

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 #: 2024010510

Project Title: Dogwood Geothermal Energy Project

Lead Agency: Imperial County

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Project Location: Heber Imperial
City *County*

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

Ormat has filed three separate Conditional Use Permits (CUP) applications with the County of Imperial for the construction and operation of various facilities. The three CUP applications consist of the following: 1) Dogwood Geothermal Energy Project; 2) Heber 2 Solar Energy Project, and 3) Heber Field Company Geothermal Wells and Pipeline Project. Collectively, these three CUP applications are referred as the "project". The Dogwood Geothermal Energy Project includes a 25-megawatt (MW) geothermal energy facility, two 20,000-gallon aboveground isopentane storage tanks, a 7 MW solar photovoltaic field, and a medium voltage distribution line from the proposed solar facility to the proposed geothermal plant. The cable would be co-located along an existing above ground pipeline. The Heber 2 Solar Energy Project would be a 15 MW solar photovoltaic field (that would connect directly to the Heber 2 geothermal power plant. The Heber Field Company Geothermal Wells and Pipeline Project would include three new geothermal productions wells, one new injection well, and interconnecting brine pipelines.

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

Agricultural Resources: Impacts related to the conversion of Important Farmlands to non-agricultural use would be reduced with MMs AG-1a through AG-2.

AQ: Impacts related to conflicting with or obstructing implementation of a the applicable AQ plan would be reduced with MMs AQ-1 through AQ-6.

BIO: Potential impacts on special-status species would be reduced with MMs BIO-1 through BIO-4.

CUL: Impacts on archaeological resources and human remains would be reduced with MMs CUL-1 and CUL-2.

Energy: Impacts related to wasteful, inefficient, or unnecessary consumption of energy resources would be reduced with MM ENG-1.

GEO: Potential impacts related to geology and soils and paleontological resources would be reduced with MMs GEO-1 and GEO-2.

HAZ: Impacts related to creating hazards to the public or the environment through transport, use, or disposal of hazardous materials would be reduced with MM HAZ-1.

HYDRO: Potential impacts related to water quality, erosion, flooding, stormwater drainage, or conflicts with a water quality control plan would be reduced with MMs HYD-1, HYD-2, and HAZ-1.

Tribal: Potential impacts related to causing an adverse change in the significance of a tribal cultural resource would be reduced with MM TCR-1.

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

A primary issue associated with this geothermal and solar farm project, and other geothermal and solar facility projects that are proposed in the County, is the corresponding land use compatibility and fiscal/economic impacts to the County. Through the environmental review process for this project, other areas of concern and issues to be resolved include impacts on IID drains, air quality, and health and safety hazards. Further, comments received during the scoping process include pipeline integrity and safety concerns (in particular, of existing pipelines in the area and integrity of any proposed pipelines, leaking and spillage); current and proposed pest management practices (Pest Management Plan), to mitigate negative impacts to surrounding farmland including insects, vertebrates, weeds, and plant pathogens; and, implementation and monitoring of non-structural water quality best management practices and reporting (pursuant to Operations Management Plan).

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

- California Regional Water Quality Control Board
- Imperial County Air Pollution Control District
- California Department of Fish and Wildlife
- United States Fish and Wildlife Service
- United States Army Corps of Engineers