

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: 10th 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.


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- 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.



(Shiva Suman)

Dy. Director.

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To: All Concerned

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

List of Manufacturers and Models of Solar PV Modules enlisted under ALMM Order

S. No.	Name of the Manufacturer	Location of Manufacturing	Enlisted Capacity	S. No.	Type of Module	Model Name	Enlisted Models	No. of Cells in Module	Validity	
									From	To
1	Mundra Solar PV Ltd.	Tunda, Mundra SEZ, Mundra, Gujarat, India	1100	i	Multi C-Si Modules	ENCORE Series, ASP-7-AAA (AAA=325-350)	ASP-7-325	72 (Full Cells)	10.03.2021	09.03.2023
							ASP-7-330			
							ASP-7-335			
							ASP-7-340			
							ASP-7-345			
							ASP-7-350			
				ii	Mono C-Si PERC Modules	ETERNAL Series, ASM-7-PERC-AAA (AAA=355-390)	ASM-7-PERC-355	72 (Full Cells)	10.03.2021	09.03.2023
							ASM-7-PERC-360			
							ASM-7-PERC-365			
							ASM-7-PERC-370			
							ASM-7-PERC-375			
							ASM-7-PERC-380			
							ASM-7-PERC-385			
							ASM-7-PERC-390			
2	Vikram Solar Ltd.	Falta SEZ, South 24 Parganas, West Bengal, India	970	i	Multi Crystalline Silicon Module	Eldora VSP.72.AAA.05 (AAA= 320Wp-345Wp)	VSP.72.320.05	72 (Full Cells)	10.03.2021	09.03.2023
							VSP.72.325.05			
							VSP.72.330.05			
							VSP.72.335.05			
							VSP.72.340.05			
							VSP.72.345.05			
				ii	Multi Crystalline Silicon Module	Eldora VSPH.72.AAA.05 (AAA= 340Wp-350Wp)	VSPH.72.340.05	144 (Half Cut Cells)	10.03.2021	09.03.2023
							VSPH.72.345.05			
							VSPH.72.350.05			
				iii	Mono Crystalline Silicon Module	Somera VSM.72.AAA.05 (AAA=370Wp-375Wp)	VSM.72.370.05	72 (Full Cells)	10.03.2021	09.03.2023
							VSM.72.375.05			
				iv	Mono Crystalline Silicon Module	Somera VSMH.72.AAA.05 (AAA=380Wp-400Wp)	VSMH.72.380.05	144 (Half Cut Cells)	10.03.2021	09.03.2023
							VSMH.72.385.05			
							VSMH.72.390.05			
VSMH.72.395.05										
VSMH.72.400.05										
3	Bharat Electronics Ltd.	Jalahalli, Bengaluru, Karnataka, India	10	i	Multi C-Si Module	BEP-A.XXX (310Wp-335Wp)	BEP-A.310	72 (Full Cells)	10.03.2021	09.03.2023
							BEP-A.315			
							BEP-A.320			
							BEP-A.325			
							BEP-A.330			
							BEP-A.335			
				ii	Mono C-Si Module	BE-A.XXX (310Wp-335Wp)	BE-A.310	72 (Full Cells)	10.03.2021	09.03.2023
							BE-A.315			
							BE-A.320			
							BE-A.325			
							BE-A.330			
							BE-A.335			

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4	Emmvee Photovoltaic Power Pvt. Ltd.	Bettahalsuru, Bengaluru, Karnataka, India	500	i	Multi C-Si Module	E335P72 (320Wp-350Wp)	E320P72	72 (Full Cells)	10.03.2021	09.03.2023
							E325P72			
							E330P72			
							E335P72			
							E340P72			
							E345P72			
				E350P72						
				ii	Multi C-Si Module	E280P60 (265Wp-290Wp)	E265P60	60 (Full Cells)	10.03.2021	09.03.2023
							E270P60			
							E275P60			
							E280P60			
							E285P60			
							E290P60			
				iii	Mono PERC Module	E380M72 (360Wp-395Wp)	E360M72	72 (Full Cells)	10.03.2021	09.03.2023
							E365M72			
							E370M72			
							E375M72			
							E380M72			
							E385M72			
				E390M72						
iv	Mono PERC Module	E315M60 (300Wp-330Wp)	E395M72	60 (Full Cells)	10.03.2021	09.03.2023				
			E300M60							
			E305M60							
			E310M60							
			E315M60							
			E320M60							
E325M60										
E330M60										

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5	ORB Energy Pvt. Ltd.	Yeshwanthapura, Bengaluru, Karnataka, India	50	i	Multi C-Si Module	Orb320P72-15 (305Wp-335Wp)	Orb305P72-15	72 (Full Cells)	10.03.2021	09.03.2023
							Orb310P72-15			
							Orb315P72-15			
							Orb320P72-15			
							Orb325P72-15			
							Orb330P72-15			
				ii	Multi C-Si Module	Orb270P60-15 (260Wp-280Wp)	Orb260P60-15	60 (Full Cells)	10.03.2021	09.03.2023
							Orb265P60-15			
							Orb270P60-15			
							Orb275P60-15			
				iii	Multi C-Si Module	Orb320P72 (305Wp-335Wp)	Orb280P60-15	72 (Full Cells)	10.03.2021	09.03.2023
							Orb305P72			
							Orb310P72			
							Orb315P72			
							Orb320P72			
							Orb325P72			
				iv	Multi C-Si Module	Orb270P60 (260Wp-280Wp)	Orb330P72	60 (Full Cells)	10.03.2021	09.03.2023
							Orb335P72			
							Orb260P60			
							Orb265P60			
				v	Mono C-Si Module	Orb370M72-15 (355Wp-385Wp)	Orb270P60	72 (Full Cells)	10.03.2021	09.03.2023
							Orb275P60			
							Orb280P60			
							Orb355M72-15			
							Orb360M72-15			
							Orb365M72-15			
				vi	Mono C-Si Module	Orb305M60-15 (290Wp-320Wp)	Orb370M72-15	60 (Full Cells)	10.03.2021	09.03.2023
							Orb375M72-15			
Orb380P72-15										
Orb385P72-15										
Orb290M60-15										
Orb295M60-15										
vii	Mono C-Si Module	Orb370M72 (355Wp-385Wp)	Orb300M60-15	72 (Full Cells)	10.03.2021	09.03.2023				
			Orb305M60-15							
			Orb310M60-15							
			Orb315M60-15							
			Orb320M60-15							
			Orb355M72							
viii	Mono C-Si Module	Orb305M60 (290Wp-320Wp)	Orb360M72	60 (Full Cells)	10.03.2021	09.03.2023				
			Orb365M72							
			Orb370M72							
			Orb375M72							
			Orb380M72							
			Orb385M72							
			Orb290M60	72 (Full Cells)	10.03.2021	09.03.2023				
			Orb295M60							
			Orb300M60							
			Orb305M60							
			Orb310M60							
			Orb315M60							
			Orb320M60							

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6	Tata Power Solar Systems Ltd.	Electronic City, Bengaluru, Karnataka, India	300	i	Multi C-Si Module	TP330LBZ (315Wp-345Wp)	TP315LBZ	72 (Full Cells)	10.03.2021	09.03.2023
							TP320LBZ			
							TP325LBZ			
							TP330BZ			
							TP335LBZ			
				ii	Multi C-Si Module	TP330LBZ(H) (315Wp-345Wp)	TP340LBZ	72 (Full Cells)	10.03.2021	09.03.2023
							TP345LBZ			
							TP315LBZ(H)			
							TP320LBZ(H)			
							TP325LBZ(H)			
				iii	Multi C-Si Module	TP295VBZ(H) (280Wp-305Wp)	TP330LBZ(H)	66 (Full Cells)	10.03.2021	09.03.2023
							TP335LBZ(H)			
							TP340LBZ(H)			
							TP345LBZ(H)			
							TP280VBZ(H)			
				iv	Multi C-Si Module	TP260MBZ(H) (250Wp-270Wp)	TP285VBZ(H)	60 (Full Cells)	10.03.2021	09.03.2023
							TP290VBZ(H)			
							TP295VBZ(H)			
							TP300VBZ(H)			
							TP305VBZ(H)			
v	Mono C-Si PERC Module	TP380LGZ(H) (365Wp-395Wp)	TP250MBZ(H)	72 (Full Cells)	10.03.2021	09.03.2023				
			TP255MBZ(H)							
			TP260MBZ(H)							
			TP265MBZ(H)							
			TP270MBZ(H)							
			TP365LGZ(H)							
			TP370LGZ(H)							
TP375LGZ(H)										
TP380LGZ(H)										
TP385LGZ(H)										
TP390LGZ(H)										
TP395LGZ(H)										

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7	Swelect Energy Systems Ltd.	Dabaspet, Nelamangala, Bengaluru, Karnataka, India	140	i	Multi C-Si Module	HST36FXXXP (160Wp-170Wp)	HST36F160P	36 (Full Cells)	10.03.2021	09.03.2023
							HST36F165P			
							HST36F170P			
				ii	Multi C-Si Module	HST60FXXXP (265Wp-285Wp)	HST60F265P	60 (Full Cells)	10.03.2021	09.03.2023
							HST60F270P			
							HST60F275P			
							HST60F280P			
							HST60F285P			
				iii	Multi C-Si Module	HST72FXXXP (320Wp-345Wp)	HST72F320P	72 (Full Cells)	10.03.2021	09.03.2023
							HST72F325P			
							HST72F330P			
							HST72F335P			
							HST72F340P			
							HST72F345P			
				iv	Multi C-Si Module	HST72F300P (300Wp)	HST72F300P	72 (Full Cells)	10.03.2021	09.03.2023
				v	Mono C-Si Module	HST36FXXXM (185Wp-195Wp)	HST36F185M	36 (Full Cells)	10.03.2021	09.03.2023
							HST36F190M			
							HST36F195M			
				vi	Mono C-Si Module	HST60FXXXM (295Wp-325Wp)	HST60F295M	60 (Full Cells)	10.03.2021	09.03.2023
							HST60F300M			
							HST60F305M			
							HST60F310M			
							HST60F315M			
							HST60F320M			
HST60F325M										
vii	Mono C-Si Module	HST72FXXXM (360Wp-390Wp)	HST72F360M	72 (Full Cells)	10.03.2021	09.03.2023				
			HST72F365M							
			HST72F370M							
			HST72F375M							
			HST72F380M							
			HST72F385M							
viii	Mono C-Si Module	HST72FXXXM (395Wp)	HST72F390M	72 (Full Cells)	10.03.2021	09.03.2023				
			HST72F395M							

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8	RenewSys India Pvt. Ltd.	FAB City, Hyderabad, Telangana, India	750	i	Multi C-Si Module	DESERV 3M6-XXX (315Wp-345Wp)	DESERV 3M6-315	72 (Full Cells)	10.03.2021	09.03.2023
							DESERV 3M6-320			
							DESERV 3M6-325			
							DESERV 3M6-330			
							DESERV 3M6-335			
							DESERV 3M6-340			
				ii	Multi C-Si Module	DESERV 3M6H-XXX (315Wp-345Wp)	DESERV 3M6H-315	72 (Full Cells)	10.03.2021	09.03.2023
							DESERV 3M6H-320			
							DESERV 3M6H-325			
							DESERV 3M6H-330			
							DESERV 3M6H-335			
							DESERV 3M6H-340			
				iii	Multi C-Si Module	DESERV MGALACTIC-XXX (330Wp -360Wp)	DESERV MGALACTIC-330	144 (Half Cut Cells)	10.03.2021	09.03.2023
							DESERV MGALACTIC-335			
							DESERV MGALACTIC-340			
							DESERV MGALACTIC-345			
							DESERV MGALACTIC-350			
							DESERV MGALACTIC-355			
				iv	Mono C-Si Module	DESERV 3S6-XXX (345Wp-375Wp)	DESERV 3S6-345	72 (Full Cells)	10.03.2021	09.03.2023
							DESERV 3S6-350			
							DESERV 3S6-355			
							DESERV 3S6-360			
							DESERV 3S6-365			
							DESERV 3S6-370			
v	Mono C-Si Module	DESERV 3S6H-XXX (345Wp-375Wp)	DESERV 3S6H-345	72 (Full Cells)	10.03.2021	09.03.2023				
			DESERV 3S6H-350							
			DESERV 3S6H-355							
			DESERV 3S6H-360							
			DESERV 3S6H-365							
			DESERV 3S6H-370							
vi	Mono C-Si Module	DESERV SGALACTIC-XXX (360Wp-390Wp)	DESERV SGALACTIC-360	144 (Half Cut Cells)	10.03.2021	09.03.2023				
			DESERV SGALACTIC-365							
			DESERV SGALACTIC-370							
			DESERV SGALACTIC-375							
			DESERV SGALACTIC-380							
			DESERV SGALACTIC-385							
DESERV SGALACTIC-390										

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9	Premier Energies Ltd.	Annaram, Medak, Telangana, India	482	i	Multi C-Si Module	PSS-24340 (325Wp-355Wp)	PSS-24325	72 (Full Cells)	10.03.2021	09.03.2023
							PSS-24330			
							PSS-24335			
							PSS-24340			
							PSS-24345			
							PSS-24350			
							PSS-24355			
							PSS-24290			
ii	Multi C-Si Module	PSS-24305 (290Wp-320Wp)	PSS-24295	72 (Full Cells)	10.03.2021	09.03.2023				
			PSS-24300							
			PSS-24305							
			PSS-24310							
			PSS-24315							
iii	Multi C-Si Module	PSS-24250 (240Wp-260Wp)	PSS-24320	72 (Cut Cells)	10.03.2021	09.03.2023				
			PSS-24240							
			PSS-24245							
			PSS-24250							
iv	Multi C-Si Module	PSS-24200 (190Wp-210Wp)	PSS-24255	72 (Cut Cells)	10.03.2021	09.03.2023				
			PSS-24260							
			PSS-24190							
			PSS-24195							
v	Multi C-Si Module	PSS-24150 (145Wp-155Wp)	PSS-24200	72 (Cut Cells)	10.03.2021	09.03.2023				
			PSS-24205							
			PSS-24210							
			PSS-24145							
vi	Multi C-Si Module	PSS-24340HC (325Wp-357Wp)	PSS-24150	144 (Half Cut Cells)	10.03.2021	09.03.2023				
			PSS-24155							
			PSS-24325HC							
			PSS-24330HC							
			PSS-24335HC							
			PSS-24340HC							
PSS-24345HC										
vii	Multi C-Si Module	PSS-20280 (270Wp-295Wp)	PSS-24350HC	60 (Full Cells)	10.03.2021	09.03.2023				
			PSS-24355HC							
			PSS-24357HC							
			PSS-20270							
			PSS-20275							
viii	Multi C-Si Module	PSS-20260 (250Wp-265Wp)	PSS-20280	60 (Full Cells)	10.03.2021	09.03.2023				
			PSS-20285							
			PSS-20290							
			PSS-20295							
			PSS-20250	60 (Full Cells)	10.03.2021	09.03.2023				
			PSS-20255							
			PSS-20260							
			PSS-20265							

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ix	Multi C-Si Module	PSS-20220 (220Wp)	PSS-20220	60 (Cut Cells)	10.03.2021	09.03.2023
x	Multi C-Si Module	PSS-12200 (200Wp)	PSS-12200	36 (Cut Cells)	10.03.2021	09.03.2023
xi	Multi C-Si Module	PSS-12165 (160Wp-170Wp)	PSS-12160	36 (Full Cells)	10.03.2021	09.03.2023
			PSS-12165			
			PSS-12170			
xii	Multi C-Si Module	PSS-12150 (145Wp-155Wp)	PSS-12145	36 (Full Cells)	10.03.2021	09.03.2023
			PSS-12150			
			PSS-12155			
xiii	Multi C-Si Module	PSS-12120 (120 Wp)	PSS-12120	36 (Cut Cells)	10.03.2021	09.03.2023
		PSS-12125 (125 Wp)	PSS-12125			
xiv	Multi C-Si Module	PSS-12105 (100Wp-110Wp)	PSS-12100	36 (Cut Cells)	10.03.2021	09.03.2023
			PSS-12105			
			PSS-12110			
xv	Multi C-Si Module	PSS-1280 (80Wp)	PSS-1280	36 (Cut Cells)	10.03.2021	09.03.2023
xvi	Multi C-Si Module	PSS-1275 (75Wp)	PSS-1275	36 (Cut Cells)	10.03.2021	09.03.2023
xvii	Multi C-Si Module	PSS-1260 (60Wp)	PSS-1260	36 (Cut Cells)	10.03.2021	09.03.2023
xviii	Multi C-Si Module	PSS-1245 (45Wp)	PSS-1245	36 (Cut Cells)	10.03.2021	09.03.2023
xix	Multi C-Si Module	PSS-1230 (30Wp)	PSS-1230	36 (Cut Cells)	10.03.2021	09.03.2023
xx	Multi C-Si Modules	PSS-1220 (20Wp)	PSS-1220	36 (Cut Cells)	10.03.2021	09.03.2023
xxi	Mono C-Si PERC Module	PSS-24380 (365Wp-395Wp)	PSS-24365	72 (Full Cells)	10.03.2021	09.03.2023
			PSS-24370			
			PSS-24375			
			PSS-24380			
			PSS-24385			
			PSS-24390			
xxii	Mono C-Si PERC Module	PSS-24335 (335Wp)	PSS-24335	72 (Full Cells)	10.03.2021	09.03.2023
xxiii	Mono C-Si PERC Module	PSS-20315 (315Wp-330Wp)	PSS-20315	60 (Full Cells)	10.03.2021	09.03.2023
			PSS-20320			
			PSS-20325			
			PSS-20330			

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10	Visaka Industries Ltd.	Gajalapuram, Miryalagunda, Nalgonda, Telangana, India	30	i	Multi C-Si Module	VIL-XXXX (305-320 Wp)	VIL-305P	72 (Full Cells)	10.03.2021	09.03.2023
							VIL-310P			
							VIL-315P			
							VIL-320P			
11	Websol Energy System Ltd.	Falta SEZ, 24 Parganas (South), West Bengal, India	250	i	Multi C-Si Module	W2900-M330 (315Wp-345Wp)	W2900-M315	72 (Full Cells)	10.03.2021	09.03.2023
							W2900-M320			
							W2900-M325			
							W2900-M330			
							W2900-M335			
							W2900-M340			
12	Sova Solar Ltd.	Banskopa, Durgapur, West Bengal, India	240	i	Multi C-Si Module	SSXXX60MC (270Wp-290Wp)	SS27060MC	60 (Full Cells)	10.03.2021	09.03.2023
							SS27560MC			
							SS28060MC			
							SS28560MC			
				ii	Multi C-Si Module	SSXXX72MC (320Wp-345Wp)	SS29060MC	72 (Full Cells)	10.03.2021	09.03.2023
							SS32072MC			
							SS32572MC			
							SS33072MC			
				iii	Mono PERC Module	SSXXX60MP (300Wp-325Wp)	SS33572MC	60 (Full Cells)	10.03.2021	09.03.2023
							SS34072MC			
							SS34572MC			
							SS30060MP			
				iv	Mono PERC Module	SSXXX72MP (365Wp-400Wp)	SS30560MP	72 (Full Cells)	10.03.2021	09.03.2023
							SS31060MP			
							SS31560MP			
							SS32060MP			
SS32560MP										
SS36572MP										
SS37072MP										
SS37572MP										
SS38072MP										
13	Goldi Solar Pvt. Ltd.	Pipodara, Surat, Gujarat, India	500	i	Multi C-Si Module	GOLDI072F335PY24 (325Wp-345Wp)	GOLDI072F330PY24	72 (Full Cells)	10.03.2021	09.03.2023
							GOLDI072F335PY24			
							GOLDI072F340PY24			
							GOLDI072F345PY24			
							GOLDI066F300PY24			
				ii	Multi C-Si Module	GOLDI066F310PY24 (310 Wp)	GOLDI066F310PY24	66 (Full Cells)	10.03.2021	09.03.2023
							GOLDI066F310PY24			
				iii	Multi C-Si Module	GOLDI060F280PY24 (280Wp)	GOLDI060F280PY24	60 (Full Cells)	10.03.2021	09.03.2023
							GOLDI060F280PY24			
				iv	Multi C-Si Module	GOLDI054F250PY12 (250Wp)	GOLDI054F250PY12	54 (Full Cells)	10.03.2021	09.03.2023
GOLDI054F250PY12										
GOLDI054F250PY12										
v	Mono C-Si PERC Module	GOLDI072F395PRC24 (390Wp-400Wp)	GOLDI072F390PRC24	72 (Full Cells)	10.03.2021	09.03.2023				
			GOLDI072F395PRC24							
			GOLDI072F400PRC24							
14	Australian Premium Solar (India) Pvt. Ltd.	Tajpur, Sabarkantha, Gujarat, India	50	i	Multi C-Si Module	APSAP6-250/60 (250 Wp), APSAP6-260/60 (260 Wp)	APSAP6-250/60	60 (Full Cells)	10.03.2021	09.03.2023
							APSAP6-260/60			
							APSAP6-300/72 (300 Wp)			
							APSAP6-300/72			
ii	Multi C-Si Module	APSAP6-320/72 (320 Wp), APSAP6-330/72 (330 Wp)	APSAP6-320/72	72 (Full Cells)	10.03.2021	09.03.2023				
			APSAP6-330/72							
iii	Multi C-Si Module	APSAP6-340/72 (340 Wp), APSAP6-350/72 (350 Wp)	APSAP6-340/72	72 (Full Cells)	10.03.2021	09.03.2023				
			APSAP6-350/72							
iv	Multi C-Si Module	APSAP6-340/72 (340 Wp), APSAP6-350/72 (350 Wp)	APSAP6-340/72	72 (Full Cells)	10.03.2021	09.03.2023				
			APSAP6-350/72							

15	Solex Energy Ltd	GIDC, Vitthal Udyognagar, Anand, Gujarat, India	45	i	Multi C-Si Module	SES1224 (24Wp)	SES1224	36 (Cut Cells)	10.03.2021	09.03.2023
				ii	Multi C-Si Module	SES1275 (75Wp)	SES1275	36 (Cut Cells)	10.03.2021	09.03.2023
				iii	Multi C-Si Module	SES12100 (100Wp)	SES12100	36 (Cut Cells)	10.03.2021	09.03.2023
				iv	Multi C-Si Module	SES16200 (200 Wp). SES16210 (210 Wp)	SES16200 SES16210	48 (Full Cells)	10.03.2021	09.03.2023
				v	Multi C-Si Module	SES20250 (250 Wp). SES20260 (260 Wp)	SES20250 SES20260	60 (Full Cells)	10.03.2021	09.03.2023
				vi	Multi C-Si Module	SES24300 (300Wp)	SES24300	72 (Full Cells)	10.03.2021	09.03.2023
				vii	Multi C-Si Module	SES24330 (320Wp-350Wp)	SES24320 SES24325 SES24330 SES24335 SES24340 SES24350	72 (Full Cells)	10.03.2021	09.03.2023
				viii	Mono- PERC Module	SESM20280 (280Wp)	SESM20280	60 (Full Cells)	10.03.2021	09.03.2023
				ix	Mono- PERC Module	SESM20300 (300Wp)	SESM20300	60 (Full Cells)	10.03.2021	09.03.2023
				x	Mono- PERC Module	SESM24335 (335Wp)	SESM24335	72 (Full Cells)	10.03.2021	09.03.2023
				16	Topsun Energy Ltd.	Linch, Mehsana, Gujarat, India	100	i	Multi C-Si Module	TEL24P315 (300Wp-325Wp)
TEL24P305										
TEL24P310										
TEL24P315										
TEL24P320										
ii	Multi C-Si Module	TEL24P340 (330Wp-350Wp)	TEL24P325					72 (Full Cells)	10.03.2021	09.03.2023
			TEL24P330							
			TEL24P335							
			TEL24P340							
iii	Multi C-Si Module	TEL66P285 (275Wp-300Wp)	TEL24P345					66 (Full Cells)	10.03.2021	09.03.2023
			TEL24P350							
			TEL66P275							
			TEL66P280							
			TEL66P285							
iv	Multi C-Si Module	TEL12CP40 (40Wp)	TEL66P290	36 (Cut Cells)	10.03.2021	09.03.2023				
			TEL66P295							
v	Multi C-Si Module	TEL12CP74 (74 Wp), TEL12CP75 (75 Wp)	TEL66P300	36 (Cut Cells)	10.03.2021	09.03.2023				
			TEL12CP75							
vi	Multi C-Si Module	TEL12CP100 (100Wp)	TEL12CP40	36 (Cut Cells)	10.03.2021	09.03.2023				
			TEL12CP100							
vii	Mono C-Si PERC Module	TEL24MP335 (320Wp-350Wp)	TEL24MP320	72 (Full Cells)	10.03.2021	09.03.2023				
			TEL24MP325							
			TEL24MP330							
			TEL24MP335							
			TEL24MP340							
viii	Mono C-Si PERC Module	TEL24MP380 (380Wp)	TEL24MP345	72 (Full Cells)	10.03.2021	09.03.2023				
			TEL24MP350							

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17	Waaree Energies Ltd.	Tumb, Umbergaon, Valsad, Gujarat, India	1000	i	Multi C-Si Modules	WS-340 (330Wp-350Wp)	WS-330	72 (Full Cells)	10.03.2021	09.03.2023
							WS-335			
							WS-340			
							WS-345			
							WS-350			
18	Waaree Energies Ltd.	Surat SEZ, Diamond Park, Sachin, Surat, Gujarat, India	500	i	Multi C-Si Modules	WS-340 (330Wp-350Wp)	WS-330	72 (Full Cells)	10.03.2021	09.03.2023
							WS-335			
							WS-340			
							WS-345			
				ii	Mono C-Si Modules	WSM-390 (380Wp-400Wp)	WSM-380	72 (Full Cells)	10.03.2021	09.03.2023
							WSM-385			
							WSM-390			
							WSM-395			
19	Waaree Renewables Pvt. Ltd.	Nandigram, Umbergaon, Valsad, Gujarat, India	500	i	Multi C-Si Modules	WS-340 (330Wp-350Wp)	WS-330	72 (Full Cells)	10.03.2021	09.03.2023
							WS-335			
							WS-340			
							WS-345			
				ii	Mono C-Si Modules	WSM-380 (380Wp)	WSM-380	72 (Full Cells)	10.03.2021	09.03.2023

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20	Icon Solar-En Power Technologies Pvt. Ltd.	Dighari, Mandir Hasaud, Arang, Raipur, Chhattisgarh, India	125	i	Multi C-Si Modules	ISEN335 (320Wp-350Wp)	ISEN320	72 (Full Cells)	10.03.2021	09.03.2023											
							ISEN325														
							ISEN330														
				ii	Multi C-Si Modules	ISEN305 (300Wp-315Wp)	ISEN335	72 (Full Cells)	10.03.2021	09.03.2023											
							ISEN340														
							ISEN345														
				iii	Multi C-Si Modules	ISEN290 (280Wp-300Wp)	ISEN350	66 (Full Cells)	10.03.2021	09.03.2023											
							ISEN300														
							ISEN305														
iv	Multi C-Si Modules	ISEN260 (250Wp-270Wp)	ISEN310	60 (Full Cells)	10.03.2021	09.03.2023															
			ISEN315																		
			ISEN280																		
v	Multi C-Si Modules	ISEN240 (230Wp-250Wp)	ISEN285	54 (Full Cells)	10.03.2021	09.03.2023															
			ISEN290																		
			ISEN295																		
vi	Multi C-Si Modules	ISEN210 (200Wp-215Wp)	ISEN300N	48 (Full Cells)	10.03.2021	09.03.2023															
			ISEN250																		
			ISEN255																		
vii	Multi C-Si Modules	ISEN155 (150Wp-160Wp)	ISEN260	36 (Full Cells)	10.03.2021	09.03.2023															
			ISEN265																		
			ISEN270																		
viii	Multi C-Si Modules	ISEN75 (75Wp)	ISEN230	36 (Cut Cells)	10.03.2021	09.03.2023															
			ISEN235																		
ix	Multi C-Si Modules	ISEN40 (40Wp)	ISEN240	36 (Cut Cells)	10.03.2021	09.03.2023															
			ISEN245																		
21	PV Power Technologies Pvt. Ltd.	Tarapur Textile Park Ltd., Boisar East, Palghar, Maharashtra, India	200	i	Multi C-Si Modules	ECO 325H (315Wp-335Wp)	ISEN250N	72 (Full Cells)	10.03.2021	09.03.2023											
							ISEN200														
							ISEN205														
				ii	Multi C-Si Modules	ECO 315 (300Wp-330Wp)	ISEN210	72 (Full Cells)	10.03.2021	09.03.2023											
							ISEN215														
							ISEN150														
				iii	Mono C-Si Modules	ECO 355M (340Wp-370Wp)	ISEN155	72 (Full Cells)	10.03.2021	09.03.2023											
							ISEN160														
							ISEN75														
ECO 315H	ECO 320H	ECO 325H	ECO 330H	ECO 335H	72 (Full Cells)	10.03.2021	09.03.2023														
								ECO 300	ECO 305	ECO 310	ECO 315	ECO 320	ECO 325	ECO 330							
															ECO 340M	ECO 345M	ECO 350M	ECO 355M	ECO 360M	ECO 365M	ECO 370M

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22	Saatvik 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							
viii	Multi C-Si Modules	SGE 340-72P (335Wp-345Wp)	SGE 325-72P	72 (Full Cells)	10.03.2021	09.03.2023				
			SGE 330-72P							
			SGE 335-72P							
ix	Mono C-Si Modules	SGE 185-36M (180Wp-190Wp)	SGE 340-72P	36 (Full Cells)	10.03.2021	09.03.2023				
			SGE 345-72P							
			SGE 180-36M							
x	Mono C-Si Modules	SGE 245-48M (235Wp-255Wp)	SGE 185-36M	48 (Full Cells)	10.03.2021	09.03.2023				
			SGE 190-36M							
			SGE 235-48M							
			SGE 240-48M							
			SGE 245-48M							
xi	Mono C-Si Modules	SGE 275-54M (265Wp-285Wp)	SGE 250-48M	54 (Full Cells)	10.03.2021	09.03.2023				
			SGE 255-48M							
			SGE 265-54M							
			SGE 270-54M							
xii	Mono C-Si Modules	SGE 300-60M (285Wp-315Wp)	SGE 275-54M	60 (Full Cells)	10.03.2021	09.03.2023				
			SGE 280-54M							
			SGE 285-54M							
			SGE 285-60M							
			SGE 290-60M							
			SGE 295-60M							
xiii	Mono C-Si Modules	SGE 370-72M (355Wp-385Wp)	SGE 300-60M	72 (Full Cells)	10.03.2021	09.03.2023				
			SGE 305-60M							
			SGE 310-60M							
			SGE 315-60M							
			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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23	Navitas Green Solutions Pvt. Ltd.	Hojiwala Industrial Estate, Surat, Gujarat, India	100	i	Mono C-Si PERC Modules	NSM365 (345Wp-380Wp)	NSM345 NSM350 NSM355 NSM360 NSM365 NSM370 NSM375 NSM380	72 (Full Cells)	10.03.2021	09.03.2023
				ii	Mono C-Si PERC Modules	NSM330 (320Wp-340Wp)	NSM320 NSM325 NSM330 NSM335 NSM340	72 (Full Cells)	10.03.2021	09.03.2023
				iii	Mono C-Si PERC Modules	NSM315-60 (300Wp-330Wp)	NSM300-60 NSM305-60 NSM310-60 NSM315-60 NSM320-60 NSM325-60 NSM330-60	60 (Full Cells)	10.03.2021	09.03.2023
				iv	Mono C-Si PERC Modules	NSM285-60 (270Wp-295Wp)	NSM270-60 NSM275-60 NSM280-60 NSM285-60 NSM290-60 NSM295-60	60 (Full Cells)	10.03.2021	09.03.2023
				v	Mono C-Si PERC Modules	NSM260-60 (250Wp-265Wp)	NSM250-60 NSM255-60 NSM260-60 NSM265-60	60 (Full Cells)	10.03.2021	09.03.2023
				vi	Mono C-Si PERC Modules	NSM340-66 (325Wp-355Wp)	NSM325-66 NSM330-66 NSM335-66 NSM340-66 NSM345-66 NSM350-66 NSM355-66	66 (Full Cells)	10.03.2021	09.03.2023
				vii	Mono C-Si PERC Modules	NSM305-66 (295Wp-320Wp)	NSM295-66 NSM300-66 NSM305-66 NSM310-66 NSM315-66 NSM320-66	66 (Full Cells)	10.03.2021	09.03.2023
				viii	Mono C-Si PERC Modules	NSM180-36 (175Wp-185Wp)	NSM175-36 NSM180-36 NSM185-36	36 (Full Cells)	10.03.2021	09.03.2023
				ix	Mono C-Si PERC Modules	NSM165-36 (160Wp-170Wp)	NSM160-36 NSM165-36 NSM170-36	36 (Full Cells)	10.03.2021	09.03.2023
				x	Mono C-Si PERC Modules	NSM150-36 (150Wp). NSM155-36 (155Wp)	NSM150-36 NSM155-36	36 (Full Cells)	10.03.2021	09.03.2023
				xi	Multi C-Si Modules	NSA330 (315Wp-345Wp)	NSA315 NSA320 NSA325 NSA330 NSA335	72 (Full Cells)	10.03.2021	09.03.2023

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			NSA340			
			NSA345			
			NSA295			
xii	Multi C-Si Modules	NSA305 (295Wp-310Wp)	NSA300	72 (Full Cells)	10.03.2021	09.03.2023
			NSA305			
			NSA310			
			NSA295-66			
			NSA300-66			
			NSA305-66			
xiii	Multi C-Si Modules	NSA310-66 (295Wp-325Wp)	NSA310-66	66 (Full Cells)	10.03.2021	09.03.2023
			NSA315-66			
			NSA320-66			
			NSA325-66			
			NSA275-66			
			NSA280-66			
			NSA285-66			
xiv	Multi C-Si Modules	NSA280-66 (275Wp-290Wp)	NSA290-66	66 (Full Cells)	10.03.2021	09.03.2023
			NSA280-60			
			NSA285-60			
			NSA290-60			
			NSA295-60			
			NSA300-60			
			NSA255-60			
			NSA260-60			
			NSA265-60			
			NSA270-60			
			NSA275-60			
xvi	Multi C-Si Modules	NSA265-60 (255Wp-275Wp)	NSA250-60	60 (Full Cells)	10.03.2021	09.03.2023
xvii	Multi C-Si Modules	NSA250-60 (250Wp)	NSA165-36F	60 (Full Cells)	10.03.2021	09.03.2023
			NSA170-36F			
			NSA175-36F			
xviii	Multi C-Si Modules	NSA170-36F (165Wp-175Wp)	NSA150-36F	36 (Full Cells)	10.03.2021	09.03.2023
			NSA155-36F			
			NSA160-36F			
xix	Multi C-Si Modules	NSA155-36F (150Wp-160Wp)	NSA310-144	36 (Full Cells)	10.03.2021	09.03.2023
			NSA315-144			
			NSA320-144			
			NSA325-144			
			NSA330-144			
			NSA335-144			
			NSA340-144			
			NSA300-144			
			NSA305-144			
xx	Multi C-Si Modules	NSA300-144 (300Wp), NSA305-144 (305Wp)	NSA160-36F	144 (Half Cut Cells)	10.03.2021	09.03.2023
			NSA165-36F			
			NSA170-36F			
xxi	Multi C-Si Modules	NSA165-36F (160Wp-170Wp)	NSA110-36	36 (Full Cells)	10.03.2021	09.03.2023
xxii	Multi C-Si Modules	NSA110-36 (110Wp)	NSA74-36	36 (Cut Cells)	10.03.2021	09.03.2023
xxiii	Multi C-Si Modules	NSA74-36 (74Wp), NSA75-36 (75Wp)	NSA75-36	36 (Cut Cells)	10.03.2021	09.03.2023

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