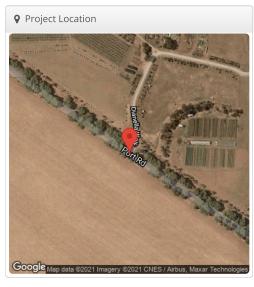
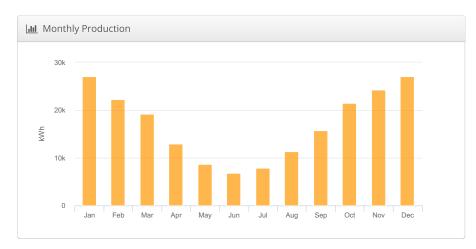


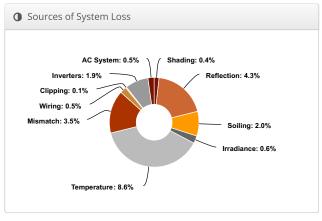
Aldinga Building G - AS Built Aldinga Superschool, Port Rd, Aldinga SA 5173, Australia



Lill System Metrics						
Design	Aldinga Building G - AS Built					
Module DC Nameplate	150.3 kW					
Inverter AC Nameplate	119.6 kW Load Ratio: 1.26					
Annual Production	204.7 MWh					
Performance Ratio	79.5%					
kWh/kWp	1,361.9					
Weather Dataset	TMY, 10km Grid, meteonorm (meteonorm)					
Simulator Version	f32791ae32-2bc0e40f0c-8e3c28cfc5- f831c3d7b8					





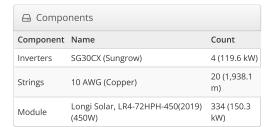


	Description	Output	% Delta			
	Annual Global Horizontal Irradiance	1,780.3				
	POA Irradiance	1,713.5	-3.7%			
Irradiance	Shaded Irradiance	1,706.7	-0.4%			
(kWh/m²)	Irradiance after Reflection	1,632.8	-4.3%			
	Irradiance after Soiling	1,600.1	-2.0%			
	Total Collector Irradiance	1,600.1	0.0%			
	Nameplate	240,648.7				
	Output at Irradiance Levels	239,177.3	-0.6%			
	Output at Cell Temperature Derate	218,566.2	-8.6%			
Energy	Output After Mismatch	210,950.7	-3.5%			
(kWh)	Optimal DC Output	209,835.7	-0.5%			
	Constrained DC Output	209,667.6	-0.1%			
	Inverter Output	205,723.4	-1.9%			
	Energy to Grid	204,694.8	-0.5%			
Temperature N	letrics					
	Avg. Operating Ambient Temp		17.1 °C			
Avg. Operating Cell Temp						
Simulation Me	rrics					
Operating Hours						
Solved Hours						

Condition Set												
Description	Cond	Condition Set 1										
Weather Dataset	TMY,	TMY, 10km Grid, meteonorm (meteonorm)										
Solar Angle Location	Mete	Meteo Lat/Lng										
Transposition Model	Pere	Perez Model										
Temperature Model	Sandia Model											
Tomporatura Madal	Rack Type			а	a		b		Temperature Delta			
Temperature Model Parameters	Fixed Tilt			-3	.56	-0.075		3	3°C			
	Flush Mount			-2	81	-0.0455		0,	0°C			
Soiling (%)	J	F	М	Α	M	J	J	Α	S	0	N	D
55	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%	5%										
Cell Temperature Spread	4° C											
Module Binning Range	-2.5%	-2.5% to 2.5%										
AC System Derate	0.50%											
Module Characterizations	Module					Uploaded By		Characterization				
	LR4-72HPH-450(2019) (Longi Solar)					Folsom Labs		Spec Sheet Characterization, PAN				
Component	Device Uplo				Uploa	aded By		Characterization				
Characterizations	SG30CX (Sungrow) Folso					m Labs Default Characterization				١		







♣ Wiring Zones			
Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	15-19	Along Racking

## Field Segments									
Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Flush Mount	Landscape (Horizontal)	5°	177°	0.0 m	1x1	78	78	35.1 kW
Field Segment 1 (copy)	Flush Mount	Landscape (Horizontal)	5°	177°	0.0 m	1x1	100	100	45.0 kW
Field Segment 1 (copy 1)	Flush Mount	Landscape (Horizontal)	5°	177°	0.0 m	1x1	52	52	23.4 kW
Field Segment 1 (copy 2)	Flush Mount	Landscape (Horizontal)	5°	177°	0.0 m	1x1	64	64	28.8 kW
Field Segment 1 (copy 3)	Flush Mount	Landscape (Horizontal)	5°	177°	0.0 m	1x1	8	8	3.60 kW
Field Segment 1 (copy 4)	Flush Mount	Landscape (Horizontal)	5°	177°	0.0 m	1x1	12	12	5.40 kW
Field Segment 1 (copy 5)	Flush Mount	Landscape (Horizontal)	5°	177°	0.0 m	1x1	20	20	9.00 kW



