

Clarifications in Methodology of Grid Connected Roof top solar projects in the state of Maharashtra.

Sr.No.	Queries	MNRE requirement	Clarification
1	As per the methodology manufacturers has to submit there registration details by submitting the scan copy of demand draft / B.G.	NA	As the manufacturers have submitted the details during registration the same is available with us. Therefore this condition mention at pt. no.13 may be deleted to simplify the process.
2	As per the methodology the manufacturer has to submit the detailed project report (DPR) of the project. Whereas it is observed that the manufacturer are not submitting the proper DPR with exact project details.	Required above 5 kWp	The pt. no. 14 mentioned in the methodology for submission of DPR is relaxed for project capacity upto 5 kW and above 5 kW submission of DPR is mandatory.
3	As per the methodology the manufacturers has to submit the single line diagram (SLD) of the project to be approved from competent authority. Most of the manufacturers are not submitting the correct SLD / the SLD to be	As per the forms given on MNRE website SLD has to be submitted by Manufacturer. Since the Form A (1 to 5 kW) is not available on website,	Therefore, we may allow the manufacturers to submit a) Self certified SLD for project capacity up to 5 kW b) Above 5 kW to 199.99 kW it should

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	certify by competent authority.	we may say that it is not required up to 5 kW. But above 5 kW it is required.	be certified by competent authority c) Above 200 kW it should be certified by Electrical Inspector as per Commercial Circular No.276 of MSEDCL dated on 19/11/2016.
4	<p>In technical specifications of GCRT the array structure should be of hot dip galvanized with thickness of galvanization 120 micron.</p> <p>As per the joint inspection report submitted by division office it is observed that most of the manufacturers are not installing the array structure with hot dip galvanized with a thickness of 120 micron saying that it is required for costal area.</p>	<p>This condition is taken from SECI's tender.</p> <p>On MNRE website the Model Tender document of Solar Rooftop Projects says the use of Hot dip galvanized MS mounting structures</p>	<p>Hot dip galvanized MS mounting structures may be used for mounting the modules/ panels/ arrays.</p> <p>The mounting structure steel shall be as per latest IS 2062: 1992 and galvanization of the mounting structure shall be in compliance of latest IS 4759.</p>
5	While disbursement of CFA of GCRT the manufacturers are submitting Net Metering installation report of utility. But it is observed	NA	Therefore while submitting the documents for availing subsidy after joint inspection report the

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	that this report does not have the actual sanction capacity of installed PV system.		manufacturer has to submit final sanction letter of rooftop solar PV system from DISCOM and commissioning report of DISCOM / connection agreement of DISCOM to verify the actual sanction capacity of Grid connected Roof Top Solar System under net metering as the capacity of the project is not mentioned on released order.
6	In Annexure 7, only one copy of tax invoice is mentioned but as per methodology, a project developer has to submit two copies of tax invoice.	NA	Therefore, the manufacturer has to submit two copies of tax invoice at a time of submission.

- While submitting the proposal the manufacturer (CP/OC) has to upload 17 nos. of documents for getting sanction for availing the CFA. But during the scrutiny it is observed that the manufacturers are not submitting there proposals in chronological order as the chronological order is different in software and published methodology.

The revised chronological order for submission of above documents to be given as

Sr. No.	Particulars	Yes/No	Page no. (C/)
1.	Purchase order from Beneficiary.		
2.	Document showing Advance received.		
3.	Net metering application to utility company or sanction letter from utility.		
4.	Agreement/Consent/Certificate/ Undertaking on Rs.100/- stamp paper with notarized regarding CFA from Beneficiary. (Annexure-III)		
5.	Affidavit/Declaration Certificate/Undertaking on Rs.100/- stamp paper regarding specifications from Channel Partner. (Annexure- IV)		
6.	Bank Details of Beneficiary. (Annexure-V)		
7.	Undertaking on Rs.100/- stamp paper for net of subsidy from beneficiary. (Annexure-VI) If applicable.		
8.	Ownership document of the Rooftop from beneficiary.		
9.	Certificate of society registration / Charitable trust registration. (If applicable)		
10.	Pan card and Aadhar Card of Beneficiary.		
11.	Latest Electricity Bill.		
12.	Document regarding MNRE Channel Partner / Channel Partner (New Entrepreneur) If available.		

13.	<p>Detailed Project Report</p> <p>a) not required for project capacity upto 5 kW</p> <p>b) is to be submitted for project capacity above 5 kW to 99.99 kW</p> <p>c) is to be submitted above 100 kW along with Engineering documents.</p>		
14.	<p>Single Line Diagram</p> <p>a) Self certified correct SLD for project capacity up to 10 kW</p> <p>b) Above 10 kW to 199.99 kW it should be certified by competent authority</p> <p>c) Above 200 kW it should be certified by Electrical Inspector as per govt. resolution dtd. on 4/2/2016.</p>		
15.	Site photographs before installation.		