

Approved Shade Analysis Tools

The following are the approved shade analysis and solar resource tools. Please refer to all program and installation requirements.

Approved on-site shade analysis tools: Energy Trust requires the entire array(s) to have a TSRF of 75 percent or greater to be eligible for solar incentives. Projects may include modules with a TSRF of less than 75 percent if the modules are electrically isolated using micro inverters, but those modules will not be eligible for incentives. Trade allies must submit a solar resource evaluation taken from the point on the array with the lowest TSRF using one of the following approved site analysis tools:

- [Using the Pathfinder Site Analysis Tool](#)
- [Using the Solmetric SunEye Shading Analysis Tool](#)

Approved remote shade analysis tools: Energy Trust requires that each of the array(s) or roof planes have a TSRF of 80 percent or greater to be eligible for incentives. Trade allies must submit a solar resource evaluation using one of the following approved remote site analysis tools.

- [Using the Bright Harvest Remote Site Analysis Tool](#)
- [Using the Aurora Solar Remote Site Analysis Tool](#)
- [Using the Helioscope Remote Site Analysis Tool](#)

Conventional sun charts for Oregon cities are used for calculating TSRF and are approved for submission with solar incentive applications. To request a location-specific sun chart, please **submit a request** to program staff.