

## Voltec 385 Bourse de Travail, 26 Rue Jean Baptiste Clément 08000 Charleville Mézières

### Shading Heatmap



### Shading by Field Segment

Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF <sup>2</sup>	Solar Access	Avg TSRF <sup>2</sup>
Field Segment 1	15.0°	209.0°	41	15.8 kWp	1,107.4kWh/m <sup>2</sup>	15.4 MWh <sup>1</sup>	94.7%	96.1%	91.0%
Field Segment 2	35.0°	216.0°	9	3.47 kWp	1,095.5kWh/m <sup>2</sup>	3.22 MWh <sup>1</sup>	94.9%	94.9%	90.0%
Field Segment 11	18.0°	201.4°	5	1.93 kWp	1,169.9kWh/m <sup>2</sup>	1.89 MWh <sup>1</sup>	96.2%	100.0%	96.1%
Totals, weighted by kWp			55	21.2 kWp	1,111.1kWh/m <sup>2</sup>	20.5 MWh	94.8%	96.3%	91.3%

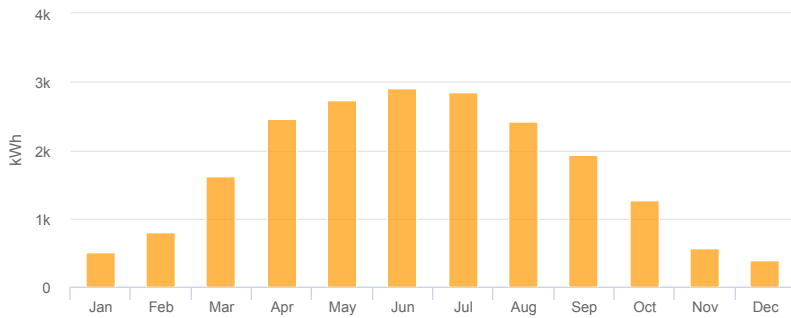
<sup>1</sup> approximate, varies based on inverter performance

<sup>2</sup> based on location Optimal POA Irradiance of 1,216.9kWh/m<sup>2</sup> at 36.1° tilt and 180.2° azimuth

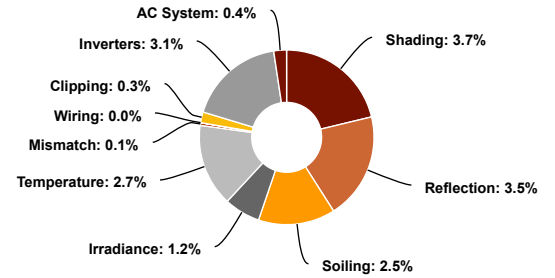
### Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	86%	93%	96%	97%	98%	98%	98%	98%	97%	94%	86%	81%
Field Segment 2	95%	97%	96%	95%	94%	94%	94%	94%	96%	97%	96%	94%
Field Segment 11	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Solar Access, weighted by kWp	89.0%	94.7%	96.4%	97.2%	97.4%	97.4%	97.3%	97.3%	96.8%	95.1%	89.5%	85.3%
AC Power (kWh)	507.1	799.2	1,629.2	2,459.6	2,730.4	2,913.2	2,854.4	2,421.7	1,931.1	1,261.0	564.3	397.4

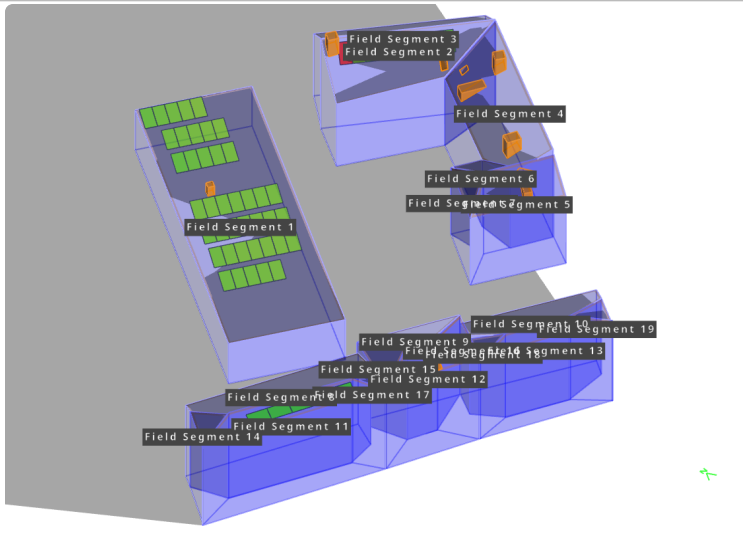
### Monthly Production



### Sources of System Loss



### Southwestern Angle



### Southeastern Angle

