

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name : Botanica Foresta B02				Maintenance : MA	Date : 28 April 2025
Solar Panel				Inverter	
Brand	Model	Capacity	Install	Brand	Model
EX-1001	EX 680 H07	20 kWp.	34 Panels	Solar	SB-GH3P20K-MD-H 1033160245100129

Before Preventive Maintenance Solar System

Solar Panels		Operating Voltage / Current					Time	Inspection		Remark
String 1	Panels	Vmp 411.0	Vdc	Voc 509.0	Vdc	Isc 3.01 A.	14:10	✓	Pass	Not Pass
String 2	Panels	Vmp 449.7	Vdc	Voc 504.7	Vdc	Isc 2.61 A.	:	✓	Pass	Not Pass
String 3	Panels	Vmp 460.6	Vdc	Voc 546.2	Vdc	Isc 2.75 A.	:	✓	Pass	Not Pass
String 4	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 5	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 6	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 7	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 8	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 9	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 10	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 11	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 12	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass

After Preventive Maintenance Solar System

Solar Panels		Operating Voltage / Current					Time	Inspection		Remark
String 1	Panels	Vmp 404.4	Vdc	Voc 515.7	Vdc	Isc 2.61 A.	14:50	✓	Pass	Not Pass
String 2	Panels	Vmp 409.2	Vdc	Voc 515.7	Vdc	Isc 2.36 A.	:	✓	Pass	Not Pass
String 3	Panels	Vmp 429.0	Vdc	Voc 559.0	Vdc	Isc 2.33 A.	:	✓	Pass	Not Pass
String 4	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 5	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 6	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 7	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 8	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 9	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 10	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 11	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass
String 12	Panels	Vmp	Vdc	Voc	Vdc	Isc A.	:		Pass	Not Pass

Inverter Inspection

Device	Field Measured Readings		Readings from Inverter Display		Readings from Smarter Meter		Field Measured Back Up	
Inverter	AC Line Voltage		AC Line Voltage		AC Line Voltage		AC Line Voltage	
	Phase L1 to Grd :	233.6	Vac. Phase L1 to Grd :		Vac. Phase L1 to Grd :		Vac. Phase L1 to Grd :	
	Phase L2 to Grd :	234.5	Vac. Phase L2 to Grd :		Vac. Phase L2 to Grd :		Vac. Phase L2 to Grd :	
	Phase L3 to Grd :	234.0	Vac. Phase L3 to Grd :		Vac. Phase L3 to Grd :		Vac. Phase L3 to Grd :	
	AC Line Current		AC Line Current		AC Line Current			
	Phase L1 to Grd :	3.76	A. Phase L1 to Grd :		A. Phase L1 to Grd :		A.	
	Phase L2 to Grd :	3.61	A. Phase L2 to Grd :		A. Phase L2 to Grd :		A.	
	Phase L3 to Grd :	3.77	A. Phase L3 to Grd :		A. Phase L3 to Grd :		A.	

Comment :

Inspection By :

(Bunham Libney) Project Engineer

Date : ____/____/____