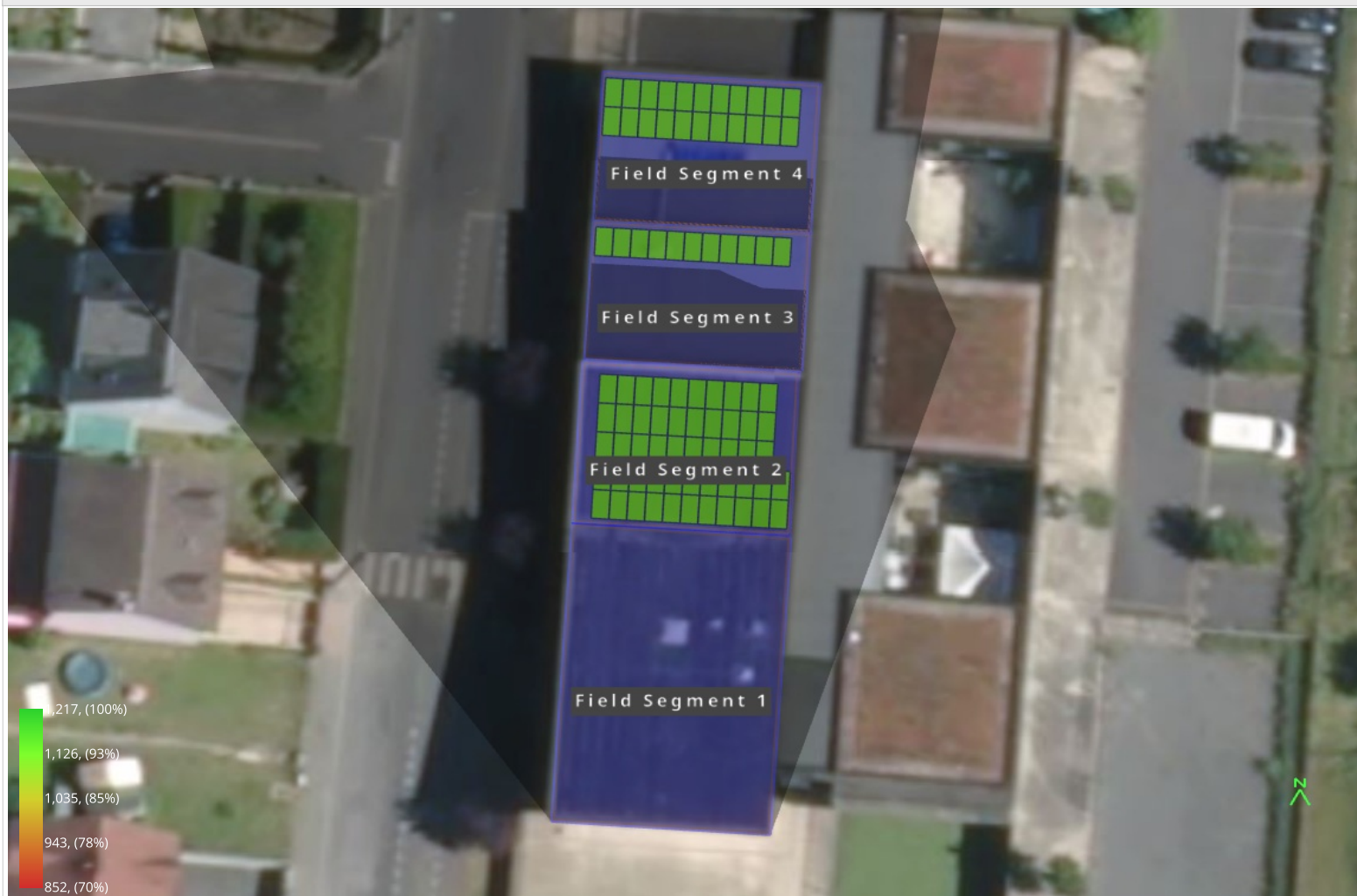


voltec 385 toiture inclinée

CENTRE SOCIAL ANDRE DHOTEL, 88 Rue Albert Poulain 08000 Charleville Mézières

Shading Heatmap



Shading by Field Segment

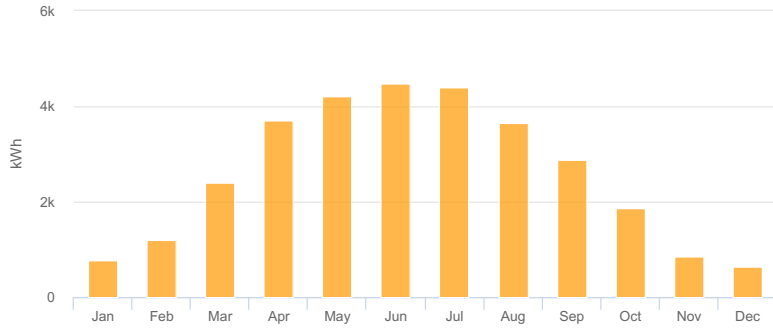
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF ²	Solar Access	Avg TSRF ²
Field Segment 2	10.0°	183.4°	52	20.0 kWp	1,126.7kWh/m ²	19.0 MWh ¹	92.9%	99.7%	92.6%
Field Segment 3	10.0°	183.5°	11	4.24 kWp	1,125.1kWh/m ²	4.01 MWh ¹	92.9%	99.5%	92.4%
Field Segment 4	10.0°	183.5°	22	8.47 kWp	1,128.4kWh/m ²	8.04 MWh ¹	92.9%	99.8%	92.7%
Totals, weighted by kWp			85	32.7 kWp	1,126.9kWh/m ²	31.0 MWh	92.9%	99.7%	92.6%

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,217.1kWh/m² at 36.1° tilt and 180.2° azimuth

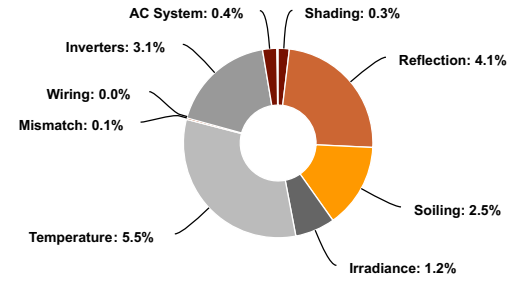
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Field Segment 3	99%	99%	100%	100%	100%	100%	100%	100%	99%	100%	99%	99%
Field Segment 4	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Solar Access, weighted by kWp	99.6%	99.6%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.5%
AC Power (kWh)	785.2	1,192.6	2,406.1	3,701.2	4,204.4	4,488.1	4,387.3	3,645.3	2,868.9	1,864.8	851.3	633.7

Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

