



*Mammoth Pacific I & II, PLES I
Mammoth Lakes, California*

MAMMOTH PACIFIC'S GEOTHERMAL POWER: AN OVERVIEW

Mammoth Pacific's geothermal facilities at Casa Diablo, east of U.S. 395, were built to help reduce our nation's dependence on fossil fuels. That environmental tradition of protecting our natural resources continues today.

Using the earth's natural heat, the Mammoth Pacific facilities currently generate up to 40 megawatts of renewable, environmentally sound electricity—which is enough electricity to power approximately 40,000 homes. Starting in 1984, this electricity has been sold under long-term contracts to Southern California Edison.

This renewable power is created in an environmentally sound manner that protects our natural resources. Not only does the electricity produced by Mammoth Pacific displace the need for fossil fuels, but it does not have the emissions associated with more traditional fossil fuel-fired power plants. Additionally, Mammoth Pacific provides diversity that balances our nation's power generation portfolio.

Through annual payments to the federal government, Mammoth Pacific maintains additional leases to the geothermal resources in the Mammoth area. A portion of these lease payments is routed back to Mono County's general fund.

These federal leases, as well as the national Geothermal Steam Act, require that Mammoth Pacific diligently explore the

leased lands for geothermal resources for possible commercial production. As a part of that effort, Mammoth Pacific is drilling exploration wells in the Basalt Canyon area in order to obtain more information about the geothermal resource in that area.

The Basalt Canyon Exploration Drilling Program

Mammoth Pacific has been authorized to both (1) drill and monitor up to five small diameter observation holes, and (2) drill, complete and test up to two large diameter geothermal exploration wells in the Basalt Canyon area. This work will be performed in an area west of Highway 395, north of State Route 203, and east of Shady Rest Park, entirely on public lands within the Inyo National Forest. The target areas were identified through previously completed geophysical exploration projects and surface geologic mapping. These exploration efforts will provide Mammoth Pacific with additional information about the geothermal resource in this area.

An Environmental Assessment of these exploration drilling projects was prepared by the U.S. Bureau of Land Management and the U.S. Forest Service in conformance with the requirements of the National Environmental Policy Act. After consultation with various interested parties, these two agencies approved the exploration projects, which use best management practices, would implement various mitigation measures, and would result in no significant environmental impacts.

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The drilling of each small observation hole is expected to take approximately 12 days, while the drilling of each larger exploration well is expected to take approximately 20 days. Work will be performed at the site 24 hours a day. Although the drilling area(s) will be lit for safety, special care will be taken to avoid the placement or use of lights that may be visible from Highway 395, State Route 203, the town of Mammoth Lakes, or any other area where a substantial number of viewers may be present. Still, it is expected that the upper-most sections of the drilling rigs will be visible during the temporary drilling periods. Care is also being taken to minimize noise during drilling, but it is possible that some local residents may hear some distant noise during certain atmospheric conditions during this temporary drilling activity.

Following the completion of the drilling activities, all the drilling and construction equipment is removed. Only a small, locked steel canister, approximately three feet in diameter and up to six feet high, would remain on the observation hole site. The residual geothermal well monitoring facilities would consist of a small fenced area and the geothermal well-head valves, which are generally no higher than 10 feet. These will not be lighted, but will be painted to blend in with the landscape, and screened by vegetation to ensure that they would not be readily visible from Highway 395, State Route 203, or the town of Mammoth Lakes.

For questions or comments about the Basalt Canyon drilling program, please call Mammoth Pacific at 934-4893.

MAMMOTH PACIFIC: AN IMPORTANT PART OF OUR COMMUNITY

Mammoth Pacific strongly supports protecting the beauty and unique natural resources of the Eastern Sierra. We are proud of our record and of our dedicated 23 employees who ensure that we consistently work to generate environmentally sound electricity.

With an annual payroll of over \$1.4 million, Mammoth Pacific also plays an important role as a local employer and one of the largest property taxpayers in Mono County. In addition, we continue our record of local community involvement, which includes in-kind and monetary donations as well as volunteer efforts in the Eastern Sierra.

Furthermore, Mammoth Pacific has developed an industry-wide reputation for innovation and leadership, serving as an industry model and bringing various experts and researchers to the area on a regular basis. The geothermal facilities routinely participate in various research projects in cooperation with agencies such as the U.S. Department of Energy, the National Renewable Energy Lab, and the California Energy Commission. These projects evaluate innovative technologies with the purpose of improving operations and efficiency, while ensuring that Mammoth Pacific stays on the cutting edge of technology. As a result of this leadership, Mammoth Pacific's General Manager Bob Sullivan received a prestigious award from the respected Geothermal Resources Council for "outstanding contribution to the development of geothermal resources."

Elected officials, trade associations, community groups, and industry regulators have also recognized Mammoth Pacific for its outstanding record on environmental protection and operations excellence.

For more information about Mammoth Pacific, or to schedule a tour of our facilities, please call 934-4893.



The Mammoth Pacific Geothermal Facility granted a corporate sponsorship contribution to Mammoth Middle School to be donated over a period of three years.

(Left to right: Lori Baitx, Mammoth Middle School Organization President; Bob Sullivan, General Manager, Mammoth Pacific; and Andy Maxey, Operator at Mammoth Pacific.)



The Mammoth Pacific Geothermal Facility was the recipient of the California Dept. of Conservation's Division of Oil, Gas and Geothermal Resources Outstanding Lease Maintenance Award for 2000—the only time a California geothermal operation has received the honor twice in a row.

(Left to right: Bob Sullivan, Mammoth Pacific General Manager; Elizabeth Johnson, DOGGR; and Paul Clements, President of Covanta Energy Americas, Inc.)