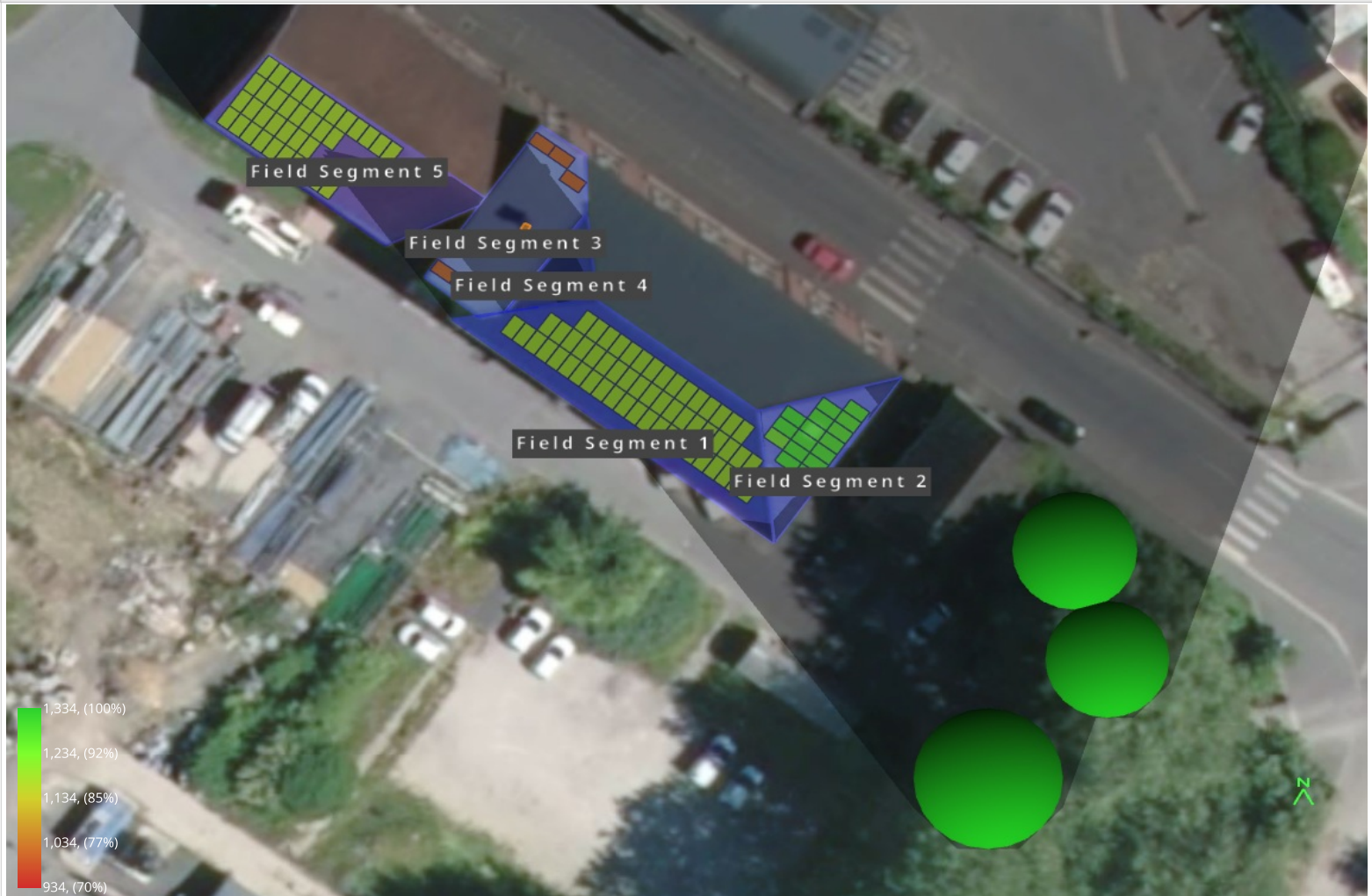


voltec 385 toiture inclinée CENTRE TECHNIQUE RUE DE LA VOIRIE, 3 Av. de l'Industrie 08000 Charleville-Mézières

Shading Heatmap



Shading by Field Segment

Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF ²	Solar Access	Avg TSRF ²
Field Segment 1	15.0°	216.5°	56	21.6 kWp	1,184.7kWh/m ²	18.8 MWh ¹	88.8%	100.0%	88.8%
Field Segment 2	15.0°	125.9°	16	6.16 kWp	1,265.8kWh/m ²	5.75 MWh ¹	96.3%	98.5%	94.9%
Field Segment 3	10.0°	306.0°	5	1.93 kWp	1,022.8kWh/m ²	1.47 MWh ¹	76.7%	100.0%	76.7%
Field Segment 5	25.0°	216.3°	37	14.2 kWp	1,183.4kWh/m ²	12.4 MWh ¹	89.0%	99.6%	88.7%
Totals, weighted by kWp			114	43.9 kWp	1,188.6kWh/m ²	38.5 MWh	89.4%	99.7%	89.1%

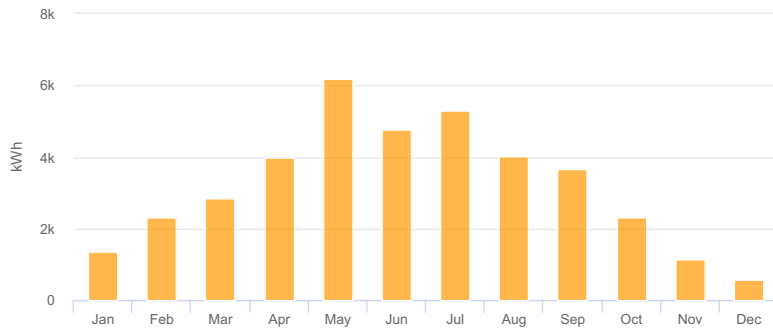
¹ approximate, varies based on inverter performance

² based on location Optimal POA Irradiance of 1,334.3kWh/m² at 30.9° tilt and 175.0° azimuth

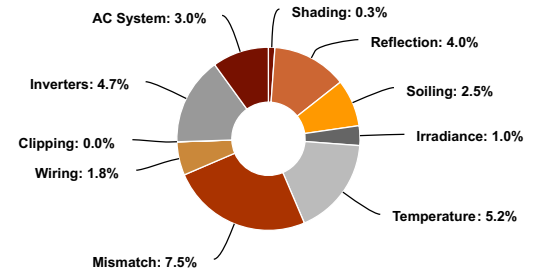
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Field Segment 2	97%	95%	99%	99%	99%	99%	99%	99%	99%	96%	91%	98%
Field Segment 3	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Field Segment 5	96%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	97%
Solar Access, weighted by kWp	98.2%	99.1%	99.8%	99.8%	99.9%	99.9%	99.9%	99.8%	99.8%	99.3%	98.3%	98.8%
AC Power (kWh)	1,341.2	2,318.1	2,836.2	3,996.0	6,181.2	4,777.8	5,310.2	4,026.4	3,671.6	2,318.5	1,140.9	563.9

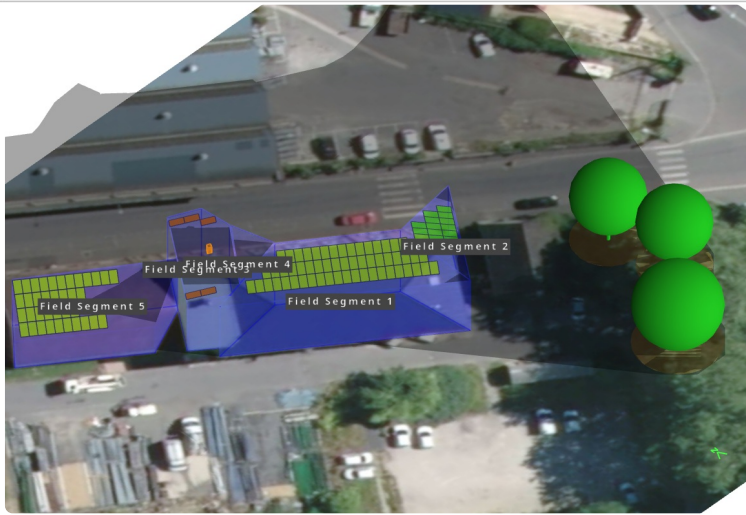
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

