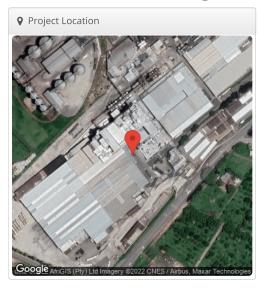


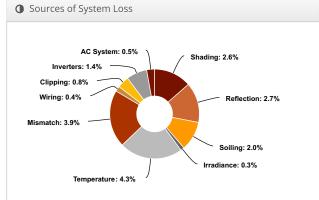
Ground Mount_Fixed_Jinko_Rev 1 Unilever Boksburg, 511 Commissioner street, boksburg



Lill System Metrics							
Design	Ground Mount_Fixed_Jinko_Rev 1						
Module DC Nameplate	3.27 MW						
Inverter AC Nameplate	2.80 MW Load Ratio: 1.17						
Annual Production	6.036 GWh						
Performance Ratio	82.6%						
kWh/kWp	1,848.3						
Weather Dataset	TMY, 10km Grid, meteonorm (meteonorm)						
Simulator Version	3a2c440a43-ac1ba03513-f7a4b02bd3- eebdbb10d4						









	Description	Output	% Delta				
	Annual Global Horizontal Irradiance	2,030.8					
	POA Irradiance	2,238.0	10.2%				
Irradiance	Shaded Irradiance	2,180.7	-2.6%				
(kWh/m ²)	Irradiance after Reflection	2,121.1	-2.7%				
	Irradiance after Soiling	2,078.6	-2.0%				
	Total Collector Irradiance	2,078.6	0.0%				
	Nameplate	6,789,662.0					
	Output at Irradiance Levels	6,772,542.3	-0.3%				
	Output at Cell Temperature Derate	6,480,738.7	-4.3%				
Energy	Output After Mismatch	6,227,741.8	-3.9%				
(kWh)	Optimal DC Output	6,205,396.8	-0.4%				
	Constrained DC Output	6,155,710.0	-0.8%				
	Inverter Output	6,068,835.0	-1.4%				
	Energy to Grid	6,036,354.6	-0.5%				
Temperature	Metrics						
	Avg. Operating Ambient Temp		18.9 °C				
	Avg. Operating Cell Temp						
Simulation Me	trics						
		Operating Hours	4595				
		Solved Hours	4595				

Condition Set														
Description	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													
	Rack Type				a		b	b		Temperature Delta				
Temperature Model Parameters	Fixe	d Tilt			-3.56		-0.0	-0.075		3°	С			
	Flus	h Mοι	unt		-2.81		-0.0	0455		0°C				
Soiling (%)	J	F	М		Α	М	J	J		Α	S	0	N	D
	2	2	2		2	2	2	2		2	2	2	2	2
Irradiation Variance	5%													
Cell Temperature Spread	4° C													
Module Binning Range	-2.5%	6 to 2.	.5%											
AC System Derate	0.50%													
Module Characterizations	Module						Uploaded By		C	Characterization				
	JKM540M-72HL4-V (Jinko Solar)						Folso Labs	m	Spec Sheet Characterization, PAN					
Component Characterizations	Device Uploaded E					led By	Sy Characterization							

☐ Components							
Component	Name	Count					
Inverters	SUN2000-215KTL-H0 (Huawei)	14 (2.80 MW)					
AC Panels	7 input AC Panel	2					
AC Home Runs	70 mm2 (Copper)	16 (3,515.0 m)					
Strings	6 mm2 (Copper)	252 (17,809.6 m)					
Module	Jinko Solar, JKM540M-72HL4-V (540W)	6,048 (3.27 MW)					

♣ Wiring Zon	es								
Description	ription Combiner Poles		String Size	Stringin	Stringing Strategy				
Wiring Zone -		-			24-24	Along R	acking		
Ⅲ Field Segm	ents								
Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
•		Portrait (Vertical)		0°	3.5 m	3x4	504	6.048	3.27 MW



