

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name : <u>Garden Atlas 2 v.6</u>		Maintenance : <u>MA</u>	Date : <u>19 August 2023</u>
Solar Panel		Inverter	
Brand	Model	Capacity	Install
<u>Sonnax</u>	<u>SRX-DW HND-480m</u>	<u>20</u> kWp.	<u>43</u> Panels
Brand	Model	S/N	
<u>Solis</u>	<u>SH-CH3P2K-H</u>	<u>1033160247310233</u>	

Before Preventive Maintenance Solar System

Solar Panels		Operating Voltage / Current						Time	Inspection			Remark		
String 1	Panels	Vmp	59.8.0	Vdc	Voc	Vdc	Isc	A.	11:15		Pass		Not Pass	
String 2	Panels	Vmp	478.3	Vdc	Voc	Vdc	Isc	A.	:		Pass		Not Pass	
String 3	Panels	Vmp	399.4	Vdc	Voc	Vdc	Isc	A.	:		Pass		Not Pass	
String 4	Panels	Vmp	319.3	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	977.6	Vdc	Voc	Vdc	Isc	A.	:		Pass		Not Pass	
String 2	Panels	Vmp	479.0	Vdc	Voc	Vdc	Isc	A.	:		Pass		Not Pass	
String 3	Panels	Vmp	380.1	Vdc	Voc	Vdc	Isc	A.	:		Pass		Not Pass	
String 4	Panels	Vmp	330.3	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 :	Vac.	Phase L1 to Grd :	Vac.	Phase L1 to Grd :	Vac.	Phase L1 to Grd :	Vac.
	Phase L2 to Grd :	Vac.	Phase L2 to Grd :	Vac.	Phase L2 to Grd :	Vac.	Phase L2 to Grd :	Vac.
	Phase L3 to Grd :	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 :	A.	Phase L1 to Grd :	A.	Phase L1 to Grd :	A.		
	Phase L2 to Grd :	A.	Phase L2 to Grd :	A.	Phase L2 to Grd :	A.		
	Phase L3 to Grd :	A.	Phase L3 to Grd :	A.	Phase L3 to Grd :	A.		

Comment : ระบบทำงานปกติ

Inspection By :

(Bunharn Libroy) Project Engineer

Date : ____/____/____