

voltec 385 toiture plate COSEC Lumes, Rue des Écoles, Lumes

Shading Heatmap



Shading by Field Segment

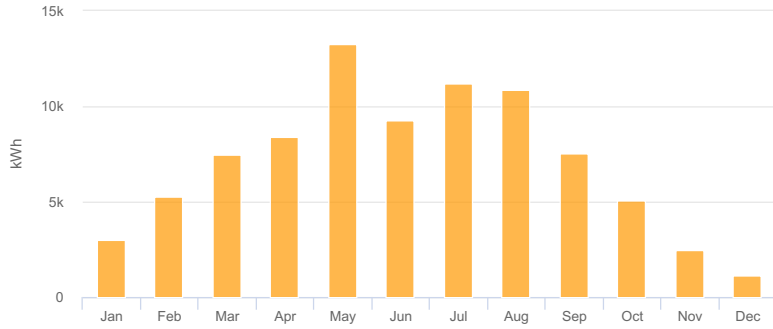
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF ²	Solar Access	Avg TSRF ²
Field Segment 1	15.0°	193.3°	197	75.8 kWp	1,268.7kWh/m ²	84.8 MWh ¹	92.0%	98.9%	91.0%
Totals, weighted by kWp			197	75.8 kWp	1,268.7kWh/m ²	84.8 MWh	92.0%	98.9%	91.0%

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,394.2kWh/m² at 30.9° tilt and 175.0° azimuth

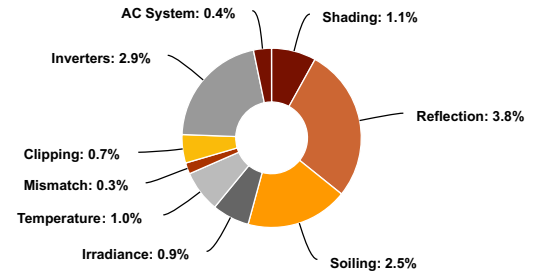
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	96%	99%	99%	99%	99%	99%	99%	99%	99%	99%	97%	95%
Solar Access, weighted by kWp	96.2%	99.1%	99.2%	99.0%	99.2%	99.0%	99.1%	99.2%	99.2%	98.9%	97.1%	95.0%
AC Power (kWh)	3,032.3	5,234.5	7,475.3	8,390.6	13,284.1	9,238.6	11,184.9	10,881.4	7,512.0	5,045.2	2,450.6	1,110.6

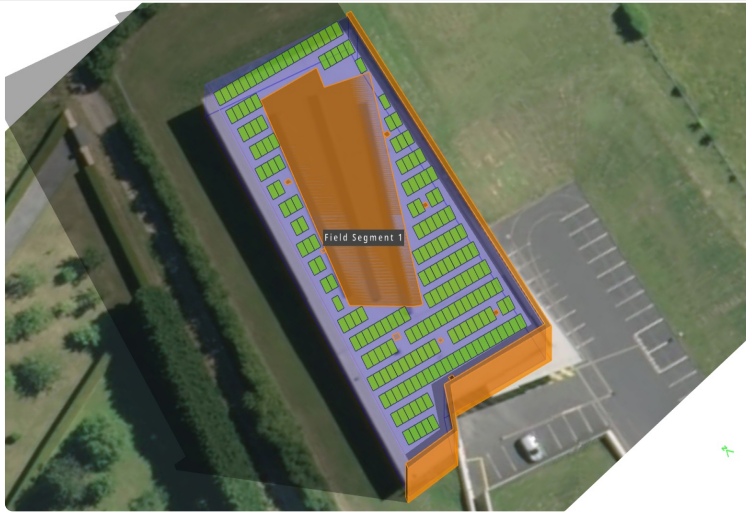
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

