


**CHAMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LIMITED, Mysore**

(Government of Karnataka Undertaking)

Office of the AEE,

O&amp;M Sub division....

**No.**
**Date:**
**CHECKLIST FOR SOLAR ROOFTOP PV GRID SAFETY QUALIFICATION**
**1.0 Solar RTPV - Customer and Location Data**

1	Customer Name	
2.	Address	
3.	RR No.	
4.	Customer Contact- Email	
5.	Customer Contact- Mobile no.	
6.	SRTPV Installer - Name & address	
9.	CESC- officer in Charge	

**2.0 Component Inspection Checklist**

Sl No.	Item type	YES	NO
1	Installation layout - is it as per drawing?		
2.	Inverter IS / IEC standards qualified		
3.	PV panel IS / IEC standards qualified		
4.	PV isolators/PV cables IS/ IEC standards qualified		
5.	AC disconnect manual switch provided		
6.	Meters from MT staff approved? (as per meter regulations)		
7.	Any other critical component IS / IEC standards certified		

**3.0 Grid -Functional Safety Checklist**

Sl No.	Item type	YES	NO
1	Check-PV inverter anti islanding (utility side). Disconnect Grid and check whether PV generator seizes Generation immediately		
2.	Check Reconnect time.: Reconnecting to the Grid, PV generator reconnects to grid with minimum 60 seconds later (Single phase) or minimum 300 seconds later( Three phase connectivity)		
3.	Bi-directional flow recorded on CESC Meter		
4.	Consumption ( Import) only mode ok?		
5.	PV inverter anti islanding tested at array side		
6.	Solar Generation meter OK?		
7.	Check all earthing provided at ACDB/DCDB/LA		

I hereby certify that the PV installation is qualified to be connected to CESC Grid.

**AEE (Ele),**
**O&M sub-division, CESC**