

carport Aire de covoiturage PPG7+FV Francheville, 11 rte de paris 08000 La Francheville

Shading Heatmap



Shading by Field Segment

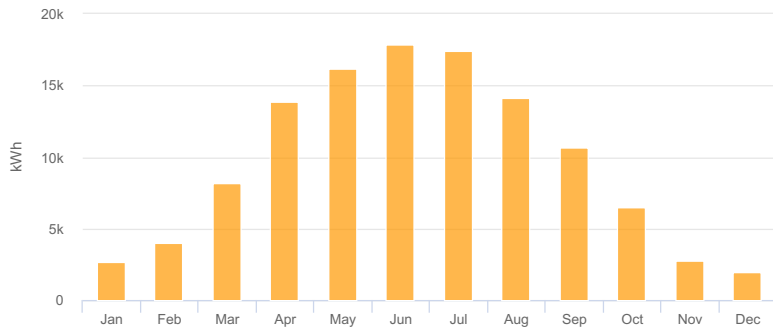
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF ²	Solar Access	Avg TSRF ²
Field Segment 1	10.0°	101.8°	152	58.5 kWp	1,074.8kWh/m ²	55.0 MWh ¹	88.4%	99.7%	88.2%
Field Segment 2	15.0°	102.0°	92	35.4 kWp	1,080.0kWh/m ²	33.4 MWh ¹	88.6%	100.0%	88.6%
Field Segment 3	15.0°	102.6°	76	29.3 kWp	1,081.9kWh/m ²	27.7 MWh ¹	88.7%	100.0%	88.7%
Totals, weighted by kWp			320	123.2 kWp	1,078.0kWh/m²	116.1 MWh	88.6%	99.8%	88.4%

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,219.1kWh/m² at 30.9° tilt and 175.0° azimuth

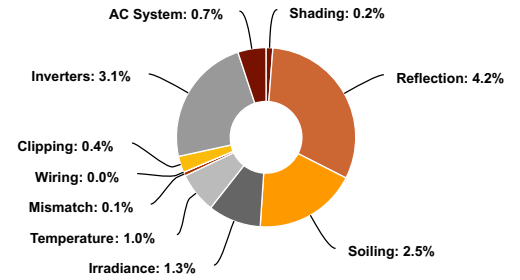
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%
Field Segment 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Field Segment 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Solar Access, weighted by kWp	99.7%	99.7%	99.8%	99.8%	99.9%	99.9%	99.8%	99.8%	99.9%	99.8%	99.7%	99.7%
AC Power (kWh)	2,694.0	3,988.0	8,192.9	13,851.5	16,141.8	17,849.5	17,389.0	14,148.9	10,632.0	6,462.9	2,738.9	1,961.2

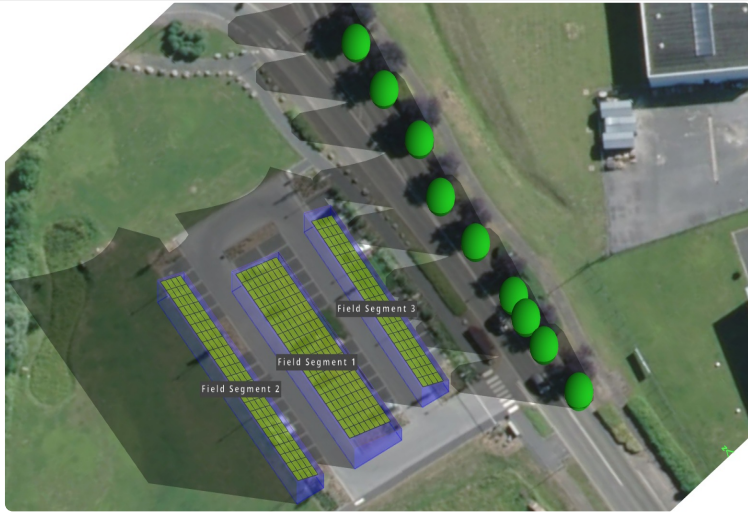
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

