

Southern California Edison
2026-WMPs – 2026-WMPs

DATA REQUEST SET O E I S - P - W M P _ 2 0 2 5 - S C E - 0 1 2

To: OEIS
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Job Title: Senior Advisor
Received Date: 7/17/2025

Response Date: 7/22/2025

Question 01.a-j:

Regarding Vegetation Clearance Remote Sensing Inspections:

SCE's GRC filing shows that SCE plans to conduct a pilot of full-system remote sensing inspections in 2025. After concluding the pilot study, the GRC filing shows SCE intends to transition from relying primarily on ground inspections to relying nearly exclusively on remote sensing for vegetation clearance inspections.

- a. Provide any process documents SCE is using or will use to plan, conduct, and evaluate the remote sensing pilot.
- b. Provide any scope of work and process documents SCE has or will provide to contractors or internal employees involved in the remote sensing pilot.
- c. Provide the criteria SCE is using or will use to determine if the remote sensing pilot is successful.
- d. Provide metrics and targets for success/failure of the pilot (e.g. % agreement between remote sensing and ground inspection prescriptions and what percentage would be considered successful).
- e. Provide a timeline for the remote sensing pilot.
- f. Provide a data management strategy and any data management process documents for managing the remote sensing data.
- g. Describe how SCE plans to phase in this transition, for years 2026, 2027, and 2028.
- h. Provide a timeline for the transition.
- i. Provide separate targets for remote sensing and ground patrol inspection activities for SCE's clearance inspection programs (VM-7 and VM-8), broken out by year (2026, 2027, 2028). If SCE cannot provide separate targets for each year, it must explain why it cannot do so and when it will be able to provide separate targets.
- j. Describe under what conditions SCE plans to conduct ground-based inspections informed by remote sensing results during the WMP cycle (2026-2028).

Response to Question 01.a-j:

Please see SCE's response to OEIS' data request below.

- a.) Provide any process documents SCE is using or will use to plan, conduct, and evaluate the remote sensing pilot.*

Currently, SCE has two remote sensing pilots underway in 2025. Both pilots use remote sensing technology (typically LiDAR) to determine two separate functions related to Vegetation Management. The first is called "TrimRx" where the technology is being used to

auto-define tree prescriptions. The second is “Crown Association” where the technology is being used to match individual trees with individual crowns for future use with SCE’s CanopySense program. Both pilots are being field validated by Quality Control personnel. Because SCE is still piloting and enhancing the new technology, SCE is currently drafting scopes of work and process and procedural documents for TrimRx and Crown Association with the plan to finalize the documents prior to full implementation

- b.) Provide any scope of work and process documents SCE has or will provide to contractors or internal employees involved in the remote sensing pilot.*

Please see response to item (a) above.

- c.) Provide the criteria SCE is using or will use to determine if the remote sensing pilot is successful.*

The success criteria for TrimRx will include the percentage of automated trim prescriptions that match a corresponding field-verified trim prescription and/or trim for the piloted circuits/areas. The success criteria for Crown Association will be the percentage of accurate inventory crown-to-tree associations.

- d.) Provide metrics and targets for success/failure of the pilot (e.g. % agreement between remote sensing and ground inspection prescriptions and what percentage would be considered successful).*

Please see response to item (c) above. SCE is testing the technology capabilities and has not determined specific thresholds or percentages.

- e.) Provide a timeline for the remote sensing pilot.*

The TrimRx and Crown Association pilots commenced in 2025. Pending results, SCE plans to begin implementing the new technology on an incremental basis in 2026.

- f.) Provide a data management strategy and any data management process documents for managing the remote sensing data.*

Please see response to item (a) above.

- g.) Describe how SCE plans to phase in this transition, for years 2026, 2027, and 2028.*

Pending the results of the pilot, SCE plans to begin implementing the new remote sensing technology in 2026. However, the extent of SCE’s transition in future years depends on the results of the pilot.

h.) Provide a timeline for the transition.

Please see response to item (g) above.

i.) Provide separate targets for remote sensing and ground patrol inspection activities for SCE's clearance inspection programs (VM-7 and VM-8), broken out by year (2026, 2027, 2028). If SCE cannot provide separate targets for each year, it must explain why it cannot do so and when it will be able to provide separate targets.

SCE plans to use the new technology across the entire service area, which includes inspections for VM-7 and VM-8. For 2026 and beyond, the percentage of remote sensing versus ground inspections utilized will be determined based on the results of the remote sensing pilot.

j.) Describe under what conditions SCE plans to conduct ground-based inspections informed by remote sensing results during the WMP cycle (2026-2028).

For the period 2026 to 2028, SCE plans to continue to use ground-based inspections in areas where remote sensing is unable to perform quality inventory inspections, subject to the results of the remote sensing pilot.