

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name :		Botanica Foresta D20		Maintenance :		MA		Date :		11 November 2025	
Solar Panel						Inverter					
Brand	Model		Capacity	Install		Brand	Model		S/N		
Sonnax	80X-D64MP-680M		KWp.	30 Panels		Solis	SB-600P90K2-H		1033061247190009		

Before Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current					Time	Inspection		Remark
String 1	Panels	Vmp	Vdc	Voc	Isc	A.			
		496.2		563.5	3.28	A.	13:00	✓	Pass
String 2	Panels	Vmp	Vdc	Voc	Isc	A.	:	✓	Pass
		580.8		642.0	3.27	A.			Not Pass
String 3	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 4	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 5	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 6	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 7	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 8	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 9	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 10	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 11	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 12	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass

After Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current					Time	Inspection		Remark
String 1	Panels	Vmp	Vdc	Voc	Isc	A.			
		488.9		569.7	4.20	A.	13:45	✓	Pass
String 2	Panels	Vmp	Vdc	Voc	Isc	A.	:	✓	Pass
		563.6		648.3	4.60	A.			Not Pass
String 3	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 4	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 5	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 6	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 7	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 8	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 9	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 10	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 11	Panels	Vmp	Vdc	Voc	Isc	A.	:		Pass
String 12	Panels	Vmp	Vdc	Voc	Isc	A.	:		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 : 231.0 Vac.	Phase L1 to Grd : Vac.	Phase L1 to Grd : 230.9 Vac.	Phase L1 to Grd : Vac.
	Phase L2 to Grd : 231.6 Vac.	Phase L2 to Grd : Vac.	Phase L2 to Grd : 232.1 Vac.	Phase L2 to Grd : Vac.
	Phase L3 to Grd : 229.1 Vac.	Phase L3 to Grd : Vac.	Phase L3 to Grd : 229.7 Vac.	Phase L3 to Grd : Vac.
	AC Line Current	AC Line Current	AC Line Current	
	Phase L1 to Grd : 4.10 A.	Phase L1 to Grd : A.	Phase L1 to Grd : 4.50 A.	A.
	Phase L2 to Grd : 4.60 A.	Phase L2 to Grd : A.	Phase L2 to Grd : 4.00 A.	A.
	Phase L3 to Grd : 4.30 A.	Phase L3 to Grd : A.	Phase L3 to Grd : 3.10 A.	A.

Comment :

Inspection By :

(Bunham Library (Project Engineer

Date : / /