

GOVERNMENT OF MANIPUR
SECRETARIAT: POWER DEPARTMENT

NOTIFICATION
Imphal, the 13th June, 2016.

No.70/2/2015-Power(M): In continuation to Government letter Notification No.9/9/2014-S&T(MANIREDA) dated 24/12/2014 the Governor of Manipur is pleased to amend "MANIPUR GRID INTERACTIVE ROOFTOP SOLAR PHOTO VOLTAGE (SPV) POWER POLICY, 2014" in para 1.6, 2.1 to 2.5 as per Annexure enclosed.

By order & in the name off Governor,



(Th. Kirankumar)
Joint Secretary(Power),
Government of Manipur.

Copy to:

1. The Secretary to the Governor, Raj Bhawan, Imphal
2. The Secretary to Hon'ble Chief Minister, Manipur.
3. The Commissioner (Power), Government of Manipur.
4. The Accountant General, Manipur.
5. The Managing Director, MSPCL/MSPDCL, Manipur .
6. The Director (MANIREDA), Manipur.
7. The Director Printing & Stationery, Manipur with 2(two) spares copies for publication in the Manipur Extra-ordinary Gazette. He is requested to make available 15 copies of the said Amendment Order to this Government. Related bills may be sent to the Director, MANIREDA.
8. Website Manager, Department of Information Technology, 4th Floor, West Block, New Secretariat.
9. Order book/Guard File.

ANNEXURE to Notification No.70/2/2015-Power dated 13th June, 2016

Para No.	Existing	To be amended as									
1.6	The Ministry of New and Renewable Energy (MNRE) Govt. Of India has been implementing a programme on "Off-grid and Decentralized Solar Applications" from the first phase of the Jawaharlal Nehru National Solar Mission (JNNSM). The programme has been amended time to time and with the recent amendment a programme has been made to connect te small SPV Plants with grid to export excess power ,MNRE may provide one time subsidy upto (30-70)% of the benchmark cost of the cost of the project as follows (current rate): <table border="1"> <thead> <tr> <th>Sl. No.</th><th>Type of Consumer</th><th>Applicable CFA</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Central and State Government Ministries and their organizations (excluding PSU/Corporate Building)/Govt. Educational Institutions/Hospitals/State/Central Govt. Buildings/Municipal Corporation Building/Police /Stations/Police Posts/Vocational Training Centres/ Govt. Hostels etc.</td><td>70% of the MNRE Benchmark cost*.</td></tr> <tr> <td>2.</td><td>Individuals</td><td>30% of the MNRE Benchmark cost.</td></tr> </tbody> </table> The MNRE revise capital subsidy for rooftop solar power plants from time to time, details are available in; www.mnre.gov.in	Sl. No.	Type of Consumer	Applicable CFA	1.	Central and State Government Ministries and their organizations (excluding PSU/Corporate Building)/Govt. Educational Institutions/Hospitals/State/Central Govt. Buildings/Municipal Corporation Building/Police /Stations/Police Posts/Vocational Training Centres/ Govt. Hostels etc.	70% of the MNRE Benchmark cost*.	2.	Individuals	30% of the MNRE Benchmark cost.	The Ministry of New and Renewable Energy (MNRE) Govt. of India is providing Central Financial Assistance(CFA) upto 30% of benchmark cost for all types of residential buildings for General Category States and upto 70% for North Eastern States. Similar CFA is also available for schools, health institutions including medical colleges & hospitals, universities, educational institutions and other Social Sectors such as welfare homes, NGOs, training institutes, orphanages etc. No CFA is applicable for Government/PSU buildings, Government Institutions, Private/Commercial/Industrial buildings. - The MNRE revise Central Financial Assistance(CFA) for rooftop solar power plants from time to time, details are available in; www.mnre.gov.in. - CFA shall be applicable as per norms of the Ministry.
Sl. No.	Type of Consumer	Applicable CFA									
1.	Central and State Government Ministries and their organizations (excluding PSU/Corporate Building)/Govt. Educational Institutions/Hospitals/State/Central Govt. Buildings/Municipal Corporation Building/Police /Stations/Police Posts/Vocational Training Centres/ Govt. Hostels etc.	70% of the MNRE Benchmark cost*.									
2.	Individuals	30% of the MNRE Benchmark cost.									
2.1	'New Clause Addition'	Subject to limits and other terms and conditions specified in the policy, the eligible consumers of the distribution licensee shall be entitled to install solar rooftop projects either under gross metering arrangement or net metering arrangement Provided that eligible consumer availing net metering shall not be allowed to apply for gross metering with same premises.									

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2.2	Tariff system: The feed in tariff for the power generated from solar power plant will be decided by JERC in such a manner that it provides safeguards to all stakeholders including DISCOMs. The availability of electricity grid near solar installation is an essential component which needs to be provided by the concerned agencies i.e. MSPDCL or MSPCL as the case may be	Tariff system: The feed in tariff for the power generated from solar power plant will be decided by JERC in such a manner that it provides safeguards to all stakeholders including DISCOMs. Such tariff will be applicable for the electricity exported into the grid; whether under net metering framework (i.e. surplus export after self consumption at the end of annual settlement period, i.e. financial year end) or gross metering framework. The availability of electricity grid near solar installation is an essential component which needs to be provided by the concerned agencies i.e. MSPDCL or MSPCL as the case may be.
2.3	Metering System: Net metering facility will be implemented for the consumers of MSPDCL who intend to encourage solar green energy and set up solar PV plants at available places on roof-top. Individual households, industries, offices, commercial establishments, institutions, residential complexes etc. will be eligible for project capacity of minimum 1 KW upto a maximum of 500 KW with/without battery back-up support. Consumers will generate solar power for self consumption and can feed excess power into the grid through a bi-directional export and import of power separately. All the equipment to be installed like solar PV panels, inverters, synchronizer, MPPT, batteries, transformers, cables, junction boxes etc. shall be as per specified Indian/IEC standards. MSPDCL shall install/seal tested bi-directional (export & import) or separate export & import energy meters for all Solar PV projects. However, the same could be purchased by the Plant owner or provided by the MSPDCL at pre-notified rates. The meters should be as per CEA and BIS specifications only.	Metering System: Net and Gross metering facility will be implemented for the consumers of MSPDCL who intend to encourage solar green energy and set up solar PV plants at available places on roof-top. Individual households, industries, offices, commercial establishments, institutions, residential complexes etc. will be eligible for project capacity of minimum 1 KW upto a maximum of 500 KW with/without battery back-up support. All the equipment to be installed like solar PV panels, inverters, synchronizer, MPPT, batteries, transformers, cables, junction boxes etc. shall be as per specified Indian/IEC standards. MSPDCL shall install/seal tested bi-directional (export & import) or separate export & import energy meters for all Solar PV projects. However, the same could be purchased by the Plant owner or provided by the MSPDCL at pre-notified rates. The meters should be as per CEA and BIS specifications only.



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2.4	Capacity: The electricity generated by the rooftop solar system of an eligible consumer shall not be more than 80% of the electricity consumption by the consumer at the end of the settlement period. Provided that such injection of the above mentioned eligible consumer shall be settled only as per net metering arrangement at the end of each year. Provided further that in the event the electricity generated exceeds 80% of the electricity consumed at the end of the settlement period, no. payment shall be made by the distribution licensee and shall not be carried forward to next year and the same shall be treated as unwanted/inadvertent injunction. Provided also that at the beginning of each year, cumulative carried over injected electricity will be rest to zero.	Capacity: The maximum capacity of the Rooftop Top Solar PV system shall not be more than sanctioned connected load or contract demand in case the consumer applies under net metering framework (subject to maximum of 500 kW) while there will be no such capacity restriction under the gross metering framework (subject to maximum of 500 kW)
2.5	Eligibility and Targets under the scheme: The policy aims to utilize the existing roof space of buildings for the roof-top SPV systems to replace DG gensets installed for minimum load requirement for operation during load shedding. It also aims to harness the available potential for generating solar power using unutilized space, along with promotion of green and clean power to reduce the dependence on conventional source of energy. All the individuals, residential/commercial/Govt./Semi-Govt. building owners, Industrial units are eligible to set up Rooftop Solar Power Plant within the prescribed capacity limit. Eligible project capacity limit under the scheme will be from 1 KW upto 500 KW. The total capacity of 5 MW is targeted to be covered during to be covered during 12th Plan period for which a formal proposal was already been submitted to the MNRE, GoI. Actual target will be subject to allocated target by the Ministry.	Eligibility and Targets under the scheme : The policy aims to utilize the existing roof space of buildings for the roof-top SPV systems to replace DG gensets installed for minimum load requirement for operation during load shedding. It also aims to harness the available potential for generating solar power using unutilized space, along with promotion of green and clean power to reduce the dependence on conventional source of energy. All the individuals, residential/commercial/Govt./Semi-Govt. building owners, Industrial units are eligible to set up Rooftop Solar Power Plant within the prescribed capacity limit. Eligible project capacity limit under the scheme will be from 1 KW upto 500 KW. A total capacity of 50 MW is targeted to be covered by the year 2022, out of which capacity under net metering shall be 30MW and under gross metering 20 MW on first come first serve basis. Actual target will be subject to sanctioned capacity by the Ministry (MNRE).

