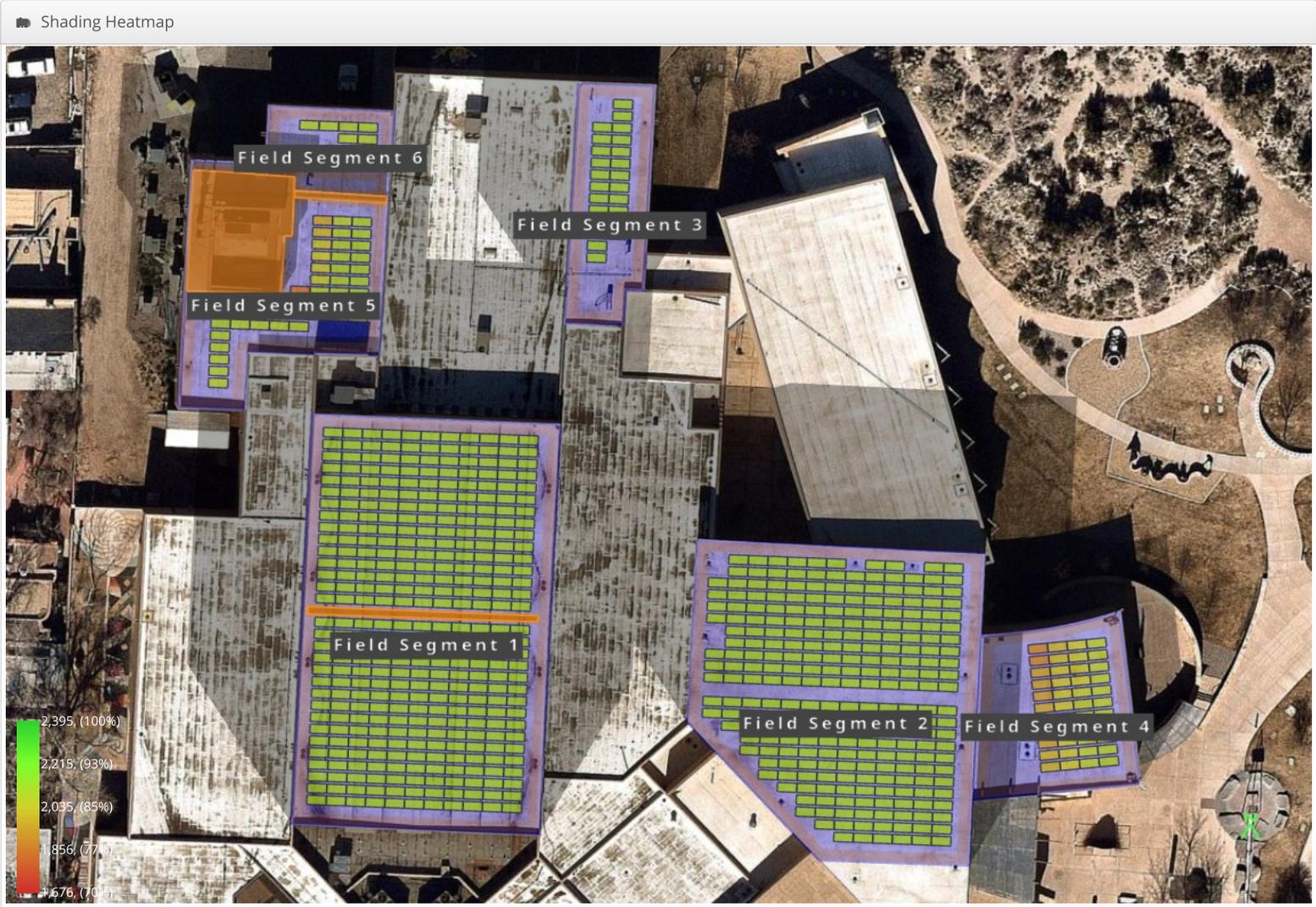


Design 3-5 degree tilt 11" intra row spacing (Steve House) Museum of

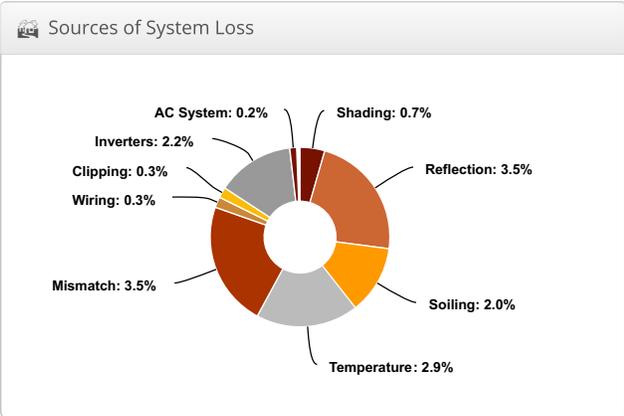
Albuquerque (COA#2), 2000 Mountain Rd. NW, Albuquerque, NM 87104



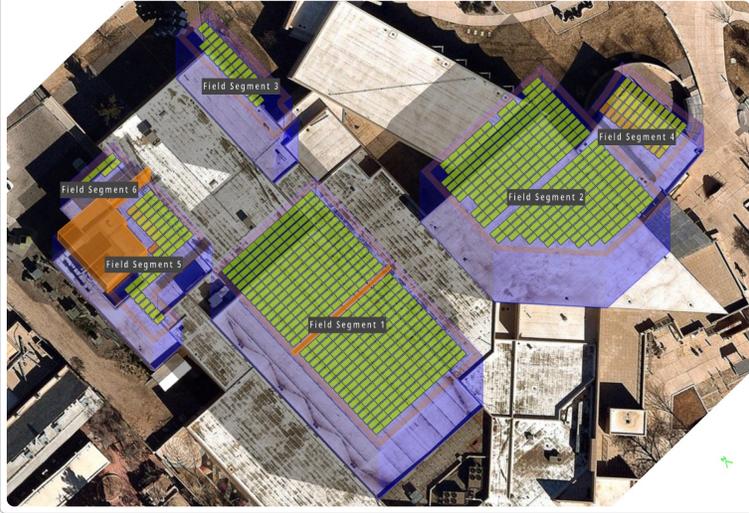
Shading by Field Segment									
Description	Tilt	Azimuth	Modules	Nameplate	Shaded Irradiance	AC Energy	TOF ²	Solar Access	TSRF ²
Field Segment 1	5.0°	182.4°	341	115.9 kWp	2,112.1kWh/m ²	211.0 MWh ¹	88.5%	99.7%	88.2%
Field Segment 2	5.0°	182.4°	255	86.7 kWp	2,112.2kWh/m ²	157.8 MWh ¹	88.5%	99.7%	88.2%
Field Segment 3	5.0°	182.4°	24	8.16 kWp	2,112.3kWh/m ²	14.8 MWh ¹	88.5%	99.7%	88.2%
Field Segment 4	5.0°	174.3°	44	15.0 kWp	2,020.1kWh/m ²	26.1 MWh ¹	88.5%	95.3%	84.4%
Field Segment 5	5.0°	182.3°	44	15.0 kWp	2,073.0kWh/m ²	26.7 MWh ¹	88.5%	97.9%	86.6%
Field Segment 6	5.0°	182.3°	6	2.04 kWp	2,078.9kWh/m ²	3.65 MWh ¹	88.5%	98.1%	86.8%
Totals, weighted by kWp			714	242.8 kWp	2,103.8kWh/m²	440.1 MWh	88.5%	99.3%	87.9%

¹ approximate, varies based on inverter performance
² based on location Optimal POA Irradiance of 2,394.6kWh/m² at 39.8° 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%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%
Field Segment 2	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%
Field Segment 3	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	99%
Field Segment 4	93%	94%	94%	95%	97%	97%	98%	97%	96%	94%	92%	91%
Field Segment 5	96%	97%	98%	98%	99%	98%	99%	99%	98%	98%	97%	94%
Field Segment 6	92%	97%	100%	100%	100%	100%	100%	100%	99%	99%	92%	91%
Solar Access, weighted by kWp	98.6%	99.1%	99.4%	99.4%	99.5%	99.5%	99.6%	99.6%	99.5%	99.3%	98.7%	98.3%
AC Power (kWh)	26,221.6	28,430.1	36,598.3	43,978.8	46,903.0	48,112.9	44,628.0	42,794.0	38,583.8	33,543.0	26,393.3	23,876.0



Southwestern Angle



Southeastern Angle

