

**CHAMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LIMITED, MYSORE**

(A Government, of Karnataka Undertaking)

Telephone:

Email ID:

Office of the

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Ref No.:**Date :**

CHECKLIST FOR SOLAR ROOFTOP PV GRID SAFETY QUALIFICATION

1. Solar RTPV - Customer and Location Data:

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

2. 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. 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.		

Sl No.	Item type	YES	NO
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		

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

**AEE/Executive Engineer(Elc),
O&M sub-div/division,
CESC**