

**PERFORMANCE AND MAINTENANCE REPORT  
GRID CONNECTED ROOFTOP SOLAR PLANT  
(TO BE SUBMITTED QUARTERLY)**

1.

Name of the Promoter	Address of the promoter	Name of the Firm and Address	Type of consumer Domestic/ Commercial/ Industrial/ Others	RTS Plant Capacity

2.

Date of commission	Type of connection (Net/ Gross)	Inverter (Make/ Capacity)	MSPDCL consumer/connection no.

3. Quarterly Maintenance Report for the period of 4 months starting from dated: ..... to dated: .....

4. Maintenance Check List:

Sl. No.	Particulars	Date	Status	Remark
1.	Checking of Modules for any damage: Panel defects (Yes or No)			
2.	Checking of inter connecting AC and DC cables for any loose connections, short-circuit etc.			
3.	<b>CHECKING OF INVERTER</b>			
	Total energy yield since commissioned, E-Total (kWh)			
	Checking of cables (AC/DC) for any loose connection			
	Other internal issues			
4.	<b>CHECKING OF EARTHINGS</b>			
	<b>AC Earthing</b>			
	Corrosion of conductor (Y/N)			
	Loose connection at conductor joints (Y/N)			
	Checking electrode joint (Y/N)			
	Pit Cover (Y/N)			
	<b>DC Earthing</b>			
	Corrosion of conductor (Y/N)			
	Loose connection at conductor joints (Y/N)			
	Checking electrode joint (Y/N)			
	Pit Cover (Y/N)			
	<b>LA earthing</b>			
	Insulation of LA conductor (Y/N)			
	Corrosion of conductor (Y/N)			

	Loose connection at conductor joints (Y/N)			
	Checking electrode joint (Y/N)			
	Pit Cover (Y/N)			

I, hereby, declare that above physical checks of the RTS plant (from Sl. No. 1 to 4) have been conducted in my presence and the remarks entered at the sideline corresponding to each checking are true to the best of my knowledge.

**Name and Signature**

**Date of maintenance:**

**Promoter/Representative(Relationship with the promoter)**

5. Any trouble-shootings/defects occurred during the period and rectification details:

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6.

Total energy yield of Inverter since commissioning of the plant (in kWh) :	
Average per day per kW generation of the plant (in kWh) :	
<i>Calculation of Average per day per kW generation of the plant:</i> $\frac{\text{Total energy yield of Inverter since commissioning of the plant (in kWh)}}{(\text{No. of days in operation} \times \text{kW capacity of plant})}$	

7. Feedback of the promoter/owner:

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8.

Name & Signature of the authorized personnel of the servicing firm:	
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