SPV Test Site, 1143 Dryden Rd

Shading Heatmap

Shading by Field Segment

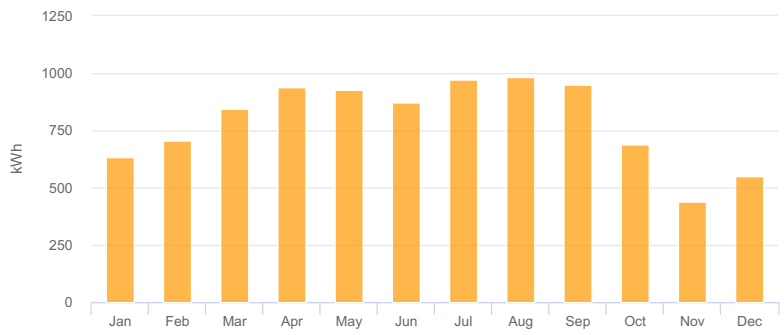
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF[2]	Solar Access	Avg TSRF [2]
Field Segment 1	60.0°	150.1°	26	8.32 kWp	1,352.5kWh/m^2	9.51 MWh[1]	89.7%	96.6%	86.6%
Totals, weighted by kWp			**26**	**8.32 kWp**	**1,352.5kWh/m^2**	**9.51 MWh**	**89.7%**	**96.6%**	**86.6%**

[1] approximate, varies based on inverter performance
[2] based on location Optimal POA Irradiance of 1,561.3kWh/m^2 at 34.3° tilt and 184.0° azimuth

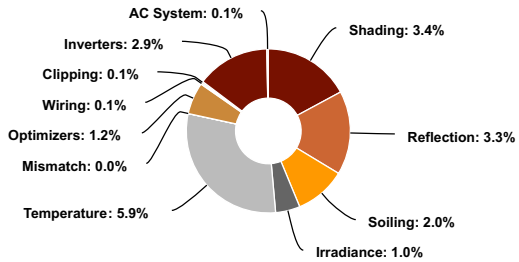
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	94%	93%	95%	98%	98%	98%	98%	98%	97%	95%	95%	95%
Solar Access, weighted by kWp	**93.8%**	**92.8%**	**95.1%**	**98.1%**	**98.1%**	**98.2%**	**98.4%**	**98.2%**	**97.4%**	**94.9%**	**95.2%**	**94.5%**
AC Power (kWh)	**632.7**	**708.2**	**847.1**	**940.3**	**928.4**	**874.1**	**972.5**	**984.1**	**949.6**	**687.2**	**437.4**	**552.4**

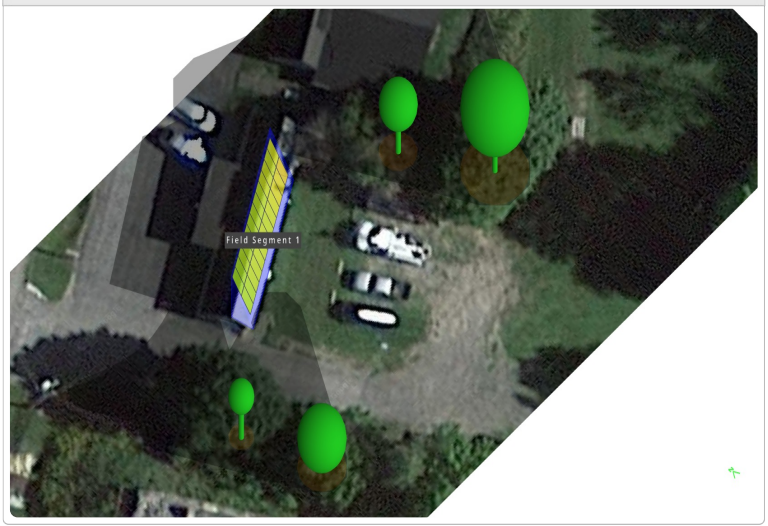
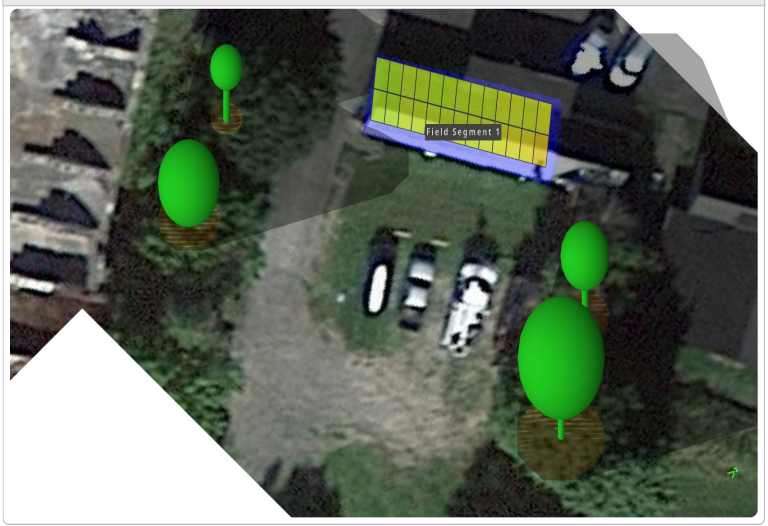
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle