

Design 1

Shading Heatmap



Shading by Field Segment

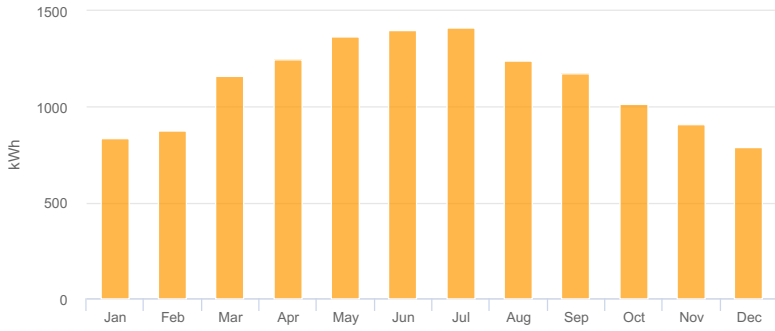
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF ²	Solar Access	Avg TSRF ²
Field Segment 1	20.0°	225.5°	19	6.75 kWp	1,873.4kWh/m ²	9.46 MWh ¹	95.9%	99.9%	95.8%
Field Segment 2	20.0°	135.0°	8	2.84 kWp	1,856.7kWh/m ²	3.96 MWh ¹	95.4%	99.6%	95.0%
Totals, weighted by kWp			27	9.59 kWp	1,868.4kWh/m²	13.4 MWh	95.7%	99.8%	95.6%

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,955.2kWh/m² at 30.6° tilt and 187.6° azimuth

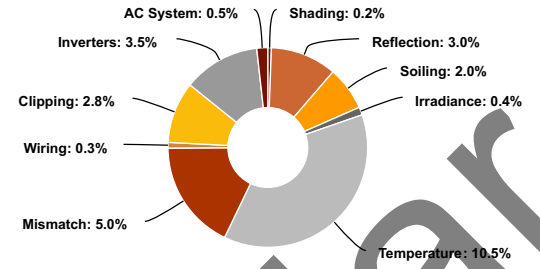
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Field Segment 2	99%	100%	99%	100%	100%	100%	100%	100%	100%	99%	99%	99%
Solar Access, weighted by kWp	99.7%	99.9%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	99.6%	99.6%
AC Power (kWh)	835.6	872.9	1,162.2	1,246.9	1,364.2	1,401.6	1,415.7	1,243.5	1,172.8	1,016.7	907.1	788.8

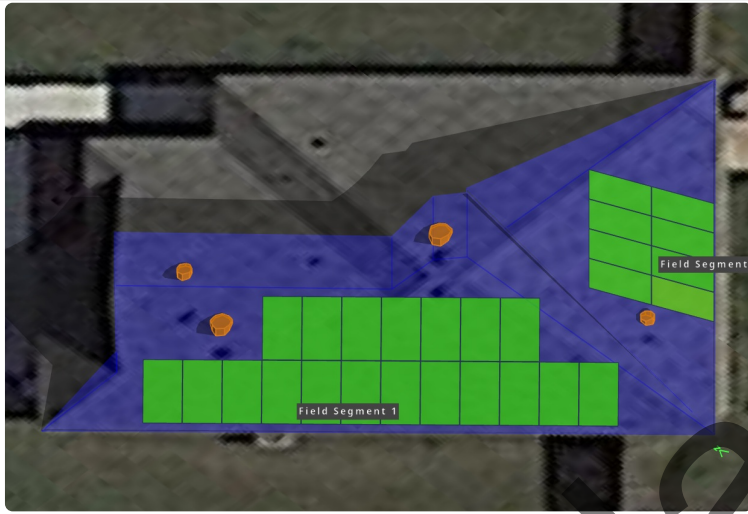
Monthly Production



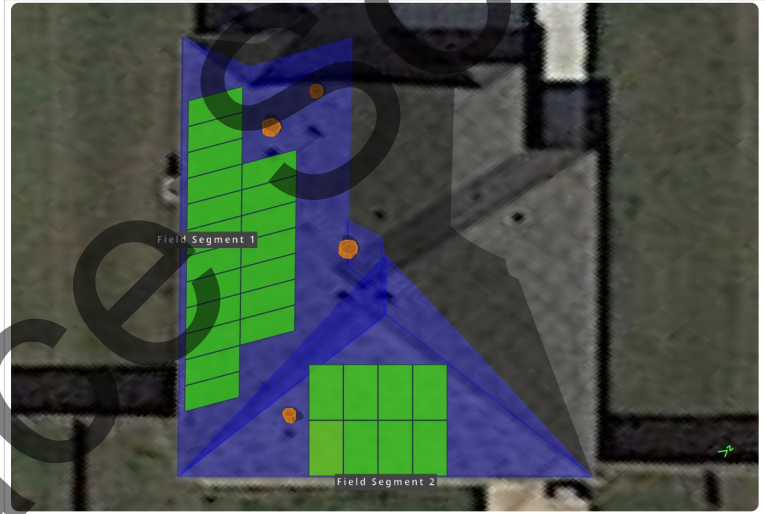
Sources of System Loss



Southwestern Angle



Southeastern Angle



One Place Solar