

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 #: 2026050221

Project Title: Opson Solar Project - County File #CDLP25-02033

Lead Agency: Contra Costa County Department of Conservation and Development

Contact Name: Adrian Veliz

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Phone Number: 925-655-2879

Project Location: unincorporated Byron
City

Contra Costa County
County

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

The applicant is requesting Land Use Permit approval for a proposed solar energy facility on a 30-acre project site. The proposed 6.6-megawatt (MW) capacity commercial solar energy generation facility would include approximately 11,760 solar panel modules arranged in uniformly spaced arrays throughout the project site. The panel arrays would be mounted on support piers and will include single-axis tracking systems to rotate the panel arrays to track the sun's movement through the sky. Due to the single-axis tracking system, the height of the facility would vary throughout the day. The solar panel arrays would have a maximum height of 7'6" shortly after dawn and prior to dusk when the panels are at their maximum angular orientation. When the sun is directly overhead, the panel arrays would be at their minimum angular orientation (i.e. flat) resulting in a panel array height of 4'6". The proposed facility also includes a 10 megawatt-hour (MWh) battery energy storage system capable of storing excess solar energy generated onsite for export into the public utility grid during nighttime hours or when otherwise necessary to supplement the public energy grid.

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

- Aesthetic: Site lighting or beacons could result in light pollution in the surrounding area, or hazards to aviation. Mitigation measure prohibits the use of beacons or flashing lights in the facility, unless such lights are determined necessary and do not pose hazard to aviation.
- Air Quality: Construction activities can result in temporary air quality impacts relating to dust, or the emission of toxic air contaminants through the use of heavy equipment on site. Mitigation includes requirement to adhere to BAAQMD best management practices during project construction phase to minimize temporary air impacts related to construction.
- Cultural Resources/Tribal Cultural Resources: mitigations include stopping work and requiring a qualified archaeologist or the County Coroner to examine the site/materials if any heretofore unknown prehistoric/historical materials or human remains are encountered during ground disturbance activities.
- Biological Resources: mitigation includes pre-construction botanical and bird nesting surveys to verify absence of bird nesting sites and special status plant species. Additional mitigation measures for special status species American Badger, burrowing owl, and Swainson's hawk are included due to their potential to occur on site.

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

None known

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

- Contra Costa County Public Works Department
- Contra Costa County Building Inspection Division
- Contra Costa County Fire Protection District
- Contra Costa County Environmental Health
- Pacific Gas & Electric Co.