

voltec 385 toiture plate CUISINE CENTRALE, 26 bis Rue d'Evigny, 08000 La Francheville

Shading Heatmap



Shading by Field Segment

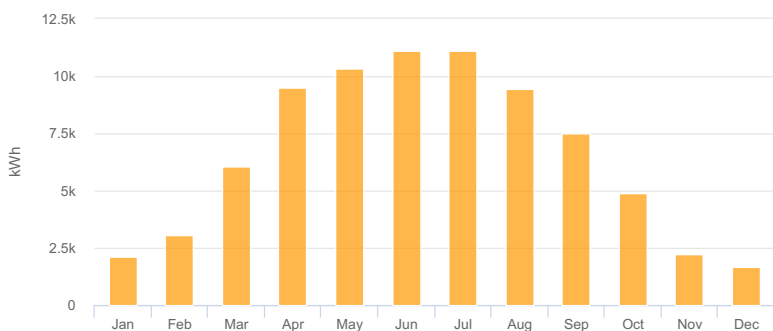
| Description | Tilt | Azimuth | Modules | Nameplate | Shaded Irradiance | AC Energy | TOF ² | Solar Access | Avg TSRF ² |
|-------------------------|-------|---------|---------|-----------|---------------------------|-----------------------|------------------|--------------|-----------------------|
| Field Segment 1 | 15.0° | 187.6° | 50 | 19.3 kWp | 1,125.2kWh/m ² | 19.0 MWh ¹ | 95.6% | 96.4% | 92.1% |
| Field Segment 2 | 15.0° | 188.1° | 20 | 7.70 kWp | 1,162.4kWh/m ² | 7.81 MWh ¹ | 95.6% | 99.6% | 95.2% |
| Field Segment 3 | 15.0° | 187.9° | 10 | 3.85 kWp | 1,123.8kWh/m ² | 3.80 MWh ¹ | 95.6% | 96.2% | 92.0% |
| Field Segment 3 (copy) | 15.0° | 187.9° | 21 | 8.09 kWp | 1,117.1kWh/m ² | 7.94 MWh ¹ | 95.6% | 95.7% | 91.5% |
| Field Segment 5 | 15.0° | 187.2° | 24 | 9.24 kWp | 1,118.3kWh/m ² | 9.08 MWh ¹ | 95.6% | 95.8% | 91.6% |
| Field Segment 6 | 15.0° | 188.0° | 8 | 3.08 kWp | 1,137.6kWh/m ² | 3.07 MWh ¹ | 95.6% | 97.4% | 93.1% |
| Field Segment 7 | 15.0° | 187.1° | 7 | 2.70 kWp | 1,150.2kWh/m ² | 2.71 MWh ¹ | 95.6% | 98.5% | 94.2% |
| Field Segment 8 | 15.0° | 188.3° | 10 | 3.85 kWp | 1,135.5kWh/m ² | 3.83 MWh ¹ | 95.6% | 97.3% | 93.0% |
| Field Segment 9 | 15.0° | 188.2° | 27 | 10.4 kWp | 1,153.5kWh/m ² | 10.5 MWh ¹ | 95.6% | 98.8% | 94.4% |
| Field Segment 11 | 15.0° | 188.3° | 13 | 5.01 kWp | 1,159.2kWh/m ² | 5.06 MWh ¹ | 95.6% | 99.3% | 94.9% |
| Field Segment 12 | 15.0° | 188.0° | 7 | 2.70 kWp | 1,159.6kWh/m ² | 2.73 MWh ¹ | 95.6% | 99.3% | 95.0% |
| Field Segment 13 | 15.0° | 186.9° | 9 | 3.47 kWp | 1,148.5kWh/m ² | 3.48 MWh ¹ | 95.6% | 98.3% | 94.0% |
| Totals, weighted by kWp | | | 206 | 79.3 kWp | 1,137.0kWh/m ² | 79.0 MWh | 95.6% | 97.4% | 93.1% |

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,221.3kWh/m² at 35.1° tilt and 180.2° azimuth

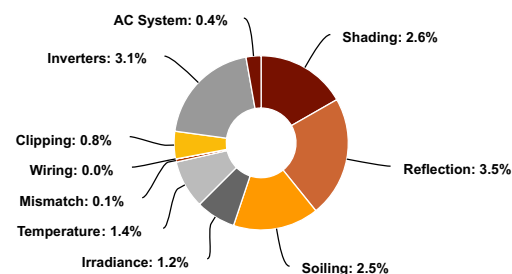
Solar Access by Month

| Description | jan | feb | mar | apr | may | jun | jul | aug | sep | oct | nov | dec |
|-------------------------------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|
| Field Segment 1 | 96% | 96% | 96% | 96% | 97% | 96% | 96% | 97% | 97% | 96% | 96% | 95% |
| Field Segment 2 | 99% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 99% | 99% | 99% |
| Field Segment 3 | 96% | 97% | 97% | 97% | 96% | 94% | 95% | 97% | 98% | 97% | 96% | 97% |
| Field Segment 3 (copy) | 96% | 97% | 97% | 96% | 95% | 95% | 95% | 95% | 97% | 97% | 96% | 96% |
| Field Segment 5 | 95% | 97% | 97% | 95% | 95% | 96% | 95% | 95% | 96% | 97% | 96% | 96% |
| Field Segment 6 | 95% | 97% | 97% | 98% | 98% | 98% | 98% | 98% | 97% | 96% | 94% | 94% |
| Field Segment 7 | 97% | 98% | 98% | 98% | 99% | 99% | 99% | 99% | 98% | 98% | 98% | 98% |
| Field Segment 8 | 97% | 96% | 96% | 97% | 98% | 98% | 98% | 98% | 97% | 96% | 95% | 97% |
| Field Segment 9 | 96% | 98% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 98% | 96% | 95% |
| Field Segment 11 | 98% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 97% |
| Field Segment 12 | 98% | 99% | 99% | 99% | 99% | 99% | 99% | 100% | 99% | 99% | 99% | 99% |
| Field Segment 13 | 97% | 98% | 99% | 99% | 98% | 98% | 98% | 99% | 99% | 99% | 98% | 97% |
| Solar Access, weighted by kWp | 96.5% | 97.3% | 97.5% | 97.5% | 97.5% | 97.2% | 97.2% | 97.6% | 97.8% | 97.4% | 96.6% | 96.1% |
| AC Power (kW/h) | 2,113.7 | 3,069.2 | 6,037.7 | 9,473.2 | 10,340.5 | 11,126.3 | 11,106.4 | 9,450.3 | 7,518.4 | 4,885.2 | 2,233.0 | 1,648.8 |

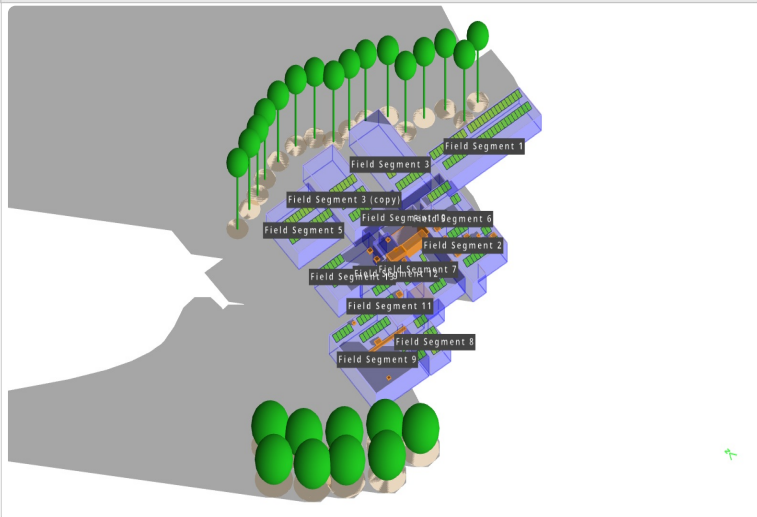
Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

