

DOCKETED

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Project Title:	Vaca Dixon Power Center Project
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Document Title:	Appendix Z Facility Definitions_VDPC
Description:	In accordance with California Code of Regulations Title 20 § 1877 (b), Appendix Z provides an explanation of how the Project facilities meet one or more of the definitions of “facility” in California Public Resources Code § 25545(b).
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Appendix Z

Facility Definitions

Facility Definitions

In accordance with California Code of Regulations Title 20 § 1877 (b), the following provides an explanation of how the Vaca Dixon Power Center Project (Project) meets one or more of the definitions of “facility” in California Public Resources Code § 25545(b). Per California Public Resources Code § 25545(b), “facility” means any of the following:

- (1) A solar photovoltaic or terrestrial wind electrical generating powerplant with a generating capacity of 50 (MW) or more and any facilities appurtenant thereto.
- (2) An energy storage system as defined in Section 2835 of the Public Utilities Code that is capable of storing 200 megawatt hours or more of electrical energy
- (3) A stationary electrical generating powerplant using any source of thermal energy, with a generating capacity of 50 megawatts or more, excluding any powerplant that burns, uses, or relies on fossil or nuclear fuels.
- (4) A discretionary project as described in Section 21080 for which the applicant has certified that a capital investment of at least two hundred fifty million dollars (\$250,000,000) will be made over a period of five years and the discretionary project is for (A) the manufacture, production, or assembly of an energy storage system or component manufacturing, wind system or component manufacturing, and solar photovoltaic energy system or component manufacturing, or (B) the manufacture, production, or assembly of specialized products, components, or systems that are integral to renewable energy or energy storage technologies.
- (5) An electric transmission line carrying electric power from a facility described in paragraph (1), (2), or (3) that is located in the state to a point of junction with any interconnected electrical transmission system.
- (6) A hydrogen production facility and associated onsite storage and processing facilities that do not derive hydrogen from a fossil fuel feedstock and that receive funding from any of the following:
 - a. The Hydrogen Program established pursuant to Section 25664.1.
 - b. Section 91530, as added by the Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024.
 - c. The Alliance for Renewable Clean Hydrogen Energy Systems (ARCHES) authorized by Article 15 (commencing with Section 12100.160) of Chapter 1.6 of Part 2 of Division 3 of Title 2 of the Government Code, as awarded by the United States Department of Energy Office of Clean Energy Demonstrations.
- (7) A geothermal powerplant or a project that comprises multiple geothermal powerplants on a single site.

As described in Chapter 2, *Project Description* of this Opt-In Application, the Project involves the construction and operation of the Vaca Dixon Battery Energy Storage System (BESS) (57 megawatts [MW], 1-hour duration, 57 MW hour [MWh]) and the Arges BESS (100 MW, 4-hour duration, 400 MWh), which will have a combined storage capacity of 457 MWh. Therefore, the Project meets the definition of a “facility” per California Public Resources Code § 25545(b), paragraph (2).

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