

**Methodology for Implementation of Grid Connected Rooftop Solar Projects in
the state of Maharashtra**

- The benchmark cost for the Maharashtra is as follows:

Type	Category	Benchmark Cost	Per kW 30% CFA Amount (Rs.)
Grid connected rooftop solar PV system (Rs/Wp)	Upto 10 kWp	47000/-	14100.00
	>10-100 kWp	44500/-	13350.00
	>100-500kWp	44000/-	13200.00

The CFA is 30% of benchmark cost or project cost whichever is less.

- Minimum Capacity of project is 1 kWp and Maximum Capacity of project is 500 kWp for availing CFA at single beneficiary location.
- Only indigenously manufactured PV modules and Balance of System (BOS) as per MNRE specification and standards will be allowed for availing capital subsidy.
- Sector wise / Category wise eligibility for availing CFA of grid connected roof-top solar power plant are as following:-

Sr. No.	Category	Coverage of building	Central Financial Assistance
1.	Residential	All type of residential buildings	CFA upto 30% of benchmark cost or project cost whichever is minimum.
2.	Institutional	Schools, health institutions including medical college & hospitals, universities, educational institutions etc. [including those registered under the Societies Registration Act 1860 and the Indian Trust Act 1882.]	CFA upto 30% of benchmark cost or project cost whichever is minimum.
3.	Social sector	Community centres, welfare homes, old age homes, orphanages, common service centres, common workshops for artisans or craftsman, facilities for use of community. Trusts / NGOs / Voluntary organizations / Training institutions, any other establishments for common public use etc. [including those registered under the Societies	CFA upto 30% of benchmark cost or project cost whichever is minimum.

Sr. No.	Category	Coverage of building	Central Financial Assistance
		Registration Act under the societies Registration act 1860 and the Indian Trust Act 1882]	

Note: - No CFA is applicable for all types of Govt. buildings, Govt. institutions/Govt. Organizations including PSUs.

As per the sanction and guidelines of MNRE, GoI dated on 15th February, 2018; we had called for Expression of Interest (EoI) for implementation of 50 MW through project developers and finalized the category wise rate of system per kWp. The list of empanelled project developers is given in Annexure - 1.

➤ **Procedure for online submission of Proposal for availing CFA for MNRE, GoI :-**

1. For availing CFA the project proposals must be submitted in prescribed online format through GCRT software which is available on MEDA www.mahaurja.com website along with requisite documents mentioned in format.
2. Empanelled project developers have to submit the online proposals through GCRT software along with scanned copies of the documents. Refer to Annexure-2 for check list.

MEDA prefers to release subsidy directly to the concerned beneficiary. Therefore, submit Bank details of Beneficiary as per Annexure-5.
3. Online submitted proposals will be scrutinized by MEDA Divisional Offices. After scrutiny the proposals will be either accepted for in-principle approval or shortfall if any will be notified on the GCRT portal only. If shortfall is not complied within the existence of scheme, then the application will be cancelled.
4. The projects having capacity upto 100 kW, In-principle sanction of those projects will be issued by MEDA Divisional Offices and the projects having capacity above 100 kW, In-principle sanction of those projects will be issued by MEDA Head Office.
5. The empanelled project developers will have to submit a scanned copy of net metering / feed in tariff / separate import export meter / gross metering for grid connectivity application made to the utility company. In-principle sanction will be issued to start the work on the basis of this application. However, CFA will be released on the basis of net metering sanctioned load by utility company or actual installed capacity of the system whichever is less.
6. It is the responsibility of Empanelled project developers to follow the technical specifications / standards of Grid-Connected Rooftop Solar power plant mentioned in MNRE policy dated 26th June, 2014 and amendments time to time for installation & commissioning of rooftop systems.
7. Empanelled project developers have to follow the guidelines of net metering / feed in tariff / separate import export meter / gross metering and safety auto interlocks of concerned

DISCOM. In this context, if any issue arises, the sole responsibility of it lies with the project installer/concerned beneficiary.

8. After commissioning of Grid-Connected Rooftop Solar power plant Empanelled project developers should update online status for physical joint inspection of installed & commissioned systems. Concern MEDA Division Office will inspect the system. After submission of documents as per Annexure 7 by project developer the claims will be processed for release of CFA. Then MEDA will release the CFA to the concerned beneficiary as per availability of fund from MNRE, GoI.
9. If the EoI holder has completed sanction work in all respect then if they want, the EoI holder will be eligible for the next category. However, after completion of work and submission of all requisite documents including commissioning certificate for availing subsidy will be considering as an eligibility of his upgradation. **EoI holder must submit the applicable fees of Rs.5,900/- including 18% GST for category upgradation.** for example: If a EoI holder registered under 'upto 10 kW' category and installed and commissioned more than aggregate 100kW capacity projects then the EoI holder will be eligible for the next category i.e. '>10-100 kWp' category after completion of work and submission of all documents along with fees for availing subsidy. This procedure will be same for '>10-100 kWp' category registered EoI holder.
10. Any changes in CFA pattern by MNRE will be applicable to all project developers.
11. System installer should provide a manual for operational maintenance in two languages i.e. English and Marathi to the beneficiary.
12. Concerned installer will be responsible for commissioning of the entire system and carrying out comprehensive maintenance of the system for the five years after successful commissioning of the system. Also installer will be responsible for submission of documents online for In-principle sanction on GCRT portal and hard copy documents to MEDA after inspection as per Annexure 7.

13. It is responsibility of system installer to give the training to the beneficiary for operational maintenance of the system.
14. It will be sole responsibility of the beneficiary to get the work done from his selected empanelled project developers. The beneficiary has to monitor the system performance and get the system maintained for 5 years after successful commissioning of the system. The beneficiary may enter into an agreement with the concerned project developers for successful implementation and maintenance of the project of 5 years.
15. If MEDA received any complaint from beneficiary pertaining to the technical specification, performance, operation and maintenance, guarantee / warranty, the complaint will be forwarded to the concerned project developer. The project developer should attend the complaint within 15 days and rectify the same. If he fails to sort out the complaint, then MEDA may en-cash his available Security deposit and MEDA reserves the right to conduct necessary enquiry of the matter and de-empanelment the project developer from the empanelment list.
16. MEDA may send 2% of installed systems of each manufacturer/installer for technical evaluation to any MNRE approved centres at their cost.
17. This scheme having target of 50 MW and complete applications will be accepted on 'First come first served' basis.
18. These guidelines are specific to this MNRE, GoI scheme. The Govt. / Semi Govt. / PSUs / Co-operative Departments should follow the guidelines of Govt. purchase policy for the installation and commissioning solar roof-top systems for their use.
19. Under this scheme the last date of completion of sanction projects is 15th May, 2019.
20. The capacity of project and CFA mentioned in In-principle sanction letter are of tentative nature. The actual project capacity and eligible CFA will be finalized after submission of joint inspection report & work done.
21. Project Developers under Category D, have to register their names by paying Rs.29,500/- as one time registration fee. Also, they have submit the Demand Draft or Bank Guarantee of any

nationalized or scheduled bank of Rs.50,000/- till the validity of scheme (refer point no. 15 of this methodology) as a security deposit.

22. The print out of online registration application along with DD as a registration fee and security deposit in form of DD or BG in favour of MEDA, Pune payable at Pune should be submitted to MEDA Head office Pune for registration under category D.
23. After registration, Firstly D category project developers will get the sanction for project capacity up to 10 kWp and then they may upgrade their category as per above point no. 9.
24. It is mandatory to MEDA empanelled manufacturer / project developer / integrator to commission at least one project under this scheme, if he fails to fulfil this condition The DD/BG shall be forfeited/revoked.

Note: For below enclosures please check download section in GCRT portal on MEDA website (www.mahaurja.com).

Enclosed: -

1. Annexure 1: The list of Empanelled project developers.
2. Annexure 2: Checklist for proposal submission
3. Form B: - Project Proposals for Grid Connected Rooftop and Small SPV Power Plants (For the project from 1 kWp & upto 10 kWp).
4. Form C: - Detailed Project Report for Grid Connected Rooftop and Small SPV Power Plants (Capacity above 10 kWp to 500 kWp).
5. Annexure 3: Agreement / Consent / Certificate / Undertaking on Rs.100/- stamp paper regarding CFA from Beneficiary.
6. Annexure 4: Affidavit / Declaration Certificate / Undertaking on Rs.100/- stamp paper regarding specifications from Empanelled project developers.
7. Annexure 5: Bank details of Beneficiary.
8. Annexure 7: Hard copy documents to be submitted by Empanelled project developers for disbursement of CFA after Joint inspection.

9. Technical Specifications.

10. Grid Connected Solar Rooftop and small solar power plant Scheme of MNRE dtd 26/06/2014

11. Grid Connected Rooftop and Small Solar Power Plants Programme - Scaling up of budget from Rs.600 crore during the 12th Five Year Plan to Rs.5000 crore for implementation over a period of five years upto 2019-20 under National Solar Mission (NSM) - 2nd amendment regarding of MNRE. dtd 2/09/2016

12. Guidelines of MNRE for smooth implementation of grid connected solar rooftop projects by SNAs/ Discoms dtd 8/09/2016

13. As per MNRE Sanction order of 50 MW capacity – No. 318/20/2018-GCRT dtd. 15th February, 2018.

14. General Guidelines for the consumers desiring connectivity of Roof-top Solar PV System from MSEDCL *For other utility kindly check respective DISCOM's website.

15. Joint Inspection Report