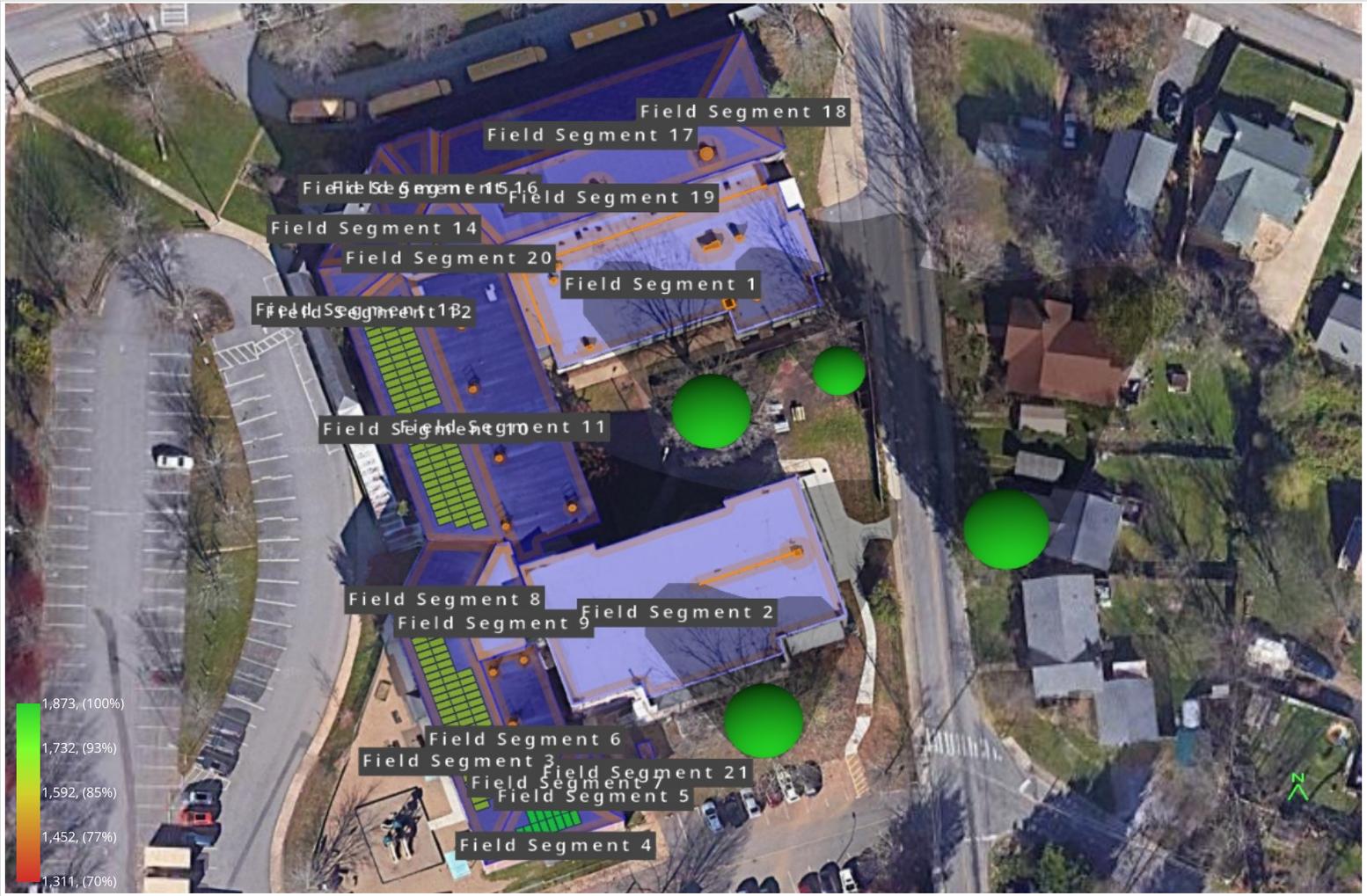


Design 1 Oakley Elementary, 753 Fairview Rd

Shading Heatmap



Shading by Field Segment

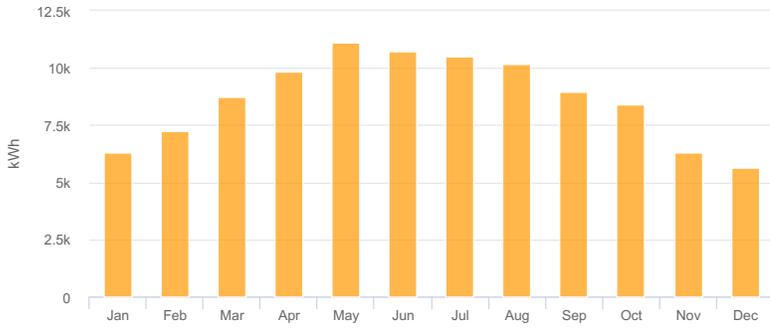
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF ²	Solar Access	Avg TSRF ²
Field Segment 3	24.0°	250.6°	64	30.7 kWp	1,659.2kWh/m ²	40.9 MWh ¹	88.6%	100.0%	88.6%
Field Segment 4	24.0°	160.9°	13	6.24 kWp	1,877.9kWh/m ²	9.40 MWh ¹	100.0%	99.5%	100.3%
Field Segment 10	24.0°	250.4°	84	40.3 kWp	1,659.8kWh/m ²	53.7 MWh ¹	88.7%	100.0%	88.6%
Totals, weighted by kWp			161	77.3 kWp	1,677.2kWh/m²	104.0 MWh	89.6%	99.9%	89.5%

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,872.9kWh/m² at 33.8° tilt and 181.3° azimuth

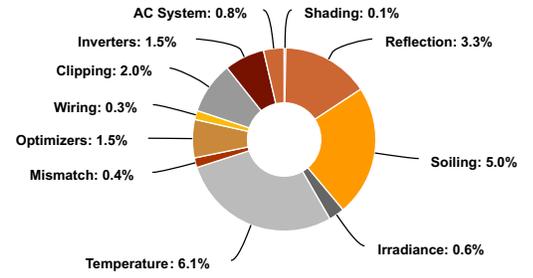
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Field Segment 4	99%	100%	99%	100%	100%	100%	100%	100%	100%	100%	99%	98%
Field Segment 10	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Solar Access, weighted by kWp	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	100.0%	99.8%	99.8%
AC Power (kWh)	6,309.9	7,270.1	8,765.1	9,837.6	11,094.1	10,750.8	10,498.8	10,190.3	8,982.3	8,387.3	6,324.2	5,638.2

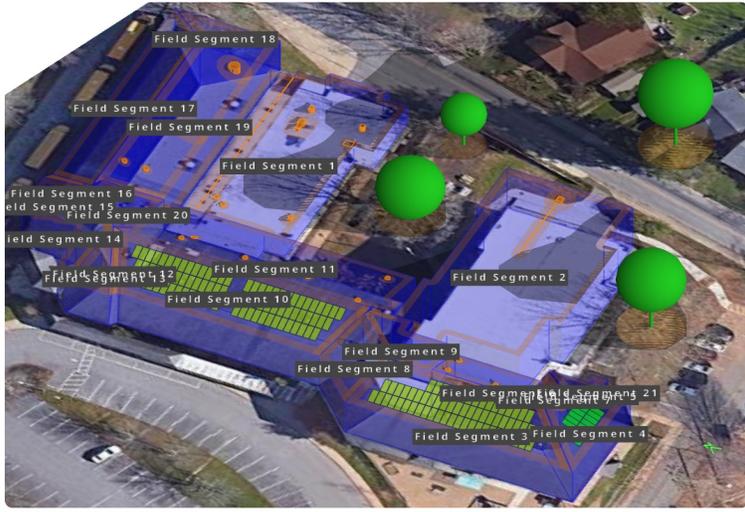
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

