

Date:

October 19, 2009

Applicant:

CE Obsidian Energy, LLC
Calipatria, CA 92233
760-348-4200

Applicant's Representative:

CH2M HILL
Santa Ana, CA 92707
Contact: James Gorham, 714-435-6151

Project Name:

CE Obsidian Energy, LLC - Black Rock 1, 2, and 3 Geothermal Power Project
WDID No. 7A133032001

Receiving Water:

Trifolium Lateral 15 Drain and the Salton Sea

Location:

City or Area: Unincorporated Area, County: Imperial
Longitude/Latitude: Long. 115° 37'22" W Township/Range Section 33 SW 4, T11S, R13E
Lat. 33° 10'10" N

Project Description:

CE Obsidian Energy LLC proposes to construct three geothermal plants that will produce a combined total of 159 MW net (nominal) of clean, renewable energy, with the project entitled Black Rock 1, 2, and 3 Geothermal Power Project. Other objectives are as follows:

- To further develop geothermal energy production within the Salton Sea Known Geothermal Resource Area (KGRA) in proximity to recoverable geothermal resource, water supply, and electrical transmission lines.
- To use commercially feasible methods to achieve prompt and efficient development of geothermal resources, a renewable energy source, and provide a fair return on the project investment.
- To develop a project that will be sufficiently attractive to the investment community so that the required construction funds may be obtained.
- To construct, operate, and maintain an efficient, economic, reliable, safe, and environmentally sound geothermal facility that will help achieve: (i) the State of California objectives mandated by SB 1078 (California Renewable Portfolio Standard [RPS] Program), (ii) the objectives of the Executive Order issued by Governor Arnold Schwarzenegger in November 2008, which called for an increase in the RPS to 33 percent renewable energy in 2020, (iii) the objectives of AB 32 (California Global Warming Solutions Act of 2006), and (iv) other local mandates adopted by the State's municipal electric utilities to meet the requirements for the long-term wholesale purchase of renewable electric energy for distribution to their customers.
- To enhance the reliability and stability of Imperial Irrigation District (IID) grid in Imperial and Riverside Counties.
- To contribute to the diversification of Imperial County's economic base by providing increased employment opportunities and additional revenue sources from commercial geothermal development.

Action:

Pending

Water Board Contact:

Jay Mirpour, Water Resources Control Engineer

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