



April 4, 2025

VIA EMAIL: [PV-BESS@HSR.CA.GOV](mailto:PV-BESS@HSR.CA.GOV)

STEFAN GALVEZ-ABADIA, DIRECTOR OF ENVIRONMENTAL SERVICES  
ATTN: CENTRAL VALLEY PV/BESS PROJECT EIR/EIS  
CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
770 L STREET, SUITE 620, MS-2  
SACRAMENTO, CA 95814

Dear Stefan Galvez-Abadia:

NOTICE OF PREPARATION OF A PROJECT LEVEL ENVIRONMENTAL IMPACT REPORT FOR A SOLAR ARRAY AND BATTERY ENERGY STORAGE SYSTEM PROJECT FOR THE CALIFORNIA HIGH-SPEED RAIL SYSTEM PROJECT, SCH# 2025020596

The Department of Conservation's (Department) Division of Land Resource Protection (Division) has reviewed the Notice of Preparation of a Project Level Environmental Impact Report for a Solar Array and Battery Energy Storage System Project (Project) for the California High-Speed Rail System.

The Division monitors and maps farmland conversion on a statewide basis, provides technical assistance regarding the Williamson Act, and administers various agricultural land conservation programs. Public Resources Code, section 614, subdivision (b) authorizes the Department to provide soil conservation advisory services to local governments, including review of CEQA documents.

Protection of the state's agricultural land resources is part of the Department's mission and central to many of its programs. The CEQA process gives the Department an opportunity to acknowledge the value of the resource, identify areas of Department interest, and offer information on how to assess potential impacts or mitigation opportunities.

The Department respects local decision-making by informing the CEQA process and is not taking a position or providing legal or policy interpretation.

We offer the following comments for consideration with respect to the project's potential impacts on agricultural land and resources within the Department's purview.

#### PROJECT ATTRIBUTES

The purpose of the Central Valley Photovoltaic and Battery Energy Storage System (PV/BESS) Project is for the Authority to operate the HSR System on 100 percent renewable energy through solar generation and battery storage on Authority-owned

land. The Project would provide both a primary source of power and backup power to Traction Power Substations (TPSS) #7, #9, #10, and #12 along the rail alignment between Merced and Bakersfield, California. The PV will produce the energy to power the system while the BESS will provide energy backup in the event of an outage and reduce peak-demand during normal train operations. The battery storage would be co-located with the TPSS, while the solar arrays would be located adjacent to the HSR alignment.

The Project sites contain Prime Farmland, Farmland of Statewide Importance, and Unique Farmland as designated by DOC's Farmland Mapping and Monitoring Program. A portion of the proposed project sites may be subject to a Williamson Act contract.

### PROJECT CONSIDERATIONS

The conversion of agricultural land represents a permanent reduction and impact to California's agricultural land resources. The Department generally advises discussion of the following in any environmental review for the loss or conversion of agricultural land:

- Type, amount, and location of farmland conversion resulting directly and indirectly from implementation of the proposed project.
- Impacts on any current and future agricultural operations in the vicinity; e.g., land-use conflicts, increases in land values and taxes, loss of agricultural support infrastructure such as processing facilities, etc.
- Incremental impacts leading to cumulative impacts on agricultural land. This would include impacts from the proposed project, as well as impacts from past, current, and likely future projects.
- Implementation of any City or County Agricultural Mitigation Plans, Programs, or Policies.
- Proposed mitigation measures for impacted agricultural lands within the proposed project area.
- The project's compatibility with lands within an agricultural preserve and/or enrolled in a Williamson Act contract.

### WILLIAMSON ACT

Where, as here, the project site is located on land subject to a Williamson Act contract, the Department advises that the environmental review discuss the compatibility of the project with the contract and local Williamson Act program requirements.

### MITIGATING AGRICULTURAL LAND LOSS OR CONVERSION

Consistent with CEQA Guidelines, the Department advises that the environmental review address mitigation for the loss or conversion of agricultural land. An agricultural conservation easement is one potential method for mitigating loss or conversion of agricultural land. (See Cal. Code Regs., tit. 14, § 15370 [mitigation includes "compensating for the impact by replacing or providing substitute resources or

environments, including through permanent protection of such resources in the form of conservation easements."]; see also *King and Gardiner Farms, LLC v. County of Kern* (2020) 45 Cal.App.5th 814.)

Mitigation through agricultural conservation easements can take at least two forms: the outright purchase of easements or the donation of mitigation fees to a local, regional, or statewide organization or agency whose purpose includes the acquisition and stewardship of agricultural easements. The conversion of agricultural land may be viewed as an impact of at least regional significance. Hence, the search for replacement lands may not need to be limited strictly to lands within the project's surrounding area. A helpful source for regional and statewide agricultural mitigation banks is the California Council of Land Trusts. They provide helpful insight into farmland mitigation policies and implementation strategies, including a guidebook with model policies and a model local ordinance. The guidebook can be found at:

[California Council of Land Trusts](#)

Of course, the use of conservation easements is only one form of mitigation, and the Department urges consideration of any other feasible measures necessary to mitigate project impacts.

Thank you for giving us the opportunity to comment on the Notice of Preparation of a Project Level Environmental Impact Report for a Solar Array and Battery Energy Storage System Project (Project) for the California High-Speed Rail System. Please provide the Department with notices of any future hearing dates as well as any staff reports pertaining to this project. If you have any questions regarding our comments, please contact Farl Grundy, Associate Environmental Planner via email at [Farl.Grundy@conservation.ca.gov](mailto:Farl.Grundy@conservation.ca.gov).

Sincerely,



Monique Wilber  
Conservation Program Support Supervisor