

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

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

Dated: 22nd March, 2024

OFFICE MEMORANDUM

Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.

Ref: (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR-Part(1) dated 10.03.2021
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023 had issued major reforms in the Approved List of Models and Manufacturers for Solar Photovoltaic Modules which inter-alia include enlistment of only such models of Solar PV Module Manufacturers, under ALMM, which comply 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%

3. Post 10.05.2023, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is equal to or greater than 19.00%.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 24.02.2024.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXII of same is enclosed at Annexure-I. The details of provisional enlistments granted by MNRE in ALMM List-I are at pages after Annexure-I.

6. This issues with the approval of competent authority.



(Sanjay G. Karndhar)
Scientist-E
E-mail: karndhar.sg@nic.in

Encl: as above

To: All Concerned

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

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

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003
Dated: 22nd March, 2024

To,

M/s. Credence Solar Panels Private Limited,
Plot No. 18 & 19, Survey No. 142/2,
Rajkot-Jamnagar Highway, Padadhari,
Rajkot, Gujarat, India-360110
Email id: operations@credencesolar.com

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Credence Solar Panels Private Limited- reg.

Sir,

This is in reference to the application received from M/s. Credence Solar Panels Private Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Credence Solar Panels Private Limited, Plot No. 18 & 19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat, India - 360110 in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PS to JS (DD))

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Appendix-I

Name of Manufacturer	M/s. Credence Solar Panels Private Limited
Plant Address	Plot No. 18 & 19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat, India-360110
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	125 MW/Year
Applied Capacity	125 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB670-132 (670 Wp)	CS-QB655-132	21.08	Registration No.: R-72006165	132 (Half Cut Cells)	1500	
			CS-QB660-132	21.25				
			CS-QB665-132	21.41				
			CS-QB670-132	21.57				
			CS-QB675-132	21.73				
			CS-QB680-132	21.89				
			CS-QB685-132	22.05				
2	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB610-120 (610 Wp)	CS-QB595-120	21.01				
			CS-QB600-120	21.20				
			CS-QB605-120	21.37				
			CS-QB610-120	21.54				
			CS-QB615-120	21.72				
3	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB560-110 (560 Wp)	CS-QB620-120	21.90				
			CS-QB545-110	20.86				
			CS-QB550-110	21.05				
			CS-QB555-110	21.24				
			CS-QB560-110	21.43				
4	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB570-156 (570 Wp)	CS-QB565-110	21.62				
			CS-QB570-110	21.81				
			CS-HB545-156	19.66				
			CS-HB550-156	19.84				
			CS-HB555-156	20.02				
			CS-HB560-156	20.20				
			CS-HB565-156	20.38				
			CS-HB570-156	20.56				
			CS-HB575-156	20.74				
5	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB530-144 (530 Wp)	CS-HB580-156	20.92				
			CS-HB585-156	21.10				
			CS-HB590-156	21.28				
			CS-HB595-156	21.46				
			CS-HB505-144	19.70				
			CS-HB510-144	19.89				
			CS-HB515-144	20.09				
			CS-HB520-144	20.28				
			CS-HB525-144	20.47				
			CS-HB530-144	20.67				
CS-HB535-144	20.87							
CS-HB540-144	21.06							
CS-HB545-144	21.26							
CS-HB550-144	21.45							

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