

Ensemble-micro-onduleur CONSERVATOIRE A RAYONNEMENT DEPARTEMENTAL, 10 Rue Madame de Sévigné, 08000

Shading Heatmap



Shading by Field Segment

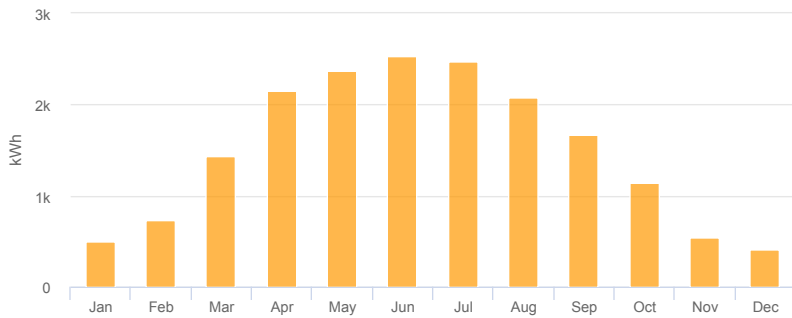
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF ²	Solar Access	Avg TSRF ²
Field Segment 1	30.0°	200.9°	13	5.01 kWp	1,165.8kWh/m ²	4.90 MWh ¹	97.2%	98.5%	95.8%
Field Segment 6	23.0°	109.7°	24	9.24 kWp	1,106.1kWh/m ²	8.62 MWh ¹	90.9%	100.0%	90.9%
Field Segment 9	30.0°	199.9°	12	4.62 kWp	1,169.0kWh/m ²	4.53 MWh ¹	97.3%	98.7%	96.1%
Totals, weighted by kWp			49	18.9 kWp	1,137.3kWh/m ²	18.0 MWh	94.2%	99.3%	93.5%

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,216.9kWh/m² at 36.1° tilt and 180.2° azimuth

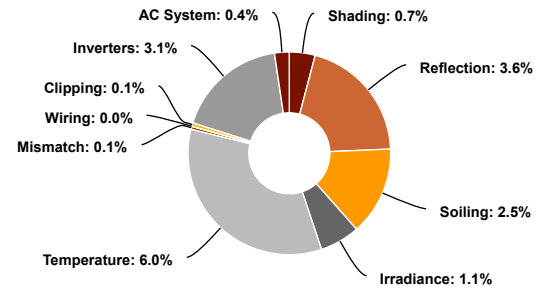
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	99%	99%	99%	98%	98%	99%	98%	98%	99%	98%	99%	99%
Field Segment 6	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Field Segment 9	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	98%	99%
Solar Access, weighted by kWp	99.3%	99.4%	99.4%	99.2%	99.3%	99.3%	99.2%	99.2%	99.2%	99.3%	99.1%	99.5%
AC Power (kWh)	503.9	732.8	1,436.3	2,151.7	2,374.2	2,534.7	2,468.1	2,077.3	1,675.3	1,147.8	537.7	409.9

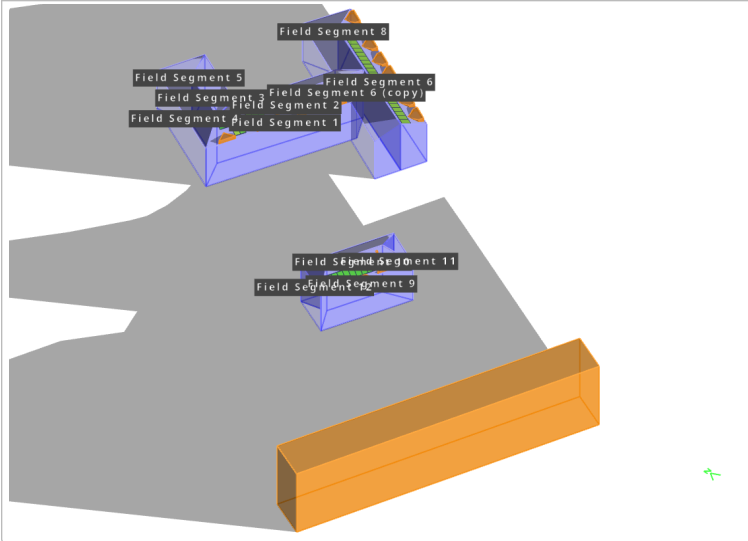
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

