SMARTER ENERGY SOLUTION
Preventive Maintenance Solar System

| Customer Name : | Himmapan - k. Nigel | | Maintenance : | MA | Date : | 13 October 2025 |

Solar Panel / Inverter

	Brand	Model	Capacity	Install	Brand	Model	S/N
	Exxoon	Gx 480 HJT	10 kWp.	26 Panels	Solis	S5-GR3P10K	180506023804C025

Before Preventive Maintenance Solar System

Solar Panels		Operating Voltage / Current				Time	Inspection			Remark
String 1	13 Panels	Vmp 465.3 Vdc	Voc 600.0 Vdc	Isc 2.04 A.		14:00	✓ Pass		Not Pass	
String 2	13 Panels	Vmp 465.9 Vdc	Voc 601.9 Vdc	Isc 2.45 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	13 Panels	Vmp 622.7 Vdc	Voc 623.3 Vdc	Isc 3.60 A.		16:45	✓ Pass		Not Pass	
String 2	13 Panels	Vmp 481.3 Vdc	Voc 623.7 Vdc	Isc 3.80 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
	AC Line Voltage	**AC Line Voltage**	**AC Line Voltage**	**AC Line Voltage**
Inverter	Phase L1 to Grd : 229.1 Vac.	Phase L1 to Grd : 229.9 Vac.	Phase L1 to Grd : 229.0 Vac.	Phase L1 to Grd : Vac.
	Phase L2 to Grd : 230.5 Vac.	Phase L2 to Grd : 234.5 Vac.	Phase L2 to Grd : 231.3 Vac.	Phase L2 to Grd : Vac.
	Phase L3 to Grd : 229.9 Vac.	Phase L3 to Grd : 230.7 Vac.	Phase L3 to Grd : 230.5 Vac.	Phase L3 to Grd : Vac.
	AC Line Current	**AC Line Current**	**AC Line Current**	
	Phase L1 to Grd : 2.38 A.	Phase L1 to Grd : 5.00 A.	Phase L1 to Grd : 17.70 A.	
	Phase L2 to Grd : 2.36 A.	Phase L2 to Grd : 9.30 A.	Phase L2 to Grd : 9.60 A.	
	Phase L3 to Grd : 2.44 A.	Phase L3 to Grd : 5.70 A.	Phase L3 to Grd : 5.40 A.	

Comment : _____

Inspection By : _____

(Bunharn Libnoy)Project Engineer

Date : ____/____/____