

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name : Botanica Foresta A03				Maintenance : MA		Date : 11 November 2025	
Solar Panel				Inverter			
Brand	Model	Capacity	Install	Brand	Model	S/N	
Sonnax	SDP-D6HND-480M	kWp. 31	Panels	Solix	SB-6K3P20K-MD-A	1033160249 100146	

Before Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current					Time	Inspection			Remark
String 1	19 Panels	Vmp 526.4	Vdc Voc 594.3	Vdc	Isc 5.43 A.	11 : 20	✓	Pass		Not Pass
String 2	16 Panels	Vmp 248.9	Vdc Voc 603.8	Vdc	Isc 5.22 A.	:	✓	Pass		Not Pass
String 3	Panels	Vmp	Vdc Voc	Vdc	Isc 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 520.4	Vdc Voc 592.4	Vdc	Isc 6.84 A.	12 : 15	✓	Pass		Not Pass
String 2	Panels	Vmp 576.3	Vdc Voc 622.8	Vdc	Isc 6.79 A.	:	✓	Pass		Not Pass
String 3	Panels	Vmp	Vdc Voc	Vdc	Isc 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 :	228.6 Vac.	Phase L1 to Grd :	Vac.	Phase L1 to Grd :	Vac.	Phase L1 to Grd :	Vac.
	Phase L2 to Grd :	229.9 Vac.	Phase L2 to Grd :	Vac.	Phase L2 to Grd :	Vac.	Phase L2 to Grd :	Vac.
	Phase L3 to Grd :	229.0 Vac.	Phase L3 to Grd :	Vac.	Phase L3 to Grd :	Vac.	Phase L3 to Grd :	Vac.
	AC Line Current		AC Line Current		AC Line Current			
	Phase L1 to Grd :	11.39 A.	Phase L1 to Grd :	A.	Phase L1 to Grd :	A.		
	Phase L2 to Grd :	9.65 A.	Phase L2 to Grd :	A.	Phase L2 to Grd :	A.		
	Phase L3 to Grd :	10.38 A.	Phase L3 to Grd :	A.	Phase L3 to Grd :	A.		

Comment :

Inspection By :

(Bunham Library) Project Engineer

Date : / /