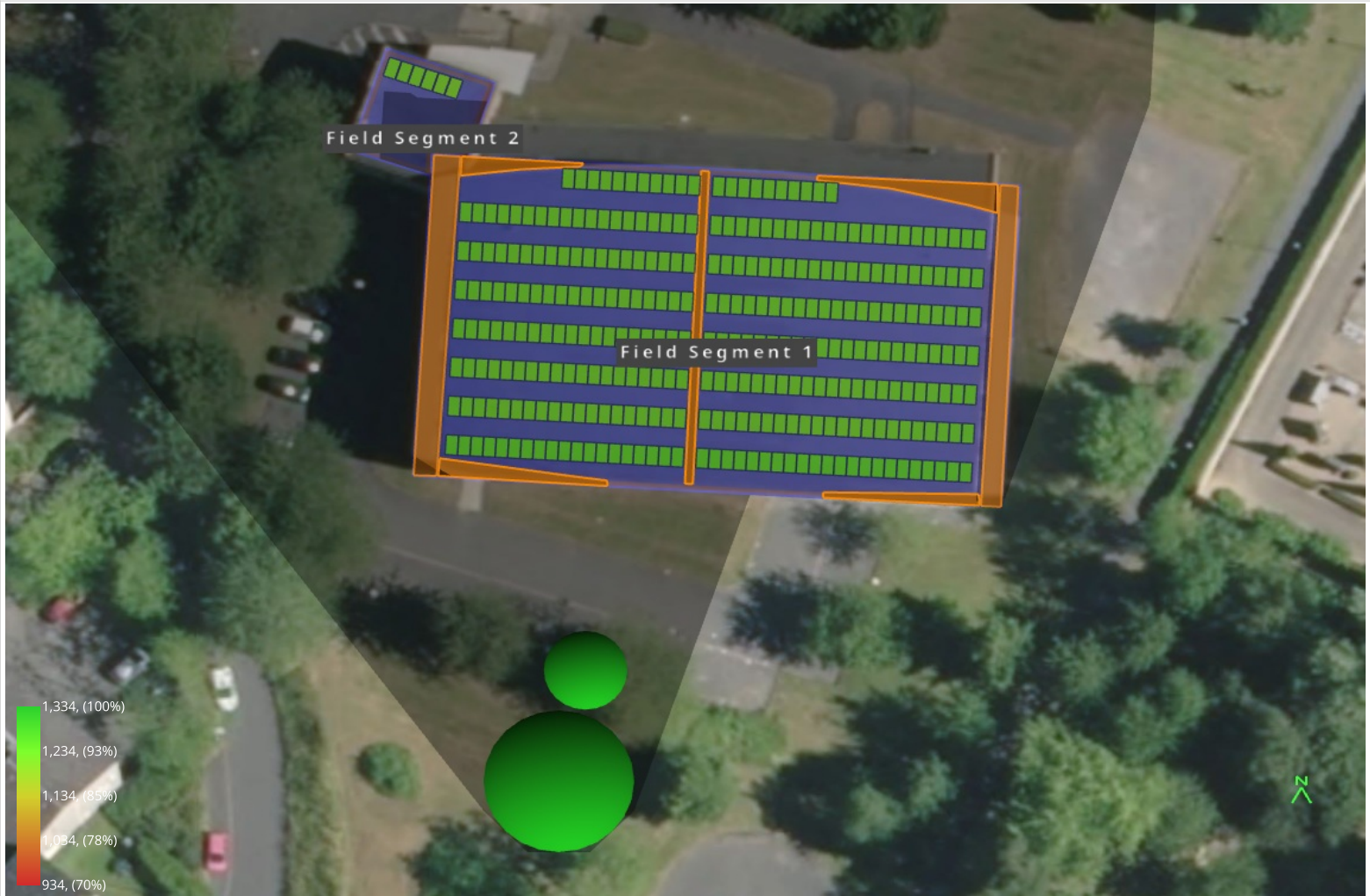


Voltec 385 toiture plane 15° COSEC DES CAPUCINES, 44 Rue Ferroul 08000 Charleville Mézières

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°	183.2°	308	118.6 kWp	1,232.3kWh/m ²	120.2 MWh ¹	93.7%	98.6%	92.4%
Field Segment 2	18.4°	198.6°	6	2.31 kWp	1,222.5kWh/m ²	2.32 MWh ¹	92.4%	99.2%	91.7%
Totals, weighted by kWp			314	120.9 kWp	1,232.1kWh/m ²	122.5 MWh	93.6%	98.7%	92.4%

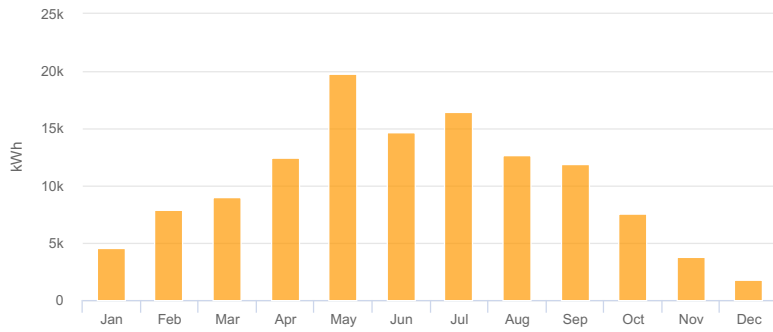
¹ approximate, varies based on inverter performance

² based on location Optimal POA Irradiance of 1,333.7kWh/m² at 30.9° tilt and 175.0° azimuth

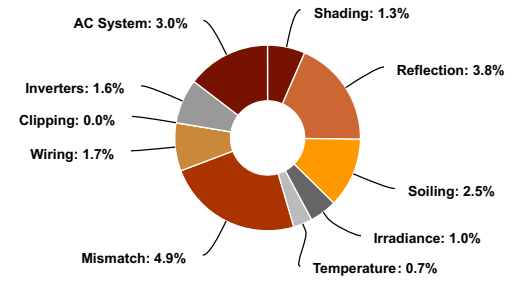
Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	95%	99%	99%	99%	99%	99%	99%	99%	99%	99%	97%	95%
Field Segment 2	98%	100%	99%	99%	99%	99%	99%	99%	99%	99%	96%	98%
Solar Access, weighted by kWp	95.4%	98.9%	98.9%	98.8%	99.1%	98.8%	98.9%	98.9%	99.0%	98.7%	96.5%	95.0%
AC Power (kWh)	4,588.2	7,934.1	9,042.4	12,403.2	19,803.4	14,673.1	16,492.7	12,633.4	11,873.3	7,551.5	3,761.7	1,776.8

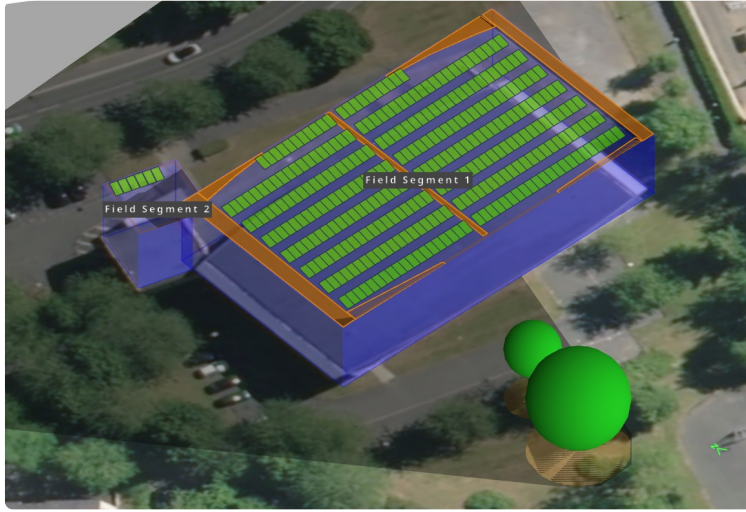
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

