

Performance - New Construction Shade 916 Euclid, 916 Euclid Street NW

Shading Heatmap



Shading by Field Segment

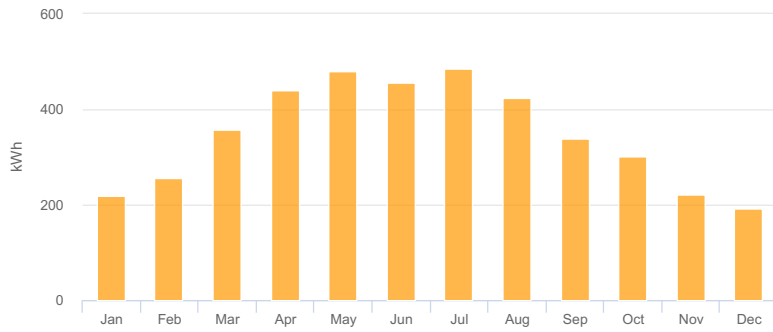
| Description | Tilt | Azimuth | Modules | Nameplate | Shaded Irradiance | AC Energy | TOF ² | Solar Access | Avg TSRF ² |
|-------------------------|------|---------|---------|-----------|---------------------------|------------------------|------------------|--------------|-----------------------|
| A-1 | 2.0° | 172.0° | 12 | 3.60 kWp | 1,103.4kWh/m ² | 3.24 MWh ¹ | 86.8% | 70.5% | 61.2% |
| A-2 | 2.0° | 175.0° | 3 | 900.0 Wp | 1,286.5kWh/m ² | 935.5 kWh ¹ | 86.8% | 82.2% | 71.3% |
| Totals, weighted by kWp | | | 15 | 4.50 kWp | 1,140.0kWh/m ² | 4.17 MWh | 86.8% | 72.8% | 63.2% |

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 1,804.3kWh/m² at 36.0° tilt and 181.7° azimuth

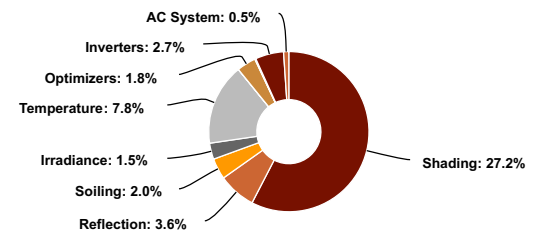
Solar Access by Month

| Description | jan | feb | mar | apr | may | jun | jul | aug | sep | oct | nov | dec |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A-1 | 76% | 71% | 68% | 71% | 72% | 67% | 68% | 67% | 72% | 73% | 78% | 75% |
| A-2 | 84% | 81% | 79% | 83% | 84% | 82% | 82% | 82% | 82% | 83% | 85% | 80% |
| Solar Access, weighted by kWp | 77.9% | 73.0% | 70.0% | 73.6% | 74.0% | 70.0% | 70.8% | 69.8% | 73.9% | 75.3% | 79.1% | 76.3% |
| AC Power (kWh) | 218.1 | 255.7 | 356.1 | 441.0 | 480.5 | 457.3 | 484.4 | 422.9 | 339.7 | 302.3 | 222.2 | 192.4 |

Monthly Production



Sources of System Loss



Southwestern Angle



Southeastern Angle

