

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: _____

Project Title: CUP #19-0028 Heber 1 Repower Project - Initial Study #19-0033

Lead Agency: Imperial County Planning & Development Services Department (ICPDS)

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Project Location: 895 Pitzer Road, Heber, CA Imperial
City *County*

Project Description (Proposed actions, location, and/or consequences).

Applicant proposes to upgrade the existing Heber 1 geothermal facility, which is owned by the subsidiary Heber Field Company, by shutting down the dual-flash steam turbine generator, and installing two new OECs (OEC 1 and OEC 2), reconfiguring two of the existing OECs (OEC 11 and OEC 13), including the installation of ancillary equipment and two (2) 10,000 gallon isopentane tanks. OEC 1 and 2 combined would function as an Ormat Integrated Three-Level Unit (I3LU) and will use air cooling rather than water cooling for the motive fluid. OEC 11 and OEC 13 combined would function as an Integrated Two-Level Unit (ITLU) and will use the existing cooling tower.

Applicant is also proposing to modify the permitted water intake from 1,800 acre feet of irrigation water to the existing water intake of 2,300 acre feet of irrigation water. The purpose of the repower project is to improve efficiency of the operations and increase the net and gross generation to 52MW (net), 78.2 (gross) as initially requested under Conditional Use Permit #15-0013. This proposed project also proposes to extend the permitted life of Heber 1 to 30 years (2021-2051).

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

- Biological Resources
 - MM-BIO-1: Awareness Training
 - MM-BIO-2: Nesting Bird Survey
 - MM-BIO-3: Burrowing Owl Survey
 - MM-BIO-4: Bat Survey
- Geology and Soils
 - MM-PAL-1: Paleontological Monitor
 - MM-PAL-2: Paleontological Monitoring and Mitigation Plan
 - MM-PAL-3: Field Data Forms
 - MM-PAL-4: Testing for Microfossils
 - MM-PAL-5: Recovered Fossils
 - MM-PAL-6: Final Monitoring and Mitigation Report to be filed
- Hazards and Hazardous Materials
 - MM-FIRE-1: Certified Fire Protection Engineer Survey and Analysis
 - MM-FIRE-2: Large Scale Evacuation Area
 - MM-FIRE-4: Automatic Fire Detection System
 - MM-FIRE-5: Fire Department Access Gates and Roads
 - MM-FIRE-6: Fire Code
 - MM-FIRE-7: Product Containment Areas

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

Hazard and Hazardous Materials: Isopentane explosion dangers

Provide a list of the responsible or trustee agencies for the project.

Imperial County Agriculture Commissioner
Imperial County Department of Public Works
Imperial County Fire Department
Imperial County Environment / Health Services
Imperial County Air Pollution Control District
Imperial County Sheriff Department
Caltrans