

# Vulcan Power Company Salt Wells Geothermal Energy Project

**Toward a safe, clean energy future:** Vulcan Power Company Salt Wells Geothermal Energy Project will be located on public land in Churchill County, Nevada.

## VITALS

**Location:** Churchill County, NV

**Technology:** Binary and/or Flash Geothermal Power Plants

**Electricity production capacity:** up to 120 megawatts

**Company:** Gradient Resources Inc. (formerly known as Vulcan Power Company, Reno, NV)



## THE BLM ACTION -- BLM's decision authorizes:

- ✓ Construction and operation of up to 4 power plants and associated substations.
- ✓ A 230 kilovolt (kV) interconnection transmission line connecting the power plant(s) to the Bunejug Switching Station.
- ✓ Construct up to 26 new well pads and associated wells, roads, and pipelines.

## BY THE NUMBERS – the project is expected to:

- ✓ Generate enough electricity to power approximately 36,000 homes.
- ✓ Create up to 270 construction jobs and up to 70 permanent operation jobs.
- ✓ Be located on 15,622 acres. The BLM manages almost 71% of the land in Churchill County.

**A SMART, COLLABORATIVE PROCESS:** In April 2009, the Bureau of Land Management (BLM) committed to helping the nation reach its clean energy future by guaranteeing coordinated processing, full environmental analysis and public review for specific renewable energy projects where the companies involved had demonstrated they were ready to advance to the formal environmental review and public participation process.

**STRONG ENVIRONMENTAL REVIEW AND MITIGATION:** The BLM worked closely with federal, state and local partners to advance environmentally sound projects.

- ✓ Gradient Resources worked with the U.S. Fish and Wildlife to reduce potential impacts to migratory birds through the development of an Avian Protection Plan.
- ✓ Gradient Resources and the BLM worked closely with the Nevada Department of Wildlife and the Bureau of Reclamation to mitigate concerns to Carson Lake and Pasture.

**THE BIG PICTURE:** Secretary Salazar has established a Department-wide goal to complete the environmental reviews for 9,000 megawatts of renewable energy by the end of 2011. The State of Nevada is working to achieve a 25% Renewable Portfolio Standard by 2025. The Vulcan Salt Wells Geothermal Energy Project is one of the initiatives that will help bring Nevada and this nation one step closer to a clean energy economy.