

No. 283/54/2018-GRID SOLAR

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

ब्लॉक संख्या 14, केंद्रीय कार्यालय परिसर,

लोदी रोड, नई दिल्ली - 110003

Block No. 14, C.G.O. Complex,
Lodi Road, New Delhi - 110003

Date: 2nd January, 2019

OFFICE MEMORANDUM

Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019

1. The Ministry of New & Renewable Energy has issued "Solar Photovoltaics, Systems, Devices and Components Goods (Requirements for Compulsory Registration) Order, 2017" vide Government of India Gazette Notification No. 2561 dated 5th September, 2017.
2. The above referred order of this Ministry, and amendments thereof, had been issued, inter-alia, with a view to ensure quality of solar cells, solar modules, used in solar PV power plants, by way of compliance of solar PV cells & modules with the applicable standards and testing requirements. However, since solar PV power installations are set up for a period of 25 years and solar PV cells and modules used in plants require long term warranty, it is desirable to ensure that such products are indeed made in units in which production has been claimed. It is possible that some units may claim production of solar cells & modules produced or made elsewhere. The reliability of producer is essential to protect the consumer interests and ensure larger energy security of the Country.
3. Accordingly, the Ministry of New and Renewable Energy (MNRE) has decided to enlist the eligible models and manufacturers of solar PV cells and modules complying with the BIS Standards and publish the same in a list called the "Approved List of Models and Manufacturers" (ALMM). Only the models and manufacturers included in this list will be eligible for use in Government/ Government assisted Projects/ Projects under Government Schemes & Programmes, installed in the country, including Projects set-up for sale of electricity to Government under "Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects dated 3rd Aug' 2017 and the amendments thereof". The word "Government" shall include Central Government, State Governments, Central Public Sector Enterprises, State Public Sector Enterprises and, Central and State Organisations/ Autonomous bodies.
4. ALMM shall consist of LIST-I, specifying models and manufacturers of Solar PV Modules and LIST-II, specifying models and manufacturers of Solar PV Cells. The effective dates for operationalizing of these Lists would be as follows:

LIST DETAILS	EFFECTIVE DATE FOR IMPLEMENTATION
LIST-I, Solar PV Modules	31st March' 2020
LIST-II, Solar Cells	31st March' 2020



After the effective date, all projects falling under the purview of Paragraph 3 above shall have to source their modules from models and manufacturers included in LIST-I. Further, for deployment of modules after the effective date in projects covered under para (3) above, the Solar PV Module manufacturers enlisted in List-I have to mandatorily source Solar Cells from the manufacturers enlisted in LIST-II. All projects for which bids have been finalised before the issuance of this order shall stand exempted from the mandatory requirement of procurement of cells and modules enlisted in the ALMM order. All projects that would be bid-out, henceforth, following "Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects", shall have a clause in their RfS that the cells and modules used in such projects shall be from the models and manufacturers included in ALMM list. However, in order to allow smooth transition, such projects where the bids *have not been* finalised before the issuance of this order, will be permitted to procure outside the ALMM LIST-I till 31st March'2020. In case of procurement from within India, the date of procurement shall mean the date of dispatch while in case of procurement from outside India, the date of procurement shall mean the date of filing of bill of entry with Indian Customs.

5. The provisions of Department of Industrial Policy and Promotion's (DIPP's) "*Public Procurement (Preference to Make in India), Order 2017*", dated 15th June, 2017 ; and the Ministry of New & Renewable Energy's (MNRE's) "*Implementation of Public Procurement (Preference to Make in India) Order for Renewable Energy sector*", dated 11th December, 2018 shall also be applicable wherever the procurement is by a "*Procuring Entity*" as defined in the DIPP's Order dated 15th June, 2017. In all such cases, not only the domestic content requirement contained in these Orders shall be followed, but also the modules shall be sourced from models and manufacturers included in LIST-I of ALMM.
6. For being eligible to be included in the List-I, the manufacturers should first get the BIS registration/ certification, as applicable, under the "*Solar Photovoltaics, Systems, Devices and Components Goods (Requirements for Compulsory Registration) Order, 2017*", or any amendment thereof, or any order issued in supersession of this order, for each model. Such enlistment shall be valid for a period of two years and can be further renewed on submission of necessary documentary evidence for the continued satisfactory performance of their products.
7. Before inclusion in the ALMM list, a team of Ministry of New and Renewable Energy shall conduct an inspection of the manufacturing facility of the manufacturers whose models have been registered/certified by BIS as per the "*Solar Photovoltaics, Systems, Devices and Components Goods (Requirements for Compulsory Registration) Order, 2017*", or any amendment thereof, or any order issued in supersession of this order. During the inspection, the team shall conduct the production and sale audit of the company to ensure that the solar cells and modules being supplied are indeed made in the unit.
8. The Ministry will be empowered to conduct the said audit at any time in order to check any complaint. The models and manufacturers shall be enlisted in ALMM for a period of two years by an order of the Ministry of New and Renewable Energy after it is satisfied that such models meet the prescribed standard and the manufacturer has sufficient capacity to manufacture them based on facility inspection.
9. The models and the manufacturers so enlisted, shall be subjected to random quality/tests, including inspection of manufacturing premises and in case of any failure or non-compliance by the enlisted manufacturer, they shall be removed from the Approved List of Models and Manufacturers (ALMM).



10. The present instructions apply to all solar PV cells and modules being manufactured under any technology.
11. Following procedure shall be followed while enlisting the manufacturers of solar PV cells and modules:
 - a. While applying, the Applicant manufacturers have to submit, apart from applicable fee prescribed by MNRE from time to time, documentary evidence of their financial and physical manufacturing capabilities, ranging over the previous three years, or the period of existence of such units, whichever is less. The evidence would include the details of purchase of raw materials, production & sales details, profit & loss account, statement of assets & liabilities etc.
 - b. As a measure of facilitation, wherever such details as required at (a) above, are also required to be submitted as statutory requirements under different laws/regulations in the Country (eg. Company's Act, Income Tax Act, GST Act etc.), and are already being subjected to scrutiny, such documentary evidence may be taken as sufficient for the purpose of preliminary assessment.
 - c. Wherever such details, as required at (a) above, are not being submitted as statutory requirements under different laws/regulations in the Country, or that these units are operating beyond the jurisdiction of Indian Laws, where necessary documentary evidence may not be available for the purpose of preliminary assessment, in all such cases, the applicant's unit(s) shall be first subjected to preliminary inspection by MNRE or any agency authorised by MNRE, for this purpose.
 - d. After satisfactory verification of the physical establishment and operations of the unit, the applicant shall be required to submit details, on monthly basis, for the next one year, of purchase of raw materials, production & sale of finished goods, bank statement(s) reflecting such transactions of sale and purchase, satisfactory performance recommendation certificate(s) from their buyer(s) and also solvency certificate from their banks.
 - e. All such units where the preliminary assessment has been done, and where it is found that there are no major operational issues or performance related defaults, the units shall qualify for site inspection.
 - f. The manufacturers, willing for enlistment, shall apply for the same in the prescribed Application Format. Separate applications to be submitted for each model.
 - g. The following certified documents/ information, duly signed by Authorised Signatory, shall be provided with the Application:
 - i. Copy of Certificate of Incorporation.
 - ii. Document authorising the Signatory to sign the Application.
 - iii. Copy of BIS registration/ certification, as applicable.
 - iv. Copy of Certificates declaring Standards from Accredited Labs of BIS.
 - v. Affidavit and Indemnity Bond in the prescribed format signed by Authorised Signatory and attested by Judicial Magistrate or Executive Magistrate or Notary Public.



- h. The Approved List of Models and Manufacturers (ALMM) will be uploaded on the MNRE website and will be quarterly updated.
- i. Such enlistment shall be valid for a period of two years and can be further renewed on submission of necessary documentary evidence, along with applicable fee, for the continued satisfactory performance of their products, as mentioned at 10(a) above. Wherever, such details, as required at S. No. 11(a) above, are not being submitted as statutory requirements under different laws/regulations in the country, or that these units are operating beyond the jurisdiction of Indian Laws, the renewal of enlistment would be subject to the site inspection of the applicant unit.
- j. The Applications for inclusion/ renewal in ALMM, along with all required documents should be submitted to:

Shri Sanjay Karndhar,
Scientist-C
Grid Solar Power Division
Ministry of New & Renewable Energy
Block no. 14, CGO Complex, Lodhi Road, New Delhi-110003



(Sanjay Karndhar)
Scientist-C

To: All Concerned

Copy to: Director (Technical), MNRE, for uploading on MNRE Website

F. No. 283/54/2018-GRID SOLAR – Part(1)

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Block No. 14, C.G.O. Complex,
Lodhi Road, New Delhi – 110003.

Dated: 2nd February, 2021.

OFFICE MEMORANDUM

Subject: Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 – Amendment – Reg.

The undersigned is directed to refer to this Ministry's OM dated 02.01.2019 regarding the Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019, wherein, specified solar power projects are mandated to procure Solar PV Modules and Cells enlisted under ALMM. In this context, it is to mention that in order to improve the reliability and minimize the variability of Solar power plants, new kind RE plants i.e. Wind – Solar Hybrid plants, RTC RE plant, Peak RE Plant etc are being introduced and guidelines were issued for development of these projects. In order mandate the solar power projects under these new instruments, it is proposed to amend the ALMM order dated 02.01.2019. In line with this, the para 3 of above order:

'Accordingly, the Ministry of New and Renewable Energy (MNRE) has decided to enlist the eligible models and manufacturers of Solar PV Cells and Modules complying with the BIS Standards and publish the same in a list called the "Approved List of Models and Manufacturers" (ALMM). Only the models and manufacturers included in this list will be eligible for use in Government / Government assisted Projects / Projects under Government schemes & Programmes, installed in the country, including Projects set up for sale of electricity to Government under "Guidelines for Tariff Based Competitive Bidding process for Procurement of Power from Grid Connected Solar PV projects dated 3rd August, 2017 and amendment thereof". The word "Government" shall include Central Government, State Government, Central Public Sector Enterprises, State Public Sector Enterprises and, Central and State Organizations / Autonomous bodies.'

S. Sumra
02/02/2021

may be read as under:

'Accordingly, the Ministry of New and Renewable Energy (MNRE) has decided to enlist the eligible models and manufacturers of Solar PV Cells and Modules complying with the BIS Standards and publish the same in a list called the "Approved List of Models and Manufacturers" (ALMM). Only the models and manufacturers included in this list will be eligible for use in Government / Government assisted Projects / Projects under Government schemes & Programmes, installed in the country, including Projects set up for sale of electricity to Government under the Guidelines issued by Central Government under section 63 of Electricity Act, 2003 and amendment thereof. The word "Government" shall include Central Government, State Government, Central Public Sector Enterprises, State Public Sector Enterprises and, Central and State Organizations / Autonomous bodies.'

2. Further, ALMM Order, in respect of List – I (Modules) or List – II (Cells) shall be applicable only on the projects for which the bids are issued after one month of publication of such List.

3. To bring contractual clarity, the Bidding Agencies shall take an explicit declaration from the Bidders that they are aware of binding provisions of ALMM Order and the List(s) thereunder while quoting tariff in that bid.

4. This issues with the approval of Hon'ble Minister (Power & NRE).

S. Suman
02/02/2024
(Shiva Suman)
Dy. Director

Tel: 011 – 24369788
e-mail : shivvasuman@nic.in

To: All Concerned

CC: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

No. 299/54/2019-GRID SOLAR-P&U2)

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा विभाग / Ministry of New & Renewable Energy (NRE)

विद्युत और ऊर्जा विभाग / Solar Power Division

भवन नं. 10, एन.टी.ओ. कॉम्प्लेक्स,
लॉक रोड, नई दिल्ली - 110002

दिनांक: 13th January, 2022

OFFICE MEMORANDUM

Sub: Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement under Government Regulated or) Order, 2016; Amendment - 1/2021

Ref:

1. NRE's O.M. No. 299/54/2019-GRID SOLAR dated 31st January, 2019 re: Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Government Regulated Order, 2016); and
1. Amendment to Order no. (i) stands vide NRE's O.M. No. 299/54/2019-GRID SOLAR Part; dated 18th February, 2021.

1. Details of the subject Order, its details as modified as under:

Existing Provision	Amended Provision
<p>Accordingly, the Ministry of New and Renewable Energy (MNRE) has decided to invite the system integrator and manufacturers of solar PV cells and modules, respectively, who are not registered and listed in the list of Manufacturers (ALMM) for the models and manufacturers operating in the solar PV market for use in Government Government assisted Projects/Project under Government Assisted, Renewal, Renewal & Programme, started or the newly started, under the use of electricity to Government under the provisions of the Government under section 10 of Electricity Act, 2003 and amendment thereof. The word "Government" also covers Central Government, State Governments, Central Public Sector Enterprises, State Public Sector Enterprises and Public Sector Enterprises and Central and State Organisations/Autonomous Bodies."</p>	<p>Accordingly, the Ministry of New and Renewable Energy (MNRE) has decided to invite the system integrator and manufacturers of solar PV cells and modules, respectively, who are not registered and listed in the list of Manufacturers (ALMM). Only the system integrator and manufacturers operating in the solar PV market for use in Government Government assisted Projects/Project under Government Assisted, Renewal, Renewal & Programme, started or the newly started, under the use of electricity to Government under the provisions of the Government under section 10 of Electricity Act, 2003 and amendment thereof. The word "Government" also covers Central Government, State Governments, Central Public Sector Enterprises, State Public Sector Enterprises and Central and State Organisations/Autonomous Bodies."</p>

2. It is also clarified that the system integrator & Regulated referred above include projects set up under Component C of PM KUSUM Scheme.

3. The above amendment shall be applicable on RE projects which apply for open access or net-metering facility from 1st April, 2021.

4. This issues with the approval of Hon'ble Minister (NRE & Power)



(Ranjay S. Kamthkar)

Secretary

Tel: 011-24383403 Email: kamthkar@nic.in

To: All concerned

Subject: Director (Technical), NRE, for application to NRE. (NRE)

No. 25054/2018-OR/D SOLAR-Par(2)

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय Ministry of New & Renewable Energy (MNRE)

नई दिल्ली, भारत / New Delhi, India Power Division

Block No. 14, C.O.O. Complex,

Lodi Road, New Delhi - 110001

Dated: 29th March, 2022

OFFICE MEMORANDUM

Sub: Approval, Module and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2018; Amendment - new

Ref:

1. Ministry of New & Renewable Energy's O.M. No. 25054/2018-OR/D SOLAR dated 2nd January, 2018 reg. Approval, Module and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2018;

2. Amendment to Order no. (1) above vide MNRE's O.M. No. 25054/2018-OR/D SOLAR-Par(1) dated 2nd February, 2021; and

3. Amendment to Order no. (1) above vide MNRE's O.M. No. 25054/2021-OR/D SOLAR-Par(2) dated 18th January, 2022 (copy enclosed)

4. Para 3 of the amendment dated 18th January, 2022 vide O.M. No. (1) above stands modified as under:

Existing Provision	Amended Provision
The above amendment shall be applicable on RE projects which apply for open access or retakeing facility from 1 st April 2022.	The amendment along with above shall be applicable on renewable energy projects which apply for open access or retakeing facility, from after 1 st October, 2022.

2. The provision shall be approved by Hon'ble Minister (NRE & Power)

(Ranjay G. Kamdhari)

Secretary

Tel: 011-24952450.

E-mail: kamdhari.rg@nic.in

To: All concerned

Copy to Director (Technical), NRE, MNRE, and website of MNRE Website

No: 283/54/2018-GRID SOLAR-Part(5)

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy (MNRE)
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003

Dated: 7th October, 2022

OFFICE MEMORANDUM

Sub: Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019: Clarification - reg.

Ref:

- i. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 2nd January, 2019 reg. Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019;
- ii. Amendment to Order at (i) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 2nd February, 2021;
- iii. Amendment to Order at (i) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(2) dated 13th January, 2022;
- iv. Amendment to Order at (i) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(2) dated 28th March, 2022;

MNRE decided to enlist the eligible models and manufacturers of solar PV Cells & Modules complying with BIS standards and publish the same under 'Approved List of Models and Manufacturers' (ALMM) of solar PV modules / cells and accordingly, issued an order "Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019" (ALMM Order) on 02.01.2019, referred at (i) above.

2. ALMM Order dated 02.01.2019 referred at (i) above, including amendment dated 02.02.2021 referred at (ii) above, inter-alia, provided as follows:

"Only the models and manufacturers included in this list will be eligible for use in Government / Government assisted Projects / Projects under Government Schemes & Programmes, installed in the country, including Projects set up for sale of electricity to Government under the Guidelines issued by Central Government under section 63 of Electricity Act, 2003 and amendment thereof. The word "Government" shall include Central Government, State Government, Central Public Sector Enterprises, State Public Sector Enterprises and, Central and State Organizations / Autonomous bodies."



3. Vide MNRE's O.M. dated 13.01.2022 referred at (iii) above, the ALMM Order was further amended to include "*net-metering*" and "*open-access*" projects and it was conveyed that the amendment (dated 13.01.2022) shall be applicable on RE projects which apply for open access or net-metering facility from 1st April, 2022. Subsequently, vide O.M. dated 28.03.2022 referred at (iv) above, the date was extended from 1st April, 2022 to 1st October, 2022.

4. Representations have been received in MNRE for further clarity on MNRE's O.M.s referred at (iii) and (iv) above. The matter has been examined. Since the procedures for grant of open access and net metering vary across states, it is clarified that:

(a). The amendment referred at (iii) read with amendment referred at (iv) above, **shall not be applicable for open access and net-metering renewable energy projects where the First Application**, for grant of:

- In-principle approval; or
- No Objection Certificate (NOC); or
- Government Order; or
- any other such approvals as may be required for open access and net-metering of the renewable energy projects

as per the provisions of respective State/ UT Policy or as per the rules and regulations of respective Electricity Regulatory Commission, has been made before 1st October 2022, to any of the relevant entities viz. Distribution licensee(s) / State Transmission Utility (STU)/ State Load Despatch Centre (SLDC) / State Nodal Agency for Renewable Energy / (Power/ Energy / Renewable Energy Department of the State/ UT).

(b). It is further clarified that the amendment referred at (iii) read with amendment referred at (iv) above, shall not be applicable to behind-the meter solar power plants solely used for captive consumption by a consumer or group of consumers.

5. This issues with the approval of competent authority.



(Sanjay G. Karndhar)
Scientist-D

Email: karndhar.sg@nic.in

To: All concerned

Copy to: Director (Technical), NIC, MNRE, for uploading on MNRE Website

No. 202/10/2023-GRID SOLAR

भारत सरकार • Government of India

नवीन, नवीकरणीय ऊर्जा विभाग Ministry of New & Renewable Energy (MNRE)

ग्रीड सोलर ऊर्जा (Grid Solar Power Division)

Ministry Emp. Bldg.,

Lodhi Road, New Delhi - 110002

Date: 10th March, 2023

OFFICE MEMORANDUM

Sub: Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2018: Amendment - Reg.

Ref:

- i. MNRE's O.M. No. 200/34/2018-GRID SOLAR dated 2nd January, 2018 reg. Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2018; etc
- ii. Amendment to Order sl (i) above vide MNRE's O.M. No. 260/54/2018-GRID SOLAR Part(1) dated 2nd February, 2021.
- iii. Amendment to Order sl (i) above vide MNRE's O.M. No. 260/54/2018-GRID SOLAR Part(2) dated 18th January, 2022.
- iv. Amendment to Order sl (i) above vide MNRE's O.M. No. 260/54/2018-GRID SOLAR Part(3) dated 28th March, 2022.
- v. Clarification to Order sl (i) above vide MNRE's O.M. No. 260/54/2018-GRID SOLAR Part(5) dated 07th October, 2022.

With reference to the Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2018 and subsequent amendments and in view of the fact that the undersigned is directed to ensure that subject Order is strictly held in abeyance for one financial year, i.e. FY 2023-24. The Projects commissioned by 31.03.2024 will be executed from the primary of procuring solar PV modules from ALPV.

2. This stands in line with the approval of Hon'ble Minister (NRE & Power).

(Sanjay G. Kamidhar)
Scientist-D
Circular no. 16023/01

To:

All concerned

Copy to:

Director (Circulars), D.O., MNRE, for uploading on MNRE Website

No. 283/22/2023-GRID SOLAR/Pt.

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy (MNRE)

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi – 110003

Dated: 10th May, 2023

OFFICE MEMORANDUM

Sub: Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019: Amendment - reg.

Ref:

- i. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 2nd January, 2019 reg. Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019; and
- ii. Amendment to Order at (i) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 2nd February, 2021;
- iii. Amendment to Order at (i) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(2) dated 13th January, 2022;
- iv. Amendment to Order at (i) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(2) dated 28th March, 2022;
- v. Clarification to Order at (i) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(5) dated 07th October, 2022;
- vi. Amendment to Order at (i) above vide MNRE's O.M. No. 283/16/2023-GRID SOLAR dated 10th March, 2023.

- vii. MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 28th March, 2019 reg. Guidelines for enlistment under "Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019; and
- viii. Amendment to Guidelines at (vii) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR dated 12th June, 2019;
- ix. Amendment to Guidelines at (vii) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR(i) dated 06th February, 2020;
- x. Clarifications to Guidelines at (vii) above vide No. 283/54/2018-GRID SOLAR(ii) dated 06th February, 2020;
- xi. Amendment to Guidelines at (vii) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 02nd February, 2021;
- xii. Amendment to Guidelines at (vii) above vide MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(6) dated 22nd March, 2023.

1. With reference to the Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019 and subsequent amendments & Clarification thereto and Guidelines for enlistment under the said Order, the undersigned is directed to convey that the subject Order and the Guidelines for enlistment thereto are hereby amended as follows:

1.1. Application and Inspection Fees:

1.1.1 Application Fees:

- a) For PV module/ cell manufacturers having total installed production capacity less than or equal to 50 MW per year, the application fee for first model of module /cell shall be Rs. 500/- per MW of the total installed production capacity for solar PV modules/ cell, of the applicant.
- b) For PV module/ cell manufacturers having total installed production capacity greater than 50 MW per year, the application fee for first model of module /cell shall be Rs. 1,000/- per MW of the total installed production capacity for solar PV modules/ cell, of the applicant.



- c) In case the application consists of multiple models, the application fee shall be as per paragraphs 1.1.1 (a) & (b) above for first model and additional 1% of this for every additional model.
- d) In case, an applicant is already enlisted, for a particular model of solar PV module/cell and applies for enlistment of additional model of Solar PV module/cell, then the application fee for such additional model shall be 10% of the prevailing normal application fee. However, if in such subsequent application, there are multiple models, then the fees shall be 10% of application fee for initial enlistment in ALMM for first model and 1% of application fee for initial enlistment in ALMM for every additional model. However, the enlistment of additional models shall not have any effect on the validity of original enlistment/renewal thereof. The validity of enlistment shall expire on the same date for all the models of an applicant.

Production capacity	For initial / first enlistment				For addition of models by manufacturers already enlisted in ALMM			
	Earlier		Now		Earlier		Now	
	For first model	For other models (1% of application fee for every additional model)	For first model	For other models (1% of application fee for every additional model)	For first model (10% of application fee for initial enlistment in ALMM)	For other models (1% of application fee for initial enlistment in ALMM)	For first model (10% of application fee for initial enlistment in ALMM)	For other models (1% of application fee for initial enlistment in ALMM)
Up to 50 MW /year	Rs. 2,500/- per MW	Rs. 25/- per MW	Rs. 500/- per MW	Rs. 5/- per MW	Rs. 250/- per MW	Rs. 25/- per MW	Rs. 50/- per MW	Rs. 5/- per MW
More than 50 MW /year	Rs. 5,000/- per MW	Rs. 50/- per MW	Rs. 1,000/- per MW	Rs. 10/- per MW	Rs. 500/- per MW	Rs. 50/- per MW	Rs. 100/- per MW	Rs. 10/- per MW

1.1.2 Inspection fees:

- a) The Quantum of Inspection Fees, for each inspection, shall be as follows:

Location of manufacturing site	For initial / first enlistment				For addition of models by manufacturers already enlisted in ALMM			
	Earlier		Now		Earlier		Now	
	Production capacity (MW/year)	Inspection fee (Rs.)	Production capacity (MW/year)	Inspection fee (Rs.)	Production capacity (MW/year)	Inspection fee (Rs.)	Production capacity (MW/year)	Inspection fee (Rs.)
Manufacturing situated in SAARC (South Asian Association for Regional Cooperation) countries	Up to 50 MW	2.5 lakhs	Up to 100 MW	1.5 lakhs	Up to 50 MW	1.25 lakhs	Up to 100 MW	0.75 lakhs
	More than 50 MW & up to 100 MW	5 lakhs			More than 50 MW & up to 100 MW	2.5 lakhs		
	More than 100 MW & up to 250 MW	10 lakhs	More than 100 MW & up to 500 MW	5 lakhs	More than 100 MW & up to 250 MW	5 lakhs	More than 100 MW & up to 500 MW	2.5 lakhs
	More than 250 MW	15 lakhs			More than 250 MW	7.5 lakhs		
Manufacturing situated in non SAARC countries	For all capacities	30 lakhs	For all capacities	30 lakhs	For all capacities	15 lakhs	For all capacities	15 lakhs

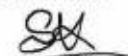
- b) In cases where the application for addition of models is for models which are similar in technology, process and use majorly same Bill of Materials, as used in the applicant manufacturer's already enlisted model of wattage higher than that of the model proposed to be enlisted through addition of models, factory inspection will not be required and no inspection will have to be paid. But if the wattage of the model proposed to be enlisted is higher than the wattage of already enlisted similar models, factory inspection shall be done.
- 1.1.3** The application and inspection fees as mentioned in para 1.1.1 and 1.1.2 respectively shall be applicable prospectively i.e. only for applications submitted after the issuance of this O.M. In respect of such applications wherein the inspection has already been done, the new reduced rates of application fee and inspection fee will not be applicable and such applications will continue to be governed by earlier rates of application fee as well as inspection fee.
- 1.1.4** However, w.r.t applications received prior to issuance of this O.M. and pending for inspection, the applicant will be allowed to exercise one of the following options:
- a) Withdrawal of the already made application and submission of fresh application wherein the application fee and inspection fee as mentioned in para 1.1.1 and 1.1.2 respectively will be applicable. In respect of the application withdrawn by such applicants, the application fee as well as inspection fee, already paid, will be fully refunded without any interest.

OR

- b) Opting not to withdraw the application already made. In this case, the new reduced rates of application fee and inspection fee will not be applicable and such applications will continue to be governed by earlier rates of application fee as well as inspection fee.
- 1.1.5** For applications submitted after the issuance of this O.M., if the applicant applies for withdrawal of the application:
- a) Applicant shall be permitted to withdraw its application, provided the inspection has not been done. However, 10% of the application fees shall be deducted and the remaining fees (90% of application fee and 100% of inspection fee if paid) without interest may be refunded to the applicant.
- b) In case the inspection has been completed and the applicant wishes to withdraw its application, then Applicant shall be permitted to withdraw its application, however, no fees (application and inspection) shall be refunded to the applicant.

1.2. Provisional ALMM enlistment:

- 1.2.1** For manufacturers already enlisted in ALMM, a provisional ALMM enlistment will be granted, within 7 days of receipt of BIS registration (subject to submission of requisite documents and payment of fee; if all requisite documents are given & applicable application fee and inspection fee are paid).
- 1.2.2** Factory inspection & final enlistment, w.r.t. aforesaid cases of provisional enlistment will be completed in two months from the receipt of application, failing which the provisional enlistment would be deemed to be final enlistment. All deemed enlistments to be examined and NISE to submit a report on all such cases to MNRE explaining the reasons for non-completion of inspection and other procedures within two months.
- 1.3.** All future applications for ALMM enlistment should be accompanied by a scanned copy of the application sent over email to the DS/ Director/ Scientist-D/E/F level officer dealing with ALMM in MNRE, and such scanned copies of applications received over email will be forwarded by email to NISE within maximum two working days. Hard copies will also



be sent to NISE, however, NISE may start processing the applications based on the scanned copy of application forwarded by MNRE to NISE.

1.4. Validity of Enlistment under ALMM:

1.4.1 The enlistment under ALMM shall be valid for a period of four years from the date of enlistment and can be renewed thereafter following the procedure laid down by the Government.

1.5. Minimum Module Efficiency Thresholds for Enlistment under ALMM:

1.5.1 Only such models of Solar PV Module Manufacturers, will be eligible for enlistment under ALMM, which complies with the BIS Standards and are having the following minimum module efficiency:

Category	Application/ Use	Minimum Module Efficiency required to be eligible for enlistment under ALMM
Category I	Utility / Grid Scale Power Plants	20.0%
Category II	Rooftop and Solar Pumping	19.5%
Category III	Solar Lighting	19.0%

1.5.2 Such models of Solar PV Module Manufacturers which are already enlisted under ALMM and are having efficiencies less than the aforesaid minimum thresholds, shall be delisted from ALMM list in two years (from date of issuance of this O.M.) or date of expiry of validity of such model in ALMM, whichever is earlier. Further, such delisted models shall not be eligible for renewal.

1.6. It is reiterated that the ALMM Order is in abeyance for one financial year, i.e. FY 2023-24.

2. This issues in line with the approval of Hon'ble Minister (NRE & Power).



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To:
All concerned

Copy to:
Director (Technical), NIC, MNRE, for uploading on MNRE Website