

**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: 10<sup>th</sup> March, 2021.

**OFFICE MEMORANDUM**

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

As noted in this Ministry's OM of even no. dated 02.01.2019, 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 thus 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.

2. In order to address this issue, MNRE issued an order “**Approved Models & Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019**” and “**Guidelines for enlistment under Approved Models & Manufacturers of Solar Photovoltaic Modules (Requirements for Compulsory Registration) Order, 2019**”. These orders provide for enlistment of Models and manufacturers of Solar PV Cells & Modules, after due inspection of manufacturing facilities.

3. Considering the recommendations of a Committee constituted to review the implementation of ALMM order and inspections reports submitted by NISE, Hon'ble Minister for Power & NRE has approved the ALMM list for Solar PV Modules i.e. List I – List of Models and Manufacturers for Solar PV Modules, as on 10.03.2021. The ALMM list for Solar PV Modules is enclosed at **Annexure – I**.

4. In accordance with the ALMM order dated 02.01.2019 and amendment thereto:

- i. The enlistment shall be valid for two years and can be renewed on submission of necessary documents.

*S. Surma*  
10/8/2021

- ii. The Ministry is empowered to conduct production & sale audit and random quality test, inspection of facility at any time to ensure the compliance and in case of any non-compliance, the enlisted manufacturer shall be removed from ALMM.
- iii. The Approved List of Models and Manufacturers (ALMM) will be uploaded on the MNRE website and will be monthly updated.
- iv. Only the models and manufacturers included in this list shall 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.

5. Further in partial modification to this Ministry's OM of even number dated 02.02.2021 ALMM Order in respect of List – I (Modules) or List – II (Cells) shall be applicable only on the projects for which the bids are concluded after 30 days of publication of such List. Accordingly, **ALMM order in respect of List I (Modules) shall be applicable on all such bids whose last date of bid submission is on or after 10.04.2021.**

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

7. This issues with the approval of Hon'ble Minister, New and Renewable Energy.

*S. Suman*  
10/03/2021

(Shiva Suman)

Dy. Director.

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**To: All Concerned**

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

22	Santvik Green Energy Pvt. Ltd.	Dubli, Ambala, Haryana, India	240	i	Multi C-Si Modules	SGE 150-36P (150Wp), SGE 160-36P (160Wp)	SGE 150-36P SGE 160-36P	36 (Full Cells)	10.03.2021	09.03.2023
				ii	Multi C-Si Modules	SGE 165-36P (165Wp), SGE 170-36P (170Wp)	SGE 165-36P SGE 170-36P	36 (Full Cells)	10.03.2021	09.03.2023
				iii	Multi C-Si Modules	SGE 200-48P (200Wp), SGE 210-48P (210Wp)	SGE 200-48P SGE 210-48P	48 (Full Cells)	10.03.2021	09.03.2023
				iv	Multi C-Si Modules	SGE 230-54P (220Wp-240Wp)	SGE 220-54P	54 (Full Cells)	10.03.2021	09.03.2023
							SGE 225-54P			
							SGE 230-54P			
							SGE 235-54P			
				v	Multi C-Si Modules	SGE 260-60P (250Wp-270Wp)	SGE 240-54P	60 (Full Cells)	10.03.2021	09.03.2023
							SGE 250-60P			
							SGE 260-60P			
							SGE 265-60P			
				vi	Multi C-Si Modules	SGE 275-60P (275Wp)	SGE 270-60P	60 (Full Cells)	10.03.2021	09.03.2023
							SGE 275-60P			
vii	Multi C-Si Modules	SGE 315-72P (300Wp-330Wp)	SGE 300-72P	72 (Full Cells)	10.03.2021	09.03.2023				
			SGE 305-72P							
			SGE 310-72P							
			SGE 315-72P							
			SGE 320-72P							
			SGE 325-72P							
viii	Multi C-Si Modules	SGE 340-72P (335Wp-345Wp)	SGE 330-72P	72 (Full Cells)	10.03.2021	09.03.2023				
			SGE 340-72P							
			SGE 345-72P							
ix	Mono C-Si Modules	SGE 185-36M (180Wp-190Wp)	SGE 180-36M	36 (Full Cells)	10.03.2021	09.03.2023				
			SGE 185-36M							
			SGE 190-36M							
x	Mono C-Si Modules	SGE 245-48M (235Wp-255Wp)	SGE 235-48M	48 (Full Cells)	10.03.2021	09.03.2023				
			SGE 240-48M							
			SGE 245-48M							
			SGE 250-48M							
			SGE 255-48M							
xi	Mono C-Si Modules	SGE 275-54M (265Wp-285Wp)	SGE 265-54M	54 (Full Cells)	10.03.2021	09.03.2023				
			SGE 270-54M							
			SGE 275-54M							
			SGE 280-54M							
			SGE 285-54M							
xii	Mono C-Si Modules	SGE 300-60M (285Wp-315Wp)	SGE 285-60M	60 (Full Cells)	10.03.2021	09.03.2023				
			SGE 290-60M							
			SGE 295-60M							
			SGE 300-60M							
			SGE 305-60M							
			SGE 310-60M							
xiii	Mono C-Si Modules	SGE 370-72M (355Wp-385Wp)	SGE 315-60M	72 (Full Cells)	10.03.2021	09.03.2023				
			SGE 355-72M							
			SGE 360-72M							
			SGE 365-72M							
			SGE 370-72M							
			SGE 375-72M							
			SGE 380-72M							
SGE 385-72M										

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10/03/2021