

Remote Virtual Inspection Rooftop Solar Photovoltaic System

Remote virtual inspection (RVI) may be done via live stream, pictures, video or any combination. A link or a phone number for live stream must be emailed to inspector prior to the start of scheduled inspection. The inspection host shall comply with all safety measures required by Cal OSHA at all times.

Part I – Jobsite Verification

A live stream or recorded video showing the street address and advancing to the location of the rooftop solar photovoltaic system project is required.

Part II – Inspection Procedures

The following pictures are required prior to the start of an inspection. Do not substitute pictures with video. (Be aware that an inspection will not take place without these pictures.) Once the pictures are received and reviewed by the inspector, a live stream inspection will commence.

1. The front of the building showing the street address.
2. The roof plane that supports the array(s) prior to placing the array(s).
3. A view from the ground that shows the array supports aligned with the rafters.
4. All of the pictures that were taken during the erection of the array. Show the racking without the modules installed. Show all of the bare copper ground wire, rail supports, junction boxes, extended plumbing vents, etc.
5. All equipment manufacturer labels (modules, inverters, optimizers, service panels, distribution panels, disconnects, and transfer switches).
6. All applied labels at service equipment, disconnects, inverters, junction boxes, conduit, etc.
7. The space under the array(s).
8. Inside junction boxes with closeup of C-taps showing the crimping tool witness marks.
9. Junction box mounting hardware.
10. Conduit located within an attic.
11. Underside of roof sheathing in the attic directly under the array.
12. Conduit supported on roofs and secured to walls.
13. Conduit roof jack flashing.
14. AC disconnect from the vantage point of the electrical service panel.
15. The service panel dead front.
16. The inside of the service panel.
17. A closeup of any added circuit breaker and manufacturer's label.
18. The location of all equipment.



19. The inside of all equipment.
20. Grounding from array to electrode.
21. Roof planes with the array setbacks.
22. An electronic copy of the approved plans.

Part III – Smoke and Carbon Monoxide Alarm Verification

A live stream or recorded video showing alarm locations per [Remote Virtual Inspection for Smoke and Carbon Monoxide Alarms.](#)