

# Home photovoltaic panel evaluation report template

How do I evaluate a solar array site?

To assist in evaluating each home, EPA has developed an online Renewable Energy Ready Home Solar Site Assessment Tool(RERH SSAT), which compares the solar resource potential of a proposed array site to the optimal solar resource potential at the same location.

#### What should a solar installation checklist include?

The checklist should include items such as the size and orientation of the site, the amount of shading, the availability of water and electricity, etc. By including these items on the checklist, solar installers can ensure that they can collect all of the necessary information about a potential installation site.

### What if a solar Assessment Report is dated before installation?

If the solar assessment report's satellite, drone or other digital image is dated before the installation of the photovoltaic system, additional on-site pictures must be attached to clearly show that the installed system matches the system modeled in the solar assessment report.

## What documents should be included in a solar roof plan?

At a minimum, these documents must include specific documentation of dead loads, live loads, wind loads, and, where applicable, snow loads for the existing roof design. These plans will provide important information for the solar designer when the homeowner decides to install a system.

#### How do I know if my property can accommodate a solar installation?

Electrical Infrastructure: A thorough understanding of the property's electrical infrastructure is necessary to determine if it can accommodate a solar installation. This includes information on the main electrical panel, utility meter, and any existing wiring or circuits.

### What are photovoltaic panels & how do they work?

They are designed for builders constructing single family homes with pitched roofs, which offer adequate access to the attic after construction. It is assumed that aluminum framed photovoltaic (PV) panels mounted on a "post" and rail mounting system, the most common in the industry today, will be installed by the homeowner.

This solar site survey checklist can be used to determine if a commercial or residential property is suitable for installing solar panels. During site visits, site surveyors can use this checklist to collect information about the

The document is a site assessment form for a potential PV system installation that collects information about the client's electricity usage and property, including the roof orientation and material, available roof space,



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soil conditions, and ...

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