



Central Valley Heavy Maintenance Facility

Site Alternative Screening Fact Sheet

The California High-Speed Rail Authority is in the process of selecting a location for a Heavy Maintenance Facility (HMF) in the Central Valley to support the state's high-speed rail system. This facility is where the trains will be initially assembled and tested, and then receive in-depth maintenance and overhaul, ensuring the smooth operation of high-speed passenger rail service along the 500-mile route. The HMF will also provide light maintenance until other facilities come online in the San Francisco Bay Area and the Los Angeles area. The HMF will be powered by 100% renewable energy. At present, 11 potential sites are being evaluated:

- Castle Commerce Center, Merced County
- Merced Mission Avenue, Merced County
- Merced Option B, Merced County
- Kojima, Madera County
- Fagundes, Madera County
- Gordon-Shaw, Madera County
- Fresno, Fresno County
- Hanford, Kings County
- Wasco, Kern County
- Shafter East, Kern County
- Shafter West, Kern County



Screening Criteria and Methodology

The Authority is conducting a rigorous evaluation of the 9 proposed sites identified in previous Central Valley environmental documents, and 2 additional sites identified in Merced County, to ensure the best fit for high-speed rail operations. In order to evaluate each site's potential, the following criteria is being considered:

Size, Location, and Configuration:

- Large enough to accommodate the proposed facilities (a minimum of approx. 150 acres and 8,000 feet in length);
- Proximity to the 171-mile initial operating segment between Merced and Bakersfield; and
- Two independent points of access

Feasibility and Constructability:

- Connectivity and accessibility of the site;
- Disruption to existing infrastructure; and
- Capital costs

Community Disruption:

- Potential property displacements and impacts to communities

Environmental/Natural Resources:

- Land use compatibility
- Biological resources
- Aquatic resources
- Cultural resources
- Parkland and Section 4(f) resources
- Agricultural lands
- Noise and vibration
- Visual resources
- Geologic/soils/floodplain constraints
- Hazardous materials

Next Steps

The Authority is undergoing a site evaluation and selection process. Following completion of the site evaluation—applying the criteria and a subsequent public scoping process anticipated to occur in summer 2026—a preferred site will be identified in the draft environmental document.



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