

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name :		Headstart Inverter #4		Maintenance :		MA		Date :		28 June 2025	
Solar Panel				Inverter							
Brand	Model		Capacity	Install	Brand	Model		S/N			
Sonnax	SMX-D78HMDV30 M		kWp.	Panels	Solix	SM-AC110K		1814061228010008			

Before Preventive Maintenance Solar System

Solar Panels		Operating Voltage / Current						Time	Inspection		Remark
Panels	Vmp	Vdc	Voc	Vdc	Isc	A.			Pass	Not Pass	
String 1	639.2		786.9				10:00				
String 2	637.3		787.1				:				
String 3	642.1		785.6				:				
String 4	639.8		784.3				:				
String 5	640.3		786.0				:				
String 6	641.4		785.0				:				
String 7	639.3		786.5				:				
String 8	640.2		791.1				:				
String 9	641.1		786.2				:				
String 10							:				
String 11							:				
String 12							:				

After Preventive Maintenance Solar System

Solar Panels		Operating Voltage / Current						Time	Inspection		Remark
Panels	Vmp	Vdc	Voc	Vdc	Isc	A.			Pass	Not Pass	
String 1	664.0		766.3				14:30				
String 2	667.2		775.4				:				
String 3	666.0		774.6				:				
String 4	664.2		766.1				:				
String 5	666.2		766.2				:				
String 6	666.9		766.8				:				
String 7	666.3		766.7				:				
String 8	662.2		772.4				:				
String 9	667.1		767.0				:				
String 10							:				
String 11							:				
String 12							:				

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 :	233.4 Vac.	Phase L1 to Grd :	Vac.	Phase L1 to Grd :	229.4 Vac.	Phase L1 to Grd :	Vac.
	Phase L2 to Grd :	231.9 Vac.	Phase L2 to Grd :	Vac.	Phase L2 to Grd :	229.6 Vac.	Phase L2 to Grd :	Vac.
	Phase L3 to Grd :	232.1 Vac.	Phase L3 to Grd :	Vac.	Phase L3 to Grd :	228.1 Vac.	Phase L3 to Grd :	Vac.
	AC Line Current		AC Line Current		AC Line Current			
	Phase L1 to Grd :	41.66 A.	Phase L1 to Grd :	A.	Phase L1 to Grd :	34.40 A.		
	Phase L2 to Grd :	42.43 A.	Phase L2 to Grd :	A.	Phase L2 to Grd :	38.60 A.		
	Phase L3 to Grd :	43.94 A.	Phase L3 to Grd :	A.	Phase L3 to Grd :	20.80 A.		

Comment :

Inspection By :

(Bunharn Libroy IProject Engineer

Date : / /