



CALIFORNIA
High-Speed Rail Authority

Central Valley Solar Photovoltaics & Battery Energy Storage Systems Project Scoping Meeting

Fresno

California High-Speed Rail Authority
Fresno Boardroom, 1111 H Street,
Fresno, CA
March 11

Wasco

Wasco Veterans Hall (Room 1)
1202 Poplar Avenue, Wasco, CA
March 12

Hanford

Hanford Civic Auditorium
400 N Douty Street, Hanford, CA
March 13

Today's Agenda

- Welcome and Introductions
- California High-Speed Rail Program Update
- Solar Photovoltaics & Battery Energy Storage System Project Overview
- Open House and Opportunities to Comment

Interpretation Services

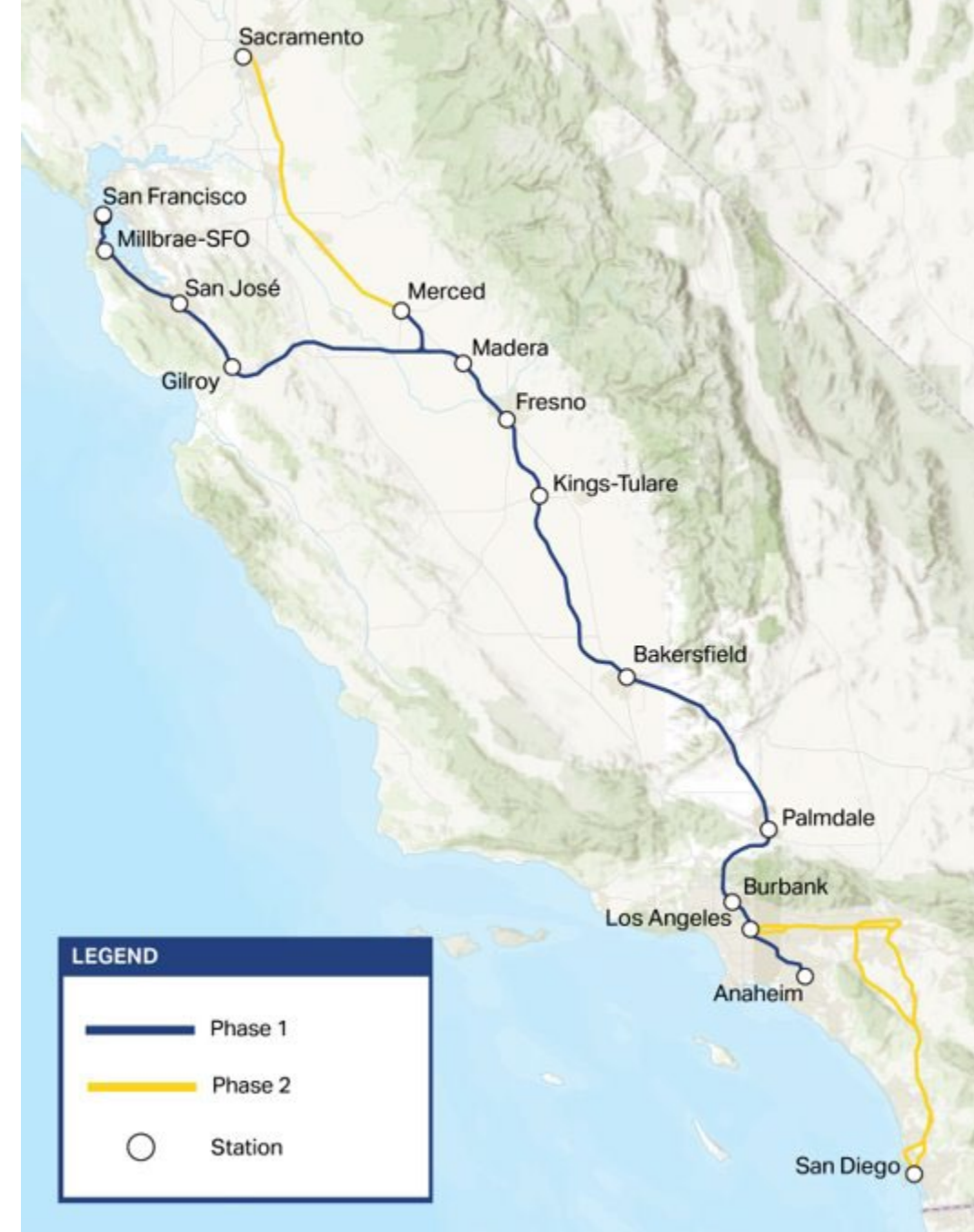
Interpretation services are available during the meeting in Spanish and Hmong.

If you need an interpreter, please visit the welcome table. Meeting staff will direct you to the interpreters.

California High-Speed Rail Program Update

Connecting California

- System will be built in two major phases:
 - Phase 1
 - 494 Miles
 - San Francisco to Los Angeles/Anaheim
 - Under 3 hours between San Francisco and LA
 - Phase 2
 - Extends the system another 300 miles
 - Connections to Sacramento and San Diego
- Trains will travel up to 220 mph
- Route to include up to 24 stations



Where We Are Today

- 119 miles under construction
 - 3 major construction packages
- 52 miles under advanced design
 - North into Merced and south into Bakersfield
- Environmentally cleared 463 miles between the San Francisco Bay Area and Los Angeles County.
 - Final 38 miles completed in June 2024 between Palmdale and Burbank.
- Statewide bookend projects
- Station design ongoing for 4 Central Valley Stations
 - Merced, Fresno, Kings/Tulare and Bakersfield



High-Speed Rail Benefits

\$18 Billion

Economic Output



Program Expenditures
(July 2006 to June 2023)

\$203 Billion

Total Economic Output



(Through Phase 1)

1,358 Tons

Lifetime VERA Construction
Emission Offsets



Voluntary Emission
Reduction Agreements (VERA)

4,490+ Acres

Habitat Land Restored or Preserved



Through 2023

14,232

Construction Jobs as of Sept. 2024



92,000

Job Years Created



(July 2006 to June 2023)

860

Small Businesses Engaged



(As of Aug. 2024)

\$6.5 Billion

Benefit to Disadvantaged Communities



(July 2006 to June 2023)

Solar Photovoltaics (PV) & Battery Energy Storage Systems (BESS) Project Overview

What is the PV-BESS Project?

- Solar Components
- BESS-TPSS Components
- Power Distribution

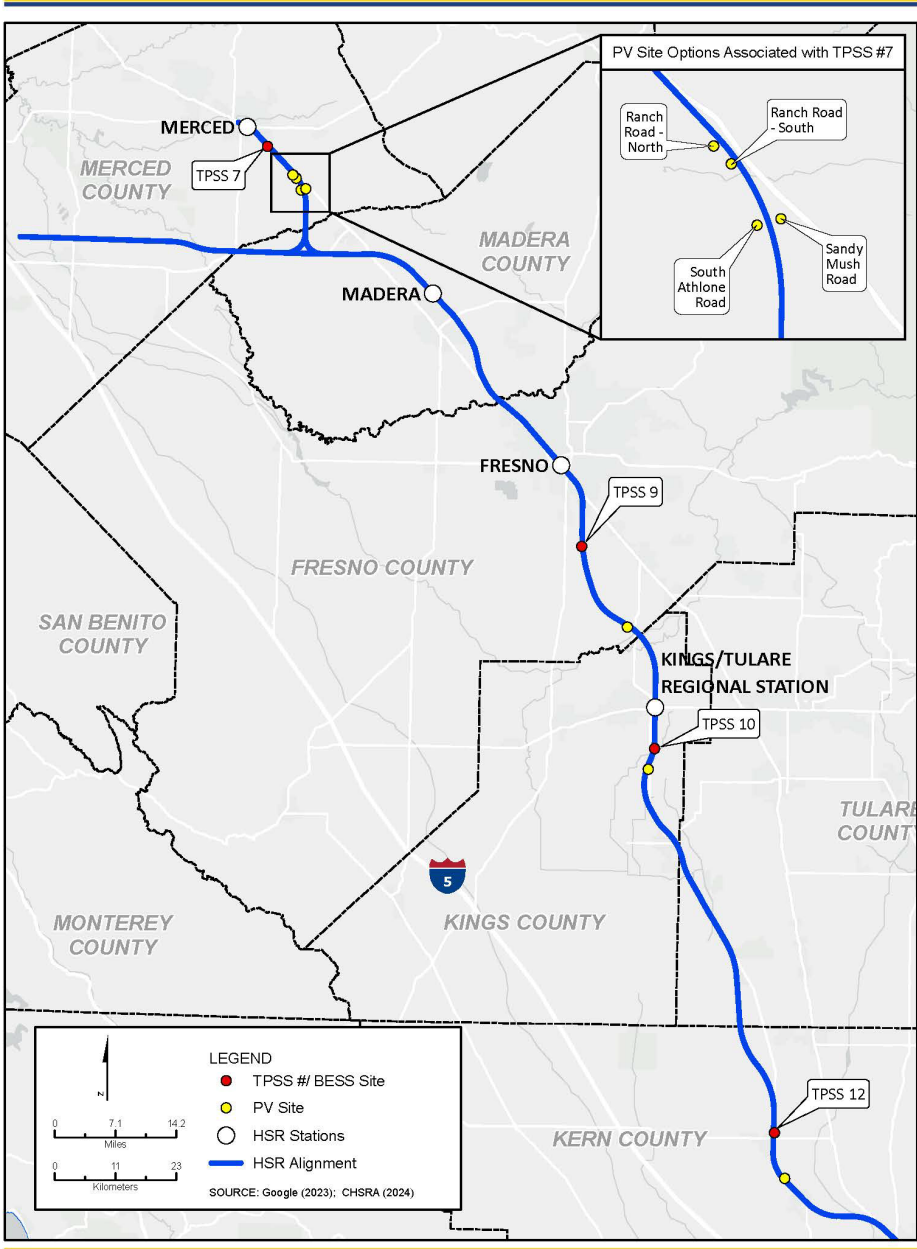


Where is the Solar PV Located?

- The Authority currently owns the parcels associated with the Solar PV array sites for Traction Power Substation (TPSS) # 9, TPSS #10, and TPSS #12
- The Authority does not own sufficient property near TPSS #7 to accommodate the needed Solar PV. Four (4) sites are currently under analysis and one will be selected to meet this requirement.

Solar PV Connection to:	TPSS/Solar PV County Location	Solar PV Parcel Ownership	Approximate Acreage Needed for Solar PV (ac)
TPSS 7	Merced	Privately owned	70-78
TPSS 9	Fresno	Authority owned	72
TPSS 10	Kings	Authority owned	54
TPSS 12	Kern	Authority owned	72

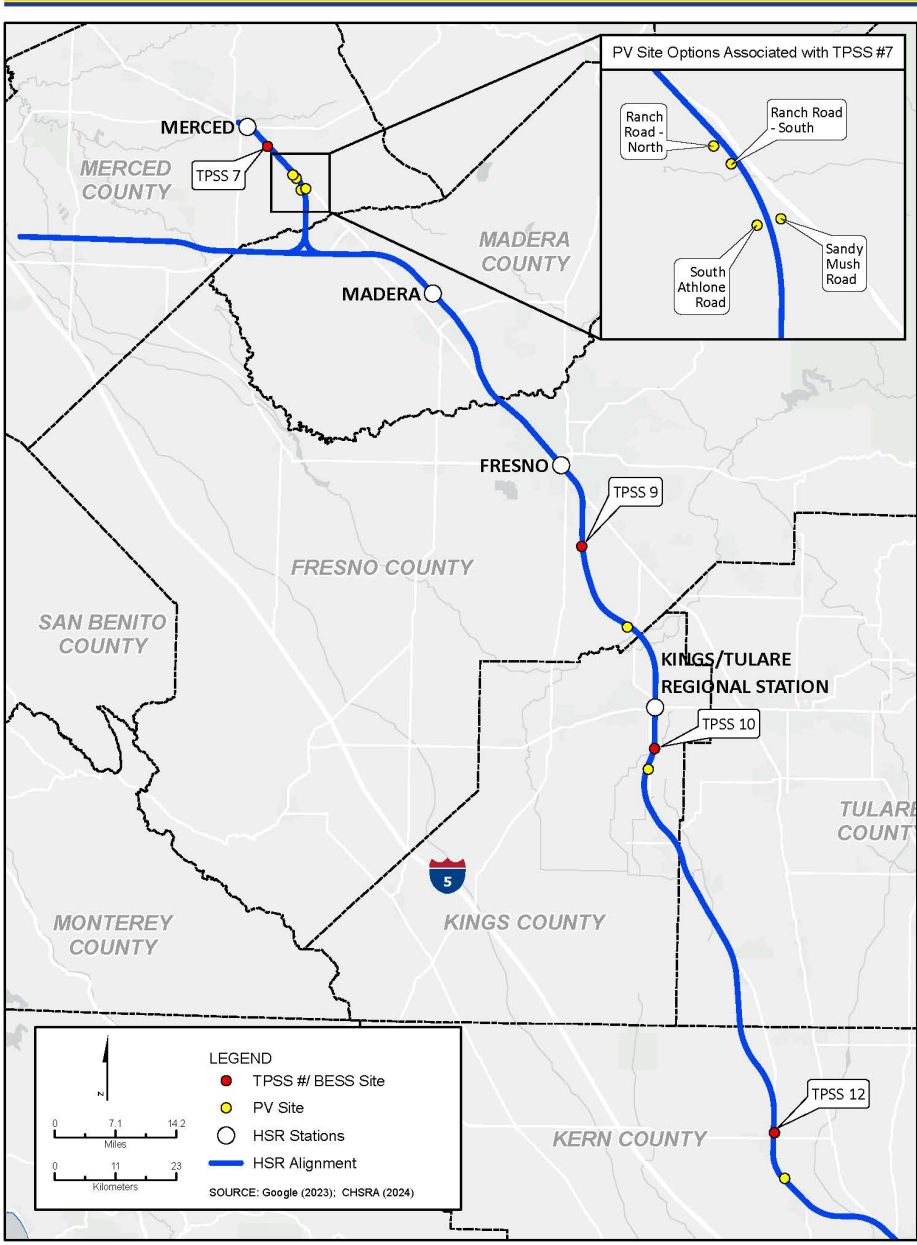
- The Authority is considering alternative sites for TPSS #12 and its corresponding PV.



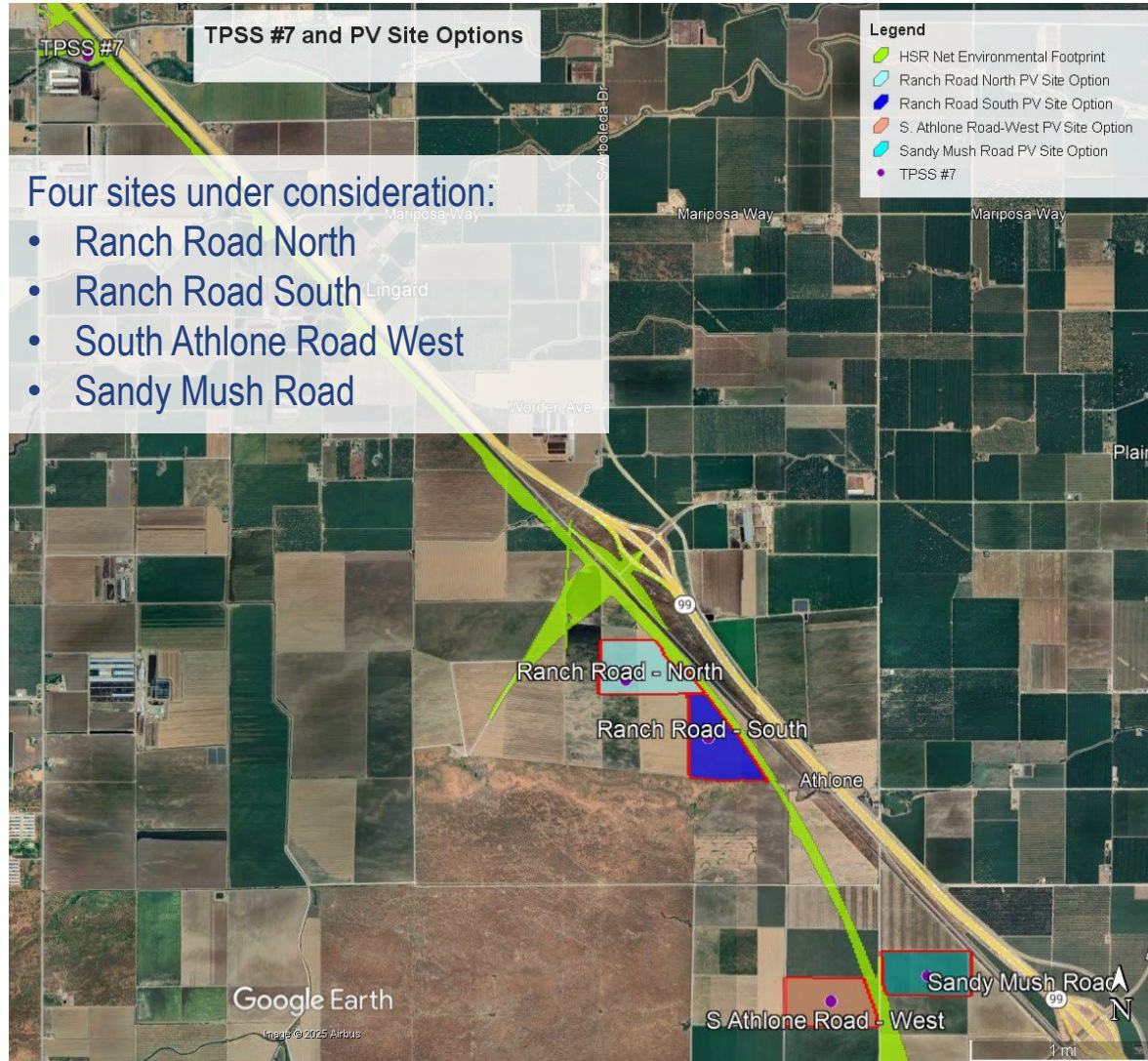
Where is the BESS Located?

- There is sufficient space to co-locate BESS at each of the corresponding TPSS parcels, which were previously approved by the Authority

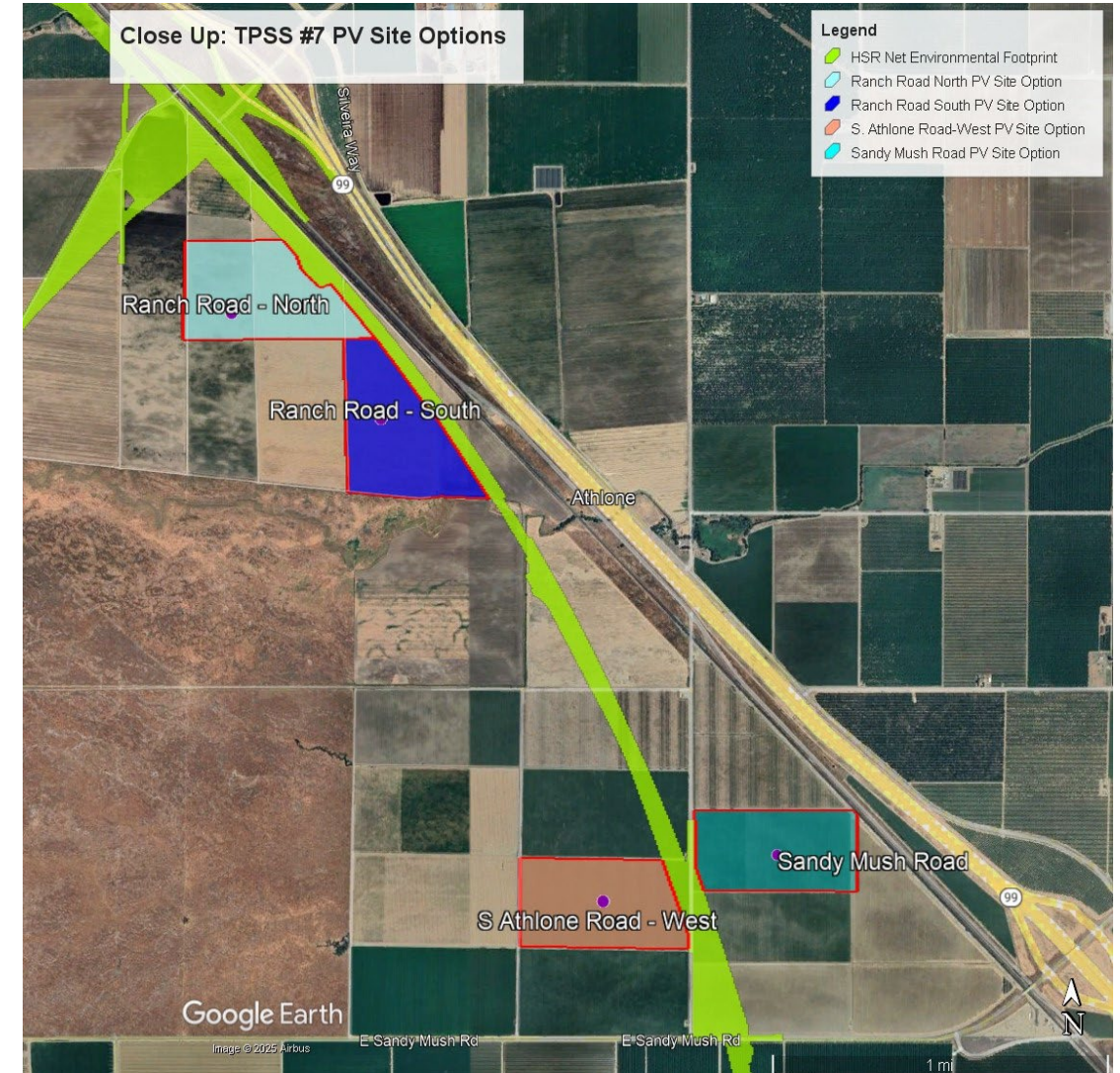
BESS Site Co-located with:	TPSS/BESS County Location	BESS Land Area
TPSS 7	Merced	0.3 acres
TPSS 9	Fresno	0.3 acres
TPSS 10	Kings	0.3 acres
TPSS 12	Kern	0.3 acres



TPSS #7 - Merced County

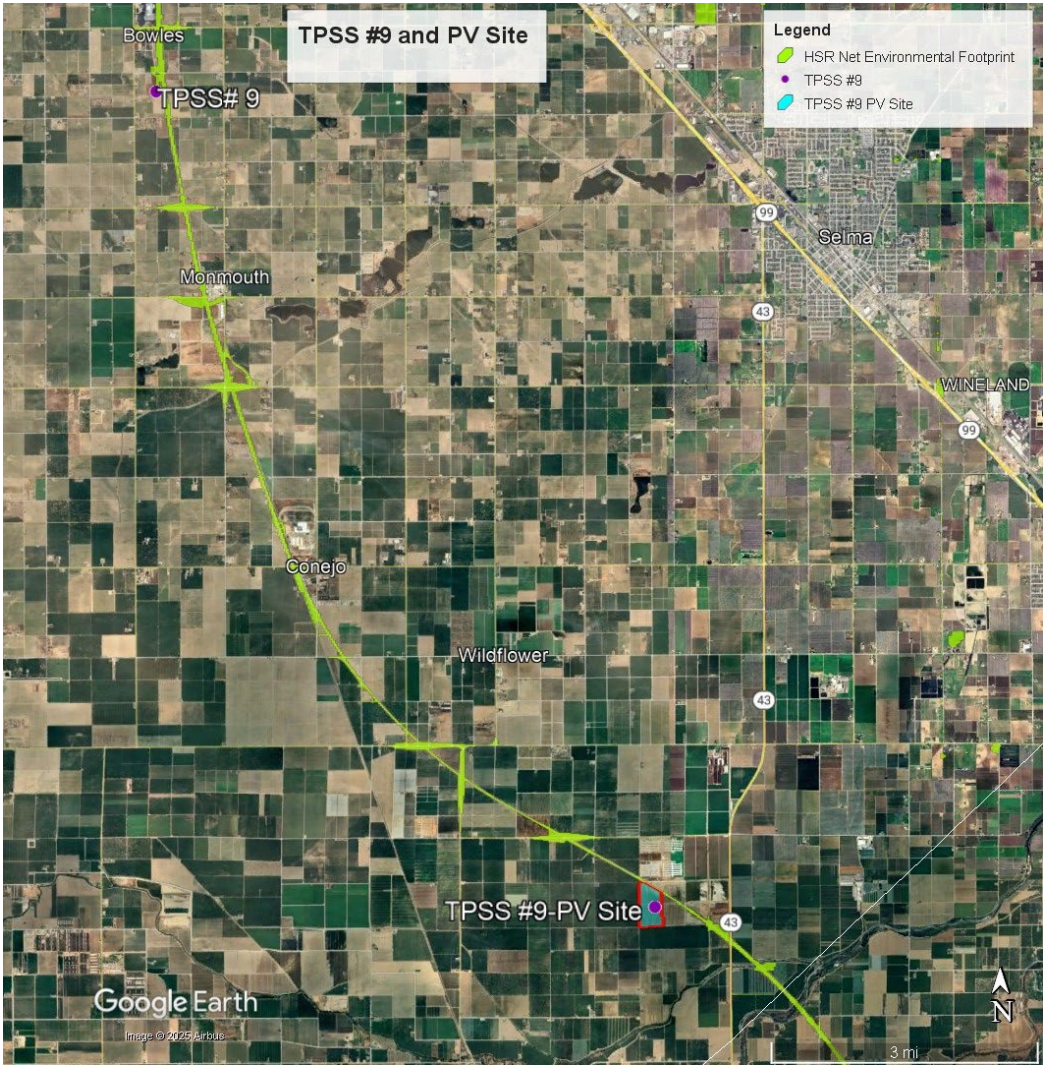


Overview TPSS #7 and 4 PV Site Options

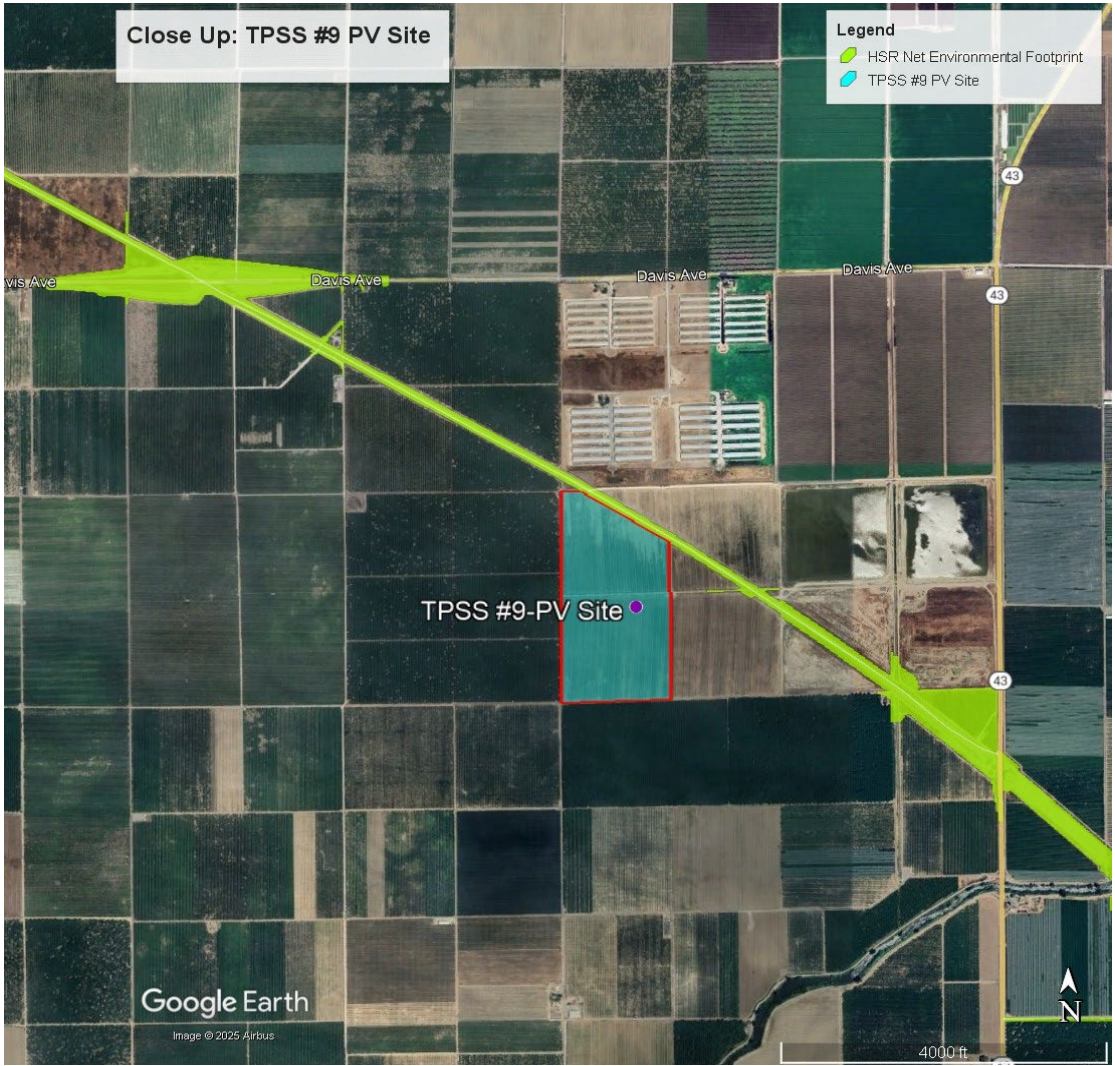


Close Up View of the 4 PV Site Options for TPSS #7

TPSS #9 - Fresno County

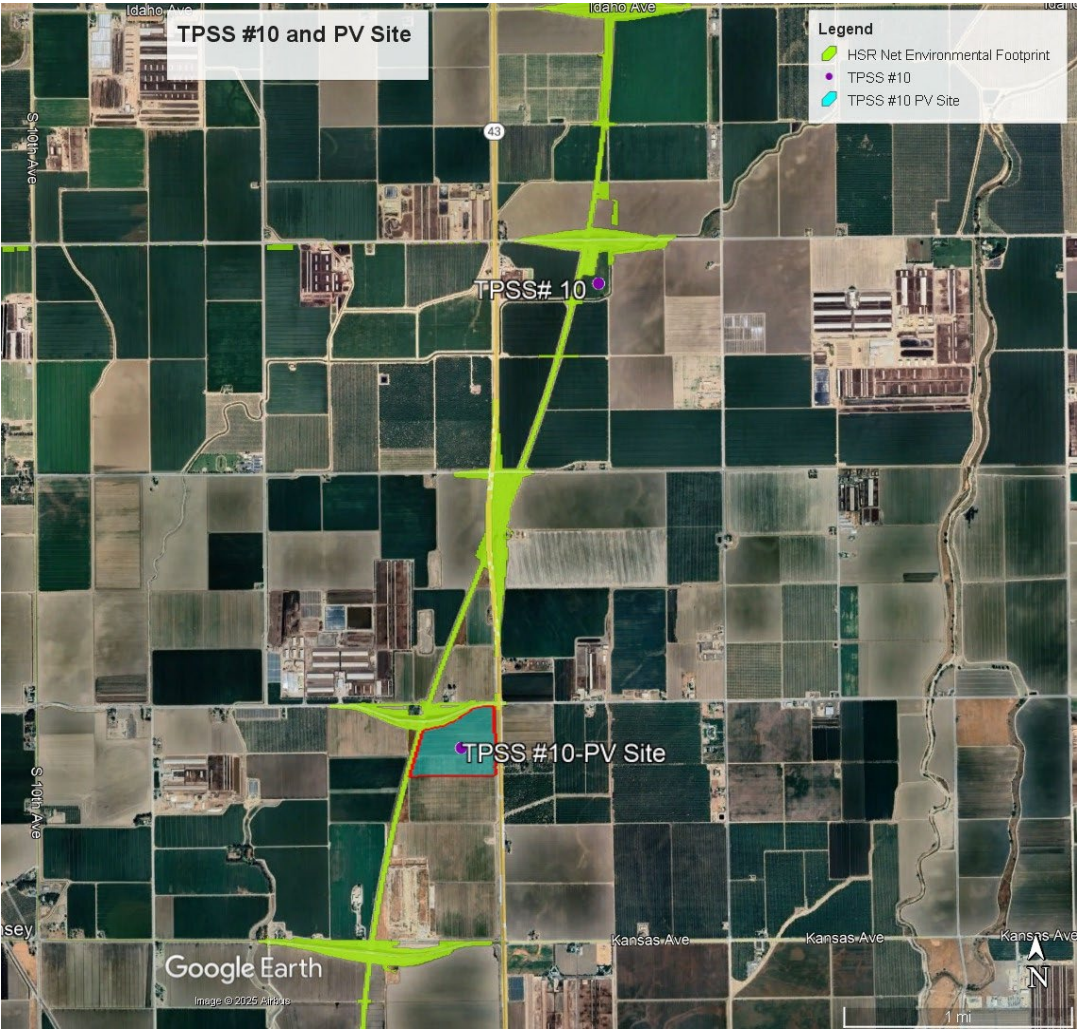


Overview TPSS #9 and PV Site

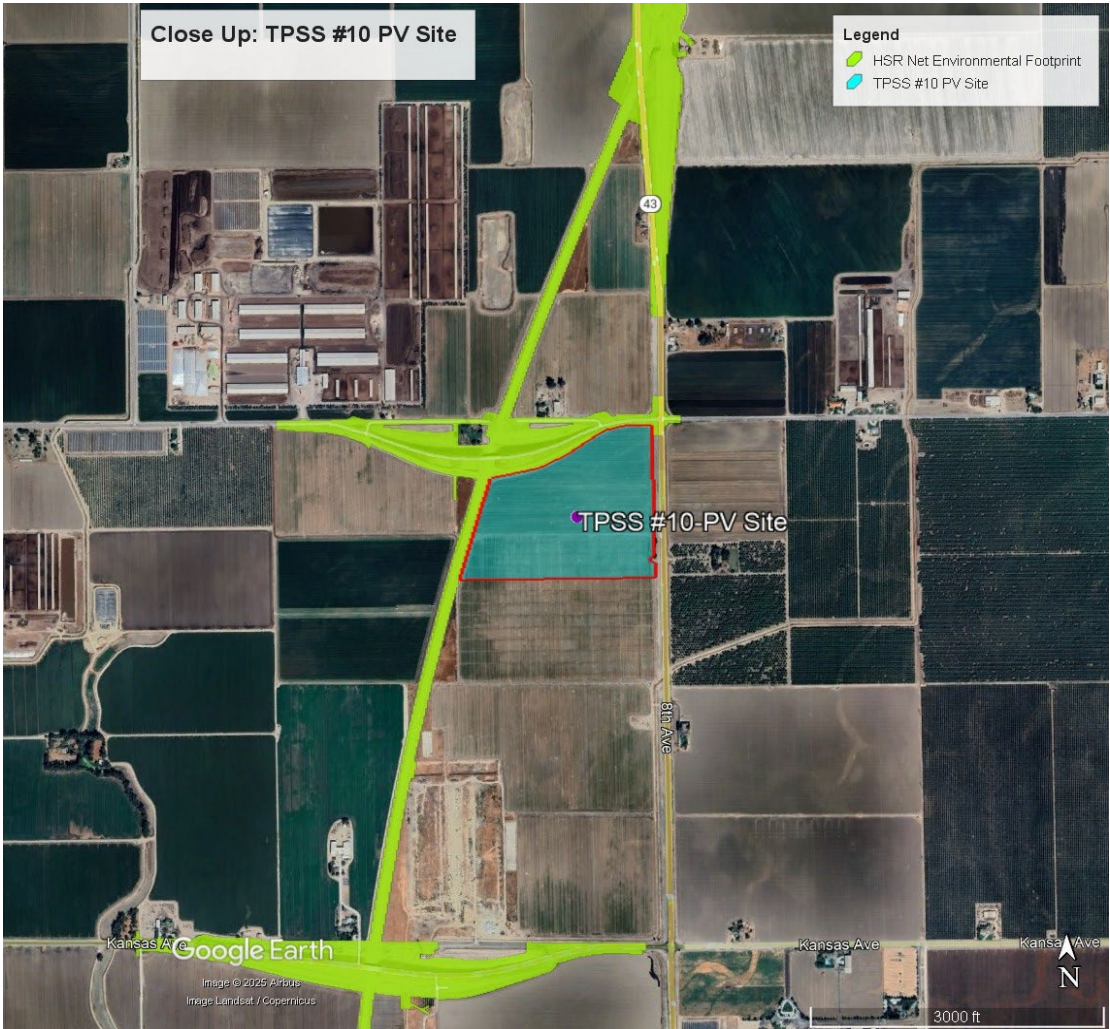


Close Up View of the TPSS #9 PV Site

TPSS #10 - Kings County

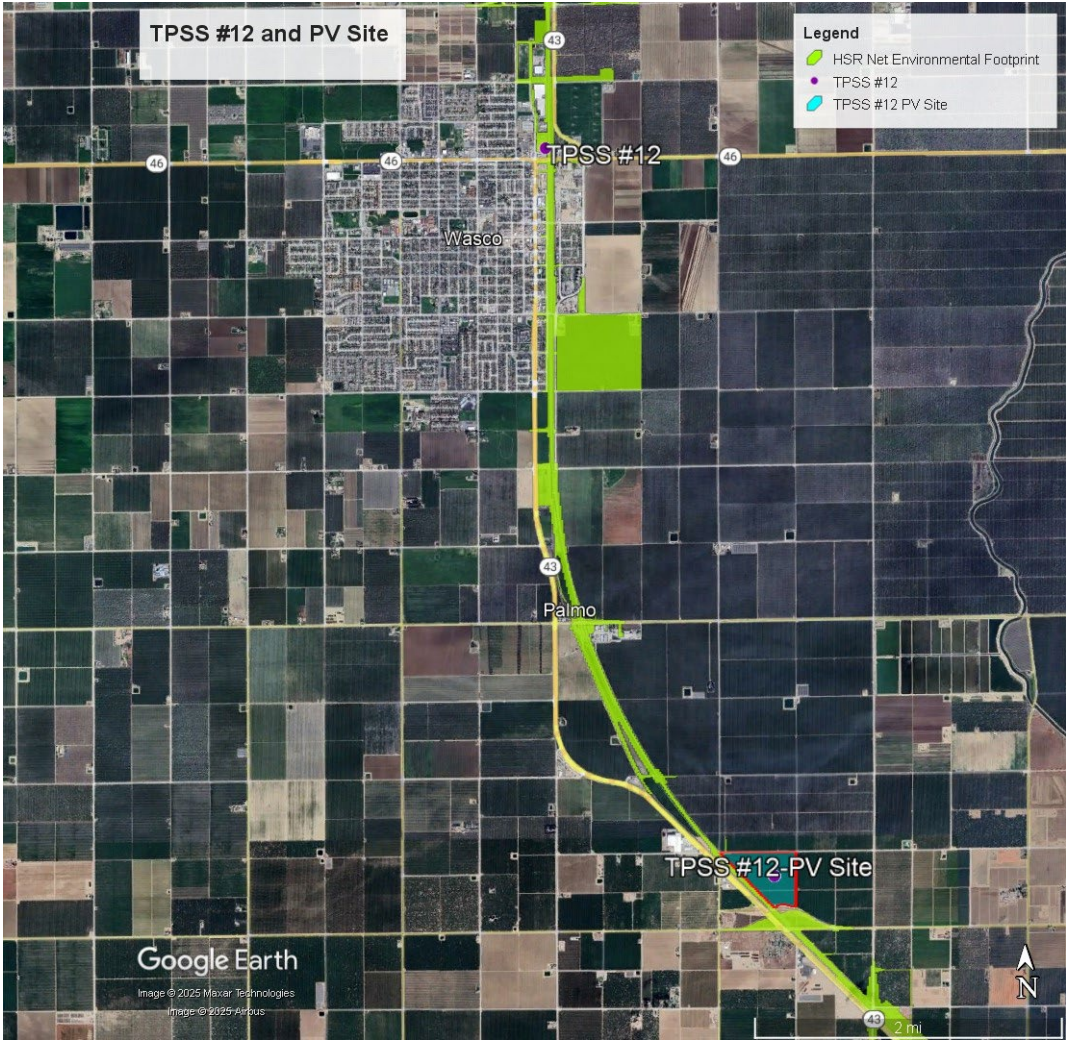


Overview TPSS #10 and PV Site



Close Up View of the TPSS #10 PV Site

TPSS #12 - Kern County



Overview TPSS #12 and PV Site



Close Up View of the TPSS #12 PV Site

What are some Environmental Implications?

- Biological Resources
- Cultural Resources
- Hazardous Materials
- Development in Floodplains
- Agricultural Land Conversion

What is the Process?

- Scoping period is February 19 to April 8, 2025
- March 2025: Environmental scoping meetings
- Circulation of the Draft Environmental Document beginning of 2026
- Circulation of a Final Environmental Document at the end of 2026



Site Screening

Environmental Scoping

Environmental Document

What do we need from YOU?

- **LET US KNOW:**

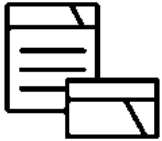
- What specific details would you like to be evaluated in the CEQA environmental impact report.
 - Specific details that you would like to be considered about the four optional solar array sites associated with Traction Power Substation 7.
- **Today's comments are part of the formal process.** The public comment collection period is February 19 – April 8. All written comments must be received by the Authority by April 8, 2025.

Public Comment

- The Scoping Public Comment Period for the PV/BESS Project is **Wednesday, February 19 -Tuesday, April 8, 2025**. Comments may be provided in writing, verbally, or through the project hotline.



Oral comments may be provided now. Attendees will have an opportunity to provide their comments to a court reporter.



Submit written comments at this meeting or via email to: PV-BESS@hsr.ca.gov



Call the project hotline at 1-559-425-4438 and leave a voicemail with your public comment.



Submit written mailed comments to:
Stefan Galvez-Abadia
Director of Environmental Services
California High-Speed Rail Authority
770 L Street, Suite 620, MS-2
Sacramento, CA 95814

Scoping Meetings

FRESNO: Scoping Meeting #1

Tuesday, March 11, 2025

5:00 p.m. to 7:00 p.m. (PV/BESS Presentation at 5:30 p.m.)

California High-Speed Rail Authority, Central Valley Regional Office (Boardroom)

1111 H Street, Fresno, CA

WASCO: Scoping Meeting #2

Wednesday, March 12, 2025

5:00 p.m. to 7:00 p.m. (PV/BESS Presentation at 5:30 p.m.)

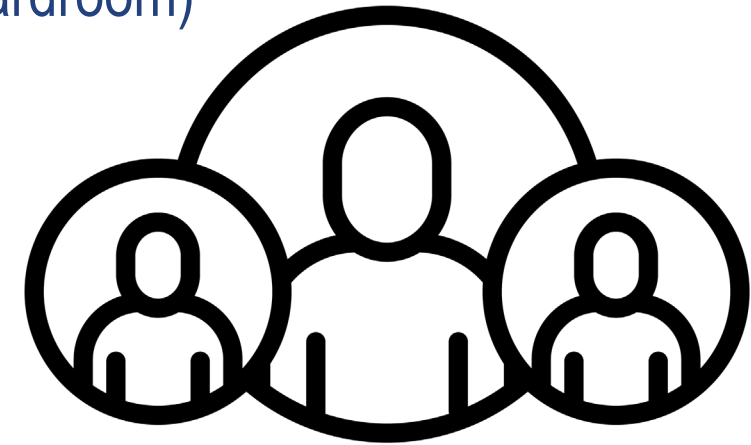
Wasco Veterans Hall (Room 1), 1202 Poplar Avenue, Wasco, CA

HANFORD: Scoping Meeting #3

Thursday, March 13, 2025

5:00 p.m. to 7:00 p.m. (PV/BESS Presentation at 5:30 p.m.)

Hanford Civic Auditorium, 400 N. Douty Street, Hanford, CA



Thank you!

You are invited and encouraged to browse our stations around the room, talk to project staff, ask questions, and provide feedback!

You can send additional comments or questions anytime to: pv-bess@hsr.ca.gov



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