

No. 283/54/2018-GRID SOLAR

भारत सरकार / Government of India

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

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: 28th March, 2019

OFFICE MEMORANDUM

Subject:- Guidelines for enlistment under "Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019.

1. Background

- 1.1 The Ministry of New & Renewable Energy has issued Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order (ALMM) dated 2nd January, 2019.
- 1.2 The order provides for LIST-I, specifying models and manufacturers of Solar PV Modules and LIST-II, specifying models and manufacturers of Solar PV Cells.
- 1.3 These Guidelines are being issued to provide procedural framework for the implementation of MNRE's "Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019.
- 1.4 Before inclusion in the ALMM List, a team of Ministry of New and Renewable Energy or any agency authorised for this purpose has to 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 has to examine the production and sale records of the company to ensure that the solar cells and modules being supplied are indeed made in the unit. The inspection team will also ascertain, as far as possible, that there are no contractual violations on part of the applicant in supply of solar PV cells/ modules.

2. Implementation Support Agency

- 2.1 National Institute of Solar Energy (NISE), [Address: Gurgaon - Faridabad Highway, Gwal Pahari, Gurgaon - 122 003, Haryana, India], an autonomous body under Ministry of New & Renewable Energy and the apex national R & D institute in the field of Solar Energy, shall be the Implementation Support Agency, entrusted with processing of applications, carrying out inspections, verifications and quality checks on behalf of MNRE.
- 2.2 All the ALMM related work in NISE shall be dealt by an ALMM CELL in NISE. The ALMM Cell under NISE would be kept at an arms distance to the division in NISE in charge of testing of solar equipment, so as to avoid conflict of interest.



- 2.3 The ALMM related inspections shall be carried out by NISE, and the inspection team may comprise of officials from NISE, MNRE and any other agency as required from time to time.
- 2.4 In case of applicants, where the NISE lab facilities have been used for the purpose of testing of modules, as required under BIS, then in order to avoid any conflict of interest, the inspection team for such modules under ALMM Order, may not have officials from NISE.

3. Application Fees

- 3.1 The application fee for one model of module /cell shall be Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV modules and Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV cells, of the applicant.
- 3.2 The "model" as mentioned in (3.1) above, refers to modules / cells of same nominal power output rating. All BIS approved modules/ cells of the applicant with same nominal power output rating shall be treated as one model.
- 3.3 In case the application consists of multiple models, the application fee shall be as per 3.1 above for one model and additional 10% of this for every additional model.

(eg. If an applicant having total installed manufacturing capacity of solar PV modules as 100MW, applies for enlistment of its 3 different models of modules, the application fee shall be $5,000 \times 100 + 5,000 \times 100 \times 0.1 + 5,000 \times 100 \times 0.1 = \text{Rs. } 6,00,000/-$)

- 3.4 In case, an applicant is already enlisted, for a particular model of solar PV module/cell and applies for enlistment of another model of Solar PV module/cell, then the application fee for such additional models shall be 10% of the prevailing normal application fee. 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.
- 3.5 The application fees can be paid to the account of National Institute of Solar Energy (NISE), in the A/C No., as specified by NISE, by way of NEFT/ RTGS, net-banking or any other permitted modes of online payment.

4. Inspection Fees

- 4.1 In addition to the application fees, the applicant is also required to pay the charges for inspection of the Applicant's premises, by way of an inspection fee, for covering the cost of travel, accommodation and other allowances, as per GOI rules for both domestic and international deputation of the inspection team. The inspection fee shall be payable before the actual inspection, as and when informed by the ALMM Cell to the applicant.
- 4.2 The Quantum of Inspection Fees, for each inspection, shall be as follows:



LOCATION OF MANUFACTURING SITE	INSTALLED CAPACITY (MW)	INSPECTION FEE (Rs.)
For units situated in SAARC (South Asian Association for Regional Cooperation) countries:	Upto 100 MW	5 Lakhs
	More than 100 MW & upto 250 MW	10 Lakhs
	More than 250 MW	15 Lakhs
For units situated in Non SAARC countries	For all capacities	30 Lakhs

- 4.3 In case, the applicant has multiple manufacturing sites, or that the applicant is sourcing his finished product (cells / modules for which the application has been made) from some other manufacturer(s) and selling the same under his own brand name, in all such cases, all the manufacturing sites including the applicant's own manufacturing site(s), shall be subjected to inspection. The inspection fee, for one site shall be as per para 4.2 above and for each additional site, the inspection fee shall be 50% of that mentioned in para 4.2 above for each site, for all such sites in the same country. In case the additional site(s) are in different countries then the inspection fee for such sites shall be as per para 4.2 above, for each site to be inspected.
- 4.4 In cases involving preliminary inspections, the inspection fees, as per 4.2 & 4.3 above, is to be paid separately for preliminary inspection and the final inspection.
- 4.5 The inspection fees can be paid to the account of National Institute of Solar Energy (NISE), in the A/C No., as specified by NISE, by way of NEFT/ RTGS, net-banking or any other permitted modes of online payment.

5. Procedure

- 5.1 The applications for inclusion/ renewal in ALMM have to be submitted to ALMM Cell, Ministry of New & Renewable Energy (MNRE), Block-14, C.G.O. Complex, Lodi Road, New Delhi-110003, INDIA.
- 5.2 While applying, the Applicant manufacturers have to submit, apart from applicable fee, 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.
- 5.3 The applications along with the applicable fees (or the acknowledgement of having paid the applicable fees) and the documents submitted with the application shall be transferred to ALMM cell of the Implementation Support Agency for further processing.
- 5.4 Wherever such details as required at Para 5.2 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.
- 5.5 Wherever such details, as required at Para 5.2 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 the Implementation Support Agency, on payment of necessary inspection charges as stipulated in Para 4 above.

- 5.6 In cases involving preliminary inspection, 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.
- 5.7 All such units where the preliminary assessment has been done, and where it is found that there are no major operational issues, performance related defaults or breach of contractual obligations, the units shall qualify for site inspection. The applicant's unit(s) shall then be subjected to Inspection by the Implementation Support Agency, on payment of necessary inspection charges as stipulated in Para 4 above.
- 5.8 The manufacturers, willing for enlistment, shall apply for the same in the prescribed Application Format. Separate applications to be submitted for each model.
- 5.9 The processing of applications and inspection/pre-inspection shall be as per the ALMM Order.
- 5.10 In order to bring in speed and transparency, the application should be submitted online through dedicated portal along with hard copy of documents submitted separately. Till the time, such portal is not developed, the receiving and transferring of applications may be based on hard copies.
- 5.11 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.
 - vi. Documents as required at 5.2 above.
- 5.12 The approved list of Models and Manufacturers (LIST-I & LIST-II) will be uploaded on the MNRE website and will be quarterly updated.
- 5.13 The enlistment shall be valid for a period of two years from the date of enlistment and can be renewed thereafter following the procedure laid down in these Guidelines.

6. Quality Checks

- 6.1 The models and the manufacturers so enlisted, shall be subjected to random quality checks/ 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).



6.2 The inspection / examination of the production and sale records of the enlisted units may also be carried out, if required, to check any complaints. In such cases, the cost incurred in carrying out such inspection/audit have to be reimbursed by the enlisted unit within one month of such inspection/ audit, failing which the unit shall be removed from the ALMM lists.

7. Renewal of enlistment in ALMM.

7.1 The renewal of enlistment in ALMM shall follow the same procedure as required for fresh enlistment. While the renewal fee has been kept at 50% of the prevailing application fee for fresh enlistment, all other conditions, procedures, inspection fee, etc. applicable for fresh enlistment shall be applicable for renewal.

7.2 While applying for renewal, the applicant manufacturers have to submit, apart from renewal applicable fee, all other relevant documents that are required for fresh application for enlistment.

7.3 After renewal, the enlistment is extended by another two years. In line with para 3.4 above, any enlistment or renewal of additional models shall have no bearing on this validity.

8. Standard Application Format and Standard Inspection Report Format.

8.1 These can be downloaded from website of NISE.



(Sanjay Karndhar)

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No. 283/54/2018-GRID SOLAR

भारत सरकार / Government of India

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

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: 12th June, 2019

OFFICE MEMORANDUM

Subject:- Guidelines for enlistment under “Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019: Amendment – reg.

The undersigned is directed to refer to this Ministry’s Guidelines dated 28.03.2019, for enlistment under “Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019, and to state that para 3 thereof stands modified as follows:

Existing Provision	Modified Provision
<p>3. Application Fees</p> <p>3.1 The application fee for one model of module /cell shall be Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV modules and Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV cells, of the applicant.</p> <p>3.2 The “model” as mentioned in (3.1) above, refers to modules / cells of same nominal power output rating. All BIS approved modules/ cells of the applicant with same nominal power output rating shall be treated as one model.</p> <p>3.3 In case the application consists of multiple models, the application fee shall be as per 3.1 above for one model and additional <u>ten percent (10%)</u> of this for every additional model.</p> <p>(eg. If an applicant having total installed manufacturing capacity of solar PV modules as 100MW, applies for</p>	<p>3. Application Fees</p> <p>3.1 The application fee for one model of module /cell shall be Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV modules and Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV cells, of the applicant.</p> <p>3.2 The “model” as mentioned in (3.1) above, refers to modules / cells of same nominal power output rating. All BIS approved modules/ cells of the applicant with same nominal power output rating shall be treated as one model.</p> <p>3.3 In case the application consists of multiple models, the application fee shall be as per 3.1 above for one model and additional <u>one percent (1%)</u> of this for every additional model.</p> <p>(eg. If an applicant having total installed manufacturing capacity of solar PV modules as 100MW, applies for</p>



Existing Provision	Modified Provision
<p>enlistment of its 3 different models of modules, the application fee shall be $5,000 \times 100 + 5,000 \times 100 \times 0.1 + 5,000 \times 100 \times 0.1 = \text{Rs. } 6,00,000/-$</p>	<p>enlistment of its 3 different models of modules, the application fee shall be $5,000 \times 100 + 5,000 \times 100 \times 0.01 + 5,000 \times 100 \times 0.01 = \text{Rs. } 5,10,000/-$</p>
<p>3.4 In case, an applicant is already enlisted, for a particular model of solar PV module/cell and applies for enlistment of another model of Solar PV module/cell, then the application fee for such additional models shall be 10% of the prevailing normal application fee. 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.</p>	<p>3.4 In case, an applicant is already enlisted, for a particular model of solar PV module/cell and applies for enlistment of another model of Solar PV module/cell, then the application fee for such additional model shall be 10% of the prevailing normal application fee. <u>However, if in such subsequent application, there are multiple models, then the fees shall be 10% of the prevailing normal application fee for one model and 1% for every additional model. (e.g If in the subsequent application, two no. models are there, the application fee shall be 10+1 = 11% of the prevailing normal application fee).</u> 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.</p>
<p>3.5 The application fees can be paid to the account of National Institute of Solar Energy (NISE), in the A/C No., as specified by NISE, by way of NEFT/ RTGS, net-banking or any other permitted modes of online payment.</p>	<p>3.5 The application fees can be paid to the account of National Institute of Solar Energy (NISE), in the A/C No., as specified by NISE, by way of NEFT/ RTGS, net-banking or any other permitted modes of online payment.</p>

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



(Sanjay Karndhar)

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No. 283/54/2018-GRID SOLAR (i)

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Date: 06th February, 2020

OFFICE MEMORANDUM

Sub: Guidelines for enlistment under “Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019: Amendment – reg.

The undersigned is directed to refer to this Ministry's Guidelines dated 28.03.2019, for enlistment under “Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019, and amendment thereto dated 12th June, 2019, and to state that para 3 thereof stands modified as follows:

Existing Provision	Modified Provision
<p>3. Application Fees</p> <p>3.1 The application fee for one model of module /cell shall be Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV modules and Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV cells, of the applicant.</p> <p>3.2 The “model” as mentioned in (3.1) above, refers to modules / cells of same nominal power output rating. All BIS approved modules/ cells of the applicant with same nominal power output rating shall be treated as one model.</p> <p>3.3 In case the application consists of multiple models, the application fee shall be as per 3.1 above for one model and additional <u>one percent (1%)</u> of this for every additional model.</p> <p>(eg. If an applicant having total installed manufacturing capacity of solar PV</p>	<p>3. Application Fees</p> <p>3.1 The application fee for one model of module /cell shall be Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV modules and Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV cells, of the applicant. However, as a measure of further facilitation to small manufacturers, for PV module manufacturers having total installed manufacturing capacity less than or equal to 50 MW, the application fee for one model of module will be Rs. 2,500/- per MW of the total installed manufacturing capacity for solar PV modules, of the applicant.</p> <p>3.2 The “model” as mentioned in (3.1) above, refers to modules / cells of same nominal power output rating. All BIS approved modules/ cells of the applicant with same nominal power output rating shall be treated as one model.</p> <p>3.3 In case the application consists of multiple models, the application fee shall be as per 3.1 above for one model and additional <u>one percent (1%)</u> of this for every additional model.</p> <p>(eg. If an applicant having total installed manufacturing capacity of solar PV modules as 100MW, applies for enlistment of its 3 different</p>

Existing Provision	Modified Provision
<p>modules as 100MW, applies for enlistment of its 3 different models of modules, the application fee shall be $5,000 \times 100 + 5,000 \times 100 \times 0.01 + 5,000 \times 100 \times 0.01 = \text{Rs. } 5,10,000/-$</p> <p>3.4 In case, an applicant is already enlisted, for a particular model of solar PV module/cell and applies for enlistment of another 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 the prevailing normal application fee for one model and 1% for every additional model. (e.g If in the subsequent application, two no. models are there, the application fee shall be $10+1 = 11\%$ of the prevailing normal application fee). 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.</p> <p>3.5 The application fees can be paid to the account of National Institute of Solar Energy (NISE), in the A/C No., as specified by NISE, by way of NEFT/ RTGS, net-banking or any other permitted modes of online payment.</p>	<p>models of modules, the application fee shall be $5,000 \times 100 + 5,000 \times 100 \times 0.01 + 5,000 \times 100 \times 0.01 = \text{Rs. } 5,10,000/-$</p> <p>Such Application fee for a 50 MW manufacturing capacity would be $2,500 \times 50 + 2,500 \times 50 \times 0.01 + 2,500 \times 50 \times 0.01 = 127500/-$</p> <p>3.4 In case, an applicant is already enlisted, for a particular model of solar PV module/cell and applies for enlistment of another 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 the prevailing normal application fee for one model and 1% for every additional model. (e.g If in the subsequent application, two no. models are there, the application fee shall be $10+1 = 11\%$ of the prevailing normal application fee). 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.</p> <p>3.5 The application fees can be paid to the account of National Institute of Solar Energy (NISE), in the A/C No., as specified by NISE, by way of NEFT/ RTGS, net-banking or any other permitted modes of online payment.</p>

This issues with the approval of Hon'ble Minister (Power & New & Renewable Energy).


 (Mohd Azmal Mansoori)
 Scientist-B
 Email: azmal.mnre@gov.in

To:

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2. All concerned.
3. NIC, MNRE, for uploading on MNRE Website

Copy for internal circulation to:

PS to Hon'ble Minister (Power & NRE)/ Sr. PPS to Secretary/ Sr. PPS to JS (AKS)/ Dir (RG)/ Sci-D (SK)

F. No. 283/54/2018-GRIDSOLAR (ii)

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

Dated: 06th February, 2020

CLARIFICATION

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

Ref:

- i. MNRE's O.M. of even no. dated 2nd January, 2019 reg. Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019
- ii. MNRE's O.M. of even no. dated 28.03.2019 reg. Guidelines for enlistment under "Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019 and amendment thereto issued vide MNRE's O.M. of even no. dated 12th June, 2019
- iii. Frequently Asked Questions (FAQs) on Approved List of Models and Manufacturers (ALMM) of Solar Photovoltaic Modules, issued by MNRE on 25th June, 2019

(1). Ministry of New & Renewable Energy (MNRE) has been receiving request regarding further clarification on "definition of *model*", "quantum of Application Fee" and provisions w.r.t. manufacturers currently exempted from BIS Registration / Certification for ALMM application purposes.

(2). Accordingly, following clarifications are hereby issued:

A. Definition and explanation of 'model' for ALMM application purposes:

- i. The "model" as mentioned in ALMM Guidelines, refers to modules / cells of same nominal power output rating. All BIS approved modules/ cells of the applicant with same nominal power output rating shall be treated as one model.
- ii. Since, single model of a module has a range of power wattage, as often described in the manufacturer's datasheet for such model, the ALMM application form provides for specifying both the Mean Wattage and applicable Range of Wattage. However, since such range of wattage may vary from manufacturer to manufacturer based on the methodology of model categorisation adopted by them, it is hereby clarified that, for ALMM application purposes:
 - a. All the modules based on same technology (multi-crystalline/ mono-crystalline / mono-PERC/ bifacial/ half-cut, etc.) and having same no. of cells and having power ratings within $\pm 5\%$ of the power rating of the mean wattage, as submitted by the applicant, shall be treated as one model.
 - b. The applicable range of wattage upto variation of $\pm 5\%$ of the mean wattage of the module, shall only be permissible.
 - c. If a module has variation in power ratings beyond $\pm 5\%$ of the mean wattage of the module under consideration, the said module will have to be covered under other model.

Thus,

- a. If two different modules have same technology (say multi-crystalline), have same no. of cells (say 72 cells), have power ratings either identical (say 320 Wp and 320 Wp) or slightly

varying but within the permissible variation range of $\pm 5\%$ from the mean wattage (say 315 Wp and 345 Wp which are within $\pm 5\%$ of the mean wattage module of 330 Wp), they shall be treated as one model, subject to all other major technical aspects being similar.

- b. If there are two modules, both of which are multi-crystalline, have 72 no. of cells and have power rating 320 Wp, but have some difference in some technical feature like different voltage rating, different no. of bus bars, different anti-reflective coating, etc., they will not be treated as one model.
- c. Similarly, for PV cells, all the cells based on same technology (multi-crystalline/ mono-crystalline / mono-PERC/ bifacial/ half-cut, etc.) and having power ratings within $\pm 5\%$ of the power rating of the mean wattage as submitted by the applicant, shall be treated as one model, subject to all other major technical aspects being similar.

B. Quantum of Application Fee for enlistment in ALMM:

- i. Subject to any amendment thereto, the application fee for one model of module /cell is Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV modules and Rs. 5,000/- per MW of the total installed manufacturing capacity for solar PV cells, of the applicant. The total installed manufacturing capacity refers to the total installed manufacturing capacity of cells or modules, as the case may be, of the applicant manufacturer across different technologies and different sites but manufacturing under the same "Brand" name.
- ii. However, as provided vide Amendment dated 06th February, 2020 for PV module manufacturers having total installed manufacturing capacity of modules, across different technologies and different sites but manufacturing under the same "Brand" name, less than or equal to 50 MW, then for such PV module manufacturer, application fee for one model of module will be Rs. 2,500/- per MW of such total installed as described above in this paragraph.
- iii. In case, the application consists of multiple models, (whether of same technology but different attributes or on account of multiple technologies), the application fee shall be as per **B(i)** or **B(ii)** above, as the case may be, for one model, and additional 1% of this for every additional model.

(eg. If an applicant having total installed manufacturing capacity of solar PV modules as 100MW, applies for enlistment of its 5 different models of modules, with three being of one technology and two of other technology, the application fee shall be $5,000 \times 100 + 5,000 \times 100 \times 0.01 = \text{Rs. } 5,20,000/-$)

(eg. If an applicant having total installed manufacturing capacity of solar PV modules as 50MW, applies for enlistment of its 5 different models of modules, with three being of one technology and two of other technology, the application fee shall be $2,500 \times 50 + 2,500 \times 50 \times 0.01 = \text{Rs. } 1,30,000/-$)

Thus,

FOR MODULES

- iv. If the applicant applies for enlistment of several models of PV modules comprising of different technologies and having different no. of cells and having different power ratings, the calculation of application fee shall be as follows:
 - **For first model:** Rs. (5,000/2,500 as applicable x total installed manufacturing capacity (MW) of modules, of the applicant manufacturer across different technologies and different sites but manufacturing under the same "Brand" name)
 - **For all other models (irrespective of technology, no. of cells and power ratings):** Rs. (5,000/2,500 as applicable x 0.01 x total installed manufacturing capacity (MW) of modules,



of the applicant manufacturer across different technologies and different sites but manufacturing under the same "Brand" name)

FOR CELLS

- v. If the applicant applies for enlistment of several models of PV cells comprising of different technologies and having different power ratings, the calculation of application fee shall be as follows:
- **For first model:** Rs. (5,000 x total installed manufacturing capacity (MW) of cells, of the applicant manufacturer across different technologies and different sites but manufacturing under the same "Brand" name)
 - **For all other models (irrespective of technology and power ratings):** Rs. (5,000 x 0.01 x total installed manufacturing capacity (MW) of cells, of the applicant manufacturer across different technologies and different sites but manufacturing under the same "Brand" name)

C. Enlistment under ALMM, of PV manufacturers currently exempted from BIS Registration / Certification:

- i. "The solar PV manufacturers who are exempted from BIS registration / certification, as per MNRE's Gazette Notification No. S.O. 3449 (E). dated 13th July, 2018, or any extension thereof, are eligible for enlistment of their solar PV modules under MNRE's "Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019" dated 2nd January, 2019 and amendments thereto. However, the validity of their enlistment in "Approved List of Models and Manufacturers" (ALMM) will be co-terminus with the validity of the exemption from BIS registration / certification available to them as per MNRE's Gazette Notification No. S.O. 3449 (E). dated 13th July, 2018, or any extension thereof, after which the enlistment under ALMM will be continued / renewed only after submission of requisite documents, including documents pertaining to BIS Registration / Certification."
- ii. If the PV manufacturer who has enlisted his products under ALMM without BIS registration / certification, subsequently obtains BIS registration / certification and submits the requisite documents to MNRE, at least one month prior to the date of expiry of his ALMM enlistment, his enlistment under ALMM shall be considered valid for two years from the date of enlistment of his products under ALMM, without any additional fee requirement.

(3). This issues with the approval of Hon'ble Minister (Power & New & Renewable Energy).


06/02/2020

(Mohd Azmal Mansoori)
Scientist-B
Email: azmal.mnre@gov.in

To:

1. **The Director General**, National Institute for Solar Energy (NISE), Gurugram-Faridabad Road, Gwal Pahari, Gurugram, Haryana – 122003, INDIA, Tel: 0124-2853060, Email: dgnise.mnre@gmail.com
2. All concerned.
3. NIC, MNRE, for uploading on MNRE Website

Copy for internal circulation to:

PS to Hon'ble Minister (Power & NRE)/ Sr. PPS to Secretary/ Sr. PPS to JS (AKS)/ Dir (RG)/ Sci-D (SK)

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

Sub: Guidelines for enlistment under “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 guidelines for enlistment under “Approved Models and Manufacturer of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019” dated 28.03.2019 and amendments thereof and state that the inspection fee for manufacturing capacity upto 50 MW has been revised to Rs. 2.5 Lakhs from existing Rs. 5 lakhs. Accordingly, para 4.2 stands modified as follows:

LOCATION OF MANUFACTURING SITE	INSTALLED CAPACITY (MW)	INSPECTION FEE (Rs.)
For units situated in SAARC (South Asian Association Regional Cooperation) countries.	Upto 50 MW	2.5 Lakhs
	More than 50 MW & upto 100 MW	5 Lakhs
	More than 100 MW & Upto 250 MW	10 Lakhs
	More than 250 MW	15 Lakhs
For units situated in Non SAARC countries.	For all capacities	30 Lakhs

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

S. Suman
02/02/2021

(Shiva Suman)

Dy. Director

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To: All Concerned

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

No. 283/54/2018-GRID SOLAR-Part(6)

भारत सरकार / Government of India

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

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

अटल अक्षय ऊर्जा भवन,
लोदी रोड, नई दिल्ली - 110003
Atal Akshay Urja Bhawan,
Lodi Road, New Delhi – 110003
Date: 22nd March, 2023

OFFICE MEMORANDUM

Sub: Guidelines for enlistment under “Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019: Amendment – reg.

Reference is invited to this Ministry's subject Guidelines issued vide O.M. No. 283/54/2018-GRID SOLAR dated 28.03.2019 and amended vide O.M. No. 283/54/2018-GRID SOLAR dated 12.06.2019, O.M. No. 283/54/2018-GRID SOLAR(i) dated 06.02.2020 and O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 02.02.2021 and clarified vide Clarification No. 283/54/2018-GRID SOLAR(ii) dated 06.02.2020, and it is hereby stated that paragraphs 4 & 5 thereof stands modified as follows:

Existing Provision	Modified/ New Provision
<p>4.3 In case, the applicant has multiple manufacturing sites, or that the applicant is sourcing his finished product (cells / modules for which the application has been made) from some other manufacturer(s) and selling the same under his own brand name, in all such cases, all the manufacturing sites including the applicant's own manufacturing site(s), shall be subjected to inspection.</p>	<p>4.3 In case, the applicant has multiple manufacturing sites, or the applicant is sourcing his finished product (cells / modules for which the application has been made) from some other manufacturer(s) and selling the same under his own brand name, in all such cases, all the manufacturing sites including the applicant's own manufacturing site(s), shall be subjected to inspection. However, inspection may not be required, if:</p> <p>i. an ALMM enlisted model of a manufacturer (Brand Owner) is manufactured under co-branding arrangement, in the ALMM enlisted manufacturing facility of another manufacturer [Original Equipment Manufacturer (OEM)] using the same ‘Manufacturing</p>

Existing Provision	Modified/ New Provision
<p>The inspection fee, for one site shall be as per para 4.2 above and for each additional site, the inspection fee shall be 50% of that mentioned in para 4.2 above for each site, for all such sites in the same country. In case the additional site(s) are in different countries then the inspection fee for such sites shall be as per para 4.2 above, for each site to be inspected.</p>	<p>Process' and 'Bill of Materials';</p> <p>OR</p> <p>ii. an ALMM enlisted model of a manufacturer (OEM), is manufactured under co-branding arrangement, in the ALMM enlisted manufacturing facility of the said manufacturer (OEM), using the same 'Manufacturing Process' and 'Bill of Materials', but bears 'Brand name' of another ALMM enlisted manufacturer (Brand Owner).</p> <p>The co-branding arrangement mentioned above refers to a form of partnership between two companies to share the manufacturing facilities, wherein the 'Brand Owner' and the 'Original Equipment Manufacturer (OEM)' execute an 'Agreement' (pertaining to co-branding arrangement, hereinafter referred to as 'Agreement'), vide which the OEM allows the Brand Owner to use its manufacturing facility to manufacture products for the Brand Owner, who gives order to the OEM for a specific capacity. Additional provisions, pertaining specifically to enlistment of co-branded products under ALMM are given at para 5.14 of these Guidelines.</p> <p>The inspection fee, for one site shall be as per para 4.2 above and for each additional site, the inspection fee shall be 50% of that mentioned in para 4.2 above for each site, for all such sites in the same country. In case the additional site(s) are in different countries then the inspection fee for such sites shall be as per para 4.2 above, for each site to be inspected.</p>

Existing Provision	Modified/ New Provision
Nil	<p data-bbox="826 235 997 264">New Clause</p> <p data-bbox="826 313 1385 421">5.14 Additional provisions, pertaining specifically to enlistment of co-branded products under ALMM:</p> <p data-bbox="842 465 1385 537">I. Application Process and Application Fee</p> <p data-bbox="865 582 1385 654">a) Both the Brand Owner and the OEM must be enlisted in ALMM.</p> <p data-bbox="865 698 1385 846">b) Application shall be submitted by Brand Owner to MNRE along with copy of Agreement between OEM and Brand Owner.</p> <p data-bbox="865 891 1385 963">c) The Agreement should have specific mention of:</p> <ul style="list-style-type: none"> <li data-bbox="928 1008 1385 1079">i. the details of the 'Brand Owner' and the 'OEM'; <li data-bbox="928 1086 1385 1234">ii. The manufacturing capacity (in MW/ annum) for which the co-branding arrangement has been executed; <li data-bbox="928 1240 1385 1388">iii. the date of execution of the Agreement and the date till which the Agreement will be valid; <p data-bbox="865 1433 1385 1774">d) Brand Owner can apply for co-branding arrangement with different OEMs. In such cases, separate applications need to be submitted by the Brand Owner for each OEM. Each such application should have corresponding Agreement between Brand Owner and OEM, along with application fee.</p> <p data-bbox="865 1818 1385 1998">e) The applicant Brand Owner will give an undertaking that the name of 'Brand Owner' and 'OEM' and location of manufacturing unit of OEM, where the model has been</p>

Existing Provision	Modified/ New Provision
	<p>manufactured, shall be clearly displayed in label of each model.</p> <p>f) The application fee will be Rs. 1000/- irrespective of the capacity mentioned in the Agreement between OEM and Brand Owner. .</p> <p>II. Enlistment of co-branded models</p> <p>The co-branded models will be enlisted against the brand owner's name, against such existing entry in ALMM List, as would be indicated in its application, as illustrated at Annexure-I.</p> <p>III. Validity for ALMM enlistment of co-branded models</p> <p>The validity of ALMM enlistment of co-branded models shall expire on the earliest of the following dates:</p> <ul style="list-style-type: none"> i. two years from enlistment in ALMM; ii. the date of expiry of the validity of the Agreement between the Brand Owner and OEM; iii. the date of expiry of any ALMM enlisted model of the Brand Owner (applicable only in cases not involving inspection)

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



(Sanjay G. Karndhar)

Scientist-D

Email: karndhar.sg@nic.in

To: All concerned

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

Annexure-I

Entry in ALMM List-I, pertaining to 'Brand Owner' prior to enlistment of co-branded models

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No. of Module	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
'n'	ABC	Village-A, Block-B, District-C, State-D	'X' MW	Data in respect of already enlisted models							

Entry in ALMM List-I, pertaining to 'Brand Owner' post enlistment of co-branded models

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	Enlisted Capacity (MWs / Year)	S. No. of Module	Type of Module	Applied Model	Enlisted Models	No. of Cells in Module	System Voltage (in Volt)	Validity	
										From	To
'n'	ABC	Village-A, Block-B, District-C, State-D	'X' MW	Data in respect of already enlisted models							
				Data in respect of co-branded modules where the Brand is owned by 'ABC', along with following details of co-branding arrangement: (i) Brand Owner; (ii) OEM; (iii) Capacity under Co-Branding Agreement; (iv) Period of validity of Co-Branding Arrangement							

No. 283/54/2018-GRID SOLAR-Part(6)

भारत सरकार / Government of India

नवीन एवं 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 August 2025

OFFICE MEMORANDUM

Sub: Guidelines for enlistment under “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 28th March, 2019 reg. Guidelines for enlistment under “Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019; and
- ii. Amendment to Guidelines at (i) above vide MNRE’s O.M. No. 283/54/2018-GRID SOLAR dated 12th June, 2019;
- iii. Amendment to Guidelines at (i) above vide MNRE’s O.M. No. 283/54/2018-GRID SOLAR(i) dated 06th February, 2020;
- iv. Clarifications to Guidelines at (i) above vide No. 283/54/2018-GRID SOLAR(ii) dated 06th February, 2020;
- v. Amendment to Guidelines at (i) above vide MNRE’s O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 02nd February, 2021;
- vi. Amendment to Guidelines at (i) above vide MNRE’s O.M. No. 283/54/2018-GRID SOLAR-Part(6) dated 22nd March, 2023.

W.r.t. the above referred documents from (i) to (vi) regarding Guidelines for enlistment under the “Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019” and subsequent amendments & clarifications thereto, it is hereby stated that para 4.3 and 5.14, are reiterated / stand modified as follows:

Existing Provision	Modified/ New Provision
<p>4.3 In case, the applicant has multiple manufacturing sites, or the applicant is sourcing his finished product (cells / modules for which the application has been made) from some other manufacturer(s) and selling the same under his own brand name, in all such cases, all the manufacturing sites including the applicant's own manufacturing site(s), shall be subjected to inspection. However, inspection may not be required, if:</p> <p>i. an ALMM enlisted model of a manufacturer (Brand Owner) is manufactured under co-branding arrangement, in the ALMM enlisted manufacturing facility of another manufacturer [Original Equipment Manufacturer (OEM)] using the same</p>	<p>“Remains unchanged”</p>

Existing Provision	Modified/ New Provision
<p>'Manufacturing Process' and 'Bill of Materials';</p> <p>OR</p> <p>ii. an ALMM enlisted model of a manufacturer (OEM), is manufactured under co-branding arrangement, in the ALMM enlisted manufacturing facility of the said manufacturer (OEM), using the same 'Manufacturing Process' and 'Bill of Materials', but bears 'Brand name' of another ALMM enlisted manufacturer (Brand Owner).</p> <p>The co-branding arrangement mentioned above refers to a form of partnership between two companies to share the manufacturing facilities, wherein the 'Brand Owner' and the 'Original Equipment Manufacturer (OEM)' execute an 'Agreement' (pertaining to co-branding arrangement, hereinafter referred to as 'Agreement'), vide which the OEM allows the Brand Owner to use its manufacturing facility to manufacture products for the Brand Owner, who gives order to the OEM for a specific capacity. Additional provisions, pertaining specifically to enlistment of co-branded products under ALMM are given at para 5.14 of these Guidelines.</p> <p>The inspection fee, for one site shall be as per para 4.2 above and for each additional site, the inspection fee shall be 50% of that mentioned in para 4.2 above for each site, for all such sites in the same country. In case the additional site(s) are in different countries then the inspection fee for such sites shall be as per para 4.2 above, for each site to be inspected.</p>	
<p>5.14 Additional provisions, pertaining specifically to enlistment of co-branded products under ALMM:</p> <p>I. Application Process and Application Fee</p> <p>a) Both the Brand Owner and the OEM must be enlisted in ALMM.</p>	<p>5.14 Additional provisions, pertaining specifically to enlistment of co-branded products under ALMM:</p> <p>I. Application Process and Application Fee</p> <p>a) Cases / Categories eligible for enlistment of co-branded products under ALMM:</p>

Existing Provision	Modified/ New Provision
	<p>Case-I: Both the Brand Owner and the OEM are enlisted in ALMM.</p> <p>Case-II: Brand Owner is not enlisted in ALMM but the OEM is enlisted as solar PV module manufacturer in ALMM; subject to the following conditions:</p> <p>(i). The ALMM enlisted co-branded solar PV modules having Brand Owner not separately enlisted in ALMM as OEM, shall be eligible for supply only to Distributed Renewable Energy (DRE) Projects of capacity less than 1 MW.</p> <p>(ii). The Brand Owner company should be a company registered in India under the Companies Act, 2013 or subsequent versions thereof.</p> <p>(iii). The Brand Owner company should not have manufacturing facility of solar PV modules anywhere in the world.</p> <p>(iv). The Brand Owner company should have a co-branding agreement/ legal contract with OEM already enlisted in ALMM.</p> <p>(v). Any model getting enlisted in ALMM through such co-branding arrangement wherein Brand Owner is not enlisted in ALMM and the OEM is enlisted in ALMM, will be thoroughly scrutinized with a physical inspection and verification of the manufacturing unit.</p> <p>(vi). The warranties, as may be applicable for solar PV modules, in respect of</p>

Existing Provision	Modified/ New Provision
<p>b) Application shall be submitted by Brand Owner to MNRE along with copy of Agreement between OEM and Brand Owner.</p> <p>c) The Agreement should have specific mention of:</p> <p>i. the details of the 'Brand Owner' and the 'OEM',</p> <p>ii. The manufacturing capacity (in MW/ annum) for which the cobranding arrangement has been executed;</p> <p>iii. the date of execution of the Agreement and the date till which the Agreement will be valid;</p> <p>d) Brand Owner can apply for co-branding arrangement with different OEMs. In such cases, separate applications need to be submitted by the Brand Owner for each OEM, Each such application should have corresponding Agreement between Brand Owner and OEM, along with application fee.</p> <p>e) The applicant Brand Owner will give an undertaking that the name of 'Brand Owner' and 'OEM' and location of manufacturing unit of OEM, where the model has been manufactured, shall be clearly displayed in label of each model.</p> <p>f) The application fee will be Rs. 1000/- irrespective of the capacity mentioned in</p>	<p>product, power, performance, lifetime, etc. shall be jointly and severally offered by the Brand Owner as well as the OEM. This shall be ensured by explicitly mentioning the same in the co-branding agreement between the Brand Owner and ALMM enlisted OEM.</p> <p>b) Application shall be submitted by Brand Owner to MNRE along with copy of Agreement between OEM and Brand Owner.</p> <p>c) The Agreement should have specific mention of:</p> <p>i. the details of the 'Brand Owner' and the 'OEM';</p> <p>ii. The manufacturing capacity (in MW/ annum) for which the co-branding arrangement has been executed;</p> <p>iii. the date of execution of the Agreement and the date till which the Agreement will be valid;</p> <p>d) Brand Owner can apply for co-branding arrangement with different OEMs. In such cases, separate applications need to be submitted by the Brand Owner for each OEM. Each such application should have corresponding Agreement between Brand Owner and OEM, along with application fee.</p> <p>e) The applicant Brand Owner will give an undertaking that the name of 'Brand Owner' and 'OEM' and location of manufacturing unit of OEM, where the model has been manufactured, shall be clearly displayed in label of each model.</p> <p>f) The application fee will be Rs. 1,000/- irrespective of the capacity mentioned</p>

Existing Provision	Modified/ New Provision
<p>the Agreement between OEM and Brand Owner.</p> <p>II. Enlistment of co-branded models</p> <p>The co-branded models will be enlisted against the brand owner's name, against such existing entry in ALMM List, as would be indicated in its application, as illustrated at Annexure-I.</p> <p>III. Validity for ALMM enlistment of co-branded models</p> <p>The validity of ALMM enlistment of co-branded models shall expire on the earliest of the following dates:</p> <ul style="list-style-type: none"> i. two years from enlistment in ALMM, ii. the date of expiry of the validity of the Agreement between the Brand Owner and OEM; iii. the date of expiry of any ALMM enlisted model of the Brand Owner (applicable only in cases not involving inspection) 	<p>in the Agreement between OEM and Brand Owner.</p> <p>II. Enlistment of co-branded models</p> <p>The co-branded models will be enlisted against the brand owner's name, against such existing entry in ALMM List, as would be indicated in its application, as illustrated at Annexure-I. However, for cases where Brand Owner is not enlisted in ALMM but the OEM is enlisted as solar PV module manufacturer in ALMM, such co-branded models will be enlisted against Brand Owner by appropriately including its name in ALMM List.</p> <p>III. Validity for ALMM enlistment of co-branded models</p> <p>The validity of ALMM enlistment of co-branded models shall expire on the earliest of the following dates:</p> <ul style="list-style-type: none"> i. four years from enlistment in ALMM, ii. the date of expiry of the validity of the Agreement between the Brand Owner and OEM; iii. the date of expiry of validity of ALMM enlistment of the OEM iv. the date of expiry of validity of ALMM enlistment of the Brand Owner

2. This issues with the approval of Hon'ble Minister (NRE).



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To: All concerned

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