@perihq.com.

Sierra Pacific Resources Evaluating Bids for New RFP

- ◆ Sierra Pacific and ORNI 7 Agreement Contract approved by PUC October 13, 2004. - <http://www.puc.state.nv.us/news/2004/SPPCcontract.pdf>
- ◆ Sierra Pacific and ORNI 7 Sign New Power Purchase Agreement for Electricity to be Produced with Geothermal Energy – June 30, 2004
Sierra Pacific Power Co. announced that it has signed an agreement with ORNI 7, a subsidiary of ORMAT Nevada Inc. to supply 20 megawatts of renewable energy power to Sierra Pacific. The power will be generated by geothermal energy from the ORNI 7 Galena Geothermal 1 plant at Steamboat, south of Reno, Nevada. This is the first contract to be signed from proposals received by Sierra Pacific from a Request for Proposals issued in August 2003.

- ◆ February 2004; 2003 RRP Status
Colin Duncan of Sierra Pacific reports that they received a wide spectrum of proposed projects to the 2003 Renewable Resources Request For Proposal (RFP). The 2003 RFP received proposals for Geothermal, Wind, Solar, Hydroelectric and BioMass projects. Existing geothermal projects from earlier RFP's include ORMAT, who is on schedule with their 30Mw Desert Peak contract and Earth Power in Elko County, who is continuing forward with their 20Mw geothermal contract. Two renewable projects, which were awarded contracts during earlier RFP's, have been terminated. The ATS 40 Mw Geothermal project in Steamboat, Washoe County, was terminated and an 80 Mw Wind project by Ceilo was also cancelled. In addition to the 120 Mw lost by ATS and Ceilo, Colin Duncan estimates that by the year 2007, they will need an additional 30 Mw bringing the total to 150 Mw needed by the year 2007 from non-solar renewable resources.
- ◆ Sierra Pacific Resources' two Nevada subsidiaries issued a new Request for Proposals for energy generated by renewable energy fuel sources. Responses were due to the utilities and bidding was closed on August 18, 2003; For more information see the website at:
<http://www.sierrapacificresources.com/company/RFPs/renewablerfp.html>
News release: <http://www.sierrapacificresources.com/news/releases/spr/1056956400.html>
"On October 24, 2003, Sierra Pacific Power and Nevada Power (Companies) issued letters to the respondents of the 2003 Renewable Energy RFP indicating if they were on the "Short List", the "Secondary List" or the "Not Successful List".... <http://www.sierrapacificresources.com/company/RFPs/>

Great Basin Center for Geothermal Energy

- ◆ Great Basin Center Contact Information:
 - Dr. Jane C. S. Long, Professor of Hydrologic Sciences; Director, Great Basin Center for Geothermal Energy; Director, Department of Geological Sciences, University of Nevada, Reno, MS 172, Reno, NV 89557-0138.
 - Dr. Lisa Shevenell, Associate Director, Great Basin Center for Geothermal Energy, Nevada Bureau of Mines and Geology, University of Nevada, Reno, MS 178, Reno, NV 89557-0057
 - Contact information for the Great Basin Center for Geothermal Energy
Email: geothermal@mines.unr.edu
Phone: (775) 784-7018
Department of Geological Sciences, University of Nevada, Reno, MS 172, Reno, NV 89557-0138

Great Basin Geothermal Workshop, November 5, 2004

- ◆ JTSU Auditorium, University of Nevada, Reno - Reno, Nevada • USA
For more information, contact: Peggy Brown, Phone (775) 784-7018, Fax (775) 327-5801, E-mail: geothermal@mines.unr.edu, Website: <http://www.unr.edu/geothermal/GBGeothermalMeeting.htm>.

LINKS: USEFUL DATABASES AND GEOTHERMAL INFORMATION

- ◆ American Council on Renewable Energy (ACORE) – <http://www.americanrenewables.org/>
- ◆ American Geological Institute Government Affairs Program - <http://www.agiweb.org/gap>
- ◆ Black Rock-High Rock NCA (National Conservation Area) planning website – <http://www.nv.blm.gov/Winnemucca/>
- ◆ Bureau of Land Management – Nevada Geothermal Program - <http://www.nv.blm.gov/minerals/geothermal/index.htm>
- ◆ Council of State Governments – TrendsAlert; Renewable Energy and State Economics – <http://www.csg.org>. Summarizes issues and policy options for state officials, regarding economic potential of renewable energy.
- ◆ Geo-Heat Center, Oregon Institute of Technology, Klamath Falls, Oregon - <http://geoheat.oit.edu/>
- ◆ GeoPowering the West - http://www.eere.energy.gov/geothermal/deployment_gpww.html
- ◆ GeoPowering the West, GeoPowering the West Calendar – http://www.eere.energy.gov/geothermal/gpww_calendar.html
- ◆ Geothermal Biz.com - <http://www.geothermal-biz.com/>
Geothermal biz.com was created to help the geothermal entrepreneur—companies, small businesses, Native American tribes, homeowners, and individuals—develop geothermal direct use and small power generation projects.

- ◆ **Geothermal Education Office** - <http://www.geothermal.marin.org/>.
PURPOSE. To promote public understanding about geothermal resources and its importance in providing clean sustainable energy while protecting our environment. SCOPE. The Geothermal Education Office (GEO) produces and distributes educational materials about geothermal energy to schools, energy/environmental educators, libraries, industry, and the public.
- ◆ **Geothermal Energy Association** - <http://www.geo-energy.org/>
Developing Plants in the U.S., New page being created; use the form to post your project - <http://www.geo-energy.org/Developing.htm>
- ◆ **Geothermal Resources Council** - <http://www.geothermal.org>
- ◆ **Great Basin Center for Geothermal Energy at the University of Nevada, Reno** - <http://www.unr.edu/geothermal/>
- ◆ **Idaho National Engineering and Environmental Laboratory (INEEL)** - <http://geothermal.inel.gov/>
- ◆ **James & James Science Publishers; Provider of information for energy and environment professionals worldwide; On-line database of renewable energy suppliers** – <http://www.jxj.com/>
- ◆ **National Geothermal Collaborative** – <http://www.geocollaborative.org/>
- ◆ **National Renewable Energy Laboratory (NREL)** - <http://www.nrel.gov/geothermal>. Geothermal Program; Access reports and publications on geothermal energy by Gerald Nix, Charles Kutscher, Barbara Farhar, Keith Gawlik, Brandon Owens, Walter Short.
- ◆ **Nevada Bureau of Mines and Geology, MI-2002, “The Nevada Mineral Industry 2002”** - <ftp://comstock.nbmgs.unr.edu/pub/dox/mi/02.pdf>
- ◆ **Nevada Bureau of Mines and Geology, Geothermal Energy** - <http://www.nbmgs.unr.edu/geothermal/index.html>
- ◆ **Nevada Commission on Mineral Resources, Division of Minerals** - <http://minerals.state.nv.us/programs/ogg.htm>
- ◆ **Nevada State Office of Energy, Renewable Energy & Energy Conservation Task Force, including report by Mary Riddel “Potential Economic Impact of Nevada’s Renewable Energy Resources”** - <http://energy.state.nv.us/taskforce/default.htm>
- ◆ **Nevada Public Utilities Commission** - <http://www.puc.state.nv.us/>
- ◆ **Office of the Governor, Nevada State Energy Office** - <http://energy.state.nv.us/taskforce/default.htm>
- ◆ **Office of Scientific and Technical Information; Subject portals on renewable energy and energy efficient technologies** <http://www.osti.gov/subjectportals/>
- ◆ **Renewable Energy Policy Project & CREST (Center for Renewable Energy & Sustainable Technology)** - <http://www.repp.org/>
- ◆ **Sandia National Laboratories Geothermal Research Dept.** - <http://www.sandia.gov/geothermal/>
- ◆ **Sierra Pacific Resources, Renewables RFP** - <http://www.sierrapacificresources.com/company/RFPs/renewablerfp.html>
- ◆ **Southern Methodist University Geothermal Laboratory** - <http://www.smu.edu/geothermal/>
- ◆ **Stanford Geothermal Program** - <http://ekofisk.stanford.edu/geotherm.html>
- ◆ **U.S. Department of Agriculture, Rural Development** - <http://www.rurdev.usda.gov>
- ◆ **U.S. Geological Survey, USGS - Geopubs**
Online Geologic Publications of the Western United States - <http://geopubs.wr.usgs.gov/>

Information compiled by the Nevada Division of Minerals with assistance from:
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NV 89702-4228

Under USDOE Cooperative Agreement: SEP/CA/03/006 supporting GeoPowering the West.

For further information regarding GeoPowering Nevada or Nevada’s Geothermal Program contact John Snow, Geothermal Program Manager, Nevada Division of Minerals at 775-684-7045, Fax: 775-684-7052, or e-mail jsnow@govmail.state.nv.us