

SMARTER ENERGY SOLUTION

Preventive Maintenance Solar System



Customer Name : Botanika Modern Loft M03 Maintenance : MA Date : 19 October 2024

Solar Panel				Inverter		
Brand	Model	Capacity	Install	Brand	Model	S/N
<u>Sonnax</u>	<u>SNX-D60HND-480M 10</u>	<u>Kwp.</u>	<u>27</u> Panels	<u>Solis</u>	<u>SG-GR3P 10K</u>	<u>1809060235310021</u>

Before Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current				Time	Inspection		Remark
String 1	<u>14</u> Panels	Voc <u>966.9</u>	Vdc	Vmp <u>502.1</u>	Vdc	Isc <u>9.62</u>	A.	<u>11:30</u> ☒ Pass ☐ Not Pass
String 2	<u>13</u> Panels	Voc <u>926.2</u>	Vdc	Vmp <u>479.9</u>	Vdc	Isc <u>5.10</u>	A.	☒ Pass ☐ Not Pass
String 3	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 4	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 5	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 6	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 7	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 8	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 9	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 10	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 11	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 12	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass

After Preventive Maintenance Solar System

Solar Panels	Operating Voltage / Current				Time	Inspection		Remark
String 1	<u>14</u> Panels	Voc <u>574.1</u>	Vdc	Vmp <u>507.3</u>	Vdc	Isc <u>6.09</u>	A.	<u>12:30</u> ☒ Pass ☐ Not Pass
String 2	<u>13</u> Panels	Voc <u>533.7</u>	Vdc	Vmp <u>482.9</u>	Vdc	Isc <u>5.85</u>	A.	☒ Pass ☐ Not Pass
String 3	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 4	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 5	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 6	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 7	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 8	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 9	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 10	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 11	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass
String 12	_____ Panels	Voc _____	Vdc	Vmp _____	Vdc	Isc _____	A.	☐ Pass ☐ Not Pass

Inverter Inspection				Remark
Device	Readings from SmarterMeter	Readings from Inverter Display	Field Measured Readings	
Inverter	AC Line Voltage		AC Line Voltage	
	Phase L1 to Grd : <u>232.0</u> Vac	Phase L1 to Grd : <u>229.7</u> Vac	Phase L1 to Grd : <u>232.1</u> Vac	
	Phase L2 to Grd : <u>238.3</u> Vac	Phase L2 to Grd : <u>241.9</u> Vac	Phase L2 to Grd : <u>237.9</u> Vac	
	Phase L3 to Grd : <u>238.9</u> Vac	Phase L3 to Grd : <u>237.1</u> Vac	Phase L3 to Grd : <u>237.8</u> Vac	
	AC Line Current		AC Line Current	
	Phase L1 to Grd : <u>3.00</u> A	Phase L1 to Grd : <u>6.73</u> A	Phase L1 to Grd : <u>6.17</u> A	
	Phase L2 to Grd : <u>6.00</u> A	Phase L2 to Grd : <u>6.30</u> A	Phase L2 to Grd : <u>6.23</u> A	
	Phase L3 to Grd : <u>5.40</u> A	Phase L3 to Grd : <u>6.30</u> A	Phase L3 to Grd : <u>6.19</u> A	

Comment :

Finaly done 2703