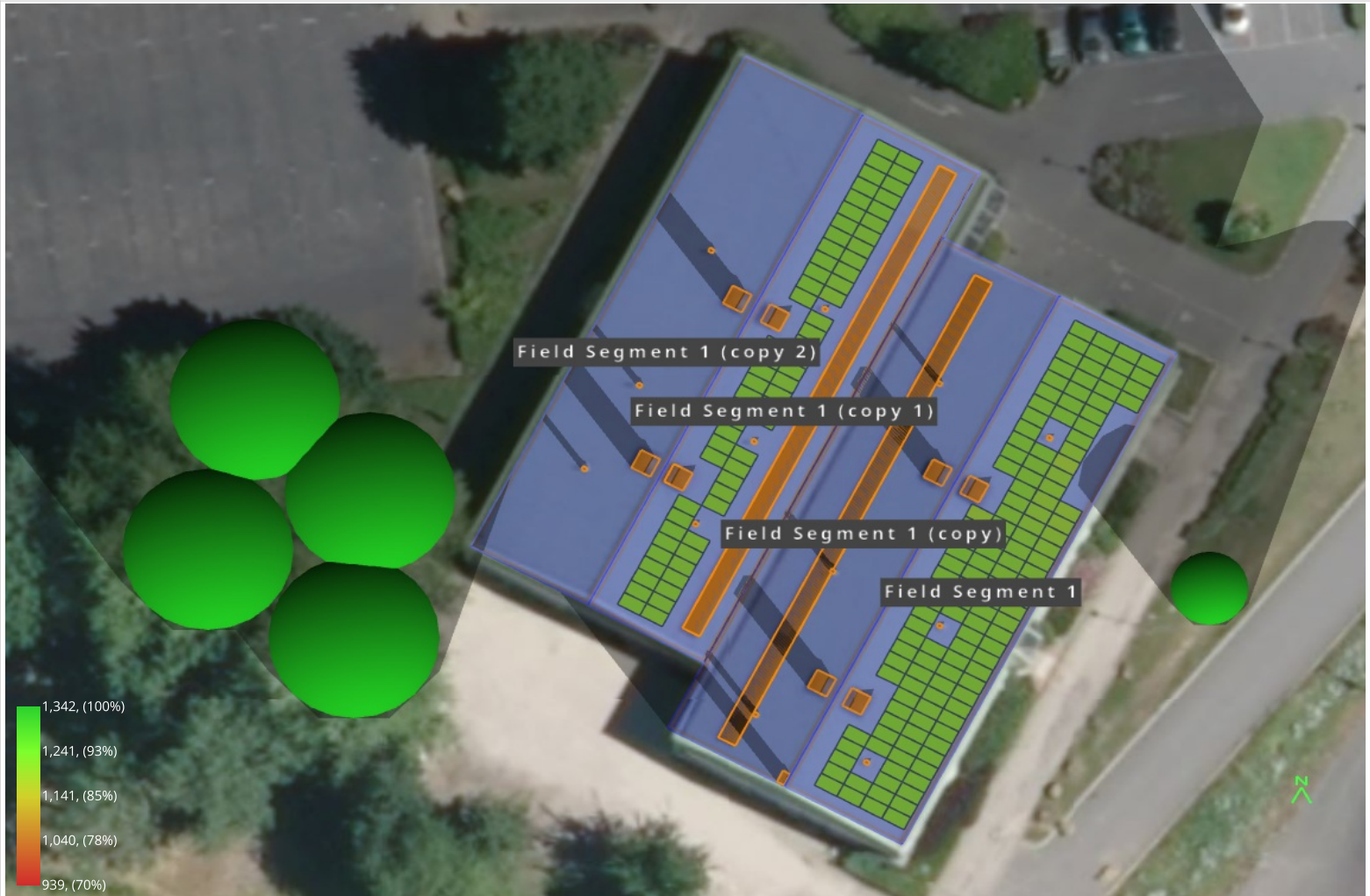


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## Shading Heatmap



## Shading by Field Segment

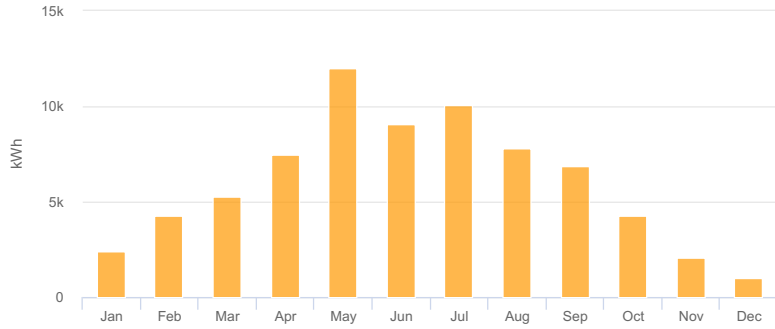
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF <sup>2</sup>	Solar Access	Avg TSRF <sup>2</sup>
Field Segment 1	10.0°	117.8°	131	50.4 kWp	1,212.6kWh/m <sup>2</sup>	48.5 MWh <sup>1</sup>	90.6%	99.7%	90.4%
Field Segment 1 (copy 1)	10.0°	117.8°	65	25.0 kWp	1,212.6kWh/m <sup>2</sup>	24.1 MWh <sup>1</sup>	90.6%	99.7%	90.4%
Totals, weighted by kWp			196	75.5 kWp	1,212.6kWh/m <sup>2</sup>	72.6 MWh	90.6%	99.7%	90.4%

<sup>1</sup> approximate, varies based on inverter performance  
<sup>2</sup> based on location Optimal POA Irradiance of 1,342.0kWh/m<sup>2</sup> at 40.9° tilt and 175.0° azimuth

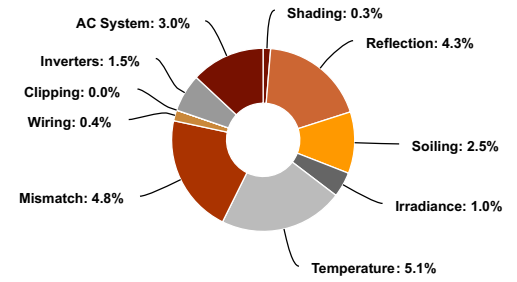
## Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%
Field Segment 1 (copy 1)	99%	100%	100%	100%	100%	100%	100%	100%	99%	99%	100%	98%
Solar Access, weighted by kWp	98.6%	99.5%	99.6%	99.7%	99.9%	99.9%	99.9%	99.8%	99.6%	99.4%	99.0%	98.7%
AC Power (kWh)	2,425.4	4,272.8	5,250.1	7,495.8	11,986.9	9,058.0	10,082.9	7,771.2	6,891.0	4,237.5	2,089.2	1,031.8

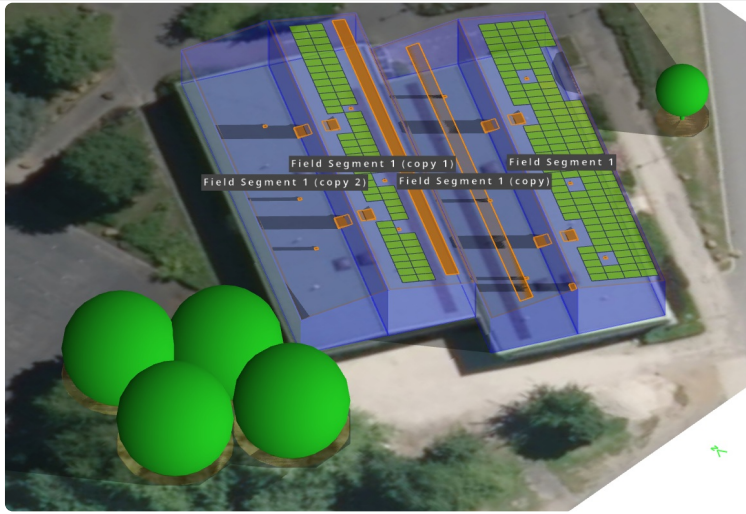
### Monthly Production



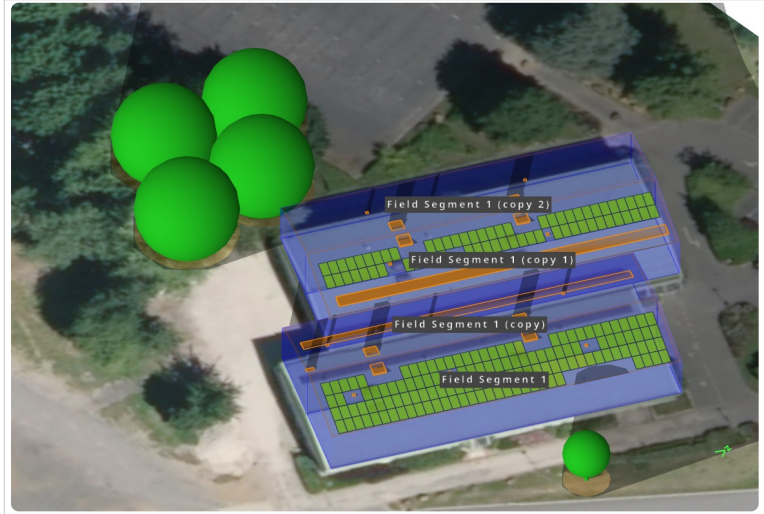
### Sources of System Loss



### Southwestern Angle



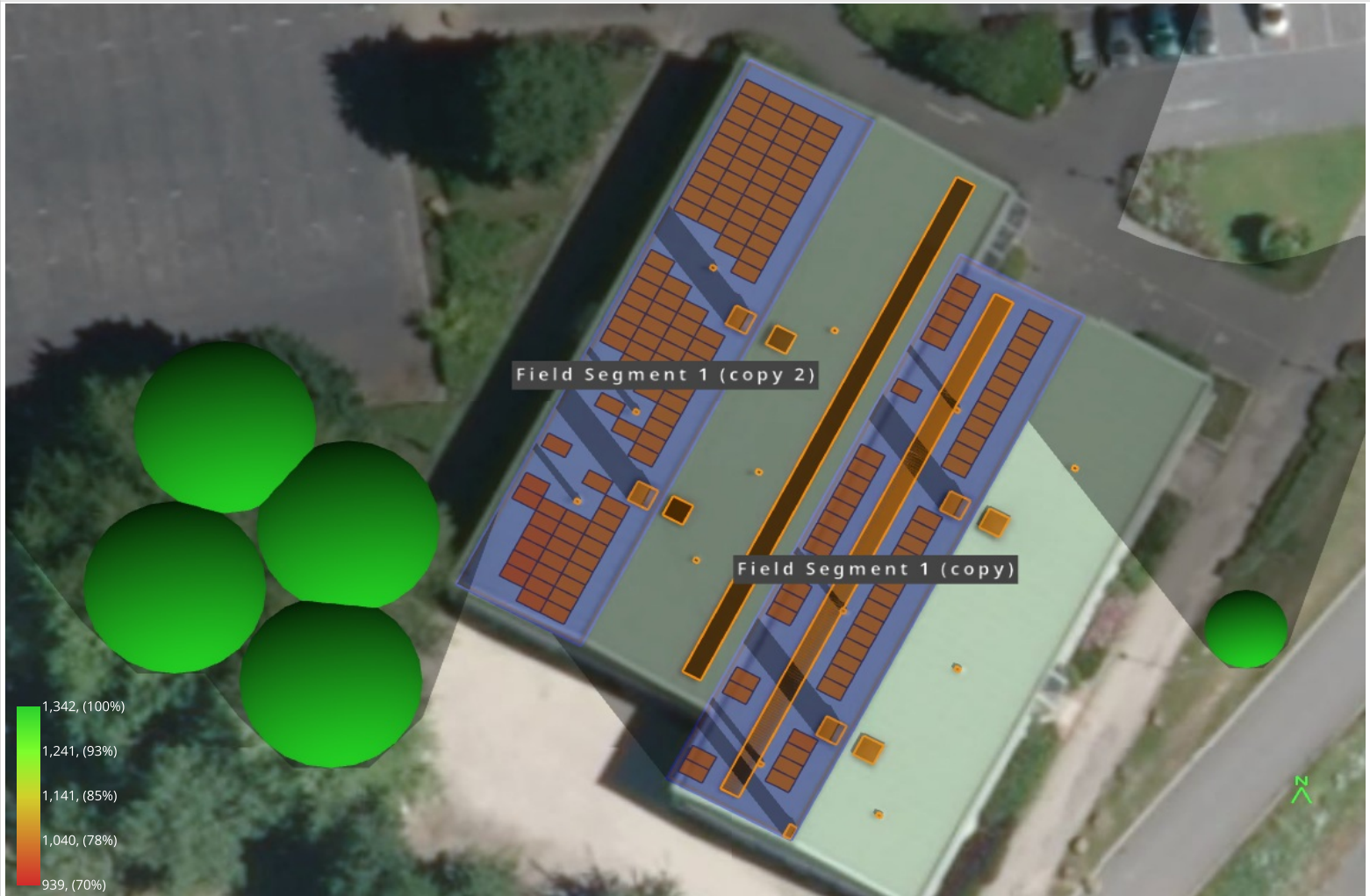
### Southeastern Angle





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### Shading Heatmap



### Shading by Field Segment

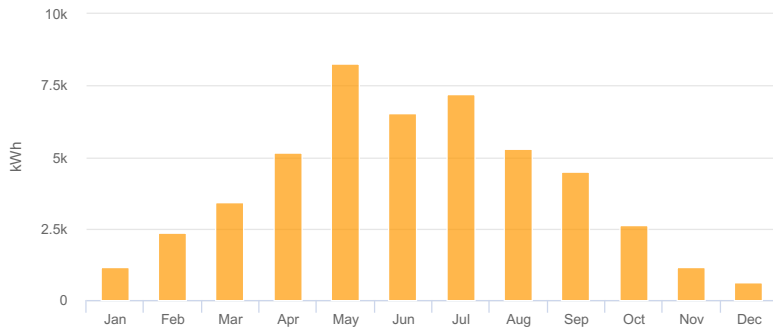
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF <sup>2</sup>	Solar Access	Avg TSRF <sup>2</sup>
Field Segment 1 (copy)	10.0°	297.8°	51	19.6 kWp	1,032.4kWh/m <sup>2</sup>	16.1 MWh <sup>1</sup>	77.3%	99.5%	76.9%
Field Segment 1 (copy 2)	10.0°	297.8°	102	39.3 kWp	1,030.8kWh/m <sup>2</sup>	32.2 MWh <sup>1</sup>	77.3%	99.4%	76.8%
<b>Totals, weighted by kWp</b>			<b>153</b>	<b>58.9 kWp</b>	<b>1,031.3kWh/m<sup>2</sup></b>	<b>48.3 MWh</b>	<b>77.3%</b>	<b>99.4%</b>	<b>76.9%</b>

<sup>1</sup> approximate, varies based on inverter performance  
<sup>2</sup> based on location Optimal POA Irradiance of 1,342.0kWh/m<sup>2</sup> at 40.9° tilt and 175.0° azimuth

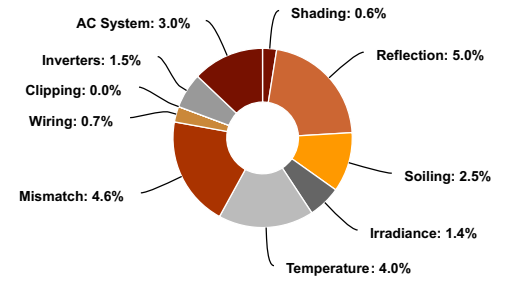
### Solar Access by Month

Description	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov	dec
Field Segment 1 (copy)	100%	100%	100%	99%	100%	99%	100%	99%	100%	100%	99%	99%
Field Segment 1 (copy 2)	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
<b>Solar Access, weighted by kWp</b>	<b>99.4%</b>	<b>99.4%</b>	<b>99.4%</b>	<b>99.4%</b>	<b>99.5%</b>	<b>99.4%</b>	<b>99.4%</b>	<b>99.4%</b>	<b>99.4%</b>	<b>99.3%</b>	<b>99.2%</b>	<b>99.2%</b>
<b>AC Power (kWh)</b>	<b>1,153.3</b>	<b>2,349.4</b>	<b>3,400.9</b>	<b>5,168.1</b>	<b>8,266.1</b>	<b>6,549.6</b>	<b>7,188.7</b>	<b>5,293.0</b>	<b>4,478.7</b>	<b>2,603.7</b>	<b>1,170.8</b>	<b>630.2</b>

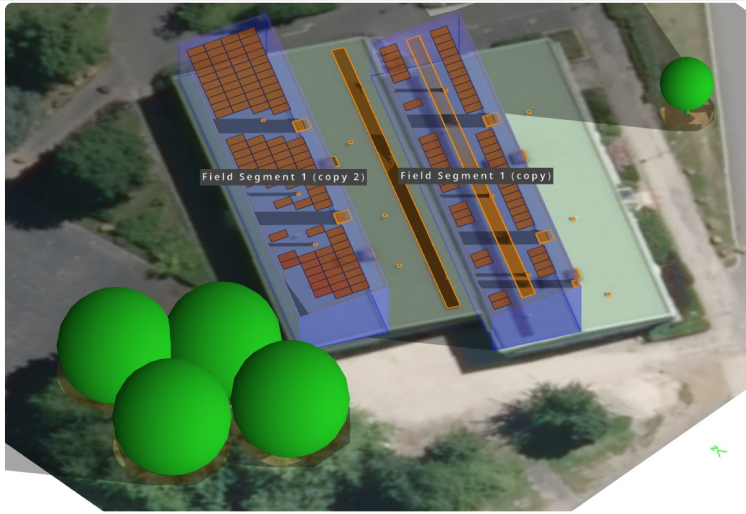
### Monthly Production



### Sources of System Loss



### Southwestern Angle



### Southeastern Angle

