

pente 30° BATIMENT 5 RUE EGLISE, 5 Rue de l'Église, 08000 Charleville-Mézières

Shading Heatmap



Shading by Field Segment

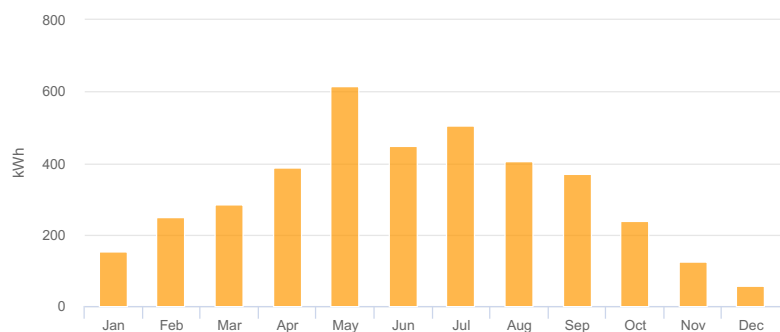
| Description | Tilt | Azimuth | Modules | Nameplate | Shaded Irradiance | AC Energy | TOF ² | Solar Access | Avg TSRF ² |
|-------------------------|-------|---------|---------|-----------|---------------------------|-----------------------|------------------|--------------|-----------------------|
| Field Segment 1 | 30.0° | 109.6° | 4 | 1.54 kWp | 1,276.0kWh/m ² | 1.53 MWh ¹ | 97.0% | 98.6% | 95.6% |
| Field Segment 2 | 30.0° | 109.6° | 6 | 2.31 kWp | 1,291.5kWh/m ² | 2.31 MWh ¹ | 97.0% | 99.8% | 96.8% |
| Totals, weighted by kWp | | | 10 | 3.85 kWp | 1,285.3kWh/m ² | 3.84 MWh | 97.0% | 99.3% | 96.3% |

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,334.4kWh/m² at 30.9° tilt and 175.0° azimuth

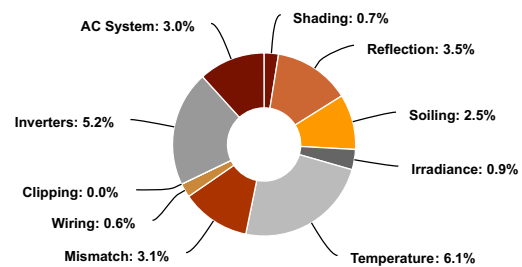
Solar Access by Month

| Description | jan | feb | mar | apr | may | jun | jul | aug | sep | oct | nov | dec |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Field Segment 1 | 94% | 98% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 96% | 93% |
| Field Segment 2 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 99% | 100% | 100% | 100% |
| Solar Access, weighted by kWp | 97.7% | 99.3% | 99.6% | 99.4% | 99.7% | 99.5% | 99.4% | 99.5% | 99.3% | 99.4% | 98.5% | 97.3% |
| AC Power (kWh) | 152.4 | 249.2 | 284.4 | 389.2 | 613.5 | 449.7 | 504.9 | 404.8 | 369.0 | 239.1 | 124.6 | 57.7 |

Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

