

**MNRE Phase – II Grid Connected Rooftop Solar Program in AEML
Distribution License Area**

Background

- Ministry of New and Renewable Energy (MNRE), Government of India, has launched Phase-II scheme for promotion of grid-connected roof top solar PV projects in residential and group housing categories. The scheme provides for Central Financial Assistance (CFA) for the household owner and Group Housing Societies to set up RTS on the rooftop of their residence/residential campus.
- Power Distribution Companies have been assigned as the centralized agency for implementation of phase-II of this scheme in their license area and will coordinate with consumers, development partners (vendors) and MNRE. Adani Electricity Mumbai Limited (AEML) through its power distribution arm AEML-D carries out the distribution business in Mumbai with a network span of over 400 Sq. Kms. For AEML consumers in Mumbai license area, AEML is the nodal implementing agency for the MNRE scheme.
- A few important points about this scheme are given below for convenience of the consumers.

Eligible Categories

Categories eligible for participation in the MNRE scheme are as under:

S. No.	Category	Coverage of buildings
1	Residential	All types of residential buildings
2	Group Housing Societies	Group Housing Societies / Residential Welfare Associations (GHS/RWA) etc. for common facilities

As per MNRE phase-II scheme, No CFA will be given for commercial, industrial, institutional, educational, social and government sectors.

Type of Residential Sector	CFA (as percentage of benchmark cost or cost discovered through competitive process whichever is lower)
Residential sector (max. up to 3 kW capacity)	40% of benchmark cost
Residential sector (above 3 kW capacity and up to 10 kW capacity) *	40% up to 3 kW Plus 20% for RTS system above 3 kW and up to 10 kW
Group Housing Societies/Residential Welfare Associations (GHS/RWA) etc. for common facilities up to 500 kWp (@10 kWp per house), with the upper limit being inclusive of individual rooftop plants already installed by individual residents in that GHS/RWA at the time of installations of RTS for common activity.	20%

* The residential sector users may install RTS plant of even higher capacity as provisioned by respective State electricity regulations; however, the CFA will be limited up to 10kWp capacity of RTS plant. For calculation of CFA, the PV plant capacity will be inverter capacity or the PV module capacity, whichever is lower. For availing CFA, the PV module and cell shall be manufactured in India only. CFA shall be on benchmark cost of MNRE for the State or lowest cost discovered through competitive bidding process, whichever is lower. The CFA given by MNRE shall be as per the above-mentioned table.

Empaneled Vendors and Benchmark Discovered Cost

- Following the MNRE guidelines for the scheme, AEML floated a tender for empanelment of vendors/agencies for supply, installation, testing & commissioning of RTS system in residential premises as well as to discover the benchmark cost per kw.
- The rooftop system capacity-wise discovered cost discovered is as follows:

S. No.	MNRE Category	Capacity	Unit Cost (Rs /kWp)
1	Part – C	>2 to 3 kWp	56927
2	Part – D	>3 to 10 kWp	40,950
3	Part – E	>10 to 100 kWp	38,150
4	Part – F	>100 to 500 kWp	35,900

**Note: CFA shall be on benchmark cost of MNRE for the State or lowest cost discovered through competitive bidding process, whichever is lower.*

- Above Prices are inclusive of total system cost including Photo-Voltaic solar modules, inverters, balance of systems including cables, Switches/Circuit Breakers /Connectors/ Junction Boxes, mounting structure, earthing, lightening arrester, local connectivity cost, cost of civil works, foundations etc. and its installation, commissioning, transportation, insurance, comprehensive maintenance charges for five years, other applicable fees and taxes if any (excluding GST) etc.
- The above-mentioned discovered costs are excluding net metering cost and battery back-up costs.

List of Capacity wise Empaneled Vendors under the scheme is as follows:

Empaneled Vendor List for Rooftop Solar Capacity Range: >2 kWp up to 3 kWp					
S. No.	Vendor Name	Address	Name of Official	Contact No.	Email ID
1	SILRES Energy Solutions Private Limited, Chennai	9 th Floor, Bascon Futura, New No. 10/2 Old No.: 56L, Venkatanarayana Road T.Nagar, Chennai 600017	Priyanka Bhagwan Kafare	8925511432	silres@sunedison.in
Empaneled Vendor List for Rooftop Solar Capacity Range: >3 kWp up to 10 kWp					
S. No.	Vendor Name	Address	Name of Official	Contact No.	Email ID
1	Steelite Engineering Ltd	103, Blackie House, W.H Marg, CST, Mumbai-400001	Samir Shah	9820070449	1) steelitepvt@gmail.com 2) samirmshah@hotmail.com
2	Solgen Greentech LLP	402, Arkade Bhoomi Heights, MG Road Kandivali West, Mumbai, Maharashtra- 400067	Amit Shah	9920288031	amit.shah@solarpv.in
Empaneled Vendor List for Rooftop Solar Capacity Range: >10 kWp up to 100 kWp					
S. No.	Vendor Name	Address	Name of Official	Contact No.	Email ID

1	Vastuta Renewables Pvt. Ltd.	Building no.19, Suraksha, 501, Azad Nagar No.1, Apna Bazaar Road, Andheri West, Mumbai 400053	Jiten Shah	9987748000	1) jiten.shah@vastuta.in 2) info@vastuta.in
2	Solgen Greentech LLP	402, Arkade Bhoomi Heights, MG Road Kandivali West, Mumbai, Maharashtra- 400067	Amit Shah	9920288031	amit.shah@solarpv.in
3	Novus Remedies Pvt Ltd	1st floor A wing, Office No. 103, DLH Junction of Eversun CHSL, J P Road Sahakar Nagar, Andheri WEST, Mumbai Suburban, Maharashtra, 400053	Ashish Saraf	8591527201	infnovus2014@gmail.com

Empaneled Vendor List for Rooftop Solar Capacity Range: >100 kWp up to 500 kWp

S. No.	Vendor Name	Address	Name of Official	Contact No.	Email ID
1	Vastuta Renewables Pvt. Ltd.	Building no.19, Suraksha, 501, Azad Nagar No.1, Apna Bazaar Road, Andheri West, Mumbai 400053	Jiten Shah	9987748000	1) tender@vastuta.in 2) info@vastuta.in
2	Solgen Greentech LLP	402, Arkade Bhoomi Heights, MG Road Kandivali West, Mumbai, Maharashtra- 400067	Amit Shah	9920288031	amit.shah@solarpv.in

Important points:

- Contact person of the empaneled vendors and his contact details are given in the above tables. The consumer may contact them for any enquiry.
- A certain capacity of rooftop PV systems has been allotted by MNRE to AEML for its Mumbai Distribution Area under this scheme.
- Consumers will be given benefit of the scheme on the 'first-come, first - served' basis till the allocated capacity is exhausted.
- At the time of applying for Grid Connectivity, the consumer will have to specify whether he wants to participate in the scheme.
- Consumer will have to avail the service of any of the empaneled vendors as per the list given above for installation, testing & commissioning of RTS system (as per his system capacity). The consumer will also have to specify the name of the vendor whose services he wants to avail at the time of Grid Connectivity application.
- However, MNRE is in the process of further simplification of RTS program under which the residential consumers will have flexibility to get Rooftop Solar Plant installed by themselves or vendor of their choice. Accordingly, MNRE is in the process of setting up National Portal and upon setting up of same, consumers will have choice of installing Rooftop Solar Plant availing either of the option.
- Till the time MNRE sets up National Portal, if the consumer avails the services of any other vendor except those empaneled for installation, testing & commissioning of RTS system, s/he will NOT BE eligible for getting the CFA benefit.
- The consumer will be making payment to the vendors after deducting the eligible CFA amount. The vendor will claim the CFA from AEML.
- AEML is neither giver nor recipient of the CFA and will just act as a channel for providing the MNRE subsidy to the consumer.
- If you have any queries regarding the scheme, please contact us at **19122** or at helpdesk.mumbaielectricity@adani.com with the mention of your AEML Account Number and Contact Details.