

Attachment C

Shading Analysis

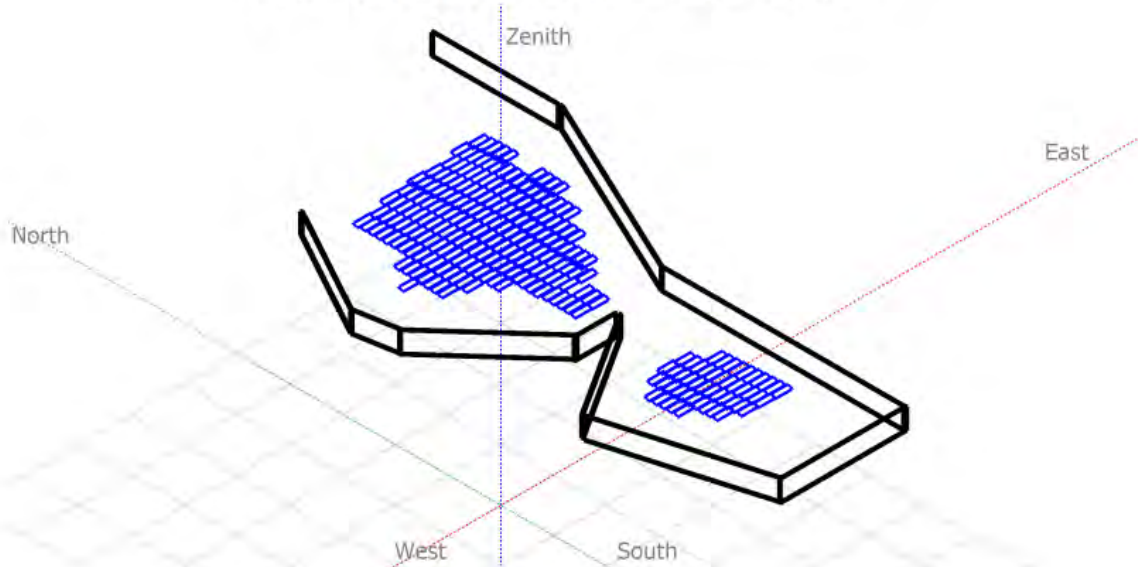
40 Sizer Dr, Wales, MA – Shading Analysis

Abstract: This report is to perform PVsyst production analysis based on different locations of tree-clearing line. All the other factors were set to the same except for the tree-clearing location.

Software Used: PVsyst V6.88

- Shading Scene 1: Proposed Tree-Clearing location

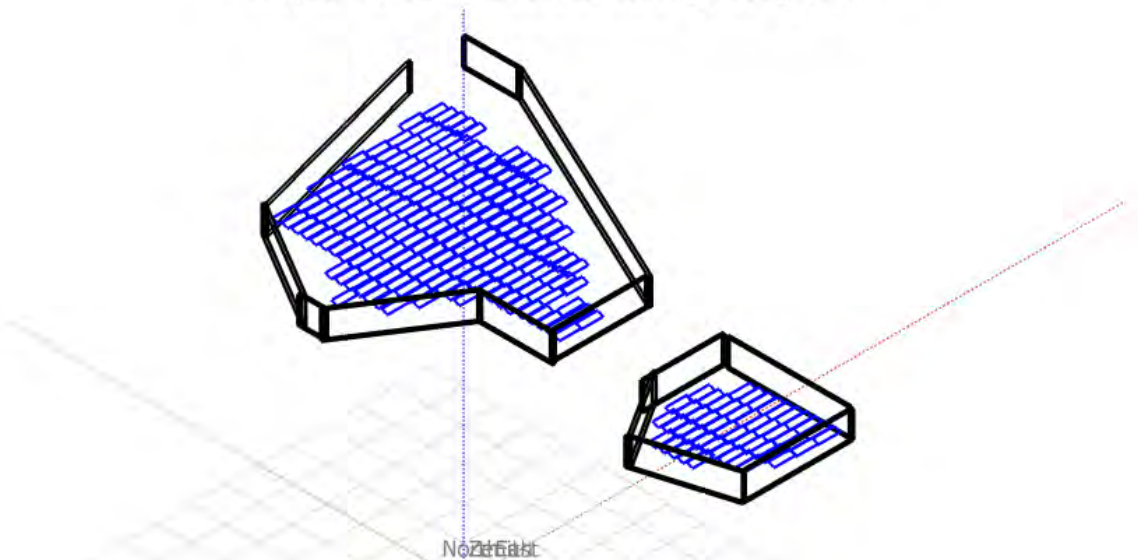
Perspective of the PV-field and surrounding shading scene



Production for Shading Scene 1: 4509 MWh/year, Specific prod: 1270kWh/kWp/year, PR 78.88%

- Shading Scene 2: Tree-Clearing at fence line

Perspective of the PV-field and surrounding shading scene



Production for Shading Scene 1: 4188 MWh/year, Specific prod: 1180kWh/kWp/year, PR 73.27%

Conclusion: Production is 7.2% higher for proposed tree-clearing line location.

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2020 Main Street
T: +1 (424) 465-9770

Suite 300
F: +1 (424) 465-9767

Irvine, California 92614
www.sunpinsolar.us