

Helioscope – Creating a Solar Resource Assessment for Energy Trust Incentive Applications

Energy Trust requires that each incentive application include a solar resource assessment using an approved site analysis tool. Solar resource assessments evaluate the impact of shading and array tilt and orientation on the annual production of the solar electric system. For remote shade analysis tools such as Aurora Solar, Energy Trust requires that each individual array on a site have a Total Solar Resource Fraction (TSRF) of 80% or greater to be eligible for Program incentives.

For more information: www.helioscope.com

Introductory webinar: Thursday, November 17 from 11:00 – 12:00 p.m. - [Register for the webinar](#)

- 1. Prior to using Helioscope to create a solar resource assessment, each member of your sales or system design team must go through an official training with Helioscope Staff.**
2. Select the customer's site and draw the complete roof structure.
3. Draw any shade obstructions on the roof surface or surrounding trees that will effect system performance.
4. Where LiDAR imaging is available adjust the shape and height of shade obstructions to best match available imaging.
5. Design a solar electric system that provides the customer with maximum performance and mitigates the effect of any shade that may be present.
6. Generate a Production Report and a Shade Report for the site. Adjust each of the fields as required in the attached example.
7. Enter either the TSRF for each individual field segment or the lowest overall field segment TSRF value into the PowerClerk incentive application.
8. Submit the production report and shade report as an attachment to the incentive application in PowerClerk.
9. Share a copy of the final site design in Helioscope with solar@energytrust.org for review.

EXAMPLE SHADE REPORT AVAILABLE SOON