

East Bay Municipal Utility District

Orinda Photovoltaic Solar Energy Project

Project Goals:

- EBMUD is committed to reducing greenhouse gas emissions to combat climate change; its Board of Directors has set a goal for the agency to be carbon neutral by 2030.
- Orinda Photovoltaic Solar Energy Project (Orinda PV) is EBMUD's largest solar installation to date and is one of the largest solar installations in the East Bay.
- The Orinda PV project will generate approximately 10 million kilowatt-hours (kWh) of clean, renewable electricity a year – offsetting nearly 10 percent of its energy costs.

Details:

- The 4.6-megawatt (MW) Orinda PV project is located on EBMUD watershed property in Orinda west of 518 Bear Creek Road, approximately 0.5 mile north of the intersection of Bear Creek Road and San Pablo Dam Road in the City of Orinda, Contra Costa County, California.
- This installation will supply EBMUD with electricity at a fixed price that will provide \$26 million in energy cost savings to EBMUD ratepayers over the 25-year contract term. Savings could be even greater if retail electric rates continue to increase more than inflation.
- This project adds to EBMUD's other renewable energy projects, including 40 MW of hydroelectric, 11 MW of biogas, 2 MW of existing PV projects, and 210 kW of additional PV under development.
- Orinda PV's 12-acre solar array will connect directly to the electric grid. The electricity generated will be applied to more than 20 of EBMUD's larger electric accounts.
- The solar panels are mounted on a tracking system that will follow the sun's path through the day to maximize energy production.
- EBMUD appreciates the work and cooperation of our project partners, including TotalEnergies, Panorama Environmental Inc., the City of Orinda, and PG&E.

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Orinda PV Array

