

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
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Encl: as above

To: All Concerned

Copy to: 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 (As on 22.03.2024)																				
S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
1	Emmvee Photovoltaic Power Pvt. Ltd.	#13/1, International Airport Road (Bellary Road), Bettahalsuru Post, Bengaluru-562157, Karnataka	R-62001074	512	i	Mono C-Si PERC Modules	E390M72 (390 Wp)	E385M72	19.20	72 (Full Cells)	1500	10.03.2023	09.03.2027							
								E390M72	19.45											
					ii	Mono C-Si PERC Modules	E325M60 (325 Wp)	E395M72	19.70	60 (Full Cells)	1500	10.03.2023	09.03.2027							
								E320M60	19.04											
2	M/s Sova Solar Ltd.	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal, India.	R-51000590	532	i	Mono C-Si PERC Modules	SS535144HCMP (535Wp)	SS520144HCMP	20.16	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027							
								SS525144HCMP	20.35											
								SS530144HCMP	20.54											
								SS535144HCMP	20.74											
								SS540144HCMP	20.93											
								SS545144HCMP	21.13											
								SS550144HCMP	21.32											
								SS555144HCMP	21.51											
								SS520144HCBP	20.16											
								SS525144HCBP	20.35											
					ii	Mono C-Si PERC Bifacial Modules	SS535144HCBP (535Wp)	SS530144HCBP	20.54	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027							
								SS535144HCBP	20.74											
								SS540144HCBP	20.93											
								SS545144HCBP	21.13											
								SS550144HCBP	21.32											
								SE5M24370	19.04					72 (Full Cells)	1000	10.03.2023	09.03.2027			
								SE5M24375	19.30											
								SE5M24380	19.55											
								ii	Mono C-Si PERC Modules					SE520CM120W320 (320 Wp)	SE520CM120W320	19.21	120 (Half Cells)	1000	10.03.2023	09.03.2027
															SE524CM144W375	19.01				
iii	Mono C-Si PERC Modules	SE524CM144W380 (380 Wp)	SE524CM144W380	19.30	144 (Half Cells)	1000	10.03.2023	09.03.2027												
			SE524CM144W385	19.51																
			SGE 190-36M	19.11					36 (Full Cells)	1000	10.03.2023	09.03.2027								
SGE 255-48M	19.37																			
iii	Mono C-Si PERC Modules	SGE 285-54M (285 Wp)	SGE 280-54M	19.15	54 (Full Cells)	1000	10.03.2023	09.03.2027												
			SGE 285-54M	19.49																
iv	Mono C-Si PERC Modules	SGE 315-60M (315 Wp)	SGE 310-60M	19.08	60 (Full Cells)	1500	10.03.2023	09.03.2027												
			SGE 315-60M	19.41																
v	Mono C-Si PERC Modules	SGE 375-72M (375 Wp)	SGE 370-72M	19.09	72 (Full Cells)	1500	10.03.2023	09.03.2027												
			SGE 375-72M	19.35																
vi	Mono C-Si PERC Modules	SGE570-156MHC, (570 Wp)	SGE 380-72M	19.78	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027												
			SGE555-156MHC	19.61																
			SGE560-156MHC	19.78																
			SGE565-156MHC	19.96																
			SGE570-156MHC	20.14																
			SGE575-156MHC	20.32																
			SGE580-156MHC	20.50																
			SGE585-156MHC	20.67																
			SGE590-156MHC	20.85																
			SGE595-156MHC	21.03																
vii	Mono C-Si PERC Modules	SGE530-144MHC, (530 Wp)	SGE520-144MHC	20.13	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027												
			SGE525-144MHC	20.32																
			SGE530-144MHC	20.52																
			SGE535-144MHC	20.70																
			SGE540-144MHC	20.90																
			SGE545-144MHC	21.10																
viii	Mono C-Si PERC Modules	SGE485-132MHC, (485 Wp)	SGE550-144MHC	21.29	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027												
			SGE470-132MHC	19.78																
			SGE475-132MHC	20.01																
			SGE480-132MHC	20.23																
			SGE485-132MHC	20.41																
			SGE490-132MHC	20.63																
			SGE495-132MHC	20.84																
			SGE500-132MHC	21.05																
			ix	Mono C-Si PERC Modules					SGE440-120MHC, (440 Wp)	SGE420-120MHC	19.37	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
										SGE425-120MHC	19.60									
SGE430-120MHC	19.83																			
SGE435-120MHC	20.06																			
SGE440-120MHC	20.29																			
SGE445-120MHC	20.52																			
SGE450-120MHC	20.76																			
SGE455-120MHC	20.99																			
x	Mono C-Si PERC Modules	SGE395-108MHC, (395 Wp)			SGE380-108MHC	19.44	108 (Half Cut Cells)	1500		10.03.2023	09.03.2027									
					SGE385-108MHC	19.69														
			SGE390-108MHC	19.95																
			SGE395-108MHC	20.20																
			SGE400-108MHC	20.46																
			SGE405-108MHC	20.71																
SGE410-108MHC	20.98																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	Mono C-Si PERC Modules	SGE 395-72M, (395 Wp)	SGE 385-72M 19.22 SGE 390-72M 19.47 SGE 395-72M 19.72 SGE 400-72M 19.97		72 (Full Cell)	1500	10.03.2023	09.03.2027
5	Navitas Green Solutions Pvt. Ltd.	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleshwar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72003140	250	i	Mono C-Si PERC Modules	NSM375 (375 Wp)	NSM370 19.07 NSM375 19.33 NSM380 19.58		72 (Full Cells)	1500	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Modules	NSM320-60 (320 Wp)	NSM310-60 19.09 NSM315-60 19.40 NSM320-60 19.71 NSM325-60 20.02 NSM330-60 20.33 NSM340-66 19.03		60 (Full Cells)	1500	10.03.2023	09.03.2027
					iii	Mono C-Si PERC Modules	NSM350-66 (350 Wp)	NSM345-66 19.31 NSM350-66 19.59 NSM355-66 19.87		66 (Full Cells)	1500	10.03.2023	09.03.2027
					iv	Mono PERC C-Si Module	NSM580-156 (580 Wp)	NSM570-156 20.39 NSM575-156 20.57 NSM580-156 20.74 NSM585-156 20.92		156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					v	Mono PERC C-Si Module	NSM540-144 (540 Wp)	NSM525-144 20.32 NSM530-144 20.51 NSM535-144 20.71 NSM540-144 20.90 NSM545-144 21.09 NSM550-144 21.29 NSM555-144 21.48 NSM560-144 21.67		144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					vi	Mono PERC C-Si Module	NSM500-132 (500 Wp)	NSM480-132 20.21 NSM485-132 20.42 NSM490-132 20.64 NSM495-132 20.85 NSM500-132 21.06		132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					vii	Mono PERC C-Si Module	NSM445-120 (445 Wp)	NSM435-120 20.09 NSM440-120 20.33 NSM445-120 20.56 NSM450-120 20.79 NSM455-120 21.02		120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					viii	Mono PERC C-Si Module	NSM400-108 (400 Wp)	NSM390-108 19.96 NSM395-108 20.21 NSM400-108 20.47 NSM405-108 20.72 NSM410-108 20.98		108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					ix	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM350-96 20.06 NSM355-96 20.35 NSM360-96 20.64 NSM365-96 20.92		96 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					x	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM260-72 19.62 NSM265-72 20.00 NSM270-72 20.38 NSM275-72 20.76		72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xi	Mono PERC C-Si Module	NSM470-156 (470 Wp)	NSM460-156 19.65 NSM465-156 19.86 NSM470-156 20.07 NSM475-156 20.29 NSM480-156 20.50 NSM485-156 20.72		156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM435-144 20.08 NSM440-144 20.32 NSM445-144 20.78 NSM450-144 20.55 NSM455-144 21.01 NSM460-144 21.64 NSM465-144 21.47		144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xiii	Mono PERC C-Si Module	NSM405-132 (405 Wp)	NSM395-132 19.85 NSM400-132 20.10 NSM405-132 20.35 NSM410-132 20.60 NSM415-132 20.85		132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xiv	Mono PERC C-Si Module	NSM370-120 (370 Wp)	NSM360-120 19.84 NSM365-120 20.11 NSM370-120 20.39 NSM375-120 20.66		120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xv	Mono PERC C-Si Module	NSM330-108 (330 Wp)	NSM320-108 19.52 NSM325-108 19.82 NSM330-108 20.13 NSM335-108 20.43 NSM340-108 20.74 NSM285-96 19.47		108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xvi	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM290-96 19.81 NSM295-96 20.15 NSM300-96 20.49 NSM215-72 19.32		96 (Half Cut Cells)	1500	10.03.2023	09.03.2027

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xvii	Mono PERC C-Si Module	NSM220-72 (220 Wp)	NSM220-72 NSM225-72	19.77 20.22	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
					xviii	Mono PERC C-Si Module	NSM395 (395 Wp)	NSM385 NSM390 NSM395 NSM400	19.40 19.65 19.90 20.15	72 (Full Cells)	1500	10.03.2023	09.03.2027
6	Jakson Engineers Ltd.	Plot No-25, Ecotech-III, Udyog Kendra, Greater NOIDA-201306, Gautam Budha Nagar, Uttar Pradesh, India.	R-93005959	500	i	Mono C-Si PERC Modules	JH-440M, (440Wp)	JH-420M JH-425M JH-430M JH-435M JH-440M JH-445M JH-450M JH-455M JH-460M JH-470M	19.26 19.49 19.71 19.94 20.17 20.40 20.63 20.86 21.09 19.66	120 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
					ii	Mono C-Si PERC Modules	JH-490M, (490Wp)	JH-475M JH-480M JH-485M JH-490M JH-495M JH-500M JH-505M JH-510M JH-515M	19.87 20.08 20.29 20.50 20.71 20.92 21.13 21.34 19.85	132 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
					iii	Mono C-Si PERC Modules	JH-535M, (535Wp)	JH-520M JH-525M JH-530M JH-535M JH-540M JH-545M JH-550M JH-555M	20.04 20.23 20.43 20.62 20.81 21.00 21.20 21.39	144 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
					iv	Mono C-Si PERC Modules	JH-580M, (580Wp)	JH-565M JH-585M JH-590M JH-595M JH-600M	20.67 20.85 21.03 21.21 21.38	156 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
					v	Mono C-Si PERC Modules	JP-H395M, (385Wp-405Wp)	JP-H385M JP-H390M JP-H395M JP-H400M JP-H405M	19.37 19.62 19.87 20.12 20.37	72 (Full Cells)	1500	17.08.2023	16.08.2027
					vi	Mono C-Si PERC Modules	JH-400M, (400Wp)	JH-380M JH-385M JH-390M JH-395M JH-400M JH-405M JH-410M JH-415M	19.28 19.53 19.79 20.04 20.29 20.55 20.88 21.06	108 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
					vii	Mono c-Si Bifacial PERC Module	JH-400BB	JH-380BB JH-385BB JH-390BB JH-395BB JH-400BB JH-405BB JH-410BB JH-415BB	19.48 19.73 19.99 20.25 20.50 20.76 21.01 21.27	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
					viii	Mono c-Si Bifacial PERC Module	JH-440BB	JH-420BB JH-425BB JH-430BB JH-435BB JH-440BB JH-445BB JH-450BB JH-455BB JH-460BB JH-475BB	19.39 19.62 19.85 20.08 20.31 20.54 20.77 21.00 21.23 20.02	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
					ix	Mono c-Si Bifacial PERC Module	JH-490BB	JH-480BB JH-485BB JH-490BB JH-495BB JH-500BB JH-505BB JH-510BB JH-515BB JH-520BB	20.23 20.44 20.65 20.86 21.07 21.29 21.50 21.71 20.15	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
					x	Mono c-Si Bifacial PERC Module	JH-535BB	JH-525BB JH-530BB JH-535BB JH-540BB JH-545BB JH-550BB	20.34 20.53 20.73 20.92 21.11 21.31	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
								JH-5558B	21.50	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027												
								JH-3808T	19.48																
								JH-3858T	19.73																
								JH-3908T	19.99																
								JH-3958T	20.25																
								JH-4008T	20.50																
								JH-4058T	20.76																
								JH-4108T	21.01																
								JH-4158T	21.27																
								JH-4208T	19.39																
								JH-4258T	19.62																
								JH-4308T	19.85																
								JH-4358T	20.08																
								JH-4408T	20.31																
								JH-4458T	20.54																
								JH-4508T	20.77																
								JH-4558T	21.00																
								JH-4608T	21.23																
								JH-4758T	20.02																
								JH-4808T	20.23																
								JH-4858T	20.44																
								JH-4908T	20.65																
								JH-4958T	20.86																
								JH-5008T	21.07																
								JH-5058T	21.29																
								JH-5108T	21.50																
								JH-5158T	21.71																
								JH-5208T	20.15																
								JH-5258T	20.34																
								JH-5308T	20.53																
								JH-5358T	20.73																
								JH-5408T	20.92																
								JH-5458T	21.11																
								JH-5508T	21.31																
								JH-5558T	21.50																
								JH-3808W	19.48																
								JH-3858W	19.73																
								JH-3908W	19.99																
								JH-3958W	20.25																
								JH-4008W	20.50																
								JH-4058W	20.76																
								JH-4108W	21.01																
								JH-4158W	21.27																
								JH-4208W	19.39																
								JH-4258W	19.62																
								JH-4308W	19.85																
								JH-4358W	20.08																
								JH-4408W	20.31																
								JH-4458W	20.54																
								JH-4508W	20.77																
								JH-4558W	21.00																
								JH-4608W	21.23																
								JH-4758W	20.02																
								JH-4808W	20.23																
								JH-4858W	20.44																
								JH-4908W	20.65																
								JH-4958W	20.86																
								JH-5008W	21.07																
								JH-5058W	21.29																
								JH-5108W	21.50																
								JH-5158W	21.71																
								JH-5208W	20.15																
								JH-5258W	20.34																
								JH-5308W	20.53																
								JH-5358W	20.73																
								JH-5408W	20.92																
								JH-5458W	21.11																
								JH-5508W	21.31																
								JH-5558W	21.50																
								7	Insolation Energy Pvt. Ltd					Khasra No 766/2, Vill-Bagwara, Teh-Amer Jaipur, Rajasthan	R-84002330	174	i	Mono c-Si PERC Module	INA72MP375	INA72MP375	19.23	72 (Full Cells)	1500	29.09.2023	28.09.2027
																	ii	Mono c-Si PERC Module	INA72MP385	INA72MP395	19.80	72 (Full Cells)	1500	29.09.2023	28.09.2027
								8	Gautam Solar Pvt. Ltd.					Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	R-83006041	319	i	Mono c-Si PERC Modules	G2XBifacial1767-HAE (590 Wp) (565Wp-595Wp)	G2XBifacial1734-HAE	20.20	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
																				G2XBifacial1741-HAE	20.38				
																				G2XBifacial1747-HAE	20.56				
																				G2XBifacial1754-HAE	20.74				
																				G2XBifacial1760-HAE	20.92				
																				G2XBifacial1767-HAE	21.10				
																				G2XBifacial1773-HAE	21.28				
																				G2XBifacial1663-HAD	19.74				
																				G2XBifacial1669-HAD	19.94				
																				G2XBifacial1676-HAD	20.13				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Modules	G2XBifacial1695-HAD (535 Wp) (510Wp-550Wp)	G2XBifacial1682-HAD 20.32 G2XBifacial1689-HAD 20.52 G2XBifacial1695-HAD 20.71 G2XBifacial1702-HAD 20.90 G2XBifacial1708-HAD 21.10 G2XBifacial1715-HAD 21.29	20.32 20.52 20.71 20.90 21.10 21.29	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					iii	Mono c-Si PERC Modules	G2XBifacial1643-HAB (405 Wp) (485Wp-505Wp)	G2XBifacial1656-HAB 21.13 G2XBifacial1650-HAB 20.92 G2XBifacial1643-HAB 20.71 G2XBifacial1637-HAB 20.50 G2XBifacial1630-HAB 20.29	21.13 20.92 20.71 20.50 20.29	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					iv	Mono c-Si PERC Modules	G2XBifacial1585-HAA (450 Wp) (440Wp-460Wp)	G2XBifacial1598-HAA 21.09 G2XBifacial1591-HAA 20.87 G2XBifacial1585-HAA 20.64 G2XBifacial1578-HAA 20.41 G2XBifacial1572-HAA 20.18	21.09 20.87 20.64 20.41 20.18	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					v	Mono c-Si PERC Modules	G2XBifacial1526-HAY (405 Wp) (390Wp-415Wp)	G2XBifacial1539-HAY 21.06 G2XBifacial1533-HAY 20.80 G2XBifacial1526-HAY 20.55 G2XBifacial1520-HAY 20.30 G2XBifacial1507-HAY 19.79	21.06 20.80 20.55 20.30 19.79	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					vi	Mono c-Si PERC Modules	G2XBifacial1468-HAX (360 Wp) (365Wp-350Wp)	G2XBifacial1474-HAX 20.71 G2XBifacial1468-HAX 20.43 G2XBifacial1461-HAX 20.14 G2XBifacial1455-HAX 19.86	20.71 20.43 20.14 19.86	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					vii	Mono c-Si PERC Modules	G2X590-HAE (590 Wp)	G2X565-HAE 20.20 G2X570-HAE 20.38 G2X575-HAE 20.56 G2X580-HAE 20.74 G2X585-HAE 20.92 G2X590-HAE 21.10 G2X595-HAE 21.28	20.20 20.38 20.56 20.74 20.92 21.10 21.28	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					viii	Mono c-Si PERC Modules	G2X530-HAD (530 Wp)	G2X510-HAD 19.74 G2X515-HAD 19.94 G2X520-HAD 20.13 G2X525-HAD 20.32 G2X530-HAD 20.52 G2X535-HAD 20.71 G2X540-HAD 20.90 G2X545-HAD 21.10 G2X550-HAD 21.29	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10 21.29	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					ix	Mono c-Si PERC Modules	G2X495-HAB (495 Wp)	G2X505-HAB 21.13 G2X500-HAB 20.92 G2X495-HAB 20.71 G2X490-HAB 20.50 G2X485-HAB 20.29	21.13 20.92 20.71 20.50 20.29	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					x	Mono c-Si PERC Modules	G2X450-HAA (450 Wp)	G2X460-HAA 21.09 G2X455-HAA 20.87 G2X450-HAA 20.64 G2X445-HAA 20.41 G2X440-HAA 20.18	21.09 20.87 20.64 20.41 20.18	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xi	Mono c-Si PERC Modules	G2X405-HAY (405 Wp)	G2X415-HAY 21.06 G2X410-HAY 20.80 G2X405-HAY 20.55 G2X400-HAY 20.30 G2X390-HAY 19.79	21.06 20.80 20.55 20.30 19.79	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xii	Mono c-Si PERC Modules	G2X360-HAX (360 Wp)	G2X365-HAX 20.71 G2X360-HAX 20.43 G2X355-HAX 20.14 G2X350-HAX 19.86	20.71 20.43 20.14 19.86	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xiii	Mono c-Si PERC Modules	GS-420-AAA (420 Wp)	GS-410-AAA 19.03 GS-415-AAA 19.26 GS-420-AAA 19.49 GS-425-AAA 19.72 GS-430-AAA 19.95	19.03 19.26 19.49 19.72 19.95	78 (Full Cells)	1500	29.09.2023	28.09.2027
					xiv	Mono c-Si PERC Modules	GS-400-AAB (400 Wp)	GS-380-AAB 19.13 GS-385-AAB 19.39 GS-390-AAB 19.64 GS-395-AAB 19.89 GS-400-AAB 20.14 GS-405-AAB 20.39 GS-410-AAB 20.64 GS-415-AAB 20.90 GS-420-AAB 21.15	19.13 19.39 19.64 19.89 20.14 20.39 20.64 20.90 21.15	72 (Full Cells)	1500	29.09.2023	28.09.2027
					xv	Mono c-Si PERC Modules	GS-360-AAC (360 Wp)	GS-350-AAC 19.13 GS-355-AAC 19.40 GS-360-AAC 19.67 GS-365-AAC 19.95 GS-370-AAD 19.16	19.13 19.40 19.67 19.95 19.16	66 (Full Cells)	1500	29.09.2023	28.09.2027
					xvi	Mono c-Si PERC Modules	GS-330-AAD (330 Wp)	GS-325-AAD 19.46 GS-330-AAD 19.76	19.46 19.76	60 (Full Cells)	1500	29.09.2023	28.09.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xvii	Mono c-Si PERC Modules	GS-295-AAE (295 Wp)	GS-335-AAD GS-290-AAE GS-295-AAE GS-300-AAE	20.06 19.21 19.54 19.87	54 (Full Cells)	1500	29.09.2023	28.09.2027
					xviii	Mono c-Si PERC Modules	GS-260-AAF (260 Wp)	GS-260-AAF GS-265-AAF	19.26 19.63	48 (Full Cells)	1500	29.09.2023	28.09.2027
					xix	Mono c-Si PERC Modules	GS-230-AAG (230 Wp)	GS-230-AAG	19.33	42 (Full Cells)	1500	29.09.2023	28.09.2027
					xx	Mono c-Si PERC Modules	GS-200-AAH (200 Wp)	GS-195-AAH GS-200-AAH GS-205-AAH GS-210-AAH	19.26 19.75 20.25 20.74	36 (Full Cells)	1500	29.09.2023	28.09.2027
9	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	R-71010499	261	i	Mono c-Si PERC Modules	NOVA195MP36 (195Wp)	NOVA195MP36	19.4	36 (Full Cell)	1500	24.02.2024	23.02.2028
					ii	Mono c-Si PERC Modules	NOVA250MP48 (250Wp)	NOVA255MP48 NOVA260MP48 NOVA315MP60	19.2 19.6 19.2	48 (Full Cell)	1500	24.02.2024	23.02.2028
					iii	Mono c-Si PERC Modules	NOVA320MP60 (320Wp)	NOVA320MP60 NOVA325MP60 NOVA330MP60 NOVA340MP66	19.5 19.8 20.1 19	60 (Full Cell)	1500	24.02.2024	23.02.2028
					iv	Mono c-Si PERC Modules	NOVA350MP66 (350Wp)	NOVA345MP66 NOVA350MP66 NOVA355MP66 NOVA360MP66	19.3 19.6 19.9 20.1	66 (Full Cell)	1500	24.02.2024	23.02.2028
					v	Mono c-Si PERC Modules	NOVA290MP54 (290Wp)	NOVA285MP54 NOVA290MP54 NOVA295MP54 NOVA380MP72	19.2 19.5 19.9 19.14	54 (Full Cell)	1500	24.02.2024	23.02.2028
					vi	Mono c-Si PERC Modules	NOVA380MP72 (380Wp)	NOVA385MP72 NOVA390MP72 NOVA395MP72	19.4 19.65 19.9	72 (Full Cells)	1500	24.02.2024	23.02.2028
					vii	Mono c-Si PERC Modules	NOVA380MP144 (380Wp)	NOVA380MP144 NOVA385MP144 NOVA390MP144 NOVA395MP144	19 19.3 19.5 19.8	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					viii	Mono c-Si PERC Modules	NOVA350MP96 (350 Wp)	NOVA335MP96 NOVA340MP96 NOVA345MP96 NOVA350MP96 NOVA355MP96 NOVA360MP96	19.06 19.35 19.63 19.92 20.21 20.5	96 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ix	Mono c-Si PERC Modules	NOVA265MP72 (265 Wp)	NOVA365MP96 NOVA355MP72 NOVA360MP72 NOVA265MP72 NOVA270MP72 NOVA275MP72	20.78 19.06 19.45 19.81 20.19 20.57	72 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					x	Mono c-Si PERC Modules	NOVA390MP108 (390 Wp)	NOVA375MP108 NOVA380MP108 NOVA385MP108 NOVA390MP108 NOVA395MP108 NOVA400MP108 NOVA405MP108	19.11 19.37 19.63 19.88 20.14 20.4 20.66	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					xi	Mono c-Si PERC Modules	NOVA415MP108 (415 Wp)	NOVA410MP108 NOVA415MP108 NOVA415MP120 NOVA420MP120 NOVA425MP120 NOVA430MP120	20.91 21.17 19.11 19.34 19.57 19.8	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					xii	Mono c-Si PERC Modules	NOVA435MP120 (435 Wp)	NOVA435MP120 NOVA440MP120 NOVA445MP120 NOVA450MP120 NOVA455MP120	20.03 20.26 20.49 20.72 20.95	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					xiii	Mono c-Si PERC Modules	NOVA460MP 120 (460 Wp)	NOVA460MP 120	21.18	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					xiv	Mono c-Si PERC Modules	NOVA475MP132 (475 Wp)	NOVA455MP132 NOVA460MP132 NOVA465MP132 NOVA470MP132 NOVA475MP132 NOVA480MP132 NOVA485MP132 NOVA490MP132 NOVA495MP132	19.2 19.41 19.62 19.83 20.04 20.25 20.46 20.67 20.89	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					xv	Mono c-Si PERC Modules	NOVA500MP132 (500 Wp)	NOVA500MP132	21.1	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA505MP132 NOVA495MP144 NOVA500MP144 NOVA505MP144 NOVA510MP144 NOVA515MP144 NOVA520MP144 NOVA525MP144 NOVA530MP144 NOVA535MP144 NOVA540MP144 NOVA545MP144	21.31 19.16 19.35 19.54 19.74 19.94 20.13 20.31 20.51 20.7 20.89 21.09	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					xvii	Mono c-Si PERC Modules	NOVA550MP144 (550Wp)	NOVA550MP144	21.28	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
10	M/s. Pahal Solar	189, Block No.-71, Olpad Sayan Road, Atodara, Olpad Surat-394540, Gujarat	R-72001848	306	i	Mono c-Si PERC Modules	PS_540 (540Wp)	PS_550 PS_545 PS_540 PS_535 PS_530	21.29 21.09 20.9 20.71 20.51	144 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					ii	Mono c-Si PERC Modules	PS_500 (500Wp)	PS_525 PS_500 PS_495	20.32 19.35 19.16	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					iii	Mono c-Si PERC Modules	PS_445 (445Wp)	PS_445 PS_440 PS_435 PS_430	20.37 20.14 19.91 19.68	144 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					iv	Mono c-Si PERC Modules	PS_415 (415 Wp)	PS_415	19	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028
					v	Mono c-Si PERC Modules	PS_370 (370 Wp)	PS_380 PS_375 PS_370	19.53 19.28 19.02	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028
11	Pixon Green Energy Pvt. Ltd.	R.S. No. 157/1, 158/1, 158/2, 165/1, 166 of Khijadiya Nana, R.S. No. 15/1 of Depaliya, Padadhari, Rajkot Gujarat-360110	R-72004570	200	i	Mono c-Si PERC Modules	PIX MP3 72 390 (390 Wp)	PIX MP3 72 380 PIX MP3 72 385 PIX MP3 72 390 PIX MP3 72 395 PIX MP3 72 400	19.14 19.4 19.65 19.9 20.15	72 (Full Cells)	1500	24.02.2024	23.02.2028
12	Alpex Solar Pvt. Ltd.	Plot No. I-25 &I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306	R-93007480	248	i	MONO C-Si PERC Modules.	ALP380WWM, (380Wp-385Wp)	ALP380WWM (380 Wp) ALP385WWM (385 Wp)	19.38 19.64	72 (Full Cells)	1500	24.01.2024	23.01.2028
13	Vikram Solar Ltd.	B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu	R-61002070	1099	i	Mono c-Si PERC Modules	SOMERA VSMH.72.550.05 (550 Wp)	SOMERA VSMH.72.555.05 SOMERA VSMH.72.550.05 SOMERA VSMH.72.545.05 SOMERA VSMH.72.540.05 SOMERA VSMH.60.460.05 SOMERA VSMH.60.455.05 SOMERA VSMH.60.450.05 SOMERA VSMH.60.445.05	21.52 21.33 21.13 20.94 21.28 21.05 20.82 20.59	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Mono c-Si PERC Modules	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05 SOMERA VSMH.60.455.05 SOMERA VSMH.60.450.05 SOMERA VSMH.60.445.05	21.33 21.13 20.94 20.75	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.72.545.05 (545 Wp)	PARADEA VSMDH.72.550.05 PARADEA VSMDH.72.545.05 PARADEA VSMDH.72.540.05 PARADEA VSMDH.72.535.05	21.33 21.13 20.94 20.75	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Mono c-Si PERC Modules	PREXOS VSM DHT.72.535.05 (535 Wp)	PREXOS VSM DHT.72.535.05 PREXOS VSM DHT.72.530.05	20.75 20.55	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	Bifacial Mono c-Si PERC Modules	PARADEA VSM DH.66.650.05 (650 Wp)	PARADEA VSM DH.66.660.05 PARADEA VSM DH.66.655.05 PARADEA VSM DH.66.650.05 PARADEA VSM DH.66.645.05 PARADEA VSM DH.66.640.05 PARADEA VSM DH.66.635.05 PARADEA VSM DH.60.600.05 PARADEA VSM DH.60.595.05	21.25 21.09 20.92 20.76 20.60 20.44 21.20 21.02	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vi	Bifacial Mono c-Si PERC Modules	PARADEA VSM DH.60.590.05 (590 Wp)	PARADEA VSM DH.60.590.05 PARADEA VSM DH.60.585.05 PARADEA VSM DH.60.580.05 SOMERA VSMH.66.670.05 SOMERA VSMH.66.665.05 SOMERA VSMH.66.660.05 SOMERA VSMH.66.655.05 SOMERA VSMH.66.650.05 SOMERA VSMH.66.645.05 SOMERA VSMH.66.640.05	20.85 20.67 20.50 21.57 21.41 21.25 21.09 20.92 20.76 20.60	120(Half Cut Cells)	1500	24.02.2024	23.02.2028
					vii	Mono c-Si PERC Modules	SOMERA VSMH.66.655.05 (655 Wp)	SOMERA VSMH.66.670.05 SOMERA VSMH.66.665.05 SOMERA VSMH.66.660.05 SOMERA VSMH.66.655.05 SOMERA VSMH.66.650.05 SOMERA VSMH.66.645.05 SOMERA VSMH.66.640.05	21.57 21.41 21.25 21.09 20.92 20.76 20.60	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					viii	Mono c-Si PERC Modules	SOMERA VSMH.60.600.05 (600 Wp)	SOMERA VSMH.60.610.05 SOMERA VSMH.60.605.05 SOMERA VSMH.60.600.05 SOMERA VSMH.60.595.05 SOMERA VSMH.60.590.05 SOMERA VSMH.60.585.05 SOMERA VSMH.60.580.05	21.55 21.38 21.20 21.02 20.85 20.67	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ix	Mono c-Si PERC Modules	SOMERA VSMH.72.450.05 (450 Wp)	SOMERA VSMH.72.455.05 SOMERA VSMH.72.450.05	20.49 20.46 20.23	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028

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												From	To (subject to valid BIS Registration; else deemed to be delisted)		
14	Contendre Greenergy Pvt. Ltd.	Unit No: 1/6, Rajlakhmi HITech Industrial Park, Sonale Village, Bhiwandi, Maharashtra	R-71013196	47	i	Multi C-Si Modules	CG P36-40 (40Wp)	SOMERA VSMH.72.445.05	20.01	36 (Half-Cut Cells)	1500	30.12.2021	29.12.2023		
								SOMERA VSMH.72.440.05	19.79						
					ii	Multi C-Si Modules	CG P36-160 (160Wp)	CG P36-155	15.63	36 (Full Cells)	1500	30.12.2021	29.12.2023		
								CG P36-160	16.14						
					iii	Multi C-Si Modules	CG P72-320 (320Wp)	CG P36-165	16.53	72 (Full Cells)	1500	30.12.2021	29.12.2023		
								CG P72-305	15.76						
								CG P72-310	16.02						
								CG P72-315	16.28						
								CG P72-320	16.53						
								CG P72-325	16.79						
								CG P72-330	17.07						
								CG P72-335	17.18						
								CG M72-380	18.44						
								CG M72-385	18.69						
iv	Mono C-Si PERC Modules	CG M72-400 (400Wp)	CG M72-390	18.93	72 (Full Cells)	1500	30.12.2021	29.12.2023							
			CG M72-395	19.17											
			CG M72-400	19.41											
			CG M72-405	19.66											
			CG M72-410	19.90											
			CG M72-415	20.14											
			ECE036P155	15.66					36 (Full Cells)	1500	04.03.2022	03.03.2024			
			ECE036P160	16.16											
			ii	Multi C-Si Modules.					ECE036P170, (170Wp)	ECE036P165	16.67	36 (Full Cells)	1500	04.03.2022	03.03.2024
										ECE036P170	17.17				
iii	Multi C-Si Modules.	ECE060P270, (270Wp)	ECE060P260	16.1	60 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE060P265	16.4											
			ECE060P270	16.71											
			ECE060P275	17.02											
iv	Multi C-Si Modules.	ECE066P300, (300Wp)	ECE066P280	17.33	66 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE066P285	16.12											
			ECE066P290	16.4											
			ECE066P295	16.68											
			ECE066P300	16.97											
			ECE066P305	17.25											
			ECE066P310	17.53											
			ECE072P310	16.06					72 (Full Cells)	1500	04.03.2022	03.03.2024			
			ECE072P315	16.32											
			v	Multi C-Si Modules.					ECE072P320, (320Wp)	ECE072P320	16.58	72 (Full Cells)	1500	04.03.2022	03.03.2024
ECE072P325	16.83														
ECE072P330	16.9														
ECE-66P300	16.12	66 (Full Cells)			1500	04.03.2022	03.03.2024								
ECE-66P310	16.4														
vi	Multi C-Si Modules.	ECE-66P315, (315Wp)	ECE-66P315	16.68	66 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE-66P320	16.97											
			ECE-66P325	17.25											
			ECE-72P320	16.62					72 (Full Cells)	1500	04.03.2022	03.03.2024			
ECE-72P325	16.88														
vii	Multi C-Si Modules.	ECE-72P335, (335Wp)	ECE-72P330	17.14	72 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE-72P335	17.4											
			ECE-72P340	17.66											
			ECE-72P345	17.92											
			ECE-72P350	18.18											
viii	Mono C-Si PERC Modules.	ECE036M175, (175Wp)	ECE036M170	17.17	36 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE036M175	17.68											
			ECE036M180	18.18											
ix	Mono C-Si PERC Modules.	ECE036M185, (185Wp)	ECE036M185	18.69	36 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE060M280	17.33					60 (Full Cells)	1500	04.03.2022	03.03.2024			
			ECE060M285	17.64											
			ECE060M290	17.95											
x	Mono C-Si PERC Modules.	ECE060M285, (285Wp)	ECE060M295	18.26	60 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE060M300	18.57											
			ECE060M305	18.88											
xi	Mono C-Si PERC Modules.	ECE060M305, (305Wp)	ECE060M310	19.19	60 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE066M310	17.53											
			ECE066M315	17.82											
			ECE066M320	18.1											
			ECE066M325	18.38											
			ECE066M330	18.66											
			ECE066M335	18.95											
			ECE066M340	19.23											
			ECE072M335	17.35					72 (Full Cells)	1500	04.03.2022	03.03.2024			
			ECE072M340	17.61											
xiii	Mono C-Si PERC Modules.	ECE072M350, (350Wp)	ECE072M345	17.87	72 (Full Cells)	1500	04.03.2022	03.03.2024							
			ECE072M350	18.13											
			ECE072M355	18.39											
			ECE072M360	18.65											
			ECE072M365	18.91											

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiv	Mono C-Si PERC Modules.	ECE072M370, (370Wp)	ECE072M370	19.17	72 (Full Cells)	1500	04.03.2022	03.03.2024
16	Rayzon Solar Private Limited (formerly known as M/s. Rayzon Green Energies)	Block No-105, B/H Aron Pipes, B/H hariya Talav, Kim mandvi Road, Karan, Surat-394110, Gujrat, India.	R-72002305	945	i	Multi C-Si Modules	RGE310W72, (310Wp)	RGE300W72	15.54	72 (Full Cells)	1000	04.03.2022	03.03.2024
								RGE310W72	15.71				
								RGE310W72	15.98				
					ii	Multi C-Si Modules	RGE335W72, (335Wp)	RGE315W72	16.23				
								RGE320W72	16.58				
								RGE325W72	16.74				
								RGE330W72	17				
								RGE335W72	17.26				
					iii	Multi C-Si Modules	RGE305W66F, (305Wp)	RGE340W72	17.52				
								RGE345W72	17.78				
								RGE290W66F	14.95				
								RGE295W66F	15.2				
								RGE300W66F	15.46				
								RGE305W66F	15.72				
								RGE310W66F	15.98				
								RGE315W66F	16.23				
								RGE320W66F	16.49				
								RGE325W66F	16.74				
					iv	Multi C-Si Modules	RGE255W60F, (255Wp)	RGE250W60F	15.46				
								RGE255W60F	15.71				
								RGE260W60F	16.1				
					v	Multi C-Si Modules	RGE270W60F, (270Wp)	RGE265W60F	16.4				
								RGE270W60F	16.63				
								RGE275W60F	16.93				
					vi	Multi C-Si Modules	RGE230W54F, (230Wp)	RGE280W60F	17.28				
								RGE225W54F	16.07				
								RGE230W54F	16.48				
					vii	Multi C-Si Modules	RGE245W54F, (245Wp)	RGE235W54F	16.79				
								RGE240W54F	17.14				
								RGE245W54F	17.55				
					viii	Multi C-Si Modules	RGE205W48F, (205Wp)	RGE250W54F	17.86				
								RGE200W48F	15.62				
								RGE205W48F	15.45				
ix	Multi C-Si Modules	RGE220W48F, (220Wp)	RGE210W48F	15.79									
			RGE215W48F	16.17									
			RGE220W48F	16.58									
			RGE225W48F	16.92									
			RGE40W36C	14.39									
x	Multi C-Si Modules	RGE40W36C, (40Wp)	RGE50W36C	14.76	36 (Cut Cells)	600	04.03.2022	03.03.2024					
xi	Multi C-Si Modules	RGE50W36C, (50Wp)	RGE55W36C	13.24	36 (Cut Cells)	600	04.03.2022	03.03.2024					
xii	Multi C-Si Modules	RGE60W36C, (60Wp)	RGE60W36C	14.44	36 (Cut Cells)	600	04.03.2022	03.03.2024					
xiii	Multi C-Si Modules	RGE75W36C, (75Wp)	RGE75W36C	15.23	36 (Cut Cells)	600	04.03.2022	03.03.2024					
xiv	Multi C-Si Modules	RGE80W36C, (80Wp)	RGE80W36C	14.93	36 (Cut Cells)	600	04.03.2022	03.03.2024					
xv	Multi C-Si Modules	RGE100W36C, (100Wp)	RGE100W36C	15	36 (Cut Cells)	600	04.03.2022	03.03.2024					
xvi	Multi C-Si Modules	RGE110W36, (110Wp)	RGE110W36	16.5	36 (Cut Cells)	600	04.03.2022	03.03.2024					
xvii	Multi C-Si Modules	RGE125W36C, (125Wp)	RGE120W36C	14.68									
			RGE125W36C	15.23									
			RGE150W36F	15.13									
xviii	Multi C-Si Modules	RGE155W36F, (155Wp)	RGE155W36F	15.7									
			RGE160W36F	16.2									
xix	Multi C-Si Modules	RGE165W36F, (165Wp)	RGE165W36F	16.71									
			RGE300W54F	15.13									
			RGE295W54F	14.87									
xx	Mono C-Si PERC Modules	RGE300W54F, (300Wp)	RGE270W54F	13.61									
			RGE275W54F	13.86									
			RGE280W54F	14.15									
			RGE285W54F	14.36									
			RGE290W54F	14.63									
xxi	Mono C-Si PERC Modules	RGE280W54F, (280Wp)	RGE300W60F	15.12									
			RGE305W60F	15.38									
			RGE310W60F	15.64									
			RGE315W60F	15.91									
			RGE320W60F	16.15									
			RGE325W60F	16.39									
			RGE330W60F	16.63									
			RGE330W66F	16.63									
			RGE335W66F	16.92									
			RGE340W66F	17.13									
xxii	Mono C-Si PERC Modules	RGE345W66F, (345Wp)	RGE345W66F	17.38									
			RGE350W66F	17.65									
			RGE355W66F	17.9									
			RGE360W66F	18.16									
			RGE365W66F	18.41									
			RGE360W72F	18.14									
xxiii	Mono C-Si PERC Modules	RGE365W66F, (365Wp)	RGE365W72F	18.39									
			RGE365W72F	18.39									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvi	Mono C-Si PERC Modules	RGE375W72F, (375Wp)	RGE370W72F RGE375W72F RGE380W72F RGE385W72F RGE390W72F RGE395W72F	18.68 18.92 19.19 19.44 19.67 19.92	72 (Full Cells)	1500	04.03.2022	03.03.2024
					xxvii	Mono C-Si PERC Modules	RGE400W72F, (400Wp)	RGE400W72F	19.92 20.19	72 (Full Cells)	1500	04.03.2022	03.03.2024
					xxviii	Mono C-Si PERC Modules	RS345WC, (345Wp)	RS330WC RS335WC RS340WC RS345WC RS350WC RS355WC RS360WC RS370WC	18.94 19.22 19.51 19.79 20.07 20.34 20.67 18.93	96 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxix	Mono C-Si PERC Modules	RS380WC, (380Wp)	RS375WC RS380WC RS385WC RS390WC	19.22 19.47 19.72 19.96	108 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxx	Mono C-Si PERC Modules	RS400WC, (400Wp)	RS395WC RS400WC RS405WC RS410WC	20.22 20.47 20.75 18.96	108 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxxi	Mono C-Si PERC Modules	RS430WC, (430Wp)	RS415WC RS420WC RS425WC RS430WC RS435WC RS440WC RS445WC RS450WC RS455WC	19.2 19.44 19.67 19.88 20.12 20.37 20.6 20.84 19.19	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxxii	Mono C-Si PERC Modules	RS475WC, (475Wp)	RS460WC RS465WC RS470WC RS475WC RS480WC RS485WC RS490WC RS495WC	19.4 19.6 19.84 20.02 20.26 20.46 20.66 20.87	132 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxxiii	Mono C-Si PERC Modules	RS520WC, (520Wp)	RS505WC RS505WC RS510WC RS515WC RS520WC RS525WC RS530WC RS535WC RS540WC RS545WC	19.57 19.57 19.76 19.96 20.17 20.34 20.55 20.74 20.94 21.1	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxxiv	Mono PERC C-Si Module	RS555WC (555 Wp)	RS550WC RS555WC RS560WC RS550WC RS545WC RS540WC RS535WC RS530WC RS525WC RS520WC	21.32 21.52 21.71 21.32 21.13 20.94 20.75 20.56 20.37 20.18 19.99 19.79 19.56 21.08	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxxv	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB530WC (530 Wp)	RSB530WC RSB525WC RSB520WC RSB515WC RSB510WC RSB505WC RSB500WC RSB495WC RSB490WC RSB485WC RSB480WC RSB475WC RSB470WC RSB465WC RSB460WC RSB455WC	20.56 20.37 20.18 19.99 19.79 19.56 21.08 20.87 20.66 20.46 20.26 20.02 19.84 19.6 19.4 21.02	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxxvi	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB480WC (480 Wp)	RSB455WC RSB450WC RSB445WC RSB440WC RSB435WC RSB430WC RSB425WC	21.02 20.81 20.58 20.35 20.1 19.86 19.65	132 (Half Cut Cells)	1500	04.03.2022	03.03.2024
					xxxvii	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB435WC (435 Wp)	RSB435WC RSB430WC RSB425WC	20.1 19.86 19.65	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					xxxviii	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB390WC (390 Wp)	RSB420WC	19.42	108 (Half Cut Cells)	1500	04.03.2022	03.03.2024				
								RSB415WC	19.18								
								RSB410WC	21								
								RSB405WC	20.75								
								RSB400WC	20.47								
								RSB395WC	20.22								
								RSB390WC	19.96								
								RSB385WC	19.72								
								RSB380WC	19.47								
								RSB375WC	21.08								
								RSB370WC	20.87								
								RSB365WC	20.66								
					xxxix	Mono PERC Bifacial C-Si with Glass to Glass	RSG530WC (530 Wp)	RSG535WC	20.46	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024				
								RSG530WC	20.26								
								RSG525WC	20.02								
								RSG520WC	19.84								
								RSG515WC	19.6								
								RSG510WC	19.4								
								RSG505WC	21.08								
								RSG500WC	21.08								
								RSG495WC	20.87								
								RSG490WC	20.66								
								RSG485WC	20.46								
								RSG480WC	20.26								
					xL	Mono PERC Bifacial C-Si with Glass to Glass	RSG480WC (480 Wp)	RSG475WC	20.02	132 (Half Cut Cells)	1500	04.03.2022	03.03.2024				
								RSG470WC	19.84								
								RSG465WC	19.6								
								RSG460WC	19.4								
								RSG455WC	21.02								
								RSG450WC	20.81								
								RSG445WC	20.58								
								RSG440WC	20.35								
								RSG435WC	20.1								
								RSG430WC	19.86								
								RSG425WC	19.65								
								RSG420WC	19.42								
					xLi	Mono PERC Bifacial C-Si with Glass to Glass	RSG435WC (435 Wp)	RSG415WC	19.18	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024				
								RSG410WC	21								
								RSG405WC	20.75								
								RSG400WC	20.47								
								RSG395WC	20.22								
								RSG390WC	19.96								
								RSG385WC	19.72								
								RSG380WC	19.47								
								KE50P	14.43					36 (Cut Cells)	600	04.03.2022	03.03.2024
								KE165P	16.84								
								KE170P	17.35								
								KE175P	17.86								
KE205P	15.45																
KE210P	15.83																
KE215P	16.21																
KE220P	16.58																
KE225P	16.96																
KE235P	15.98																
KE240P	16.32																
KE245P	16.66																
iv	Multi C-Si Modules.	KE245P, (245Wp)	KE250P	17.01	54 (Full Cells)	1500	04.03.2022	03.03.2024									
			KE255P	17.35													
			KE280P	17.04													
			KE285P	17.34													
			KE290P	17.65													
			KE295P	17.95													
			KE300P	18.25													
			KE315P	16.23													
			KE320P	16.49													
			KE325P	16.75													
			KE330P	17.01													
			KE315PX	15.66													
vii	Multi C-Si Modules.	KE325PX, (325Wp)	KE320PX	15.9	144 (Half-Cut Cells)	1500	04.03.2022	03.03.2024									
			KE325PX	16.15													
			KE330PX	16.4													
viii	Mono C-Si PERC Modules.	KE95M, (95Wp)	KE95M	18.34	36 (Cut Cells)	600	04.03.2022	03.03.2024									
			KE180, (180Wp)	KE180					18.37	36(Full Cells)	600	04.03.2022	03.03.2024				
ix	Mono C-Si PERC Modules.	KE180, (180Wp)	KE235M	17.71	48 (Full Cells)	1500	04.03.2022	03.03.2024									
			KE240M	18.09													
x	Mono C-Si PERC Modules.	KE245M, (245Wp)	KE245M	18.47	48 (Full Cells)	1500	04.03.2022	03.03.2024									
			KE250M	18.85													
			KE255M	19.22													
			KE265M	18.03													
			KE270M	18.37													
			KE275M	18.71													
xi	Mono C-Si PERC Modules.	KE275M, (275Wp)	KE280M	19.05	54 (Full Cells)	1500	04.03.2022	03.03.2024									
			KE285M	19.39													
			KE305M	18.56													

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
					xii	Mono C-Si PERC Modules.	KE320M, (320Wp)	KE310M	18.86	60 (Full Cells)	1500	04.03.2022	03.03.2024					
								KE315M	19.17									
								KE320M	19.47									
								KE325M	19.78									
								KE330M	20.08									
								KE335M	20.38									
								KE350M	17.65									
								KE355M	17.9									
					xiii	Mono C-Si PERC Modules.	KE365M, (365Wp)	KE360M	18.15	72 (Full Cells)	1500	04.03.2022	03.03.2024					
								KE365M	18.41									
								KE370M	18.66									
								KE375M	18.91									
								KE380M	19.16									
								KE360MX	17.89									
								KE365MX	18.14									
								KE370MX	18.39									
xiv	Mono C-Si PERC Modules.	KE370MX, (370Wp)	KE375MX	18.64	144 (Half-Cut Cells)	1500	04.03.2022	03.03.2024										
			KE380MX	18.89														
			KE385M	19.42														
			KE390M	19.67														
			KE395M	19.92														
			KE385M	19.42														
			KE390M	19.67														
			KE395M	19.92														
18	M/s. Citizen Solar Pvt. Ltd.	New Survey No-966, Village: Indrad, Chhatral Kadi Road, Ta: Kadi, Dist.: Mehsana, Gujarat-382715, India.	R-72001929	70	i	Multi C-Si Modules.	CSPL18P155, (155Wp)	CSPL18P150	15.3	36(Full Cells)	1000	04.03.2022	03.03.2024					
								CSPL18P155	15.8									
					ii	Multi C-Si Modules	CSPL18P205, (205Wp)	CSPL18P160	16.3	48 (Full Cells)	1000	04.03.2022	03.03.2024					
								CSPL18P200	14.5									
					iii	Multi C-Si Modules	CSPL18P235, (235Wp)	CSPL18P205	14.9	54 (Full Cells)	1000	04.03.2022	03.03.2024					
								CSPL18P210	15.2									
					iv	Multi C-Si Modules	CSPL18P260, (260Wp)	CSPL18P230	15.7	60 (Full Cells)	1000	04.03.2022	03.03.2024					
								CSPL18P235	16.03									
					v	Multi C-Si Modules	CSPL18P285, (285Wp)	CSPL18P240	16.38	60 (Full Cells)	1000	04.03.2022	03.03.2024					
								CSPL18P250	15.4									
					vi	Multi C-Si Modules	CSPL24P315, (315Wp)	CSPL18P255	15.71	72 (Full Cells)	1000	04.03.2022	03.03.2024					
								CSPL18P260	16.14									
					vii	Multi C-Si Modules	CSPL24P340, (340Wp)	CSPL18P265	16.34	72 (Full Cells)	1000	04.03.2022	03.03.2024					
								CSPL18P270	16.68									
					viii	Mono PERC C-Si Modules.	CSPL24M390, (390 Wp)	CSPL18P275	16.97	72 (Full Cells)	1000	04.03.2022	03.03.2024					
								CSPL18P280	17.2									
19	M/s The Wolt Techniques	16, Satyam Estate-1, Near. Royal Galaxy Complex, Kubadthal Road, TA: Daskroi, Dist: Ahmedabad-382430, Gujarat, India	R-72002607	20	i	Multi C-Si Modules	WT 36P40, (40Wp)	CSPL18P285	17.54	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								CSPL18P290	17.8									
					ii	Multi C-Si Modules	WT 36P75, (75Wp)	CSPL18P295	18.1	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								CSPL24P300	15.5									
					iii	Multi C-Si Modules	WT 36P100, (100Wp)	CSPL24P305	15.75	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								CSPL24P310	16									
					iv	Multi C-Si Modules	WT 36P125, (125Wp)	CSPL24P315	16.23	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								CSPL24P320	16.49									
					v	Multi C-Si Modules	WT 36P160, (160Wp)	CSPL24P325	16.74	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								CSPL24P330	17									
					vi	Multi C-Si Modules	WT 60P265, (265Wp)	CSPL24P335	17.26	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								CSPL24P340	17.6									
					vii	Multi C-Si Modules	WT 72P330, (330Wp)	CSPL24P345	17.8	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								CSPL24M380	19.15									
					20	M/s. Redren Energy Pvt. Ltd	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi-363621, Gujarat, India	R-72001775	71	i	Multi- C-Si Modules	RSMART1240, (40Wp)	CSPL24M385	19.41	72 (Full Cells)	1000	04.03.2022	03.03.2024
													CSPL24M390	19.66				
ii	Multi- C-Si Modules	RSMART1250, (50Wp)	CSPL24M395	19.91						72 (Full Cells)	1000	04.03.2022	03.03.2024					
			CSPL24M400	20.16														
iii	Multi- C-Si Modules	RSMART1275, (75Wp)	WT 36P40	13.2						36 (Cut Cells)	600	05.04.2022	04.04.2024					
			WT 36P75	13.4														
iv	Multi- C-Si Modules	RSMART12100, (100Wp)	WT 36P100	14.5						36 (Cut Cells)	600	05.04.2022	04.04.2024					
			WT 36P125	12.5														
v	Multi- C-Si Modules	RSMART12145, (145Wp)	WT 36P160	15.4						36 (Cut Cells)	600	05.04.2022	04.04.2024					
			WT 60P265	16.3														
vi	Multi- C-Si Modules	RSMART16210, (210Wp)	WT 72P320	16.49						36 (Cut Cells)	600	05.04.2022	04.04.2024					
			WT 72P330	17.01														
vii	Multi- C-Si Modules	RSMART20250, (250Wp)	WT 72P340	13.8						36 (Cut Cells)	600	05.04.2022	04.04.2024					
			RSMART1275	13.2														
viii	Multi- C-Si Modules	RSMART24300, (300Wp)	RSMART1295	13.4						36 (Cut Cells)	600	05.04.2022	04.04.2024					
			RSMART12100	14.11														
20	M/s. Redren Energy Pvt. Ltd	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi-363621, Gujarat, India	R-72001775	71	i	Multi- C-Si Modules	RSMART12100, (100Wp)	RSMART12105	14.15	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								RSMART12140	14.17									
					ii	Multi- C-Si Modules	RSMART12145, (145Wp)	RSMART12145	14.42	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								RSMART12150	15.19									
					iii	Multi- C-Si Modules	RSMART16210, (210Wp)	RSMART16200	14.7	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								RSMART16210	15.25									
					iv	Multi- C-Si Modules	RSMART20250, (250Wp)	RSMART16215	15.6	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								RSMART20240	14.58									
					v	Multi- C-Si Modules	RSMART24300, (300Wp)	RSMART20245	14.9	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								RSMART20250	15.22									
					vi	Multi- C-Si Modules	RSMART24300, (300Wp)	RSMART20255	15.5	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								RSMART20260	15.8									
					vii	Multi- C-Si Modules	RSMART24300, (300Wp)	RSMART24285	14.55	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								RSMART24290	14.8									
					viii	Multi- C-Si Modules	RSMART24300, (300Wp)	RSMART24295	15	36 (Cut Cells)	600	05.04.2022	04.04.2024					
								RSMART24300	15.3									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be de-listed)
					ix	Multi- C-Si Modules	RSMART24335, (335Wp)	RSMART24305	16.12	72 (Full Cells)	1500	05.04.2022	04.04.2024
								RSMART24310	16.1				
								RSMART24315	16.22				
								RSMART24320	16.45				
								RSMART24325	16.59				
								RSMART24330	16.9				
					x	Mono-C-Si PERC Modules	RPLUS18290, (290Wp)	RPLUS18285	19.4	54 (Full Cells)	1500	05.04.2022	04.04.2024
								RPLUS18290	19.7				
								RPLUS18295	20				
								RPLUS18300	20.3				
								RPLUS20300	18.2				
								RPLUS20305	18.52				
xi	Mono-C-Si PERC Modules	RPLUS20315, (315Wp)	RPLUS20310	18.8	60 (Full Cells)	1500	05.04.2022	04.04.2024					
			RPLUS20315	19.11									
			RPLUS20320	19.4									
			RPLUS20325	19.75									
			RPLUS20330	20									
			RPLUS24350	17.8									
xii	Mono-C-Si PERC Modules	RPLUS24365, (365Wp)	RPLUS24355	18	72 (Full Cells)	1500	05.04.2022	04.04.2024					
			RPLUS24360	18.2									
			RPLUS24365	18.5									
			RPLUS24370	18.7									
			RPLUS24375	19									
			RPLUS24380	19.2									
21	M/s. Nyalkaran Energy LLP	SR No: 69P1, Village Chanchavadarda, Chanchavadarda Road, Morbi-363660, Gujarat, India	R-72004421	50	i	Multi C-Si Modules	NE 160P-36, (160Wp)	NE 155P-36	15.14	36 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 160P-36	15.63				
								NE 165P-36	16.12				
					ii	Multi C-Si Modules	NE 170P-36, (170Wp)	NE 170P-36	16.61	36 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 210P-48	15.59				
								NE 215P-48	15.96				
					iii	Multi C-Si Modules	NE 220P-48, (220Wp)	NE 220P-48	16.34	48 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 225P-48	16.71				
								NE 230P-48	17.08				
								NE 230P-54	15.56				
								NE 235P-54	15.9				
								NE 240P-54	16.24				
					iv	Multi C-Si Modules	NE 240P-54, (240Wp)	NE 245P-54	16.58	54 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 250P-54	16.92				
								NE 255P-54	17.26				
					v	Multi C-Si Modules	NE 260P-54, (260Wp)	NE 260P-54	17.6	54 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 260P-60	15.9				
								NE 265P-60	16.2				
					vi	Multi C-Si Modules	NE 270P-60, (270Wp)	NE 270P-60	16.51	60 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 275P-60	16.82				
								NE 280P-60	17.12				
					vii	Multi C-Si Modules	NE 290P-60, (290Wp)	NE 285P-60	17.43	60 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 290P-60	17.73				
								NE 285P-66	15.91				
					viii	Multi C-Si Modules	NE 300P-66, (300Wp)	NE 290P-66	16.19	66 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 295P-66	16.47				
								NE 300P-66	16.75				
								NE 305P-66	17.03				
								NE 310P-66	17.31				
								NE 315P-66	17.59				
					ix	Multi C-Si Modules	NE 320P-72, (320Wp)	NE 310P-72	15.95	72 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 315P-72	16.21				
								NE 320P-72	16.46				
								NE 325P-72	16.72				
								NE 330P-72	16.98				
								NE 335P-72	17.24				
					x	Multi C-Si Modules	NE 340P-72, (340Wp)	NE 340P-72	17.1	72 (Full Cells)	1500	05.04.2022	04.04.2024
								NE 345P-72	17.35				
								NE245M-48	18.39				
					xi	Mono C-Si PERC Modules	NE255M-48, (255Wp)	NE250M-48	18.77	48 (Full Cells)	1500	05.04.2022	04.04.2024
								NE255M-48	19.15				
								NE260M-48	19.52				
								NE265M-48	19.9				
								NE265M-54	17.59				
								NE270M-54	17.92				
					xii	Mono C-Si PERC Modules	NE275M-54, (275Wp)	NE275M-54	18.25	54 (Full Cells)	1500	05.04.2022	04.04.2024
								NE280M-54	18.58				
								NE285M-54	18.92				
NE290M-54	19.25												
NE295M-54	19.58												
NE300M-60	17.98												
xiii	Mono C-Si PERC Modules	NE295M-54, (295Wp)	NE305M-60	18.28	54 (Full Cells)	1500	05.04.2022	04.04.2024					
			NE310M-60	18.58									
			NE315M-60	18.8									
			NE320M-60	19.18									
			NE325M-60	19.48									
			NE330M-60	19.78									
xiv	Mono C-Si PERC Modules	NE315M-60, (315Wp)	NE335M-60	19.48	60 (Full Cells)	1500	05.04.2022	04.04.2024					
			NE340M-60	19.78									
			NE345M-60	20.08									
			NE350M-60	20.38									
			NE355M-60	20.68									
			NE360M-60	20.98									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity						
												From	To (subject to valid BIS Registration; else deemed to be delisted)					
					xv	Mono C-Si PERC Modules	NE335M-66, (335Wp)	NE330M-60	19.78	66 (Full Cells)	1500	05.04.2022	04.04.2024					
								NE325M-66	17.78									
								NE330M-66	18.07									
								NE335M-66	18.32									
								NE340M-66	18.6									
								NE345M-66	18.87									
					xvii	Mono C-Si PERC Modules	NE370M-72, (370Wp)	NE350M-66	19.14	72 (Full Cells)	1500	05.04.2022	04.04.2024					
								NE355M-72	17.85									
								NE360M-72	18.1									
								NE365M-72	18.36									
								NE370M-72	18.61									
								NE375M-72	18.86									
					xviii	Mono C-Si PERC Modules	NE395M-72, (395Wp)	NE380M-72	19.11	72 (Full Cells)	1500	05.04.2022	04.04.2024					
								NE385M-72	19.36									
								NE390M-72	19.61									
22	M/s. JJ PV Solar Pvt. Ltd	Survey No-236, Plot No. 2, Near Vikas Stove, B/H, Hargange WayBridge, N/H 8-8, Village Vervall (Shapur), Dist: Rajkot-360024, Gujarat, India	R-72004855	17	i	Multi C-Si Modules	JP36FP160, (160Wp)	JP36FP155	15.37	36 (Full Cells)	1000	05.04.2022	04.04.2024					
								JP36FP160	15.89									
								JP36FP165	16.36									
					ii	Multi C-Si Modules	JP48FP210, (210Wp)	JP48FP205	16.1	48 (Full Cells)	1500	05.04.2022	04.04.2024					
								JP48FP210	16.5									
								JP48FP215	16.7									
					iii	Multi C-Si Modules	JP54FP240, (240Wp)	JP48FP220	17	54 (Full Cells)	1500	05.04.2022	04.04.2024					
								JP54FP230	16.22									
								JP54FP235	16.5									
					iv	Multi C-Si Modules	JP60FP270, (270Wp)	JP54FP240	16.7	60 (Full Cells)	1500	05.04.2022	04.04.2024					
								JP54FP245	17									
								JP54FP250	15.5									
					v	Multi C-Si Modules	JP66FP290, (290Wp)	JP60FP260	16	66 (Full Cells)	1500	05.04.2022	04.04.2024					
								JP60FP265	16.22									
								JP60FP270	16.5									
vi	Multi C-Si Modules	JP66FP305, (305Wp)	JP60FP275	16.7	66 (Full Cells)	1500	05.04.2022	04.04.2024										
			JP66FP280	15.68														
			JP66FP285	15.94														
vii	Multi C-Si Modules	JP72FP320, (320Wp)	JP66FP290	16.22	72 (Full Cells)	1500	05.04.2022	04.04.2024										
			JP66FP295	16.5														
			JP66FP300	16.78														
23	M/s. Premier Energies Photovoltaic Pvt. Ltd	Plot No-8/B/1 & 8/B/2, SY No. 62 P 63 P and 88 P, E-City, Village Raviryala, Maheshwaram Mandal, Ranga Reddy, Telangana-501359, India	R-63002356	1116	i	Multi C-Si Modules	PE-325, (325Wp)	JP66FP305	17.06	72 (Full Cells)	1500	05.04.2022	04.04.2024					
								JP72FP305	16.3									
								JP72FP310	16.5									
					ii	Multi C-Si Modules	PE-330HC, (330Wp)	JP72FP315	16.3	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
								JP72FP320	16.55									
								JP72FP325	16.78									
					iii	Mono PERC C-Si Modules	PE-435HM, (435Wp)	JP72FP330	17.07	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
								JP72FP335	17.28									
								PE-315	15.75									
					iv	Mono PERC C-Si Modules	PE-490HM, (490Wp)	PE-320	16	132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
								PE-325	16.25									
								PE-330	16.5									
					v	Mono PERC C-Si Modules	PE-530HM, (530 Wp)	PE-335	16.75	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
								PE-340	17									
								PE-320HC	16.02									
					ii	Multi C-Si Modules	PE-330HC, (330Wp)	PE-325HC	16.27	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
								PE-330HC	16.52									
								PE-335HC	16.77									
					iii	Mono PERC C-Si Modules	PE-435HM, (435Wp)	PE-340HC	17.02	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
								PE-345HC	17.27									
								PE-415HM	19.07									
					iv	Mono PERC C-Si Modules	PE-490HM, (490Wp)	PE-420HM	19.3	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
								PE-425HM	19.53									
								PE-430HM	19.76									
					v	Mono PERC C-Si Modules	PE-530HM, (530 Wp)	PE-435HM	19.99	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
								PE-440HM	20.22									
								PE-445HM	20.45									
										v	Mono PERC C-Si Modules	PE-530HM, (530 Wp)	PE-450HM	20.68	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
													PE-455HM	20.91				
													PE-470HM	19.8				
													PE-475HM	20.01				
													PE-480HM	20.22				
													PE-485HM	20.43				
													PE-490HM	20.64				
													PE-495HM	20.89				
													PE-515HM	19.93				
													PE-520HM	20.12				
													PE-525HM	20.31				
													PE-530HM	20.51				
													PE-535HM	20.7				
													PE-540HM	20.89				
													PE-545HM	21.09				
								PE-550HM	21.28									
								PE-510HGB	19.68									
								PE-515HGB	19.87									
								PE-520HGB	20.07									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono PERC Bifacial C-Si Modules	PE-530HGB, (530 Wp)	PE-525HGB	20.26	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
								PE-530HGB	20.45				
								PE-535HGB	20.65				
								PE-540HGB	20.83				
								PE-545HGB	21.03				
					vii	Mono PERC C-Si Modules	PE-565HM, (565 Wp)	PE-550HGB	21.23	156 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
								PE-555HM	19.86				
								PE-560HM	20.04				
								PE-565HM	20.22				
								PE-570HM	20.4				
					viii	Mono PERC C-Si Modules	PE-505HM, (505Wp)	PE-575HM	20.58	132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024
PE-580HM	20.76												
PE-585HM	20.94												
PE-590HM	21.12												
PE-510HM	19.73												
ix	Mono PERC C-Si Modules	PE-555HM, (555Wp)	PE-505HM	19.54	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
			PE-500HM	19.35									
			PE-555HM	19.86									
			PE-520HB	21.91									
			PE-515HB	21.7									
x	Bifacial Mono PERC C-Si Modules	PE-500HB, (500Wp)	PE-510HB	21.49	132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
			PE-505HB	21.29									
			PE-500HB	21.07									
			PE-495HB	20.86									
			PE-490HB	20.64									
xi	Bifacial Mono PERC C-Si Modules	PE-535HB, (535Wp)	PE-550HB	21.29	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
			PE-545HB	21.1									
			PE-540HB	20.9									
			PE-535HB	20.71									
			PE-530HB	20.52									
24	M/s. Sri Savitr Solar Pvt. Ltd	Plot No. 34/1, Sy No. 374, C.I.E. Phase 2, Gandhi Nagar, Quthbulapur, Ranga Reddy, Hyderabad, Telangana - 500037, India	R-63000922	68	i	Multi C-Si Modules	SSSPL-260, (260 Wp)	PE-525HB	20.32	60 (Full Cells)	1500	05.04.2022	04.04.2024
								SSSPL-252	15.43				
								SSSPL-260	15.92				
					ii	Multi C-Si Modules	SSSPL-280, (280 Wp)	SSSPL-270	16.52	60 (Full Cells)	1500	05.04.2022	04.04.2024
								SSSPL-280	17.14				
								SSSPL-66-280	15.66				
					iii	Multi C-Si Modules	SSSPL-66-280, (280 Wp)	SSSPL-66-290	16.22	66 (Full Cells)	1500	05.04.2022	04.04.2024
								SSSPL-66-300	16.76				
								SSSPL-66-310	17.34				
					iv	Multi C-Si Modules	SSSPL-66-300, (300 Wp)	SSSPL-302	15.54	72 (Full Cells)	1500	05.04.2022	04.04.2024
								SSSPL-310	15.96				
SSSPL-315	16.22												
v	Multi C-Si Modules	SSSPL-315, (315 Wp)	SSSPL-320	16.48	72 (Full Cells)	1500	05.04.2022	04.04.2024					
			SSSPL-325	16.74									
			SSSPL-330	16.99									
vi	Multi C-Si Modules	SSSPL-335, (335 Wp)	SSSPL-335	17.58	72 (Full Cells)	1500	05.04.2022	04.04.2024					
			NG-305	15.7									
			NG-310	15.9									
25	M/s. Novus Green Energy Systems Ltd	SY. No. 920/A, 921/A, Nandigama Revenue Village, Melaguda, Kothur Post., Nandigama Mandal, Rangareddy-509228, Hyderabad, Telangana, India.	R-63001856	215	i	Multi C-Si Modules	NG-320, (320Wp)	NG-315	16.2	72 (Full Cells)	1500	05.04.2022	04.04.2024
								NG-320	16.4				
								NG-325	16.7				
								NG-330	16.9				
								NG-335	17.2				
					ii	Multi C-Si Modules	NG-D320, (320Wp)	NG-D305	15.7	72 (Full Cells)	1500	05.04.2022	04.04.2024
								NG-D310	15.9				
								NG-D315	16.2				
								NG-D320	16.4				
								NG-D325	16.7				
					iii	Multi C-Si Modules	NG-GG320, (320Wp)	NG-D330	16.9	72 (Full Cells)	1500	05.04.2022	04.04.2024
NG-GG310	15.5												
NG-GG315	15.8												
NG-GG320	16												
NG-GG325	16.3												
iv	Mono C-Si PERC Modules	NG-M380, (380Wp)	NG-GG330	16.5	72 (Full Cells)	1500	05.04.2022	04.04.2024					
			NG-GG335	16.8									
			NG-M365	18.09									
			NG-M370	18.34									
			NG-M375	18.51									
26	M/s. Sirius Solar Energy Systems Pvt. Ltd	Plot No. 30 & 46, Aleap Industrial Estate, Pragathi Nagar Gajularamam, Qutbullapur Mandal, Hyderabad-500090, Telangana, India	R-63002038	50	i	Multi C-Si Modules.	SS-03C, (3Wp)	NG-M385	19.42	18 (Cut Cells)	600	05.04.2022	04.04.2024
								SS-03C	8.86				
					ii	Multi C-Si Modules.	SS-75C, (7Wp)	NG-M388	19.67	36 (Cut Cells)	800	05.04.2022	04.04.2024
								SS-75C	15.8				
					iii	Multi C-Si Modules.	SS-100C, (100Wp)	SS-100C	15.01	36 (Cut Cells)	800	05.04.2022	04.04.2024
								SS-100C	15.47				
					iv	Multi C-Si Modules.	SS-140C, (140Wp)	SS-140C	13.53	36 (Cut Cells)	1000	05.04.2022	04.04.2024
								SS-170	13.17				
					v	Multi C-Si Modules.	SS-170, (170Wp)	SS-210C	15.74	36 (Full Cells)	1500	05.04.2022	04.04.2024
								SS-215C	16.11				
					vi	Multi C-Si Modules.	SS-210C, (210Wp)	SS-215C	16.11	72 (Cut Cells)	1500	05.04.2022	04.04.2024
SS-215	16.1												
vii	Multi C-Si Modules.	SS-225, (225Wp)	SS-225	16.86	48 (Full Cells)	1500	05.04.2022	04.04.2024					
			SS-225	16.86									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Multi C-Si Modules.	SS-245, (245Wp)	SS-235 SS-245	15.85 16.52	54 (Full Cells)	1500	05.04.2022	04.04.2024
					ix	Multi C-Si Modules.	SS-250C, (250Wp)	SS-250C SS-250	16.86 15.08	72(Cut Cells)	1500	05.04.2022	04.04.2024
					x	Multi C-Si Modules.	SS-260, (265Wp)	SS-255	15.38	60 (Full Cells)	1500	05.04.2022	04.04.2024
								SS-260	15.69				
								SS-265	15.99				
								SS-270	16.29				
								SS-275	16.59				
					xi	Multi C-Si Modules.	SS-275, (275Wp)	SS-280	16.89	60 (Full Cells)	1500	05.04.2022	04.04.2024
								SS-280C	17.06				
								SS-285	15.92				
					xiii	Multi C-Si Modules.	SS-290, (290Wp)	SS-290	16.2	66 (Full Cells)	1500	05.04.2022	04.04.2024
								SS-295	16.48				
								SS-300	16.76				
								SS-305	15.56				
								SS-310	15.83				
					xiv	Multi C-Si Modules.	SS-320, (320Wp)	SS-315	16.09	72 (Full Cells)	1500	05.04.2022	04.04.2024
								SS-320	16.34				
								SS-325	16.6				
								SS-330	16.85				
								SS-335	17.11				
SS-315H	16.08												
SS-320H	16.34												
xv	Multi C-Si Modules.	SS-325H, (325Wp)	SS-325H	16.59	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024					
			SS-330H	16.85									
			SS-335H	17.1									
			TP315LBZ(H)	15.8									
			TP320LBZ(H)	16.06									
			TP325LBZ(H)	16.32									
			TP330LBZ(H)	16.57									
27	M/s. Tata Power Solar Systems Ltd	Plot No. 24-B, Industrial Shed, SYY No 123, Jigani 1st Phase, Industrial Area, Jigani, Anekal Taluk, Hobli, Bengaluru, Rural Karnataka-560105, India	R-62002585	88	i	Multi C-Si Modules	TP330LBZ(H) (330 Wp)	TP335LBZ(H)	16.82	72 (Full Cells)	1500	05.04.2022	04.04.2024
								TP340LBZ(H)	17.07				
								TP345LBZ(H)	17.32				
								TP375SG10	18.95				
								TP380SG10	19.2				
								TP385SG10	19.46				
								TP390SG10	19.71				
								TP395SG10	19.96				
								TP400SG10	20.21				
								TP405SG10	20.47				
					ii	Mono C-Si PERC Modules	TP390SG10 (390 Wp)	TP415MG10	18.95	108 (Half Cut Cells)	1500	05.04.2022	04.04.2024
								TP420MG10	19.21				
								TP425MG10	19.43				
								TP430MG10	19.66				
								TP435MG10	19.89				
								TP440MG10	20.12				
								TP445MG10	20.35				
								TP450MG10	20.58				
								TP455MG10	20.81				
								TP460VG10	19.15				
iii	Mono C-Si PERC Modules	TP435MG10 (435 Wp)	TP465VG10	19.36	120 (Half Cut Cells)	1500	05.04.2022	04.04.2024					
			TP470VG10	19.57									
			TP475VG10	19.77									
			TP480VG10	19.98									
			TP485VG10	20.19									
			TP490VG10	20.4									
			TP495VG10	20.61									
			TP500VG10	20.82									
			TP495HG10	19.2									
			TP500HG10	19.4									
iv	Mono C-Si PERC Modules	TP480VG10 (480 Wp)	TP505HG10	19.59	132 (Half Cut Cells)	1500	05.04.2022	04.04.2024					
			TP510HG10	19.79									
			TP515HG10	19.98									
			TP520HG10	20.17									
			TP525HG10	20.37									
			TP530HG10	20.56									
			TP535HG10	20.76									
			TP540HG10	20.95									
			TP545HG10	21.1									
			TP505HG10	19.4									
v	Mono C-Si PERC Modules	TP520HG10 (520 Wp)	TP505HG10	19.59	144 (Half Cut Cells)	1500	05.04.2022	04.04.2024					
			TP510HG10	19.79									
			TP515HG10	19.98									
			TP520HG10	20.17									
			TP525HG10	20.37									
			TP530HG10	20.56									
			TP535HG10	20.76									
			TP540HG10	20.95									
			TP545HG10	21.1									
			TP505HG10	19.4									
28	M/s. Integrated Batteries India Pvt. Ltd	D 127, Sector 63, NOIDA, Uttar Pradesh, India-201301	R-93017612	35	i	Multi- C-Si Modules.	IB361240, (40Wp)	IB361240	13.51	36 (Cut Cells)	1000	05.04.2022	04.04.2024
					ii	Multi- C-Si Modules.	IB361250, (50Wp)	IB361250	13.79	36 (Cut Cells)	1000	05.04.2022	04.04.2024
					iii	Multi- C-Si Modules.	IB361260, (60Wp)	IB361260	13.57	36 (Cut Cells)	1000	05.04.2022	04.04.2024
					iv	Multi- C-Si Modules.	IB361275, (75Wp)	IB361275	14.55	36 (Cut Cells)	1000	05.04.2022	04.04.2024
					v	Multi- C-Si Modules.	IB3612100, (100Wp)	IB3612100	14.67	36 (Cut Cells)	1000	05.04.2022	04.04.2024
					vi	Multi- C-Si Modules.	IB3612125, (125Wp)	IB3612120	15.76	36 (Cut Cells)	1000	05.04.2022	04.04.2024
					vii	Multi- C-Si Modules.	IB3612150, (150Wp)	IB3612125	16.42	36 (Cut Cells)	1000	05.04.2022	04.04.2024
					viii	Multi- C-Si Modules.	IB3612165, (165Wp)	IB3612150	16.28	36 (Full Cells)	1000	05.04.2022	04.04.2024
								IB3612160	16.09				
								IB3612165	16.59				
								IB3612170	17.09				
								IB7224200	15.14				
					IB7224205	15.52							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					ix	Multi- C-Si Modules.	IB7224210, (210Wp)	IB7224210	15.91	72 (Cut Cells)	1000	05.04.2022	04.04.2024							
								IB7224215	16.28											
								IB7224220	16.67											
					x	Multi- C-Si Modules.	IB7224260, (260Wp)	IB7224250	15.36	72 (Cut Cells)	1000	05.04.2022	04.04.2024							
								IB7224255	15.67											
								IB7224260	15.98											
					xi	Multi- C-Si Modules.	IB6024270, (270Wp)	IB7224265	16.29	60 (Full Cells)	1000	05.04.2022	04.04.2024							
								IB7224270	16.57											
								IB6024260	15.97											
					xii	Multi- C-Si Modules.	IB7224325, (325Wp)	IB6024265	16.29	72 (Full Cells)	1000	05.04.2022	04.04.2024							
								IB6024270	15.59											
								IB6024275	16.89											
29	M/s. Bluebird Solar Pvt. Ltd	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India	R-93014680	100	i	Multi C-Si Modules	BBS12C40, (40Wp)	BBS12C40	13.88	36 (Cut Cells)	600	05.04.2022	04.04.2024							
								BBS12C50	14.08											
								BBS12C75	14.17											
								ii	Multi C-Si Modules					BBS12C105, (105Wp)	BBS12C109	14.63	36 (Cut Cells)	600	05.04.2022	04.04.2024
															BBS12C105	15.36				
															BBS12C110	16.1				
								iii	Multi C-Si Modules					BBS12F155, (155Wp)	BBS12F150	16.34	36 (Full Cells)	600	05.04.2022	04.04.2024
															BBS12F155	16.88				
															BBS12F160	17.43				
								iv	Multi C-Si Modules					BBS12F170, (170Wp)	BBS12F165	17.97	36 (Full Cells)	600	05.04.2022	04.04.2024
															BBS12F170	18.52				
															BBS12F175	18.52				
v	Multi C-Si Modules	BBS24F210, (210Wp)	BBS24F200	17.02	48 (Full Cells)	1000	05.04.2022	04.04.2024												
			BBS24F205	17.23																
			BBS24F210	17.65																
vi	Multi C-Si Modules	BBS24F215, (215Wp)	BBS24F215	18.07	54 (Full Cells)	1000	05.04.2022	04.04.2024												
			BBS24F220	18.49																
			BBS24F235	17.41																
vii	Multi C-Si Modules	BBS24F240, (240Wp)	BBS24F240	17.78	60 (Full Cells)	1000	05.04.2022	04.04.2024												
			BBS24F245	18.15																
			BBS24F250	18.52																
viii	Multi C-Si Modules	BBS24F255, (255Wp)	BBS24F265	17.55	66 (Full Cells)	1500	05.04.2022	04.04.2024												
			BBS24F270	17.88																
			BBS24F275	18.21																
ix	Multi C-Si Modules	BBS24F280, (280Wp)	BBS24F280	18.54	72 (Full Cells)	1500	05.04.2022	04.04.2024												
			BBS24F285	18.87																
			BBS24F290	17.42																
x	Multi C-Si Modules	BBS24F300, (300Wp)	BBS24F295	17.72	72 (Full Cells)	1500	05.04.2022	04.04.2024												
			BBS24F300	18.02																
			BBS24F305	18.32																
xi	Multi C-Si Modules	BBS24F310, (310Wp)	BBS24F310	18.62	72 (Full Cells)	1500	05.04.2022	04.04.2024												
			BBS24F315	17.5																
			BBS24F320	17.77																
xii	Mono C-Si PERC Modules	BBS24F325, (325Wp)	BBS24F325	18.05	36 (Full Cells)	600	05.04.2022	04.04.2024												
			BBS24F330	18.33																
			BBS24F335	18.61																
xiii	Mono C-Si PERC Modules	BBS24F340, (340Wp)	BBS24F340	18.89	36 (Full Cells)	600	05.04.2022	04.04.2024												
			BBS12MF175	17.04																
			BBS12MF180	17.53																
xiv	Mono C-Si PERC Modules	BBS12MF185, (185Wp)	BBS12MF185	18.02	36 (Full Cells)	600	05.04.2022	04.04.2024												
			BBS12MF190	18.5																
			BBS12MF195	18.99																
xv	Mono C-Si PERC Modules	BBS24MF375, (375Wp)	BBS24MF355	17.84	72 (Full Cells)	1500	05.04.2022	04.04.2024												
			BBS24MF360	18.09																
			BBS24MF365	18.34																
xvi	Mono C-Si PERC Modules	BBS24MF370, (370Wp)	BBS24MF370	18.59	72 (Full Cells)	1500	05.04.2022	04.04.2024												
			BBS24MF375	18.84																
			BBS24MF380	19.1																
xvii	Mono C-Si PERC Modules	BBS24MF385, (385Wp)	BBS24MF385	19.35	72 (Full Cells)	1500	05.04.2022	04.04.2024												
			BBS24MF390	19.45																
			BBS24MF395	19.7																
xviii	Mono C-Si PERC Modules	BBS24MF400, (400Wp)	BBS24MF400	20.5	120 Half Cut Cells	1500	05.04.2022	04.04.2024												
			BBS24MF405	20.19																
			BBS24MC440	19.73																
xix	Mono C-Si PERC Module	BBS24MC445, (445Wp)	BBS24MC445	19.95	120 Half Cut Cells	1500	05.04.2022	04.04.2024												
			BBS24MC450	20.18																
			BBS24MC455	20.40																
xx	Mono C-Si PERC Module	BBS24MC460, (460Wp)	BBS24MC460	20.63	120 Half Cut Cells	1500	05.04.2022	04.04.2024												
			BBS24MC465	20.85																
			BBS24MC470	21.08																
xxi	Mono C-Si PERC Module	BBS24MC475, (475Wp)	BBS24MC475	21.31	120 Half Cut Cells	1500	05.04.2022	04.04.2024												
			BBS24MC480	19.45																
			BBS24MC485	19.65																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xvii	Mono c-Si PERC Module	BBS24MC495, (495Wp)	BBS24MC490	19.85	132 Half Cut Cells	1500	05.04.2022	04.04.2024
								BBS24MC495	20.05				
					xviii	Mono c-Si PERC Module	BBS24MC525, (525Wp)	BBS24MC500	20.25	144 Half Cut Cells	1500	05.04.2022	04.04.2024
								BBS24MC505	20.46				
								BBS24MC510	20.66				
								BBS24MC515	19.96				
								BBS24MC520	20.15				
								BBS24MC525	20.34				
								BBS24MC530	20.53				
								BBS24MC535	20.73				
								BBS24MC540	20.92				
								BBS24MC545	21.12				
								BBS24MC550	21.31				
								SS150P	15.04				
30	M/s. Shanti Solar	EMC Oark, Info Valley-2, 5-4-EI-20/A, Harekrushnagar, Jatani, Bhubaneswar, Khordha, Odisha-752054, India	R-52000086	20	i	Multi- C-Si Modules	SS155P, (155Wp)	SS155P	15.54	36 Full Cell	1000	05.04.2022	04.04.2024
								SS160P	16.05				
					ii	Multi- C-Si Modules	SS165P, (165Wp)	SS165P	16.55	36 Full Cell	1000	05.04.2022	04.04.2024
								SS200P	15.17				
					iii	Multi- C-Si Modules	SS210P, (210Wp)	SS205P	15.55	48 Full Cell	1500	05.04.2022	04.04.2024
								SS210P	15.93				
								SS215P	16.31				
								SS220P	16.69				
								SS225P	15.28				
								SS230P	15.62				
					iv	Multi- C-Si Modules	SS235P, (235Wp)	SS235P	15.96	54 Full Cell	1500	05.04.2022	04.04.2024
								SS240P	16.3				
								SS245P	16.64				
								SS250P	15.35				
					v	Multi- C-Si Modules	SS260P, (260Wp)	SS255P	15.65	60 Full Cell	1500	05.04.2022	04.04.2024
								SS260P	15.96				
								SS265P	16.27				
								SS270P	16.57				
					vi	Multi- C-Si Modules	SS275P, (275Wp)	SS275P	16.88	60 Full Cell	1500	05.04.2022	04.04.2024
								SS300P	15.42				
								SS305P	15.67				
								SS310P	15.93				
					vii	Multi- C-Si Modules	SS315P, (315Wp)	SS315P	16.19	72 Full Cell	1500	05.04.2022	04.04.2024
								SS320P	16.44				
								SS325P	16.7				
								SS330P	16.96				
								SS335P	17.22				
								SS340P	17.47				
					viii	Multi- C-Si Modules	SS340P, (340Wp)	SS345P	17.73	72 Full Cell	1500	05.04.2022	04.04.2024
								SS350P	17.99				
								SS350PC	16.61	72 Cut Cell	1000	05.04.2022	04.04.2024
								SS100P	14.75				
					ix	Multi- C-Si Modules	SS250PC, (250Wp)	SS105P	15.49	36 Cut Cell	600	05.04.2022	04.04.2024
								SS110P	14.78				
								SS115P	15.45				
								SS120P	14.07				
					x	Multi- C-Si Modules	SS105P, (105Wp)	SS125P	14.66	36 Cut Cell	600	05.04.2022	04.04.2024
								SS130P	15.25				
								SS135P	15.83				
								SS25P	13.13				
					xi	Multi- C-Si Modules	SS120P, (120Wp)	SS30P	13.28	36 Cut Cell	600	05.04.2022	04.04.2024
								SS37P	12.8				
								SS40P	13.84	36 Cut Cell	600	05.04.2022	04.04.2024
								SS45P	14.78				
								SS45P	14.78	36 Cut Cell	600	05.04.2022	04.04.2024
								SS50P	13.71				
								SS55P	14.87	36 Cut Cell	600	05.04.2022	04.04.2024
								SS60P	13.92				
								SS65P	12.47	36 Cut Cell	600	05.04.2022	04.04.2024
								SS70P	13.43				
								SS75P	14.39	36 Cut Cell	600	05.04.2022	04.04.2024
								SS80P	15.35				
								SS85P	16.31	36 Cut Cell	600	05.04.2022	04.04.2024
								SS90P	13.28				
								SS95P	14.02	36 Cut Cell	600	05.04.2022	04.04.2024
								SS99P	15.78				
31	M/s. Rajasthan Electronics and Instruments Limited (REIL)	Z, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040	IEC Certificates are available	23	i	Multi C-Si Modules	320W72, (320Wp)	310W72	15.78	72 (Full Cells)	1000	18.08.2022	17.08.2024
								320W72	16.27				
								330W72	16.9				
								335W72	17.25				
								N260P60	15.4	60 (Full Cells)	1500	18.08.2022	17.08.2024
								N265P60	15.7				
								N270P60	16.03				
								N275P60	16.32				
								N280P60	16.62				
								N280P72	15.99				
								N315P72	16.24				
								N320P72	16.5				
								N325P72	16.7	72 (Full Cells)	1500	18.08.2022	17.08.2024
								N330P72	17.02				
								N335P72	17.27				
32	M/s. Neety Euro Asia Solar Energy	E-153, GIDC Electronics Estate, Sector-26, Gandhinagar, Gujarat - 382028, India	R-72004740	28	i	Multi C-Si Modules	N270P60, (270Wp)	N260P60	15.4	60 (Full Cells)	1500	18.08.2022	17.08.2024
								N265P60	15.7				
								N270P60	16.03				
								N275P60	16.32				
								N280P60	16.62				
								N280P72	15.99				
								N315P72	16.24				
								N320P72	16.5				
								N325P72	16.7	72 (Full Cells)	1500	18.08.2022	17.08.2024
								N330P72	17.02				
								N335P72	17.27				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Multi C-Si Modules	N330P144, (330Wp)	N340P72	17.54	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								N320P144	15.81				
								N325P144	16.7				
								N330P144	17.02				
								N335P144	17.27				
								N340P144	17.54				
								N380M144	17.13				
								N385M144	17.36				
					iv	Mono C-Si PERC Modules	N400M144, (400Wp)	N390M144	17.58				
								N395M144	17.81				
								N400M144	18.03				
								N405M144	18.26				
								N410M144	18.48				
								N415M144	18.71				
								N420M144	18.93				
								N425M144	19.15				
33	M/s. Shivam Photovoltaics Private Limited	101 New Ahmedabad Industrial Estate, Near Zydus Research Center, Village Moraiya, Taluka Sanand, District Ahmedabad, Gujarat-382213	R-72003468	30	i	Multi C-Si Modules	SPL72FP315Wp, (315 Wp)	SPL72FP300Wp	15.43	72 Full Cell	1500	18.08.2022	17.08.2024
								SPL72FP305Wp	15.69				
								SPL72FP310Wp	15.95				
								SPL72FP315Wp	16.21				
								SPL72FP320Wp	16.47				
								SPL72FP325Wp	16.72				
								SPL72FP330Wp	16.98				
								SPL60FP250Wp	13				
					ii	Multi C-Si Modules	SPL60FP260Wp, (260 Wp)	SPL60FP255Wp	13.26				
								SPL60FP260Wp	13.52				
								SPL60FP265Wp	13.78				
								SPL60FP270Wp	14.04				
								SS-255	15.3				
								SS-260	15.6				
								SS-265	15.89				
								SS-270	16.19				
34	M/s. Sahaj Solar Private Ltd	Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej - Bavla Road, NH 88, Ahmedabad, Gujarat - 382220, India	R-72005630	100	i	Multi C-Si Modules	SS-265, (265Wp)	SS-275	16.49	60 (Full Cells)	1500	18.08.2022	17.08.2024
								SS-280	15.32				
								SS-285	15.6				
								SS-290	15.86				
								SS-295	16.14				
								SS-300	16.42				
								SS-305	16.69				
								SS-310	16.95				
					ii	Multi C-Si Modules	SS-295, (295Wp)	SS-315	15.85				
								SS-320	16.1				
								SS-325	16.35				
								SS-330	16.6				
								SS-335	16.85				
								SS-340	17.1				
								SS-345	17.35				
								SS-350	17.6				
iii	Multi C-Si Modules	SS-330, (330Wp)	R250P	16.5									
			R255P	16.9									
			R260P	17.2									
			R265P	17.5									
			R270P	17.9									
			R250P(72C)	16.5									
			R255P(72C)	16.9									
			R260P(72C)	17									
35	M/s. RaaJratna Ventures Limited	Survey No. 69/2, Ahmedabad-Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadli, Dist. Mehsana, Gujarat - 382715, India	R-72003379	96	i	Multi C-Si Modules	R260P, (260Wp)	R270P(72C)	17.2	72 (Full Cells)	1500	18.08.2022	17.08.2024
								R300P	16.7				
								R305P	16.9				
								R310P	17.2				
								R315P	17.4				
								R320P	17.7				
								R325P	17.9				
								R330P	18.3				
					ii	Multi C-Si Modules	R260P(72C), (260Wp)	R335P	18.4				
								R420M	19.27				
								R425M	19.5				
								R430M	19.73				
								R435M	19.96				
								R440M	20.18				
								R445M	20.41				
								R450M	20.64				
iii	Multi C-Si Modules	R300P, (300Wp)	R510M	19.73									
			R515M	19.93									
			R520M	20.12									
			R525M	20.31									
			R530M	20.51									
			R535M	20.7									
			R540M	20.89									
			R545M	21.09									
iv	Multi C-Si Modules	R320P, (320Wp)	R550M	21.28									
			ASM-M10-144-500	19.48									
			ASM-M10-144-501	19.51									
			v	Mono PERC C-Si Modules	R435M, (435Wp)	R50M	19.48						
						R505M	19.73						
						R510M	19.93						
						R515M	20.12						
						R520M	20.31						
R525M	20.51												
R530M	20.7												
R535M	20.89												
vi	Mono PERC C-Si Modules	RS30M, (530Wp)	R540M	21.09									
			R545M	21.28									
			R550M	21.47									
			R555M	21.66									
			R560M	21.85									
			R565M	22.04									
			R570M	22.23									
			R575M	22.42									
36	M/s. Mundra Solar Energy Ltd	Taluka Mundra, Survey No.180/P, Sector-01,South Of APL/CGPL Power	R-72005460	2158				ASM-M10-144-500	19.48				
								ASM-M10-144-501	19.51				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity									
												From	To (subject to valid BIS Registration; else deemed to be delisted)								
		Plant, Near EMC Bridge, Tunda, Kachchh- 370435 Gujarat			i	Mono C-Si PERC Modules	ASM-M10-144-520, (520Wp)	ASM-M10-144-502	19.55	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024								
ASM-M10-144-503	19.59																				
ASM-M10-144-504	19.63																				
ASM-M10-144-505	19.67																				
ASM-M10-144-506	19.71																				
ASM-M10-144-507	19.75																				
ASM-M10-144-508	19.79																				
ASM-M10-144-509	19.83																				
ASM-M10-144-510	19.86																				
ASM-M10-144-511	19.9																				
ASM-M10-144-512	19.94																				
ASM-M10-144-513	19.98																				
ASM-M10-144-514	20.02																				
ASM-M10-144-515	20.06																				
ASM-M10-144-516	20.1																				
ASM-M10-144-517	20.14																				
ASM-M10-144-518	20.18																				
ASM-M10-144-519	20.22																				
ASM-M10-144-520	20.25																				
ASM-M10-144-521	20.29																				
ASM-M10-144-522	20.33																				
ASM-M10-144-523	20.37																				
ASM-M10-144-524	20.41																				
ASM-M10-144-525	20.45																				
ASM-M10-144-526	20.49																				
ASM-M10-144-527	20.53																				
ASM-M10-144-528	20.57																				
ASM-M10-144-529	20.6																				
ASM-M10-144-530	20.64																				
ASM-M10-144-531	20.68																				
ASM-M10-144-532	20.72																				
ASM-M10-144-533	20.76																				
ASM-M10-144-534	20.8																				
ASM-M10-144-535	20.84																				
ASM-M10-144-536	20.88																				
ASM-M10-144-537	20.92																				
ASM-M10-144-538	20.96																				
ASM-M10-144-539	20.99																				
ASM-M10-144-540	21.03																				
ASM-M10-144-541	21.07																				
ASM-M10-144-542	21.11																				
ASM-M10-144-543	21.15																				
ASM-M10-144-544	21.18																				
ASM-M10-144-545	21.22																				
									ii					Bifacial Mono c-Si PERC Modules	ASB-M10-144-520, (520Wp)	ASB-M10-144-500	19.48	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
ASB-M10-144-501	19.51																				
ASB-M10-144-502	19.55																				
ASB-M10-144-503	19.59																				
ASB-M10-144-504	19.63																				
ASB-M10-144-505	19.67																				
ASB-M10-144-506	19.71																				
ASB-M10-144-507	19.75																				
ASB-M10-144-508	19.79																				
ASB-M10-144-509	19.83																				
ASB-M10-144-510	19.86																				
ASB-M10-144-511	19.9																				
ASB-M10-144-512	19.94																				
ASB-M10-144-513	19.98																				
ASB-M10-144-514	20.02																				
ASB-M10-144-515	20.06																				
ASB-M10-144-516	20.1																				
ASB-M10-144-517	20.14																				
ASB-M10-144-518	20.18																				
ASB-M10-144-519	20.22																				
ASB-M10-144-520	20.25																				
ASB-M10-144-521	20.29																				
ASB-M10-144-522	20.33																				
ASB-M10-144-523	20.37																				
ASB-M10-144-524	20.41																				
ASB-M10-144-525	20.45																				
ASB-M10-144-526	20.49																				
ASB-M10-144-527	20.53																				
ASB-M10-144-528	20.57																				
ASB-M10-144-529	20.6																				
ASB-M10-144-530	20.64																				
ASB-M10-144-531	20.68																				
ASB-M10-144-532	20.72																				
ASB-M10-144-533	20.76																				
ASB-M10-144-534	20.8																				
ASB-M10-144-535	20.84																				
ASB-M10-144-536	20.88																				
ASB-M10-144-537	20.92																				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								ASB-M10-144-538	20.96				
								ASB-M10-144-539	20.99				
								ASB-M10-144-540	21.03				
								ASB-M10-144-541	21.07				
								ASB-M10-144-542	21.11				
								ASB-M10-144-543	21.15				
								ASB-M10-144-544	21.18				
								ASB-M10-144-545	21.22				
37	M/s. Renewsys India Pvt. Ltd	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra	R-71018970	565	i	Monofacial C-Si PERC Modules	DESERV SGALACTIC-560 (560Wp)	DESERV SGALACTIC-555	19.77	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV SGALACTIC-560	19.95				
								DESERV SGALACTIC-565	20.13				
								DESERV SGALACTIC-570	20.3				
								DESERV SGALACTIC-575	20.48				
								DESERV SGALACTIC-580	20.66				
					ii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-515 (515Wp)	DESERV SGALACTIC-490	18.87	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV SGALACTIC-495	19.06				
								DESERV SGALACTIC-500	19.25				
								DESERV SGALACTIC-505	19.45				
								DESERV SGALACTIC-510	19.64				
								DESERV SGALACTIC-515	19.83				
					iii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-425 (425Wp)	DESERV SGALACTIC-520	20.02	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV SGALACTIC-525	20.22				
								DESERV SGALACTIC-530	20.41				
								DESERV SGALACTIC-535	20.6				
								DESERV SGALACTIC-405	18.61				
								DESERV SGALACTIC-410	18.84				
					iv	Bifacial C-Si PERC Modules	DESERV EXTREME-560 (560Wp)	DESERV SGALACTIC-415	19.07	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV SGALACTIC-420	19.3				
								DESERV SGALACTIC-425	19.53				
								DESERV SGALACTIC-430	19.76				
								DESERV SGALACTIC-435	19.99				
								DESERV SGALACTIC-440	20.22				
					v	Bifacial C-Si PERC Modules	DESERV EXTREME-515 (515Wp)	DESERV SGALACTIC-445	20.45	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV EXTREME-555	19.77				
								DESERV EXTREME-560	19.95				
								DESERV EXTREME-565	20.13				
								DESERV EXTREME-570	20.3				
								DESERV EXTREME-575	20.48				
					vi	Bifacial C-Si PERC Modules	DESERV EXTREME-425 (425Wp)	DESERV EXTREME-580	20.66	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV EXTREME-490	18.87				
								DESERV EXTREME-495	19.06				
								DESERV EXTREME-500	19.25				
								DESERV EXTREME-505	19.45				
								DESERV EXTREME-510	19.64				
					vii	Mono PERC C-Si Module	DESERV SGALACTIC-590 (590 Wp)	DESERV EXTREME-515	19.83	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV EXTREME-520	20.02				
								DESERV EXTREME-525	20.22				
								DESERV EXTREME-530	20.41				
								DESERV EXTREME-535	20.6				
								DESERV EXTREME-405	18.61				
viii	Mono PERC C-Si Module	DESERV SGALACTIC-545 (545 Wp)	DESERV EXTREME-410	18.84	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV EXTREME-415	19.07									
			DESERV EXTREME-420	19.3									
			DESERV EXTREME-425	19.53									
			DESERV EXTREME-430	19.76									
			DESERV EXTREME-435	19.99									
ix	Mono PERC C-Si Module	DESERV SGALACTIC-455 (455Wp)	DESERV EXTREME-440	20.22	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV EXTREME-445	20.45									
			DESERV SGALACTIC-585	20.83									
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
x	Mono PERC Bifacial C-Si Module	DESERV EXTREME-590 (590 Wp)	DESERV SGALACTIC-450	20.7	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.01									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
xi	Mono PERC Bifacial C-Si Module	DESERV EXTREME-545 (545 Wp)	DESERV EXTREME-450	20.7	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV EXTREME-455	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
xii	Mono PERC Bifacial C-Si Module	DESERV EXTREME-455 (455 Wp)	WSMD-520	20.2	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			WSMD-525	20.39									
			WSMD-530	20.58									
			WSMD-535	20.78									
			WSMD-540	20.97									
			WSMD-545	21.17									
38	M/s. Waaree Energies Limited	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India	R-72005533	8524	i	Mono C-Si PERC Modules	WSMD-540, (540Wp)	WSMD-520	20.2	144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								WSMD-525	20.39				
								WSMD-530	20.58				
								WSMD-535	20.78				
								WSMD-540	20.97				
								WSMD-545	21.17				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono C-Si PERC Modules	WSMD-600, (600Wp)	WSMD-580	20.35	120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								WSMD-585	20.52				
								WSMD-590	20.7				
								WSMD-595	20.88				
								WSMD-600	21.06				
								WSMD-605	21.24				
					iii	Mono C-Si PERC Modules	WSMD-650, (650Wp)	WSMD-630	20.16	132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								WSMD-635	20.32				
								WSMD-640	20.48				
								WSMD-645	20.64				
								WSMD-650	20.8				
					iv	Bifacial Mono C-Si PERC Modules	Bi-55-540, (540Wp)	Bi-55-520	20.2	144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								Bi-55-525	20.39				
								Bi-55-530	20.58				
								Bi-55-535	20.78				
								Bi-55-540	20.97				
								Bi-55-545	21.17				
					v	Bifacial Mono C-Si PERC Modules	Bi-66-600, (600Wp)	Bi-66-580	20.35	120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								Bi-66-585	20.52				
								Bi-66-590	20.7				
								Bi-66-595	20.88				
								Bi-66-600	21.06				
								Bi-66-600	20.16				
vi	Bifacial Mono C-Si PERC Modules	Bi-68-650, (650Wp)	Bi-68-630	20.16	132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024					
			Bi-68-635	20.32									
			Bi-68-640	20.48									
			Bi-68-645	20.64									
			Bi-68-650	20.8									
39	M/s ITI Limited	ITI Limited, Naini, Mirzapur Road, Naini, Allahabad, Uttar Pradesh-211010, India	R-93012246	30	i	Multi C-Si Modules	ITI320PF72, (320Wp)	ITI305PF72	15.46	72 (Full Cells)	1500	27.09.2022	26.09.2024
								ITI320PF72	16.22				
								ITI325PF72	16.47				
								ITI205PF48	15.32				
								ITI155PF36	15.61				
								ITI125PF36	15.9				
								ITI125PC36	18.27				
								ITI100PC36	14.7				
								ITI080PC36	15.27				
								ITI075PC36	14.71				
								ITI060PC36	13.95				
								ITI050PC36	13.51				
ITI040PC36	13.78												
40	M/s. Goldi Sun Private Limited	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India	R-72006149	2209	i	Mono C-Si PERC Modules	GS10-M144-WF-540, (540Wp)	GS10-M144-WF-540	21.11	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								GS10-B144-TF-525	20.33				
								GS10-B144-TF-530	20.53				
					ii	Mono C-Si PERC Bifacial Modules	GS10-B144-TF-535, (535Wp)	GS10-B144-TF-535	20.73	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								GS10-B144-TF-540	20.92				
								GS10-B144-WF-525	20.33				
					iii	Mono C-Si PERC Modules	GS10-B144-WF-530, (530Wp)	GS10-B144-WF-530	20.53	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								GS10-B144-WF-535	20.72				
								GS10-B144-GF-525	20.34				
					iv	Mono C-Si PERC Bifacial Modules	GS10-B144-GF-535, (535Wp)	GS10-B144-GF-530	20.53	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								GS10-B144-GF-535	20.73				
								GS10-B144-GF-540	20.92				
					v	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	GS10-M144-WF-500	19.36	144 Half Cut Cells	1500	27.09.2022	26.09.2024
								GS10-M144-WF-505	19.56				
								GS10-M144-WF-510	19.75				
								GS10-M144-WF-515	19.94				
								GS10-M144-WF-520	20.13				
								GS10-M144-WF-525	20.33				
								GS10-M144-WF-530	20.53				
								GS10-M144-WF-535	20.73				
								GS10-M144-WF-545	21.11				
								GS10-M144-WF-550	21.3				
								GS10-B144-TF-545	21.1				
								GS10-B144-TF-550	21.3				
vi	Bifacial Mono c-Si PERC Modules	GS10-B144-TF-545, (545Wp)	GS10-B144-TF-545	21.1	144 Half Cut Cells	1500	27.09.2022	26.09.2024					
			GS10-B144-TF-550	21.3									
vii	Bifacial Mono c-Si PERC Modules	GS10-B144-GF-545, (545Wp)	GS10-B144-GF-545	21.1	144 Half Cut Cells	1500	27.09.2022	26.09.2024					
			GS10-B144-GF-550	21.3									
viii	Mono c-Si PERC Modules	GS10-M132-WF-500, (500Wp)	GS10-M132-WF-500	21.06	132 Half Cut Cells	1500	27.09.2022	26.09.2024					
			GS10-M132-WF-505	21.28									
41	M/s. SunField Energy Private Ltd	B-3, IDA Kukatapally, Gandhinagar, Medchal- Malkajgiri, Telengana - 500037, India	R-63002062	29	i	Multi- C-Si Modules	SEPL24335, (335Wp)	SEPL24335	17.3	72 Full Cells	1500	27.09.2022	26.09.2024
								SEPL24330	17				
								SEPL24325	16.8				
								SEPL24320	16.5				
								SEPL24315	16.03				
								SEPL24310	16				
					ii	Multi- C-Si Modules	SEPL24315, (315Wp)	SEPL24315	16.03	72 Full Cells	1500	27.09.2022	26.09.2024
								SEPL24310	16				
								SEPL24305	15.7				
								SEPL24300	15.6				
								SEPL24280F	17.2				
								SEPL20275F	16.9				
					iii	Multi- C-Si Modules	SEPL20270F, (270Wp)	SEPL20275F	16.9	60 Full Cells	1500	27.09.2022	26.09.2024
								SEPL20270F	16.6				
								SEPL20265F	16.3				
								SEPL20260F	16				
								SEPL20255F	15.6				
								SEPL20250F	15.3				
					iv	Multi- C-Si Modules	SEPI20250F, (250Wp)	SEPI20250F	15.3	60 Full Cells	1500	27.09.2022	26.09.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Multi- C-Si Modules	SEPL18245F, (245Wp)	SEPL20245F SEPL20240F SEPL18255F SEPL18250F SEPL18245F SEPL18240F SEPL18235F SEPL18230F	15.1 14.7 15.2 15.2 14.9 14.6 14.29 13.99	54 Full Cells	1000	27.09.2022	26.09.2024
					vi	Multi- C-Si Modules	SEPL18225F, (225p)	SEPL18225F SEPL18220F SEPL18215F	13.68 13.38 13.07	54 Full Cells	1000	27.09.2022	26.09.2024
					vii	Multi- C-Si Modules	SEPL12165F, (165Wp)	SEPL12170F SEPL12165F SEPL12160F	17.02 16.52 16.02	36 Full Cells	1000	27.09.2022	26.09.2024
					viii	Multi- C-Si Modules	SEPL12150F, (150Wp)	SEPL12155F SEPL12150F SEPL12145F	15.52 15.02 14.52	36 Full Cells	1000	27.09.2022	26.09.2024
					ix	Multi- C-Si Modules	SEPL24290, (290Wp)	SEPL24300 SEPL24295 SEPL24290 SEPL24285 SEPL24280	15.3 15 14.7 14.5 14.2	72 Cut Cells	1000	27.09.2022	26.09.2024
					x	Multi- C-Si Modules	SEPL24265, (265Wp)	SEPL24275 SEPL24270 SEPL24265 SEPL24260 SEPL24255	14.4 13.7 13.5 13.2 13.1	72 Cut Cells	1000	27.09.2022	26.09.2024
					xi	Multi- C-Si Modules	SEPL24240, (240Wp)	SEPL24250 SEPL24245 SEPL24240 SEPL24235 SEPL24230	15.2 14.9 14.6 14.29 13.99	72 Cut Cells	1000	27.09.2022	26.09.2024
					xii	Multi- C-Si Modules	SEPL24215, (215Wp)	SEPL24225 SEPL24220 SEPL24215 SEPL24210 SEPL24205	13.68 15.76 15.4 15.04 14.68	72 Cut Cells	1000	27.09.2022	26.09.2024
					xiii	Multi- C-Si Modules	SEPL24195, (195Wp)	SEPL24200 SEPL24195 SEPL24190 SEPL24185	14.32 13.97 13.61 13.25	72 Cut Cells	1000	27.09.2022	26.09.2024
					xiv	Multi- C-Si Modules	SEPL24180, (180Wp)	SEPL24180 SEPL24175 SEPL24170 SEPL24165 SEPL24160	15.03 14.61 14.19 13.78 13.36	72 Cut Cells	1000	27.09.2022	26.09.2024
					xv	Multi- C-Si Modules	SEPL24165, (165Wp)	SEPL24155 SEPL24150 SEPL20250	12.95 12.53 15.3	72 Cut Cells	1000	27.09.2022	26.09.2024
					xvii	Multi- C-Si Modules	SEPL20240, (240Wp)	SEPL20245 SEPL20240 SEPL20235 SEPL20230 SEPL20225	15 14.7 14.4 14.1 13.8	60 Cut Cells	1000	27.09.2022	26.09.2024
					xviii	Multi- C-Si Modules	SEPL20215, (215Wp)	SEPL20220 SEPL20215 SEPL20210 SEPL20205 SEPL20200	13.5 13.2 12.9 12.6 12.3	60 Cut Cells	1000	27.09.2022	26.09.2024
					xix	Multi- C-Si Modules	SEPL20195, (195Wp)	SEPL20195 SEPL20190 SEPL12150 SEPL12145 SEPL12140	12 11.6 15.38 14.87 14.46	60 Cut Cells	1000	27.09.2022	26.09.2024
					xx	Multi- C-Si Modules	SEPL12145, (145Wp)	SEPL12135 SEPL12130 SEPL12125 SEPL12120	13.84 13.33 14.86 14.27	36 Cut Cells	600	27.09.2022	26.09.2024
					xxi	Multi- C-Si Modules	SEPL12130, (130Wp)	SEPL12115 SEPL12110 SEPL12105 SEPL12100	13.67 13.08 12.48 14.85	36 Cut Cells	600	27.09.2022	26.09.2024
					xxii	Multi- C-Si Modules	SEPL12115, (115Wp)	SEPL12105 SEPL12100	12.48 14.85	36 Cut Cells	600	27.09.2022	26.09.2024
					xxiii	Multi- C-Si Modules	SEPL12100, (100Wp)	SEPL12095 SEPL12090 SEPL12085 SEPL12080 SEPL12075	14.1 13.36 12.62 14.83 13.9	36 Cut Cells	600	27.09.2022	26.09.2024
					xxiv	Multi- C-Si Modules	SEPL12095, (95Wp)	SEPL12090 SEPL12085 SEPL12080 SEPL12075 SEPL12070	14.1 13.36 12.62 14.83 12.97	36 Cut Cells	600	27.09.2022	26.09.2024
					xxv	Multi- C-Si Modules	SEPL12090, (90Wp)	SEPL12065 SEPL12060 SEPL12055 SEPL12050 SEPL12045	12.05 11.12 10.19 12.33 11.1	36 Cut Cells	600	27.09.2022	26.09.2024
					xxvi	Multi- C-Si Modules	SEPL12085, (85Wp)	SEPL12045 SEPL12040 SEPL12035 SEPL12030 SEPL12025	12.05 11.12 10.19 12.33 11.1	36 Cut Cells	600	27.09.2022	26.09.2024
					xxvii	Multi- C-Si Modules	SEPL12080, (80Wp)	SEPL12025 SEPL12020 SEPL12015 SEPL12010 SEPL12005	13.8 13.5 13.2 12.9 12.6	36 Cut Cells	600	27.09.2022	26.09.2024
					xxviii	Multi- C-Si Modules	SEPL12075, (75Wp)	SEPL12000 SEPL20195 SEPL20190 SEPL12150 SEPL12145 SEPL12140	12.3 12 11.6 15.38 14.87 14.46	36 Cut Cells	600	27.09.2022	26.09.2024
					xxix	Multi- C-Si Modules	SEPL12070, (70Wp)	SEPL12095 SEPL12090 SEPL12085 SEPL12080 SEPL12075	14.1 13.36 12.62 14.83 13.9	36 Cut Cells	600	27.09.2022	26.09.2024
					xxx	Multi- C-Si Modules	SEPL12065, (65Wp)	SEPL12070 SEPL12065 SEPL12060 SEPL12055 SEPL12050	12.97 12.05 11.12 10.19 12.33	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxi	Multi- C-Si Modules	SEPL12060, (60Wp)	SEPL12050 SEPL12045 SEPL12040 SEPL12035 SEPL12030	11.1 10.19 12.33 11.1 9.86	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxii	Multi- C-Si Modules	SEPL12055, (55Wp)	SEPL12045 SEPL12040 SEPL12035 SEPL12030 SEPL12025	11.1 10.19 12.33 11.1 9.86	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxiii	Multi- C-Si Modules	SEPL12050, (50Wp)	SEPL12045 SEPL12040 SEPL12035 SEPL12030 SEPL12025	11.1 10.19 12.33 11.1 9.86	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxiv	Multi- C-Si Modules	SEPL12045, (45Wp)	SEPL12040 SEPL12035 SEPL12030 SEPL12025	11.1 10.19 12.33 11.1	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxv	Multi- C-Si Modules	SEPL12040, (40Wp)	SEPL12040 SEPL12035 SEPL12030 SEPL12025	9.86 11.1 10.19 12.33	36 Cut Cells	600	27.09.2022	26.09.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity																																																				
												From	To (subject to valid BIS Registration; else deemed to be delisted)																																																			
42	M/s. SASA Energy LLP	Opposite Dargah, Morbi-Halvad Road, At-Nichi Mandali, Morbi - Rajkot, Gujarat - 363642, India	R-72005681	91	xxxvi	Multi- C-Si Modules	SEPL1235, (35Wp)	SEPL1235	8.63	36 Cut Cells	600	27.09.2022	26.09.2024																																																			
					xxxvii	Multi- C-Si Modules	SEPL1230, (30Wp)	SEPL1230	8.91	36 Cut Cells	600	27.09.2022	26.09.2024																																																			
					xxxviii	Multi- C-Si Modules	SEPL1224, (24Wp)	SEPL1224	8.73	36 Cut Cells	600	27.09.2022	26.09.2024																																																			
					i	Multi C-Si Modules	SASA325P72, (325Wp)	SASA310P72	15.97	72 (Full Cells)	1500	27.09.2022	26.09.2024																																																			
								SASA315P72	16.23																																																							
								SASA320P72	16.49																																																							
								SASA325P72	16.75																																																							
								SASA330P72	17.01																																																							
								SASA335P72	17.26																																																							
								SASA340P72	17.52																																																							
								SASA285P66	15.67																																																							
								SASA290P66	15.94																																																							
								SASA295P66	16.22																																																							
					ii	Multi C-Si Modules	SASA300P66, (300Wp)	SASA300P66	16.49	66 (Full Cells)	1500	27.09.2022	26.09.2024																																																			
								SASA305P66	16.77																																																							
								SASA310P66	17.04																																																							
								SASA255P60	15.37																																																							
								SASA260P60	15.67																																																							
								SASA265P60	15.97																																																							
								SASA270P60	16.27																																																							
								SASA275P60	16.57																																																							
								SASA230P54	15.34																																																							
								SASA235P54	15.67																																																							
					iii	Multi C-Si Modules	SASA265P60, (265Wp)	SASA240P54	16.01	54 (Full Cells)	1500	27.09.2022	26.09.2024																																																			
								SASA245P54	16.34																																																							
								SASA250P54	16.67																																																							
								SASA200P48	14.93																																																							
								SASA205P48	15.3																																																							
								SASA210P48	15.68																																																							
								SASA215P48	16.05																																																							
								SASA220P48	16.42																																																							
								SASA270M72	18.61																																																							
								SASA275M72	18.86																																																							
					iv	Multi C-Si Modules	SASA240P54, (240Wp)	SASA380M72	19.11	72 (Full Cells)	1500	27.09.2022	26.09.2024																																																			
								SASA385M72	19.37																																																							
								SASA390M72	19.62																																																							
								SASA395M72	19.87																																																							
								SASA400M72	20.17																																																							
								SASA330M66	18.1																																																							
								SASA335M66	18.38																																																							
								SASA340M66	18.65																																																							
								SASA345M66	18.93																																																							
								SASA350M66	19.2																																																							
					v	Multi C-Si Modules	SASA210P48, (210Wp)	SASA355M66	19.48	66 (Full Cells)	1500	27.09.2022	26.09.2024																																																			
								SASA360M66	19.75																																																							
								SASA300M60	18.04																																																							
								SASA305M60	18.34																																																							
								SASA310M60	18.64																																																							
								SASA315M60	18.95																																																							
								SASA320M60	19.25																																																							
								SASA325M60	19.55																																																							
								SASA330M60	19.85																																																							
								SASA285M54	18.97																																																							
					vi	Mono C-Si PERC Modules	SASA385M72, (385Wp)	SASA290M54	19.3	54 (Full Cells)	1500	27.09.2022	26.09.2024																																																			
								SASA295M54	19.63																																																							
								SASA300M54	19.97																																																							
								SASA305M54	20.34																																																							
								SASA245M48	18.25																																																							
								SASA250M48	18.62																																																							
								SASA255M48	19																																																							
								SASA260M48	19.37																																																							
								SASA265M48	19.74																																																							
								SASA24MPC375	18.68																																																							
					vii	Mono C-Si PERC Modules	SASA345M66, (345Wp)	SASA24MPC380	18.92	144 (Half CutCells)	1500	27.09.2022	26.09.2024																																																			
								SASA24MPC385	19.17																																																							
								SASA24MPC390	19.42																																																							
								SASA24MPC395	19.67																																																							
								SASA24MPC400	19.7																																																							
								SASA24MPC405	20.2																																																							
								SEPL72F360M	18.1																																																							
								SEPL72F365M	18.36																																																							
								SEPL72F370M	18.62																																																							
								SEPL72F375M	18.87																																																							
					viii	Mono C-Si PERC Modules	SASA315M60 (315Wp)	SEPL72F380M	19.12	72 (Full Cells)	1500	27.09.2022	26.09.2024																																																			
								SEPL72F385M	19.38																																																							
								SEPL72F390M	19.63																																																							
								SEPL66F325M	17.86																																																							
								SEPL66F330M	18.12																																																							
								SEPL66F335M	18.41																																																							
								SEPL66F340M	18.67																																																							
								SEPL66F345M	18.95																																																							
								ix	Mono C-Si PERC Modules					SASA295M54, (295Wp)	SEPL72F375M, (375Wp)	SEPL72F375M, (375Wp)	18.62	36 Cut Cells	600	27.09.2022	26.09.2024																																											
																						ii	Mono C-Si PERC Modules	SEPL66F340M, (340Wp)	SEPL66F340M, (340Wp)	18.67	36 Cut Cells	600	27.09.2022	26.09.2024																																		
					x	Mono C-Si PERC Modules	SASA255M48, (255Wp)			SASA255M48, (255Wp)	19	48 (Full Cells)	1500																		27.09.2022	26.09.2024																																
																																	xi	Mono C-Si PERC Modules	SASA24MPC390, (390Wp)	SASA24MPC390, (390Wp)	19.37	144 (Half CutCells)	1500	27.09.2022	26.09.2024																							
																																										43	M/s. SUNBOND Energy Pvt. Ltd.	S.No. 181/P2 Opp. 66 KV substation, Mittana- Padadhari Road , Mittana, Rajkot, Gujarat 363650, India	R-72005762	60	i	Mono C-Si PERC Modules	SEPL72F375M, (375Wp)	SEPL72F375M, (375Wp)	18.1	72 (Full Cells)	1500	27.09.2022	26.09.2024									
																																																								ii	Mono C-Si PERC Modules	SEPL66F340M, (340Wp)	SEPL66F340M, (340Wp)	18.67	66 (Full Cells)	1500	27.09.2022	26.09.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
								SEPL66F350M	19.22	60 (Full Cells)	1500	27.09.2022	26.09.2024												
								SEPL66F355M	19.49																
								SEPL60F295M	17.75																
								SEPL60F300M	18.05																
								SEPL60F305M	18.36																
								SEPL60F310M	18.67																
								SEPL60F315M	18.98																
								SEPL60F320M	19.26																
								SEPL60F325M	19.59																
								SEPL54F275M	18.34																
								SEPL54F280M	18.67																
								SEPL54F285M	18.99																
								SEPL54F290M	19.33																
								SEPL48F240M	17.93																
								SEPL48F245M	18.29																
								SEPL48F250M	18.67																
								SEPL48F255M	19.01																
								SEPL48F260M	19.39																
								SEPL144C360M	17.93																
								SEPL144C365M	18.18																
								SEPL144C370M	18.43																
								SEPL144C375M	18.68																
								SEPL144C380M	18.93																
								SEPL144C385M	19.18																
								SEPL144C390M	19.44																
								SEPL36F155P	15.77																
								SEPL36F160P	16.25																
								SEPL36F165P	16.74																
								SEPL48F200P	14.91																
								SEPL48F205P	15.27																
								SEPL48F210P	15.66																
								SEPL48F215P	16.04																
								SEPL48F220P	16.41																
								SEPL48F225P	16.48																
								SEPL48F230P	17.23																
								SEPL54F225P	14.99																
								SEPL54F230P	15.32																
								SEPL54F235P	15.65																
								SEPL54F240P	15.99																
								SEPL54F245P	16.67																
								SEPL60F255P	15.43																
								SEPL60F260P	15.72																
								SEPL60F265P	16.01																
								SEPL60F270P	16.33																
								SEPL60F275P	16.54																
								SEPL66F280P	15.41																
								SEPL66F285P	15.64																
								SEPL66F290P	15.92																
								SEPL66F295P	16.2																
								SEPL66F300P	16.48																
								SEPL72F300P	15.12																
								SEPL72F305P	15.36																
								SEPL72F315P	15.6																
								SEPL72F320P	15.89																
								SEPL72F325P	16.19																
								SEPL72F330P	16.4																
								SEPL72C285P	14.37																
								SEPL72C290P	14.61																
								SEPL72C295P	14.87																
								SEPL72F335P	16.91																
								SEPL72F340P	17.12																
								SEPL72F400M	20.16																
								SEPLM10-500	19.35																
								SEPLM10-505	19.54																
								SEPLM10-510	19.74																
								SEPLM10-515	19.93																
								SEPLM10-520	20.12																
								SEPLM10-525	20.32																
								SEPLM10-530	20.51																
								SEPLM10-535	20.71																
								SEPLM10-540	20.9																
								SEPLM10-545	21.09																
								SEPLM10-550	21.29																
								Cos Po 320P	16.49																
								Cos Po 325P	16.75																
								Cos Po 330P	17.01																
								Cos Po 335P	17.26																
								Cos Po 300P	15.46																
								Cos Po 305P	15.72																
								Cos Po 310P	15.98																
								Cos Po 315P	16.23																
								44	M/s. Cosmic PV Power Pvt. Ltd.					Block No:E-43/44, D-26/27, A-366 to A-371, A487 to A-492, L-365 and L-493, Hindwa Dreams, Dhoran Pardi, Gayapagal Road, Kamrej, Surat-394155	R-72005100	70	i	Multi C-Si Modules	Cos Po 330P (330 Wp)			72 FULL CELL	1500	27.09.2022	26.09.2024
																	ii	Multi C-Si Modules	Cos Po 300P (300 Wp)			72 FULL CELL	1500	27.09.2022	26.09.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
45	M/s. Emmvee Photovoltaic Power Private Limited	Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru rurak District, Karnataka	R-62002976	671	iii	Multi C-Si Modules	Cos Po 270P (270 Wp)	Cos Po 260P 15.82	15.82	60 FULL CELL	1500	27.09.2022	26.09.2024
					iv	Multi C-Si Modules	Cos Po 250P (250 Wp)	Cos Po 270P 16.43 Cos Po 275P 16.73 Cos Po 280P 17.04 Cos Po 250P 15.21 Cos Po 255P 15.52	15.52				
					i	Mono C-Si PERC Monofacial Modules	E520HCMW144 (520 Wp)	E545HCMW144 21.1	21.1	144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
								E540HCMW144 20.9	20.9				
								E535HCMW144 20.71	20.71				
								E530HCMW144 20.52	20.52				
								E525HCMW144 20.32	20.32				
								E520HCMW144 20.13	20.13				
								E515HCMW144 19.94	19.94				
								E510HCMW144 19.74	19.74				
								E505HCMW144 19.55	19.55				
								E500HCMW144 19.36	19.36				
					ii	Mono C-Si PERC Bi-Facial Modules	E520HCBG144 (520 Wp)	E495HCMW144 19.16	19.16	144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
								E545HCBG144 21.1	21.1				
								E540HCBG144 20.9	20.9				
								E535HCBG144 20.71	20.71				
								E530HCBG144 20.52	20.52				
								E525HCBG144 20.32	20.32				
								E520HCBG144 20.13	20.13				
								E515HCBG144 19.94	19.94				
E510HCBG144 19.74	19.74												
E505HCBG144 19.55	19.55												
iii	Mono C-Si PERC Monofacial Modules	E430HCMW120 (430 Wp)	E495HCMW144 19.16	19.16	120 (Half Cut Cells)	1500	27.09.2022	26.09.2024					
			E450HCMW120 20.74	20.74									
			E445HCMW120 20.51	20.51									
			E440HCMW120 20.28	20.28									
			E435HCMW120 20.05	20.05									
			E430HCMW120 19.82	19.82									
			E425HCMW120 19.59	19.59									
			E420HCMW120 19.36	19.36									
			E415HCMW120 19.13	19.13									
			E410HCMW120 18.9	18.9									
iv	Mono C-Si PERC Bi-Facial Modules	E430HCBG120 (430 Wp)	E450HCBG120 20.74	20.74	120 (Half Cut Cells)	1500	27.09.2022	26.09.2024					
			E445HCBG120 20.51	20.51									
			E440HCBG120 20.28	20.28									
			E435HCBG120 20.05	20.05									
			E430HCBG120 19.82	19.82									
			E425HCBG120 19.59	19.59									
			E420HCBG120 19.36	19.36									
			E415HCBG120 19.13	19.13									
			E410HCBG120 18.9	18.9									
			E550HCMW144 21.29	21.29					144 Half Cut Cells	1500	27.09.2022	26.09.2024	
vi	Bifacial Mono c-Si PERC Module	E550HCBG144	E550HCBG144 21.29	21.29	144 Half Cut Cells	1500	27.09.2022	26.09.2024					
			E385HCBG108 19.74	19.74									
vii	Bifacial Mono c-Si PERC Module	E395HCBG108	E390HCBG108 20.00	20.00	108 Half Cut Cells	1500	27.09.2022	26.09.2024					
			E395HCBG108 20.25	20.25									
			E400HCBG108 20.51	20.51									
			E405HCBG108 20.76	20.76									
viii	Bifacial Mono c-Si PERC Module	E490HCBG132	E480HCBG132 20.18	20.18	132 Half Cut Cells	1500	27.09.2022	26.09.2024					
			E485HCBG132 20.40	20.40									
			E490HCBG132 20.61	20.61									
			E495HCBG132 20.82	20.82									
ix	Mono c-Si PERC Module	E395HCMW108	E500HCBG132 21.03	21.03	108 Half Cut Cells	1500	27.09.2022	26.09.2024					
			E385HCMW108 19.74	19.74									
			E390HCMW108 20.00	20.00									
			E395HCMW108 20.25	20.25									
x	Mono c-Si PERC Module	E490HCMW132	E400HCMW108 20.51	20.51	132 Half Cut Cells	1500	27.09.2022	26.09.2024					
			E405HCMW108 20.76	20.76									
			E480HCMW132 20.18	20.18									
			E485HCMW132 20.40	20.40									
46	M/s. Jyotibtech Solar LLP	Plot No R-456, Rabale MIDC, TTC Industrial Area, Navi Mumbai-400701, Maharashtra, India.	R-71018171	36	i	Multi C-Si Modules	JTSP72F320 (320 Wp)	JTSP72F305 15.36	15.36	72 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP72F310 15.62	15.62				
								JTSP72F315 15.87	15.87				
								JTSP72F320 16.12	16.12				
								JTSP72F325 16.37	16.37				
								JTSP72F330 16.62	16.62				
								JTSP72F335 16.88	16.88				
								JTSP72F340 17.13	17.13				
								JTSP66F270 14.79	14.79				
								JTSP66F275 15.07	15.07				
					ii	Multi C-Si Modules	JTSP72F340 (340 Wp)	JTSP66F280 15.34	15.34	72 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP66F285 15.62	15.62				
								JTSP66F290 15.9	15.9				
								JTSP66F295 16.16	16.16				
					iii	Multi C-Si Modules	JTS66F300 (300 Wp)	JTSP66F290 15.9	15.9	66 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP66F295 16.16	16.16				
								JTSP66F300 16.43	16.43				
								JTSP66F305 16.69	16.69				
								JTSP66F310 16.95	16.95				
								JTSP66F315 17.21	17.21				
iv	Multi C-Si Modules	JTS66F300 (300 Wp)	JTSP66F300 16.43	16.43	66 FULL CELL	1500	27.09.2022	26.09.2024					
			JTSP66F305 16.69	16.69									
			JTSP66F310 16.95	16.95									
			JTSP66F315 17.21	17.21									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					v	Multi C-Si Modules	JTSP60F260 (260 Wp)	JTSP66F300 JTSP60F250 JTSP60F255 JTSP60F260 JTSP60F265 JTSP60F270	16.43 15.01 15.32 15.62 15.92 16.23	60 FULL CELL	1500	27.09.2022	26.09.2024	
					vi	Multi C-Si Modules	JTSP60F275 (275 Wp)	JTSP60F275 JTSP54F230	16.56 15.28	60 FULL CELL	1500	27.09.2022	26.09.2024	
					vii	Multi C-Si Modules	JTSP54F235 (235 Wp)	JTSP54F235 JTSP54F240 JTSP54F245	15.61 15.95 16.28	54 FULL CELL	1500	27.09.2022	26.09.2024	
					viii	Multi C-Si Modules	JTSP48F210 (2100 Wp)	JTSP48F200 JTSP48F205 JTSP48F210 JTSP48F215	14.87 15.24 15.61 15.99	48 FULL CELL	1500	27.09.2022	26.09.2024	
					ix	Multi C-Si Modules	JTSP42F200 (200 Wp)	JTSP42F200 JTSP36F150	16.95 14.66	42 FULL CELL	1500	27.09.2022	26.09.2024	
					x	Multi C-Si Modules	JTSP36F155 (155 Wp)	JTSP36F155 JTSP36F160	15.15 15.63	36 FULL CELL	1000	27.09.2022	26.09.2024	
					xi	Multi C-Si Modules	JTSP36F165 (165 Wp)	JTSP36F165 JTSP72C200	16.12 15.6					
					xii	Multi C-Si Modules	JTSP72C210 (210 Wp)	JTSP72C205 JTSP72C210 JTSP72C215	16.02 16.41 16.8	72 CUT CELL	1500	27.09.2022	26.09.2024	
					xiii	Multi C-Si Modules	JTSP72C260 (260 Wp)	JTSP72C250 JTSP72C255 JTSP72C260 JTSP72C265 JTSP72C270	15.24 15.55 15.85 16.16 16.46					
					xiv	Multi C-Si Modules	JTSP72C275 (275 Wp)	JTSP72C275	16.77	72 CUT CELL	1500	27.09.2022	26.09.2024	
					xv	Multi C-Si Modules	JTSP36C030 (30 Wp)	JTSP36C030	12.78	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xvi	Multi C-Si Modules	JTSP36C35 (35 Wp)	JTSP36C35	11.83	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xvii	Multi C-Si Modules	JTSP36C040 (40 Wp)	JTSP36C040	13.52	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xviii	Multi C-Si Modules	JTSP36C045 (45 Wp)	JTSP36C045	15.21	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xix	Multi C-Si Modules	JTSP36C050 (50 Wp)	JTSP36C050	13.5	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xx	Multi C-Si Modules	JTSP36C055 (55 Wp)	JTSP36C055	14.84	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxi	Multi C-Si Modules	JTSP36C060 (60 Wp)	JTSP36C060	14	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxii	Multi C-Si Modules	JTSP36C065 (65 Wp)	JTSP36C065	15.17	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxiii	Multi C-Si Modules	JTSP36C070 (70 Wp)	JTSP36C070	13.03	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxiv	Multi C-Si Modules	JTSP36C075 (75 Wp)	JTSP36C075	13.96	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxv	Multi C-Si Modules	JTSP36C080 (80 Wp)	JTSP36C080	14.89	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxvi	Multi C-Si Modules	JTSP36C085 (85 Wp)	JTSP36C085	15.82	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxvii	Multi C-Si Modules	JTSP36C090 (90 Wp)	JTSP36C090 JTSP36C095	12.66 13.36	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxviii	Multi C-Si Modules	JTSP36C100 (100 Wp)	JTSP36C100 JTSP36C105 JTSP36C110	14.07 14.78 15.48	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxix	Multi C-Si Modules	JTSP36C115 (115 Wp)	JTSP36C115 JTSP36C120	14.64 15.28	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxx	Multi C-Si Modules	JTSP36C130 (130 Wp)	JTSP36C125 JTSP36C130 JTSP36C135	15.92 16.55 17.19	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxxi	Multi C-Si Modules	JTSP36C145 (145 Wp)	JTSP36C140 JTSP36C145 JTSP36C150	14.45 14.96 15.48	36 CUT CELL	1000	27.09.2022	26.09.2024	
					xxxii	Mono PERC C-Si Modules	JTSM72F375 (385 Wp)	JTSM72F370 JTSM72F375 JTSM72F380 JTSM72F385 JTSM72F390 JTSM72F395	18.64 18.9 19.14 19.36 19.65 19.89	72 FULL CELL	1500	27.09.2022	26.09.2024	
					xxxiii	Mono PERC C-Si Modules	JTSM66F350 (350 Wp)	JTSM66F340 JTSM66F345 JTSM66F350 JTSM66F355 JTSM66F360	18.26 18.63 18.9 19.18 19.45	66 FULL CELL	1500	27.09.2022	26.09.2024	
					xxxiv	Mono PERC C-Si Modules	JTSM60F310 (310 Wp)	JTSM60F300 JTSM60F305 JTSM60F310 JTSM60F315 JTSM60F320	18.29 18.58 18.9 19.2 19.51	60 FULL CELL	1500	27.09.2022	26.09.2024	
					xxxv	Mono PERC C-Si Modules	JTSM54F290 (290 Wp)	JTSM54F280 JTSM54F285 JTSM54F290 JTSM54F295	18.6 18.53 19.26 19.6	54 FULL CELL	1500	27.09.2022	26.09.2024	
					xxxvi	Mono PERC C-Si Modules	JTSM48F250 (250 Wp)	JTSM48F300 JTSM48F245 JTSM48F250 JTSM48F255 JTSM48F260	19.93 18.21 18.59 18.96 19.33	48 FULL CELL	1500	27.09.2022	26.09.2024	

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxxvii	Mono PERC C-Si Modules	JTSM42F220 (220 Wp)	JTSM42F220	18.64	42 FULL CELL	1500	27.09.2022	26.09.2024
					xxxviii	Mono PERC C-Si Modules	JTSM36F185 (185 Wp)	JTSM36F180 JTSM36F185 JTSM36F190	17.59 18.07 18.57	36 FULL CELL	1000	27.09.2022	26.09.2024
47	M/s. Suryakamal Energy Pvt. Ltd	Survey No 1303, Shade No 4, Radhika Enterprise, Undrel, Daskroi, Ahmedabad, Gujarat-382433, India	R-72004596	27	i	Multi C-Si Modules	SK72C315W (315 Wp)	SK72C330W SK72C325W SK72C320W SK72C315W SK72C300W	17 16.7 16.5 16.2 15.5	72 FULL CELL	1000	27.09.2022	26.09.2024
48	M/s. Abhishek Solar Industries Pvt. Ltd	P.O- Vikash Neori, Beside Premchand Mahto High School, Ranchi-835217, Jharkhand	R-58000086	25	i	Multi C-Si Modules	ASPD-325 (325 Wp)	ASPD-315 ASPD-325 ASPD-335	16.19 16.81 17.35	72 Full Cells	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	ASP-325 (325 Wp)	ASP-315 ASP-325 ASP-335	16.19 16.81 17.35	72 Full Cells	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	ASP-265 (265 Wp)	ASP-260 ASP-265 ASP-270 ASP-275	15.9 16.25 16.54 16.93	60 Full Cells	1500	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	ASPD-265 (265 Wp)	ASPD-260 ASPD-265 ASPD-270	15.95 16.15 16.56	60 Full Cells	1500	25.01.2023	24.01.2025
					v	Multi C-Si Modules	ASPD-240 (240 Wp)	ASPD-230 ASPD-240 ASPD-190	15.67 16.35 15.12	54 Full Cells	1500	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	ASPD-200 (200 Wp)	ASPD-200	16.31	42 Full Cells	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	ASPD-160 (160 Wp)	ASPD-160	16.1	36 Full Cells	1000	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	ASPD-125 (125 Wp)	ASPD-125	16.05	36 Cut Cells	1000	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	ASP-100 (100 Wp)	ASP-100	15.5	36 Cut Cells	1000	25.01.2023	24.01.2025
					x	Multi C-Si Modules	ASPD-75 (75 Wp)	ASPD-75	14.55	36 Cut Cells	1000	25.01.2023	24.01.2025
					xi	Multi C-Si Modules	ASP-75 (75 Wp)	ASP-75	14.55	36 Cut Cells	1000	25.01.2023	24.01.2025
					xii	Multi C-Si Modules	ASPD-60 (60 Wp)	ASPD-60	14.8	36 Cut Cells	1000	25.01.2023	24.01.2025
					xiii	Multi C-Si Modules	ASPD-40 (40 Wp)	ASPD-40	13.87	36 Cut Cells	1000	25.01.2023	24.01.2025
49	M/s. Aatmanirbhar Solar Pvt. Ltd.	Survey no 192, Dudhathal, Kheda, Gujarat - 387620, India	R-72005940	100	i	Mono C-Si PERC Modules	ASPL380MP72 (380 Wp)	ASPL365MP72 ASPL370MP72 ASPL375MP72 ASPL380MP72 ASPL385MP72 ASPL390MP72 ASPL395MP72	18.39 18.64 18.89 19.14 19.4 19.65 19.9	72 FULL CELL	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	ASPL320P72 (320 Wp)	ASPL305P72 ASPL310P72 ASPL315P72 ASPL320P72 ASPL325P72 ASPL330P72 ASPL335P72	15.72 15.98 16.23 16.49 16.75 17.01 17.26	72 FULL CELL	1500	25.01.2023	24.01.2025
50	M/s. Ameya Solar & Semiconductor Pvt. Ltd.	Survey No. 161/1/1A, Rajpeta Road, Maridimamba Temple, Nagavaram Village, Munugapaka Mandlam, Vishaka Patnam, Andhra Pradesh-531033, India	R-66001040	14	i	Multi C-Si Modules	ASSPL-1210 (110 Wp)	ASSPL-1210	9.52	36 (Cut Cells)	600	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	ASSPL-1240 (40 Wp)	ASSPL-1240	12.4	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	ASSPL-1250 (50 Wp)	ASSPL-1250	13.43	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	ASSPL-1275 (75 Wp)	ASSPL-1275	14.01	36 (Cut Cells)	600	25.01.2023	24.01.2025
					v	Multi C-Si Modules	ASSPL-12100 (100 Wp)	ASSPL-12100	14.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	ASSPL-12160 (160 Wp)	ASSPL-12160 ASSPL-20250	16.2 15.19	36 (Full Cells)	1000	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	ASSPL-20260 (260 Wp)	ASSPL-20260 ASSPL-20270	15.8 16.4	60 (Full Cells)	1500	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	ASSPL-24310 (310 Wp)	ASSPL-24300 ASSPL-24310 ASSPL-24320 ASSPL-24330	15.32 15.83 16.34 16.85	72 (Full Cells)	1500	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	ASSPL-24340 (340 Wp)	ASSPL-24340 ASSPL-24350	17.36 18.87	72 (Full Cells)	1500	25.01.2023	24.01.2025
51	M/s. Agrawal Renewable Energy Pvt. Ltd	Plot No. 66/0, Dhoop Building, Volvoi Road, Culti, Ponda, South Goa - 403401, India	R-71013536	60	i	Mono C-Si PERC Modules	DHOOP PM72 345 (345Wp)	DHOOP PM72 330Wp DHOOP PM72 335Wp DHOOP PM72 340Wp DHOOP PM72 345Wp DHOOP PM72 350Wp DHOOP PM72 355Wp DHOOP PM72 360Wp	17 17.26 17.52 17.78 18.03 18.3 18.55	72 (Full Cells)	1500	25.01.2023	24.01.2025

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												From	To (subject to valid BIS Registration; else deemed to be delisted)			
					ii	Mono C-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 370Wp	19.01	72 (Full Cells)	1500	25.01.2023	24.01.2025			
								DHOOP PM72 375Wp	19.26							
								DHOOP PM72 380Wp	19.52							
								DHOOP PM72 385Wp	19.78							
								DHOOP PM72 390Wp	20.04							
								DHOOP PM72 395Wp	20.29							
								DHOOP PM72 400Wp	20.55							
								DHOOP PM72 405Wp	20.81							
					iii	Multi C-Si Modules	DHOOP PP48 210 (210Wp)	DHOOP PP48 200Wp	15.2	48 (Full Cells)	1500	25.01.2023	24.01.2025			
								DHOOP PP48 205Wp	15.64							
								DHOOP PP48 210Wp	15.89							
								DHOOP PP48 215Wp	16.27							
					iv	Multi C-Si Modules	DHOOP PP48 225 (225Wp)	DHOOP PP48 220Wp	16.64	48 (Full Cells)	1500	25.01.2023	24.01.2025			
								DHOOP PP48 225Wp	17.02							
								DHOOP PP48 230Wp	17.41							
								DHOOP PP48 235Wp	17.78							
					v	Multi C-Si Modules	DHOOP PP60 260 (260Wp)	DHOOP PP60 250Wp	15.16	60 (Full Cells)	1500	25.01.2023	24.01.2025			
								DHOOP PP60 255Wp	15.46							
								DHOOP PP60 260Wp	15.76							
								DHOOP PP60 265Wp	16.07							
					vi	Multi C-Si Modules	DHOOP PP60 280 (280Wp)	DHOOP PP60 270Wp	16.37	60 (Full Cells)	1500	25.01.2023	24.01.2025			
								DHOOP PP60 275Wp	16.67							
								DHOOP PP60 280Wp	17.08							
								DHOOP PP72 300Wp	15.41							
					vii	Multi C-Si Modules	DHOOP PP72 315 (315Wp)	DHOOP PP72 305Wp	15.67	72 (Full Cells)	1500	25.01.2023	24.01.2025			
								DHOOP PP72 310Wp	15.92							
								DHOOP PP72 315Wp	16.18							
								DHOOP PP72 320Wp	16.44							
DHOOP PP72 325Wp	16.69															
DHOOP PP72 330Wp	16.95															
DHOOP PP72 335Wp	17.26															
DHOOP PP72 340Wp	17.52															
ix	Multi C-Si Modules	DHOOP PP36 100 (100Wp)	DHOOP PP36 100Wp	14.63	36 (Cut Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 110Wp	16.18												
x	Multi C-Si Modules	DHOOP PP36 110 (110Wp)	DHOOP PP36 110Wp	16.18	36 (Cut Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 120Wp	16.51												
xi	Multi C-Si Modules	DHOOP PP36 120 (120Wp)	DHOOP PP36 120Wp	16.51	36 (Cut Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 150Wp	15.01												
xii	Multi C-Si Modules	DHOOP PP36 150 (150Wp)	DHOOP PP36 150Wp	15.01	36 (Full Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 160Wp	16.14												
xiii	Multi C-Si Modules	DHOOP PP36 160 (160Wp)	DHOOP PP36 160Wp	16.14	36 (Full Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 40 (40Wp)	13.31												
xiv	Multi C-Si Modules	DHOOP PP36 40 (40Wp)	DHOOP PP36 40Wp	13.31	36 (Cut Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 50 (50Wp)	13.35												
xv	Multi C-Si Modules	DHOOP PP36 50 (50Wp)	DHOOP PP36 50Wp	13.35	36 (Cut Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 60 (60Wp)	13.74												
xvi	Multi C-Si Modules	DHOOP PP36 60 (60Wp)	DHOOP PP36 60Wp	13.74	36 (Cut Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 75 (75Wp)	14.27												
xvii	Multi C-Si Modules	DHOOP PP36 75 (75Wp)	DHOOP PP36 75Wp	14.27	36 (Cut Cells)	1500	25.01.2023	24.01.2025								
			DHOOP PP36 80 (80Wp)	14.75												
xviii	Multi C-Si Modules	DHOOP PP36 80 (80Wp)	DHOOP PP36 80Wp	14.75	36 (Cut Cells)	1500	25.01.2023	24.01.2025								
				16.23												
52	M/s. Sunify Solar LLP	Sr. 624 on N/H- 947, Village Sarvad TA Morbi-363660, Gujarat, India	R-72005800	89	i	Multi C-Si Modules	SS72F30P (330 Wp)	SS72F31SP	16.23	72 (Full Cell)	1500	25.01.2023	24.01.2025			
								SS72F32P	16.49							
								SS72F32SP	16.75							
								SS72F330P	17.01							
								SS66F280P	15.67							
								ii	Multi C-Si Modules					SS66F290P (290 Wp)	SS66F285P	15.95
															SS66F290P	16.23
															SS66F295P	16.51
															SS66F300P	16.79
								iii	Multi C-Si Modules					SS60F255P (255 Wp)	SS60F250P	15.4
															SS60F255P	15.71
															SS60F260P	16.01
															SS60F265P	16.32
								iv	Multi C-Si Modules					SS60F265P (265 Wp)	SS60F270P	16.63
															SS72F370M	18.62
															SS72F375M	18.87
															SS72F380M	19.12
								v	Mono C-Si PERC Modules					SS72F385M (385 Wp)	SS72F385M	19.38
															SS72F390M	19.63
															SS66F325M	17.86
															SS66F330M	18.12
								vi	Mono C-Si PERC Modules					SS66F340M (340 Wp)	SS66F335M	18.41
															SS66F340M	18.67
															SS66F345M	18.95
															SS66F350M	19.22
								vii	Mono C-Si PERC Modules					SS60F310M (310 Wp)	SS66F355M	19.49
															SS60F295M	17.75
															SS60F300M	18.05
															SS60F305M	18.36
								viii	Mono C-Si PERC Modules					SS144C390M (390 Wp)	SS60F310M	18.67
															SS60F315M	18.98
															SS60F320M	19.26
															SS60F325M	19.59
								ix	Mono c-Si PERC Module					SS132C490M (490 Wp)	SS144C375M	18.67
															SS144C380M	18.92
															SS144C385M	19.17
															SS144C390M	19.42
															SS132C480M	20.21
															SS132C485M	20.45
															SS132C490M	20.64
															SS132C495M	20.85
															SS132C500M	21.06

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					x	Mono c-Si PERC Module	SS144CS05M (505 Wp)	SS144CS05M	19.55	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025							
								SS144CS10M	19.75											
								SS144CS15M	19.94											
					xi	Mono c-Si PERC Module	SS144CS35M (535 Wp)	SS144CS30M	20.13	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025							
								SS144CS25M	20.32											
								SS144CS30M	20.52											
								SS144CS35M	20.71											
								SS144CS40M	20.9											
								SS144CS45M	21.1											
					xii	Mono c-Si PERC Module	SS156CS65M (565 Wp)	SS144CS50M	21.29	156 (Half Cut Cell)	1500	25.01.2023	24.01.2025							
								SS144CS55M	21.48											
								SS144CS60M	21.68											
								SS156CS55M	20.21											
								SS156CS70M	20.39											
								SS156CS75M	20.57											
53	M/s. Unique Sun Power LLP	BL No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat, Gujarat-394170, India	R-72005550	43	i	Multi C-Si Modules	SUN36P075 (75 Wp)	SUN36P075	7.45	36 (Cut Cell)	600	25.01.2023	24.01.2025							
								ii	Multi C-Si Modules					SUN36P100 (100 Wp)	SUN36P100	9.94	36 (Cut Cell)	600	25.01.2023	24.01.2025
								iii	Multi C-Si Modules					SUN36P150 (150 Wp)	SUN36P150	14.91	36 (Cut Cell)	600	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	SUN36P160 (160Wp)	SUN36P155	15.41	36 (Full Cell)	1000	25.01.2023	24.01.2025							
								SUN36P160	15.94											
								SUN36P165	16.41											
					v	Multi C-Si Modules	SUN48P210 (210 Wp)	SUN48P205	15.23	48 (Full Cell)	1000	25.01.2023	24.01.2025							
								SUN48P210	15.6											
								SUN48P220	16.34											
					vi	Multi C-Si Modules	SUN60P265 (265 Wp)	SUN60P260	15.61	60 (Full Cell)	1500	25.01.2023	24.01.2025							
								SUN60P265	15.91											
								SUN60P270	16.21											
					vii	Multi C-Si Modules	SUN72P325 (325 Wp)	SUN60P275	16.51	72 (Full Cell)	1500	25.01.2023	24.01.2025							
								SUN72P310	15.56											
								SUN72P315	15.88											
SUN72P320	16.13																			
SUN72P325	16.39																			
SUN72P330	16.64																			
viii	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN72P333	16.79	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025												
			SUN72P335	16.9																
			SUN144P550	21.34																
			SUN144P545	21.14																
			SUN144P540	20.95																
			SUN144P535	20.76																
			SUN144P530	20.56																
			SUN144P525	20.37																
			SUN144P520	20.18																
			SUN120P465	21.45																
			SUN120P460	21.23																
			ix	Mono PERC C-Si Module					SUN120P445 (445 Wp)	SUN120P455	21.01	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025					
SUN120P450	20.79																			
SUN120P445	20.55																			
SUN120P440	20.30																			
SUN120P435	20.07																			
SUN108P420	21.43																			
x	Mono PERC C-Si Module	SUN108P410 (410 Wp)	SUN108P415	21.16	108 (Half Cut Cell)	1500	25.01.2023	24.01.2025												
			SUN108P410	20.90																
			SUN108P405	20.65																
			SUN108P400	20.39																
			ASM560	20.03																
			ASM565	20.21																
54	M/s. Ankur Traders & Engineers Private Limited	D-130, B.S. Road, Industrial Area, Ghaziabad-201009, Uttar Pradesh	R-93009695	45	i	Mono PERC C-Si Module	ASM585(585 Wp)	ASM570	20.39	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025							
								ASM575	20.57											
								ASM580	20.75											
								ASM585	20.93											
								ASM595	19.55											
								ASM510	19.74											
					ii	Mono PERC C-Si Module	ASM530 (530 Wp)	ASM515	19.94	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025							
								ASM520	20.13											
								ASM525	20.32											
								ASM530	20.52											
								ASM535	20.71											
								ASM540	20.9											
					iii	Mono PERC C-Si Module	ASM480 (480 Wp)	ASM545	21.09	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025							
								ASM550	21.29											
								ASM560	21.7											
ASM495	20.85																			
ASM490	20.64																			
ASM485	20.43																			
ASM480	20.22																			
ASM475	20.01																			
ASM470	19.8																			
ASM465	19.59																			
ASM460	19.38																			
ASM450	20.79																			
ASM445	20.57																			
ASM440	20.33																			

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iv	Mono PERC C-Si Module	ASM430 (430 Wp)	ASM435	20.1	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASM430	19.87				
								ASM425	19.64				
								ASM420	19.41				
								ASM415	19.18				
								ASM410	18.94				
					v	Mono PERC C-Si Module	ASM260 (260 Wp)	ASM250	18.87	72 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASM255	19.25				
								ASM260	19.62				
					vi	Mono PERC C-Si Module	ASM130 (130 Wp)	ASM265	20	36 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								ASM270	20.38				
								ASM125	18.39				
								ASM130	19.12				
vii	Multi C-Si Module	AS330WP (330Wp)	AS1135	19.86	72 (Full Cell)	1500	25.01.2023	24.01.2025					
			AS325WP	16.62									
			AS330WP	16.87									
			AS335WP	17.13									
			AS340WP	17.38									
			AS345WP	17.64									
			L20265P-255W	15.46									
L20265P-260W	15.76												
55	M/s. Bharat Heavy Electricals. Ltd	P.B No-1245, Malleshwaram West, Bangalore-560012, Karnataka	R-62001350	214	i	Multi C-Si Modules	L20265P-265W (265 Wp)	L20265P-265W	16.07	60 (Full Cells)	1000	25.01.2023	24.01.2025
								L20265P-270W	16.27				
								L20265P-275W	16.67				
								L24315P-300W	15.4				
								L24315P-305W	15.7				
								L24315P-310W	15.9				
					ii	Multi C-Si Modules	L24315P-315W (315 Wp)	L24315P-315W	16.2	72 (Full Cells)	1000	25.01.2023	24.01.2025
								L24315P-320W	16.5				
								L24315P-325W	16.7				
					iii	Multi C-Si Modules	PSAAA1B-260W (260 Wp)	L24315P-330W	17	60 (Full Cells)	1500	25.01.2023	24.01.2025
								PSAAA1B-250W	15.4				
								PSAAA1B-255W	15.71				
								PSAAA1B-260W	16.02				
PSAAA1B-265W	16.33												
iv	Multi C-Si Modules	PSAAB1B-315W (315 Wp)	PSAAA1B-270W	16.64	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			PSAAB1B-300W	15.48									
			PSAAB1B-305W	15.73									
			PSAAB1B-310W	15.99									
			PSAAB1B-315W	16.25									
			PSAAB1B-320W	16.51									
			PSAAB1B-325W	16.77									
			MSABB1B-370W	18.5									
			MSABB1B-375W	18.75									
			MSABB1B-380W	19									
v	Mono PERC C-Si Modules	MSABB1B-385W (385 Wp)	MSABB1B-385W	19.25	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			MSABB1B-390W	19.5									
			MSABB1B-395W	19.75									
			MSABB1B-400W	20									
			CS-QU670-132	21.60									
			CS-QU665-132	21.50									
			CS-QU660-132	21.30									
56	M/s. Credence Solar Panels Private Limited	Plot No. 18&19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat	R-72006165	125	i	Mono PERC C-Si Module	CS-QU650-132 (650 Wp)	CS-QU655-132	21.10	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QU650-132	20.44				
								CS-QU645-132	20.28				
								CS-QU640-132	20.13				
								CS-QU635-132	19.97				
								CS-QU630-132	19.81				
								CS-QU625-132	19.66				
								CS-QU620-132	19.5				
								CS-QU590-120	20.76				
								CS-QU585-120	20.58				
								CS-QU580-120	20.41				
								CS-QU575-120	20.23				
								CS-QU570-120	20.05				
CS-QU565-120	19.88												
ii	Mono PERC C-Si Module	CS-QU575-120 (575 Wp)	CS-QU560-120	19.7	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025					
			CS-QU555-120	19.53									
			CS-QU550-120	19.35									
			CS-QU540-110	20.67									
			CS-QU535-110	20.48									
			CS-QU530-110	20.28									
			CS-QU525-110	20.09									
			CS-QU520-110	19.9									
			CS-QU515-110	19.71									
			CS-QU510-110	19.52									
iii	Mono PERC C-Si Module	CS-QU525-110 (525 Wp)	CS-QU505-110	19.33	110 (Half Cut Cell)	1500	25.01.2023	24.01.2025					
			CS-QU500-110	19.14									
			CS-QB650-132	20.47									
			CS-QB645-132	20.31									
			CS-QB640-132	20.15									
			CS-QB635-132	19.99									
			CS-QB630-132	19.84									
iv	Mono PERC Bifacial C-Si Module	CS-QB650-132 (650 Wp)	CS-QB625-132	19.68	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025					
			CS-QB620-132	19.52									
			CS-QB615-132	19.36									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Mono PERC Bifacial C-Si Module	CS-QB575-120 (575 Wp)	CS-QB620-132	19.52	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-QB590-120	20.77				
								CS-QB585-120	20.6				
								CS-QB580-120	20.42				
								CS-QB575-120	20.25				
								CS-QB570-120	20.07				
								CS-QB565-120	19.89				
								CS-QB560-120	19.72				
								CS-QB555-120	19.54				
								CS-QB550-120	19.37				
								CS-QB540-110	20.67				
								CS-QB535-110	20.48				
					CS-QB530-110	20.28							
					CS-QB525-110	20.09							
					CS-QB520-110	19.9							
					CS-QB515-110	19.71							
					CS-QB510-110	19.52							
					CS-QB505-110	19.33							
					CS-QB500-110	19.14							
					CS-HNS50-144	20.95							
					CS-HNS45-144	20.76							
					CS-HNS40-144	20.57							
					CS-HNS35-144	20.38							
					CS-HNS30-144	20.19							
					CS-HNS25-144	20							
					CS-HNS20-144	19.81							
					CS-HNS15-144	19.62							
					CS-HNS10-144	19.43							
					CS-HNS05-144	19.24							
					CS-HNS00-144	19.04							
					CS-SN340-144	17.1							
					CS-SN335-144	16.85							
					CS-SN330-144	16.6							
					CS-SN325-144	16.35							
					CS-SN320-144	16.1							
					CS-SN315-144	15.85							
					CS-SN310-144	15.59							
					SGM-400	20.61							
					SGM-395	20.36							
					SGM-390	20.01							
					SGM-385	19.84							
					SGM-380	19.58							
					SGM-375	19.33							
					SGM-345	19.3							
					SGM-340	19.02							
					SGM-330	17.01							
					SG-325	16.75							
					SG-320	16.49							
SG-315	16.23												
SG-310	15.98												
SG-300	15.46												
SG-300Z	16.78												
SG-250	15.4												
SG-200	15.2												
SG-200Z	16.89												
SG-150	15.03												
H300P72	14.9												
H305P72	15.14												
H310P72	15.39												
H315P72	15.64												
H320P72	15.89												
H325P72	16.14												
H330P72	16.39												
H335P72	16.63												
H150P36	14.76												
H155P36	15.26												
H160P36	15.75												
H500M144	19.36												
H505M144	19.55												
H510M144	19.74												
H515M144	19.94												
H520M144	20.13												
H525M144	20.32												
57	M/s Ganesh Electricals Pvt. Ltd	Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat	R-72005886	69	i	Mono PERC C-Si Modules	SGM-390 (390 Wp)	SGM-400 SGM-395 SGM-390 SGM-385 SGM-380 SGM-375 SGM-345 SGM-340	20.61 20.36 20.01 19.84 19.58 19.33 19.3 19.02	72 (Full Cell)	1500	25.01.2023	24.01.2025
					ii	Mono PERC C-Si Modules	SGM-345 (345 Wp)	SGM-340	19.02	66 (Full Cell)	1500	25.01.2023	24.01.2025
					iii	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-330	20.33	66 (Full Cell)	1500	25.01.2023	24.01.2025
					iv	Mono PERC C-Si Modules	SGM-150 (150 Wp)	SGM-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025
					v	Multi C-Si Modules	SG-315 (315 Wp)	SG-330 SG-325 SG-320 SG-315 SG-310 SG-300	17.01 16.75 16.49 16.23 15.98 15.46	72 (Full Cell)	1500	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	SG-300Z (300 Wp)	SG-300Z	16.78	66 (Full Cell)	1500	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	SG-250 (250 Wp)	SG-250	15.4	60 (Full Cell)	1500	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	SG-200 (200 Wp)	SG-200	15.2	48 (Full Cell)	1500	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	SG-200Z (200 Wp)	SG-200Z	16.89	42 (Full Cell)	1500	25.01.2023	24.01.2025
					x	Multi C-Si Modules	SG-150 (150 Wp)	SG-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025
58	M/s. H R Solar Solution Private Limited	Raghudebpur, NH-6, Panchla, Block- Uluberia-II, Uluberia, Howrah - 711322, West Bengal	R-51001686	136	i	Multi C-Si Modules	H315P72 (315 Wp)	H300P72 H305P72 H310P72 H315P72 H320P72 H325P72 H330P72 H335P72	14.9 15.14 15.39 15.64 15.89 16.14 16.39 16.63	72 (Full Cell)	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	H335P72 (335 Wp)	H330P72 H335P72 H150P36 H155P36 H160P36	16.39 16.63 14.76 15.26 15.75	72 (Full Cell)	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	H155P36 (155 Wp)	H150P36 H155P36 H160P36	14.76 15.26 15.75	36 (Full Cell)	1500	25.01.2023	24.01.2025
					iv	Mono c-Si PERC Module	H525M144 (525 Wp)	H500M144 H505M144 H510M144 H515M144 H520M144 H525M144	19.36 19.55 19.74 19.94 20.13 20.32	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xix	Multi C-Si Modules	P572FP320Wp (320 Wp)	P572FP310Wp	15.7	72 (Full Cells)	1500	25.01.2023	24.01.2025
								P572FP315Wp	15.95				
								P572FP320Wp	16.2				
								P572FP325Wp	16.46				
								P572FP330Wp	16.71				
								P572FP335Wp	16.96				
					xx	Multi C-Si Modules	P572FPD315Wp (315 Wp)	P572FPD300Wp	15.19	72 (Full Cells)	1500	25.01.2023	24.01.2025
								P572FPD305Wp	15.44				
								P572FPD310Wp	15.7				
								P572FPD315Wp	15.95				
								P572FPD320Wp	15.2				
								P572FPD325Wp	16.46				
xxi	Mono C-Si Modules	P572FMP360Wp (360Wp)	P572FMP330Wp	16.71	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			P572FMP335Wp	17.97									
			P572FMP360Wp	18.22									
xxii	Mono C-Si Modules	P572FMP390Wp (390 Wp)	P572FMP370Wp	18.73	72 (Full Cells)	1500	25.01.2023	24.01.2025					
			P572FMP380Wp	19.24									
			P572FMP390Wp	19.75									
61	M/s Urjastrot Enterprise Pvt Ltd	Survey No. 47, Nr. Ramdev Pir Temple, Bedwa, Anand- 388320, Gujarat	R-72005673	43	i	Mono PERC C-Si Modules	USEL380MP72 (380 Wp)	P572FMP355Wp	20	72 (Full Cell)	1500	25.01.2023	24.01.2025
								USEL365MP72	18.39				
								USEL370MP72	18.64				
								USEL375MP72	18.89				
								USEL380MP72	19.14				
								USEL385MP72	19.4				
					ii	Multi C-Si Modules	USEL320P72 (320 Wp)	USEL390MP72	19.65	72 (Full Cell)	1500	25.01.2023	24.01.2025
								USEL395MP72	19.9				
								USEL305P72	15.72				
								USEL310P72	15.98				
								USEL315P72	16.23				
								USEL320P72	16.49				
62	M/s. Fujiyama Power Systems Private Limited	Plot No. 51,52 Sector- Ecotech-1, Ecotech Extn-1, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh	R-93022209	95	i	Mono PERC C-Si Modules	UTL530-72M (530 Wp)	USEL335P72	17.26	72 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL540-72M	20.75				
								UTL535-72M	20.55				
								UTL530-72M	20.35				
								UTL525-72M	20.15				
								UTL520-72M	20				
					ii	Mono PERC C-Si Modules	UTL530-144M (530 Wp)	UTL540-144M	20.75	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
								UTL535-144M	20.55				
								UTL530-144M	20.35				
								UTL525-144M	20.15				
								UTL520-144M	20				
								UTL440-72M	20.2				
iii	Mono PERC C-Si Modules	UTL435-72M (435 Wp)	UTL435-72M	19.97	72 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL430-72M	19.78									
			UTL425-72M	19.51									
			UTL440-144M	20.2									
			UTL435-144M	19.97									
			UTL430-144M	19.78									
iv	Mono PERC C-Si Modules	UTL435-144M (435 Wp)	UTL425-144M	19.51	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025					
			UTL400-72M	20.06									
			UTL395-72M	19.8									
			UTL385-72M	19.3									
			UTL380-72M	19.05									
			UTL400-72M	20.06									
v	Mono PERC C-Si Modules	UTL395-72MI (395 Wp)	UTL395-72M	19.55	72 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL385-72M	19.3									
			UTL380-72M	19.05									
			UTL400-72M	20.06									
			UTL395-72M	19.8									
			UTL390-72M	19.55									
vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL385-72M	19.3	72 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL380-72M	19.05									
			UTL335-72PI	16.89									
			UTL330-72PI	16.65									
			UTL335-72P	17.26									
			UTL330-72P	17.01									
vii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL275-60PI	16.9	72 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL270-60PI	16.6									
			UTL265-60PI	16.3									
			UTL275-60P	16.9									
			UTL270-60P	16.6									
			UTL265-60P	16.3									
viii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL200-36MI	19.7	60 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL195-36MI	19.2									
			UTL190-36MI	18.75									
			UTL205-36M	20.2									
			UTL200-36M	19.7									
			UTL195-36M	19.2									
ix	Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL190-36M	18.75	36 (Full Cell)	1500	27.02.2023	26.02.2025					
			UTL205-36M	20.2									
			UTL200-36M	19.7									
			UTL195-36M	19.2									
			UTL190-36M	18.75									
			UTL165-36PI	16.7									
x	Multi- C-Si Modules	UTL270-60P (270 Wp)			60 (Full Cell)	1500	27.02.2023	26.02.2025					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity								
												From	To (subject to valid BIS Registration; else deemed to be delisted)							
					xiii	Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL160-36PI UTL155-36PI	16.15 15.65	36 (Full Cell)	1500	27.02.2023	26.02.2025							
					iv	Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL150-36PI	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025							
					v	Multi- C-Si Modules	UTL160-36P (160 Wp)	UTL165-36P UTL160-36P UTL155-36P	16.7 16.15 15.65	36 (Full Cell)	1500	27.02.2023	26.02.2025							
					vi	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL150-36P	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025							
					vii	Multi- C-Si Modules	UTL125-36PI (125 Wp)	UTL125-36PI	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					viii	Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL125-36P	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xix	Multi- C-Si Modules	UTL105-36P (105 Wp)	UTL110-36P UTL105-36P UTL100-36P	16.38 15.63 14.89	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xx	Multi- C-Si Modules	UTL105-36PI (105 Wp)	UTL110-36PI UTL105-36PI UTL100-36PI	16.38 15.63 14.89	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxi	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL85-36PI	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxii	Multi- C-Si Modules	UTL80-36PI (80 Wp)	UTL80-36PI	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxiii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xv	Multi- C-Si Modules	UTL75-36P (75 Wp)	UTL75-36P	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xvi	Multi- C-Si Modules	UTL75-36PI (75 Wp)	UTL75-36PI	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xvii	Multi- C-Si Modules	UTL60-36P (60 Wp)	UTL60-36P	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xviii	Multi- C-Si Modules	UTL60-36PI (60 Wp)	UTL60-36PI	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxix	Multi- C-Si Modules	UTL55-36PI (55 Wp)	UTL55-36PI	13.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxx	Multi- C-Si Modules	UTL50-36PI (50 Wp)	UTL50-36PI	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxxi	Multi- C-Si Modules	UTL50-36P (50 Wp)	UTL50-36P	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxxii	Multi- C-Si Modules	UTL45-36PI (45 Wp)	UTL45-36PI	16.11	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					xxxiii	Multi- C-Si Modules	UTL40-36P (40 Wp)	UTL40-36P	14.32	36 (Cut Cell)	1500	27.02.2023	26.02.2025							
					63	M/s. Genus Innovation Limited	SPL-2B, RIICO Industrial Area, Tonk Road, Sitapur, Jaipur-302022, Rajasthan	R-84003395	22	i	Mono PERC C-Si Module	GM375F72 (375 Wp)	GM360F72	18.55	72 (Full Cells)	1500	27.02.2023	26.02.2025		
													GM365F72	18.81						
GM370F72	19.07																			
GM375F72	19.33																			
GM380F72	19.58																			
GM385F72	19.84																			
GM390F72	20.1																			
GI305F72	15.72																			
GI310F72	15.98																			
GI315F72	16.23																			
GI320F72	16.49																			
GI325F72	16.75																			
GI330F72	17.01																			
GI335F72	17.27																			
ii	Multi C-Si Module	GI320F72 (320 Wp)	GI165F36	16.71	36 (Full Cells)	1000	27.02.2023	26.02.2025												
			GI170F36	17.22																
iii	Multi C-Si Module	GI165F36 (165 Wp)	GI150F36	15.19	36 (Full Cells)	1000	27.02.2023	26.02.2025												
			GI150F36	15.19																
64	M/s. Spark Solar Technologies Pvt. Ltd.	N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	R-71023310	42	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10	21.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027							
								SS 540-144R M10	20.92											
								SS 535-144R M10	20.73											
								SS 530-144R M10	20.54											
								SS 525-144R M10	20.34											
								SS 500-132R M10	21.06											
								SS 495-132R M10	20.85											
								SS 490-132R M10	20.64											
								SS 495-132R M10	20.85											
								SS 490-132R M10	20.64											
								SS 495-132R M10	20.85											
								SS 490-132R M10	20.64											
								SS 495-132R M10	20.85											
SS 490-132R M10	20.64																			
65	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonapat-131028, Haryana	R-91008249	71	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP	19.6	72 (Full Cell)	1500	31.05.2023	30.05.2027							
								RSL72FM-380WP	19.4											
								RSL72FM-370WP	19.2											
								RSL600M	21.28											
								RSL595M	21.11											
								RSL590M	20.94											
								ii	Mono PERC Module					RSL100M (100 Wp)	RSL100M	19.6	156 (Half Cut Cell)	1500	31.05.2023	30.05.2027
															RSL100M	19.6				
															RSL100M	19.6				
															RSL100M	19.6				
															RSL100M	19.6				
															RSL100M	19.6				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Module	SL144HC-530 (530 Wp)	SL72M6-395	19.73	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SL72M6-400	20.15				
								SL72M6-405	20.4				
								SL144HC-505	19.54				
								SL144HC-510	19.73				
								SL144HC-515	19.93				
								SL144HC-520	20.12				
								SL144HC-525	20.31				
								SL144HC-530	20.5				
								SL144HC-535	20.7				
								SL144HC-540	20.97				
								SL144HC-545	21.08				
								SL144HC-550	21.28				
								SL144HC-555	21.47				
								INA-144MHC-WF-520	20.14				
								INA-144MHC-WF-525	20.33				
								68	M/s. Insoletion Green Energy Pvt. Ltd				
INA-144MHC-WF-535	20.72												
INA-144MHC-WF-540	20.91												
INA-144MHC-WF-545	21.11												
INA-144MHC-TF-520	20.14												
INA-144MHC-TF-525	20.33												
INA-144MHC-TF-530	20.53												
INA-144MHC-TF-535	20.72												
ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530 (530Wp)	INA-144MHC-TF-530	20.53	144 (Half Cut Cell)	1500	31.05.2023			30.05.2027			
			INA-144MHC-TF-535	20.72									
			INA-144MHC-TF-540	20.91									
			INA-144MHC-TF-545	21.11									
iii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-132MHC-WF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023			30.05.2027			
			INA-132MHC-WF-485	20.41									
			INA-132MHC-WF-490	20.62									
			INA-132MHC-WF-495	20.83									
iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-TF-480	20.19	132 (Half Cut Cell)	1500	31.05.2023			30.05.2027			
			INA-132MHC-TF-485	20.41									
			INA-132MHC-TF-490	20.62									
			INA-132MHC-TF-495	20.83									
v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)	INA-120MHC-WF-435	20.04	120 (Half Cut Cell)	1500	31.05.2023			30.05.2027			
			INA-120MHC-WF-440	20.27									
			INA-120MHC-WF-445	20.5									
			INA-120MHC-WF-450	20.73									
vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-TF-435	20.04	120 (Half Cut Cell)	1500	31.05.2023			30.05.2027			
			INA-120MHC-TF-440	20.27									
			INA-120MHC-TF-445	20.5									
			INA-120MHC-TF-450	20.73									
vii	Mono PERC c-Si Modules	INA-108MHC-WF-395 (395Wp)	INA-108MHC-WF-390	19.86	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
			INA-108MHC-WF-395	20.11									
			INA-108MHC-WF-400	20.37									
			INA-108MHC-WF-405	20.62									
viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)	INA-108MHC-TF-390	19.86	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
			INA-108MHC-TF-395	20.11									
			INA-108MHC-TF-400	20.37									
			INA-108MHC-TF-405	20.62									
ix	Mono c-Si PERC Module	INA-144MHC-WF-555	INA-144MHC-WF-550	21.29	144 Half Cut Cells	1500	31.05.2023	30.05.2027					
			INA-144MHC-WF-555	21.48									
			INA-144MHC-WF-560	21.68									
			INA-144MHC-TF-550	21.29									
x	Bifacial Mono c-Si PERC Module	INA-144MHC-TF-555	INA-144MHC-TF-550	21.48	144 Half Cut Cells	1500	31.05.2023	30.05.2027					
			INA-144MHC-TF-555	21.48									
			INA-144MHC-TF-560	21.68									
			INA-144MHC-TF-560	21.68									
69	M/s. Australian Premium Solar (India) Pvt. Ltd	Tajpur, National Highway No. 08, Ta: Prantij, Dist: Sabarkantha - 383205, Gujarat	R-72001791	25	i	Mono c-Si PERC Module	APSAM-520/144 (520Wp)	APSAM-545/144	21.12	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-540/144	20.91				
								APSAM-535/144	20.73				
								APSAM-530/144	20.53				
								APSAM-525/144	20.35				
								APSAM-520/144	20.16				
								APSAM-515/144	19.98				
								APSAM-510/144	19.79				
					ii	Mono c-Si PERC Module	APSAM-485/132 (485Wp)	APSAM-505/144	19.60	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-500/144	19.42				
								APSAM-495/132	20.85				
								APSAM-490/132	20.64				
					iii	Mono c-Si PERC Module	APSAM-440/120 (440Wp)	APSAM-485/132	20.43	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-480/132	20.22				
								APSAM-475/132	20.01				
								APSAM-450/120	20.73				
					iv	Mono c-Si PERC Module	APSAM-400/108 (400Wp)	APSAM-445/120	20.50	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-440/120	20.27				
								APSAM-435/120	20.04				
								APSAM-410/108	20.98				
					APSAM-405/108	20.72							
					APSAM-400/108	20.47							
					APSAM-395/108	20.21							
					APSAM-390/108	19.96							

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Mono c-Si PERC Module	APSAM-360/96 (360Wp)	APSAM-365/96	20.92	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								APSAM-360/96	20.64				
								APSAM-355/96	20.35				
								APSAM-350/96	20.06				
								APSAM-275/72	20.82				
					vi	Mono c-Si PERC Module	APSAM-265/72 (265Wp)	APSAM-270/72	20.45				
								APSAM-265/72	20.07				
								APSAM-260/72	19.69				
								Orb410M66-15	21.02				
								Orb405M66-15	20.77				
70	M/s. Orb Energy Private Limited	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka	R-62001708	71	i	Mono c-Si PERC Modules	Orb410M66-15 (410Wp)	Orb400M66-15	20.51	66 (Full Cell)	1500	01.09.2023	31.08.2027
								Orb395M66-15	20.25				
								Orb390M66-15	20.00				
								Orb450M72-15	21.19				
								Orb445M72-15	20.95				
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb440M72-15	20.72				
								Orb435M72-15	20.48				
								Orb430M72-15	20.25				
								SMF72HM10-500	19.36				
								SMF72HM10-505	19.55				
71	M/s. Solex Energy Limited	Plot No 1A, Block 93B, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat-394110, Gujarat	R-72008125	581	i	Mono c-Si PERC Module	SMF72HM10-510 (510Wp)	SMF72HM10-510	19.74	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMF72HM10-515	19.94				
								SMF72HM10-520	20.13				
								SMF72HM10-525	20.32				
								SMF72HM10-530	20.52				
					ii	Mono c-Si PERC Module	SMF72HM10-540 (540Wp)	SMF72HM10-535	20.71				
								SMF72HM10-540	20.91				
								SMF72HM10-545	21.10				
								SMF72HM10-550	21.30				
								SMF72HM10-555	21.49				
iii	Mono c-Si PERC Module	SMFB72HM10-510 (510Wp)	SMFB72HM10-500	19.36									
			SMFB72HM10-505	19.55									
			SMFB72HM10-510	19.74									
			SMFB72HM10-515	19.94									
			SMFB72HM10-520	20.13									
iv	Mono c-Si PERC Module	SMFB72HM10-540 (540Wp)	SMFB72HM10-525	20.32									
			SMFB72HM10-530	20.52									
			SMFB72HM10-540	20.91									
			SMFB72HM10-545	21.10									
			SMFB72HM10-550	21.30									
v	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMFB72HM10-555	21.49									
			SMF66HM10-460	19.37									
			SMF66HM10-465	19.59									
			SMF66HM10-470	19.80									
			SMF66HM10-475	20.02									
vi	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-480	20.24									
			SMF66HM10-485	20.44									
			SMF66HM10-490	20.65									
			SMF66HM10-495	20.86									
			SMF66HM10-500	21.07									
vii	Mono c-Si PERC Module	SMFB66HM10-475 (475Wp)	SMF66HM10-505	21.28									
			SMFB66HM10-460	19.37									
			SMFB66HM10-465	19.59									
			SMFB66HM10-470	19.80									
			SMFB66HM10-475	20.02									
viii	Mono c-Si PERC Module	SMFB66HM10-495 (495Wp)	SMFB66HM10-480	20.24									
			SMFB66HM10-485	20.44									
			SMFB66HM10-490	20.65									
			SMFB66HM10-495	20.86									
			SMFB66HM10-500	21.07									
ix	Mono c-Si PERC Module	SMF60HM10-440 (440Wp)	SMFB66HM10-505	21.28									
			SMF60HM10-420	19.37									
			SMF60HM10-425	19.61									
			SMF60HM10-430	19.83									
			SMF60HM10-435	20.06									
			SMF60HM10-440	20.29									
			SMF60HM10-445	20.51									
			SMF60HM10-450	20.75									
			SMF60HM10-455	20.98									
			SMF60HM10-460	21.21									
x	Mono c-Si PERC Module	SMFB60HM10-440 (440Wp)	SMF60HM10-460	21.21									
			SMFB60HM10-420	19.37									
			SMFB60HM10-425	19.61									
			SMFB60HM10-430	19.83									
			SMFB60HM10-435	20.06									
			SMFB60HM10-440	20.29									
			SMFB60HM10-445	20.51									
			SMFB60HM10-450	20.75									
			SMFB60HM10-455	20.98									
			SMFB60HM10-460	21.21									
							SMF54HM10-375	19.20					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxvi	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-475 20.02 SMB66HM10-480 20.24 SMB66HM10-485 20.65 SMB66HM10-490 20.86 SMB66HM10-495 21.07 SMB66HM10-500 21.28 SMB66HM10-455 19.16 SMB66HM10-460 19.37 SMB66HM10-465 19.59 SMB66HM10-470 19.80 SMB66HM10-475 20.02 SMB66HM10-480 20.24 SMB66HM10-485 20.44 SMB66HM10-490 20.65 SMB66HM10-495 20.86 SMB66HM10-500 21.07	20.02 20.24 20.65 20.86 21.07 21.28 19.16 19.37 19.59 19.80 20.02 20.24 20.44 20.65 20.86 21.07	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxvii	Bifacial Mono c-Si PERC Modules	SMB86HM10-465 (465Wp)	SMB86HM10-460 19.37 SMB86HM10-465 19.59 SMB86HM10-470 19.80 SMB86HM10-475 20.02 SMB86HM10-480 20.24 SMB86HM10-485 20.44 SMB86HM10-490 20.65 SMB86HM10-495 20.86 SMB86HM10-500 21.07	19.37 19.59 19.80 20.02 20.24 20.44 20.65 20.86 21.07	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxviii	Bifacial Mono c-Si PERC Modules	SMB86HM10-490 (490Wp)	SMB86HM10-480 20.24 SMB86HM10-485 20.44 SMB86HM10-490 20.65 SMB86HM10-495 20.86 SMB86HM10-500 21.07 SMB60HM10-415 19.13 SMB60HM10-420 19.37 SMB60HM10-425 19.61 SMB60HM10-430 19.83 SMB60HM10-435 20.06 SMB60HM10-440 20.29 SMB60HM10-445 20.51 SMB60HM10-450 20.75 SMB60HM10-455 20.98 SMB60HM10-415 19.13 SMB60HM10-420 19.37 SMB60HM10-425 19.61 SMB60HM10-430 19.83 SMB60HM10-435 20.06 SMB60HM10-440 20.29 SMB60HM10-445 20.51 SMB60HM10-450 20.75 SMB60HM10-455 20.98	20.24 20.44 20.65 20.86 21.07 19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98 19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxix	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	SMB60HM10-430 19.83 SMB60HM10-435 20.06 SMB60HM10-440 20.29 SMB60HM10-445 20.51 SMB60HM10-450 20.75 SMB60HM10-455 20.98 SMB60HM10-415 19.13 SMB60HM10-420 19.37 SMB60HM10-425 19.61 SMB60HM10-430 19.83 SMB60HM10-435 20.06 SMB60HM10-440 20.29 SMB60HM10-445 20.51 SMB60HM10-450 20.75 SMB60HM10-455 20.98	19.83 20.06 20.29 20.51 20.75 20.98 19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxx	Bifacial Mono c-Si PERC Modules	SMB86HM10-435 (435Wp)	SMB86HM10-430 19.83 SMB86HM10-435 20.06 SMB86HM10-440 20.29 SMB86HM10-445 20.51 SMB86HM10-450 20.75 SMB86HM10-455 20.98 SMB54HM10-375 19.2 SMB54HM10-380 19.46 SMB54HM10-385 19.73 SMB54HM10-390 19.98 SMB54HM10-395 20.23 SMB54HM10-400 20.49 SMB54HM10-405 20.73 SMB54HM10-410 21.00 SMB54HM10-375 19.20 SMB54HM10-380 19.46 SMB54HM10-385 19.73 SMB54HM10-390 19.98 SMB54HM10-395 20.23 SMB54HM10-400 20.49 SMB54HM10-405 20.73 SMB54HM10-410 21.00	19.83 20.06 20.29 20.51 20.75 20.98 19.2 19.46 19.73 19.98 20.23 20.49 20.73 21.00 19.20 19.46 19.73 19.98 20.23 20.49 20.73 21.00	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxi	Bifacial Mono c-Si PERC Modules	SMB54HM10-385 (385Wp)	SMB54HM10-380 19.46 SMB54HM10-385 19.73 SMB54HM10-390 19.98 SMB54HM10-395 20.23 SMB54HM10-400 20.49 SMB54HM10-405 20.73 SMB54HM10-410 21.00 SMB54HM10-375 19.20 SMB54HM10-380 19.46 SMB54HM10-385 19.73 SMB54HM10-390 19.98 SMB54HM10-395 20.23 SMB54HM10-400 20.49 SMB54HM10-405 20.73 SMB54HM10-410 21.00	19.46 19.73 19.98 20.23 20.49 20.73 21.00 19.20 19.46 19.73 19.98 20.23 20.49 20.73 21.00	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxii	Bifacial Mono c-Si PERC Modules	SMB54HM10-405 (405Wp)	SMB54HM10-400 20.49 SMB54HM10-405 20.73 SMB54HM10-410 21.00 SMB54HM10-375 19.20 SMB54HM10-380 19.46 SMB54HM10-385 19.73 SMB54HM10-390 19.98 SMB54HM10-395 20.23 SMB54HM10-400 20.49 SMB54HM10-405 20.73 SMB54HM10-410 21.00	20.49 20.73 21.00 19.20 19.46 19.73 19.98 20.23 20.49 20.73 21.00	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxiii	Bifacial Mono c-Si PERC Modules	SMB854HM10-385 (385Wp)	SMB854HM10-380 19.46 SMB854HM10-385 19.73 SMB854HM10-390 19.98 SMB854HM10-395 20.23 SMB854HM10-400 20.49 SMB854HM10-405 20.73 SMB854HM10-410 21.00 SMB854HM10-335 19.21 SMB854HM10-340 19.50 SMB854HM10-345 19.78 SMB854HM10-350 20.06 SMB854HM10-355 20.34 SMB854HM10-360 20.62 SMB854HM10-365 20.91 SMB854HM10-370 21.20 SMB854HM10-375 21.49 SMB854HM10-380 21.78 SMB854HM10-385 22.07 SMB854HM10-390 22.36 SMB854HM10-395 22.65 SMB854HM10-400 22.94 SMB854HM10-405 23.23 SMB854HM10-410 23.52	19.46 19.73 19.98 20.23 20.49 20.73 21.00 19.21 19.50 19.78 20.06 20.34 20.62 20.91 21.20 21.49 21.78 22.07 22.36 22.65 22.94 23.23 23.52	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxiv	Bifacial Mono c-Si PERC Modules	SMB854HM10-405 (405Wp)	SMB854HM10-400 20.49 SMB854HM10-405 20.73 SMB854HM10-410 21.00 SMB854HM10-335 19.21 SMB854HM10-340 19.50 SMB854HM10-345 19.78 SMB854HM10-350 20.06 SMB854HM10-355 20.34 SMB854HM10-360 20.62 SMB854HM10-365 20.91 SMB854HM10-370 21.20 SMB854HM10-375 21.49 SMB854HM10-380 21.78 SMB854HM10-385 22.07 SMB854HM10-390 22.36 SMB854HM10-395 22.65 SMB854HM10-400 22.94 SMB854HM10-405 23.23 SMB854HM10-410 23.52	20.49 20.73 21.00 19.21 19.50 19.78 20.06 20.34 20.62 20.91 21.20 21.49 21.78 22.07 22.36 22.65 22.94 23.23 23.52	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxv	Bifacial Mono c-Si PERC Modules	SMB48HM10-350 (350Wp)	SMB48HM10-345 19.78 SMB48HM10-350 20.06 SMB48HM10-355 20.34 SMB48HM10-360 20.62 SMB48HM10-365 20.91 SMB48HM10-335 19.21 SMB48HM10-340 19.50 SMB48HM10-345 19.78 SMB48HM10-350 20.06 SMB48HM10-355 20.34 SMB48HM10-360 20.62 SMB48HM10-365 20.91 SMB42HM10-295 19.21 SMB42HM10-300 19.54 SMB42HM10-305 19.88 SMB42HM10-310 20.20 SMB42HM10-315 20.50 SMB42HM10-320 20.80 SMB42HM10-295 19.21 SMB42HM10-300 19.54 SMB42HM10-305 19.88 SMB42HM10-310 20.20 SMB42HM10-315 20.50 SMB42HM10-320 20.80 SMB36HM10-255 19.25 SMB36HM10-260 19.63 SMB36HM10-265 19.66 SMB36HM10-270 20.36 SMB36HM10-275 20.73 SMB36HM10-255 19.25	19.78 20.06 20.34 20.62 20.91 19.21 19.50 19.78 20.06 20.34 20.62 20.91 19.21 19.54 19.88 20.20 20.50 20.80 19.21 19.54 19.88 20.20 20.50 20.80 19.25 19.63 19.66 20.36 20.73 19.25	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxvi	Bifacial Mono c-Si PERC Modules	SMB848HM10-350 (350Wp)	SMB848HM10-345 19.78 SMB848HM10-350 20.06 SMB848HM10-355 20.34 SMB848HM10-360 20.62 SMB848HM10-365 20.91 SMB848HM10-335 19.21 SMB848HM10-340 19.50 SMB848HM10-345 19.78 SMB848HM10-350 20.06 SMB848HM10-355 20.34 SMB848HM10-360 20.62 SMB848HM10-365 20.91 SMB842HM10-295 19.21 SMB842HM10-300 19.54 SMB842HM10-305 19.88 SMB842HM10-310 20.20 SMB842HM10-315 20.50 SMB842HM10-320 20.80 SMB842HM10-295 19.21 SMB842HM10-300 19.54 SMB842HM10-305 19.88 SMB842HM10-310 20.20 SMB842HM10-315 20.50 SMB842HM10-320 20.80 SMB36HM10-255 19.25 SMB36HM10-260 19.63 SMB36HM10-265 19.66 SMB36HM10-270 20.36 SMB36HM10-275 20.73 SMB36HM10-255 19.25	19.78 20.06 20.34 20.62 20.91 19.21 19.50 19.78 20.06 20.34 20.62 20.91 19.21 19.54 19.88 20.20 20.50 20.80 19.21 19.54 19.88 20.20 20.50 20.80 19.25 19.63 19.66 20.36 20.73 19.25	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxvii	Bifacial Mono c-Si PERC Modules	SMB42HM10-305 (305Wp)	SMB42HM10-300 19.54 SMB42HM10-305 19.88 SMB42HM10-310 20.20 SMB42HM10-315 20.50 SMB42HM10-320 20.80 SMB42HM10-295 19.21 SMB42HM10-300 19.54 SMB42HM10-305 19.88 SMB42HM10-310 20.20 SMB42HM10-315 20.50 SMB42HM10-320 20.80 SMB36HM10-255 19.25 SMB36HM10-260 19.63 SMB36HM10-265 19.66 SMB36HM10-270 20.36 SMB36HM10-275 20.73 SMB36HM10-255 19.25	19.54 19.88 20.20 20.50 20.80 19.21 19.54 19.88 20.20 20.50 20.80 19.25 19.63 19.66 20.36 20.73 19.25	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxviii	Bifacial Mono c-Si PERC Modules	SMB842HM10-305 (305Wp)	SMB842HM10-300 19.54 SMB842HM10-305 19.88 SMB842HM10-310 20.20 SMB842HM10-315 20.50 SMB842HM10-320 20.80 SMB842HM10-295 19.21 SMB842HM10-300 19.54 SMB842HM10-305 19.88 SMB842HM10-310 20.20 SMB842HM10-315 20.50 SMB842HM10-320 20.80 SMB36HM10-255 19.25 SMB36HM10-260 19.63 SMB36HM10-265 19.66 SMB36HM10-270 20.36 SMB36HM10-275 20.73 SMB36HM10-255 19.25	19.54 19.88 20.20 20.50 20.80 19.21 19.54 19.88 20.20 20.50 20.80 19.25 19.63 19.66 20.36 20.73 19.25	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxix	Bifacial Mono c-Si PERC Modules	SMB36HM10-265 (265Wp)	SMB36HM10-255 19.25 SMB36HM10-260 19.63 SMB36HM10-265 19.66 SMB36HM10-270 20.36 SMB36HM10-275 20.73 SMB36HM10-255 19.25	19.25 19.63 19.66 20.36 20.73 19.25	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xi	Bifacial Mono c-Si PERC Modules	SMBB36HM10-265 (265Wp)	SMBB36HM10-260	19.63	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								SMBB36HM10-265	19.99				
								SMBB36HM10-270	20.26				
								SMBB36HM10-275	20.73				
								JKM-SMF-530P-72HL4-V	20.52				
								JKM-SMF-535P-72HL4-V	20.71				
					xii	Mono c-Si PERC Module	JKM-SMF-540P-72HL4-V (540Wp)	JKM-SMF-540P-72HL4-V	20.91	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
								JKM-SMF-545P-72HL4-V	21.10				
								JKM-SMF-550P-72HL4-V	21.30				
								GS10-M144-WF-500	19.36				
								GS10-M144-WF-505	19.56				
								GS10-M144-WF-510	19.75				
72	M/s. Goldi Solar Pvt Limited	Block No:149, Plot No: J&K1, Beside IOC petrol Pump, National Highway No 8, Pipodara, Surat-394110, Gujarat	R-72001805	396	i	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	GS10-M144-WF-515	19.94	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								GS10-M144-WF-520	20.14				
								GS10-M144-WF-525	20.33				
								GS10-M144-WF-530	20.53				
								GS10-M144-WF-535	20.73				
								GS10-M144-WF-540	20.92				
								GS10-M144-WF-545	21.12				
								GS10-M144-WF-550	21.31				
								GS10-M132-WF-480	20.22				
								GS10-M132-WF-485	20.43				
								GS10-M132-WF-490	20.64				
								GS10-M132-WF-495	20.85				
73	M/s. Tata Power Solar Systems Ltd	Sy No. 43P and 44(P), Electronic City, 2nd Stage, Consisting Hosur Road, Bangalore-560100, Karnataka	R-62001090	499	i	Mono c-Si PERC Module	TP440HGZ(H), (440Wp)	TP455HGZ(H)	20.46	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP450HGZ(H)	20.23				
								TP445HGZ(H)	20.01				
								TP440HGZ(H)	19.78				
								TP435HGZ(H)	19.56				
								TP430HGZ(H)	19.34				
								TP425HGZ(H)	19.11				
								TP595LG10	21.36				
								TP590LG10	21.18				
								TP585LG10	21.00				
								TP580LG10	20.83				
								TP575LG10	20.65				
TP570LG10	20.47												
TP565LG10	20.29												
TP560LG10	20.11												
74	M/s. Surya International Enterprise Private Limited	Plot No. 54-E1-21, EMC Park, Infovally II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa	R-52000175	77	i	Mono PERC c-Si Modules	SIS65M10-156 (565)	TP555LG10	19.93	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP550HG10	21.34				
								TP545HG10	21.14				
								TP540HG10	20.95				
								TP543SHG10	20.76				
								TP530HG10	20.56				
								TP525HG10	20.37				
								TP520HG10	20.17				
								TP515HG10	19.98				
								TP510HG10	19.79				
								TP505HG10	19.59				
								TP500VG10	20.82				
TP495VG10	20.61												
TP490VG10	20.40												
TP485VG10	20.19												
TP480VG10	19.98												
TP475VG10	19.77												
TP470VG10	19.57												
TP465VG10	19.36												
TP460VG10	19.15												
TP455MG10	20.81												
TP450MG10	20.58												
TP445MG10	20.35												
TP440MG10	20.12												
TP435MG10	19.89												
TP430MG10	19.66												
TP425MG10	19.43												
TP420MG10	19.21												
TP410SG10	20.72												
TP405SG10	20.47												
TP400SG10	20.21												
TP395SG10	19.96												
TP390SG10	19.71												
TP385SG10	19.46												
SIS85M10-156	20.93												
SIS80M10-156	20.75												
SIS75M10-156	20.57												
SIS70M10-156	20.39												
SIS65M10-156	20.21												
SIS60M10-156	20.03												
SIS55M10-156	19.85												
SIS50M10-156	19.68												
SIS45M10-156	19.5												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be de-listed)
					ii	Mono PERC c-Si Modules	SI525M10-144 (525)	SI540M10-156	19.32	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI550M10-144	21.27				
								SI545M10-144	21.08				
								SI540M10-144	20.89				
								SI535M10-144	20.69				
								SI530M10-144	20.5				
								SI525M10-144	20.31				
								SI520M10-144	20.11				
								SI515M10-144	19.92				
								SI510M10-144	19.73				
								SI505M10-144	19.53				
								SI500M10-144	19.34				
								SI495M10-132	20.84				
								SI490M10-132	20.63				
					iii	Mono PERC c-Si Modules	SI475M10-132 (475)	SI485M10-132	20.41	132 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI480M10-132	20.2				
								SI475M10-132	19.99				
								SI470M10-132	19.78				
								SI465M10-132	19.57				
								SI460M10-132	19.36				
								SI455M10-132	19.15				
								SI450M10-120	20.78				
								SI445M10-120	20.55				
								SI440M10-120	20.31				
								SI435M10-120	20.08				
								SI430M10-120	19.85				
								SI425M10-120	19.62				
								SI420M10-120	19.39				
					iv	Mono PERC C-Si Modules	SI430M10-120 (430)	SI415M10-120	19.16	120 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								SI405M10-108	20.69				
								SI400M10-108	20.44				
								SI395M10-108	20.18				
								SI390M10-108	19.93				
								SI385M10-108	19.67				
								SI380M10-108	19.41				
								SI375M10-108	19.16				
								SI365M10-96	20.87				
								SI360M10-96	20.59				
								SI355M10-96	20.3				
								SI350M10-96	20.02				
								SI340M10-96	19.44				
								SI335M10-96	19.16				
v	Mono PERC C-Si Modules	SI390M10-108 (390)	SI320M10-84	20.78	108 (Half Cut Cell)	1500	16.11.2023	15.11.2027					
			SI315M10-84	20.45									
			SI310M10-84	20.13									
			SI305M10-84	19.8									
			SI300M10-84	19.48									
			SI295M10-84	19.15									
			SI270M10-72	20.38									
			SI265M10-72	20.01									
			SI260M10-72	19.63									
			SI255M10-72	19.25									
			SI240M10-64	19.99									
			SI235M10-64	19.61									
			SI230M10-64	19.24									
			ISSM10-500-144	19.92									
75	M/s Inter Solar Systems Private Limited	Village Sundran, Derabassi, P.O – Mubarkpur, District Sas Nagar, Mohali-140507, Punjab	R-97001139	49	i	Mono c-Si PERC Module	ISSM10-525-144 (525Wp)	ISSM10-505-144	20.12	144 (Half Cut Cells)	1500	16.11.2023	15.11.2027
								ISSM10-510-144	20.23				
								ISSM10-515-144	20.28				
								ISSM10-520-144	20.38				
								ISSM10-525-144	20.47				
								ISSM10-530-144	20.51				
								ISSM10-535-144	20.59				
								ISSM10-540-144	20.67				
								ISSM10-545-144	20.71				
								ISSM10-550-144	20.83				
								RPS2MH72MB515	19.93				
								RPS2MH72MB520	20.13				
								RPS2MH72MB525	20.32				
								RPS2MH72MB530	20.52				
76	M/s. ReNew Photovoltaics Private Limited	Plot No-DTA-02-40 to 45, Domestic Tariff Area Phase-II, Mahindra World City, Tehsil-Sanganer, Jaipur-302037, Rajasthan	R-84003778	2842	i	Mono PERC C-Si Modules	RPS2MH72MB530 (530Wp)	RPS2MH72MB535	20.71	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72MB540	20.9				
								RPS2MH72MB545	21.1				
								RPS2MH72MB550	21.29				
								RPS2MH72B0515	19.93				
								RPS2MH72B0520	20.13				
								RPS2MH72B0525	20.32				
								RPS2MH72B0530	20.52				
								RPS2MH72B0535	20.71				
								RPS2MH72B0540	20.9				
								RPS2MH72B0545	21.1				
								RPS2MH72B0550	21.29				
								AS-555-HM156	19.88				
								AS-560-HM156	20.05				
77	M/s Abhishek Solar Industries Private Limited	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi,	R-58000140	142				RPS2MH72B0550	21.29	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72B0550	21.29				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
Unit II	Jharkhand - 835217, India				i	Mono c-Si PERC Module	AS-575-HM156 (575 Wp)	AS-565-HM156	20.22	156 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-570-HM156	20.40				
								AS-575-HM156	20.59				
								AS-580-HM156	20.78				
								AS-585-HM156	20.96				
								AS-590-HM156	21.13				
								AS-595-HM156	21.30				
								AS-500-HM144	19.36				
								AS-505-HM144	19.54				
								AS-510-HM144	19.75				
					AS-515-HM144	19.94							
					ii	Mono c-Si PERC Module	AS-525-HM144 (525 Wp)	AS-520-HM144	20.13	144 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-525-HM144	20.32				
								AS-530-HM144	20.52				
								AS-535-HM144	20.70				
								AS-540-HM144	20.92				
								AS-545-HM144	21.11				
								AS-550-HM144	21.31				
								AS-455-HM132	19.18				
								AS-460-HM132	19.37				
								AS-465-HM132	19.60				
					iii	Mono c-Si PERC Module	AS-475-HM132 (475 Wp)	AS-470-HM132	19.80	132 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-475-HM132	20.01				
								AS-480-HM132	20.23				
								AS-485-HM132	20.44				
								AS-490-HM132	20.64				
								AS-495-HM132	20.85				
								AS-375-HM108	19.21				
								AS-380-HM108	19.47				
								AS-385-HM108	19.73				
								AS-390-HM108	19.99				
					iv	Mono c-Si PERC Module	AS-385-HM108 (385 Wp)	AS-395-HM108	20.27	108 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-400-HM108	20.47				
								AS-415-HM120	19.20				
								AS-420-HM120	19.42				
								AS-425-HM120	19.64				
								AS-430-HM120	19.87				
								AS-435-HM120	20.11				
								AS-440-HM120	20.33				
								AS-445-HM120	20.56				
								AS-450-HM120	20.79				
					v	Mono c-Si PERC Module	AS-430-HM120 (430Wp)	ISEN560	20.03	120 Half Cut Cells	1500	24.01.2024	23.01.2028
								ISEN565	20.21				
								ISEN570	20.39				
								ISEN575	20.57				
								ISEN580	20.75				
								ISEN585	20.93				
								ISEN590	21.11				
								ISEN520	20.12				
								ISEN525	20.32				
ISEN530	20.52												
ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN535	20.71	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN540	20.9									
			ISEN545	21.1									
			ISEN550	21.3									
			ISEN555	21.48									
			ISEN500	21.05									
			ISEN510	21.47									
			ISEN420	19.41									
			ISEN425	19.64									
			ISEN430	19.87									
iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN435	20.1	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN440	20.34									
			ISEN445	20.57									
			ISEN450	20.8									
			ISEN455	21.03									
			ISEN460	21.26									
			ISEN380	19.46									
			ISEN385	19.72									
			ISEN390	19.97									
			ISEN395	20.23									
v	Mono c-Si PERC Module	ISEN395 (395 Wp)	ISEN400	20.48	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN405	20.74									
			ISEN410	21									
			W5MD-520	20.2									
			W5MD-525	20.39									
			W5MD-530	20.58									
			W5MD-535	20.78									
			W5MD-540	20.97									
			W5MD-545	21.17									
			W5MD-550	21.36									
78	M/s. Icon Solar En Power Technologies Private Limited	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur. 492001, Chhattisgarh, India	R-59000140	186	i	Mono c-Si PERC Module	ISEN575 (575 Wp)	ISEN560	20.03	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN565	20.21				
								ISEN570	20.39				
ISEN575	20.57												
ISEN580	20.75												
ISEN585	20.93												
ISEN590	21.11												
ISEN520	20.12												
ISEN525	20.32												
ISEN530	20.52												
ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN535	20.71	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN540	20.9									
			ISEN545	21.1									
			ISEN550	21.3									
			ISEN555	21.48									
			ISEN500	21.05									
			ISEN510	21.47									
			ISEN420	19.41									
			ISEN425	19.64									
			ISEN430	19.87									
iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN435	20.1	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN440	20.34									
			ISEN445	20.57									
			ISEN450	20.8									
			ISEN455	21.03									
			ISEN460	21.26									
			ISEN380	19.46									
			ISEN385	19.72									
			ISEN390	19.97									
			ISEN395	20.23									
v	Mono c-Si PERC Module	ISEN395 (395 Wp)	ISEN400	20.48	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			ISEN405	20.74									
			ISEN410	21									
			W5MD-520	20.2									
			W5MD-525	20.39									
			W5MD-530	20.58									
			W5MD-535	20.78									
			W5MD-540	20.97									
			W5MD-545	21.17									
			W5MD-550	21.36									
79	M/s. Waaree Energies Limited	Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluka Umbergaon, District Valsad, Gujarat 396105	R-72003085	1156	i	Mono c-Si PERC Module	W5MD-540 (540Wp)	Bi-55-520	20.2	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-525	20.39				
								Bi-55-530	20.58				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Module	Bi-55-540 (540Wp)	Bi-55-535	20.78	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-540	20.97				
								Bi-55-545	21.17				
								Bi-55-550	21.36				
								WSMT-560	21.75				
								WSMT-565	21.94				
					iii	N TOPCon Module	WSMT-570 (580Wp)	WSMT-570	22.14	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMT-575	22.33				
								WSMT-580	22.53				
								WSMT-605	21.74				
								WSMT-610	21.92				
								WSMT-615	22.1				
					iv	N TOPCon Module	WSMT-615 (625Wp)	WSMT-620	22.28	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMT-625	22.46				
								BIN-17-605	21.64				
								BIN-17-610	21.82				
								BIN-17-615	22				
								BIN-17-625	22.35				
					v	N TOPCon Module(Bifacial)	BIN-17-615 (615Wp)	BIN-08-560	21.67	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								BIN-08-565	21.87				
								BIN-08-570	22.06				
								BIN-08-575	22.25				
								BIN-08-580	22.45				
								BIN-08-580	22.45				
vi	N TOPCon Module(Bifacial)	BIN-08-570 (570Wp)	WSMD-420	19.32	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			WSMD-425	19.55									
			WSMD-430	19.78									
			WSMD-435	20.01									
			WSMD-440	20.24									
			WSMD-445	20.47									
80	M/s. Waaree Energies Limited	Survey No 38/1,Tumb Village,Tumb,Umbergaon,Valsad,Gujarat-396150	R-72002038	1095	i	Mono c-Si PERC Module	WSMD-440 (450Wp)	WSMD-450	20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-520	20.2				
								WSMD-525	20.39				
								WSMD-530	20.58				
								WSMD-535	20.78				
								WSMD-540	20.97				
					ii	Mono c-Si PERC Module	WSMD-540 (550Wp)	WSMD-545	21.17	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								WSMD-550	21.36				
								Bi-31-420	19.32				
								Bi-31-425	19.55				
								Bi-31-430	19.78				
								Bi-31-435	20.01				
					iii	Mono c-Si PERC Bifacial Module	Bi-31-440(450Wp)	Bi-31-445	20.24	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-31-445	20.47				
								Bi-31-450	20.7				
								Bi-55-520	20.2				
								Bi-55-525	20.39				
								Bi-55-530	20.58				
					iv	Bifacial Mono c-Si PERC Module	Bi-55-540(550Wp)	Bi-55-535	20.78	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								Bi-55-540	20.97				
								Bi-55-545	21.17				
								Bi-55-550	21.36				
								WSMDi-395	19.79				
								WSMDi-400	20.03				
v	Mono c-Si PERC Module	WSMDi-400 (415Wp)	WSMDi-405	20.28	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028					
			WSMDi-410	20.53									
			WSMDi-415	20.78									
			ASM-M10-144-500	19.47									
			ASM-M10-144-501	19.51									
			ASM-M10-144-502	19.55									
81	M/s. Mundra Solar PV Limited	Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd, Electronic manufacturing Cluster EMC, Village Vandh & Tunda, mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh - - 370435, Gujarat	R-72008532	1942	i	Mono c-Si PERC Modules	ASM-M10-144-523 (523Wp)	ASM-M10-144-503	19.59	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ASM-M10-144-504	19.63				
								ASM-M10-144-505	19.67				
								ASM-M10-144-506	19.7				
								ASM-M10-144-507	19.74				
								ASM-M10-144-508	19.78				
								ASM-M10-144-509	19.82				
								ASM-M10-144-510	19.86				
								ASM-M10-144-511	19.9				
								ASM-M10-144-512	19.94				
								ASM-M10-144-513	19.98				
								ASM-M10-144-514	20.02				
								ASM-M10-144-515	20.05				
								ASM-M10-144-516	20.09				
								ASM-M10-144-517	20.13				
								ASM-M10-144-518	20.17				
								ASM-M10-144-519	20.21				
								ASM-M10-144-520	20.25				
								ASM-M10-144-521	20.29				
								ASM-M10-144-522	20.33				
								ASM-M10-144-523	20.37				
								ASM-M10-144-524	20.41				
								ASM-M10-144-525	20.44				
								ASM-M10-144-526	20.48				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								ASM-M10-144-527	20.52				
								ASM-M10-144-528	20.56				
								ASM-M10-144-529	20.6				
								ASM-M10-144-530	20.64				
								ASM-M10-144-531	20.68				
								ASM-M10-144-532	20.72				
								ASM-M10-144-533	20.76				
								ASM-M10-144-534	20.8				
								ASM-M10-144-535	20.83				
								ASM-M10-144-536	20.87				
								ASM-M10-144-537	20.91				
								ASM-M10-144-538	20.95				
								ASM-M10-144-539	20.99				
								ASM-M10-144-540	21.03				
								ASM-M10-144-541	21.07				
								ASM-M10-144-542	21.11				
								ASM-M10-144-543	21.15				
								ASM-M10-144-544	21.18				
								ASM-M10-144-545	21.22				
								ASM-M10-144-520	20.25				
								ASB-M10-144-521	20.29				
								ASB-M10-144-522	20.33				
								ASB-M10-144-523	20.37				
								ASB-M10-144-524	20.41				
								ASB-M10-144-525	20.44				
								ASB-M10-144-526	20.48				
								ASB-M10-144-527	20.52				
								ASB-M10-144-528	20.56				
					ASB-M10-144-529	20.6							
					ASB-M10-144-530	20.64							
					ASB-M10-144-531	20.68							
					ASB-M10-144-532	20.72							
					ASB-M10-144-533	20.76							
					ASB-M10-144-534	20.8							
					ASB-M10-144-535	20.83							
					ASB-M10-144-536	20.87							
					ASB-M10-144-537	20.91							
					ASB-M10-144-538	20.95							
					ASB-M10-144-539	20.99							
					ASB-M10-144-540	21.03							
					ASB-M10-144-541	21.07							
					ASB-M10-144-542	21.11							
					ASB-M10-144-543	21.15							
					ASB-M10-144-544	21.18							
					ASB-M10-144-545	21.22							
					ASB-M10-144-546	21.26							
					ASB-M10-144-547	21.3							
					ASB-M10-144-548	21.34							
					ASB-M10-144-549	21.38							
					ASB-M10-144-550	21.42							
					ASB-M10-144-551	21.46							
					ASB-M10-144-552	21.5							
ASB-M10-144-553	21.54												
ASB-M10-144-554	21.57												
ASB-M10-144-555	21.61												
ASB-M10-144-556	21.65												
ASB-M10-144-557	21.69												
ASB-M10-144-558	21.73												
ASB-M10-144-559	21.77												
ASB-M10-144-560	21.81												
ASB-M10-144-561	21.85												
ASB-M10-144-562	21.89												
ASB-M10-144-563	21.92												
ASB-M10-144-564	21.96												
ASB-M10-144-565	22												
ASB-M10-144-566	22.04												
ASB-M10-144-567	22.08												
ASB-M10-144-568	22.12												
ASB-M10-144-569	22.16												
ASB-M10-144-570	22.2												
ASB-M10-144-571	22.24												
ASB-M10-144-572	22.28												
ASB-M10-144-573	22.31												
ASB-M10-144-574	22.35												
ASB-M10-144-575	22.39												
	M/s. Vikram Solar Ltd.	Special Economic Zone (SEZ), Sector 2,Falta, 24 Parganas (South) - 743504, West Bengal	R-51000566	1325	i	Mono c-Si PERC Module	SOMERA VSMH.72.545.05 (545 Wp)	SOMERA VSMH.72.550.05	21.33	144 (Half cut Cells)	1500	24.02.2024	23.02.2028
					ii	Mono c-Si PERC Module	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.455.05	21.05				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Bifacial Mono c-Si PERC Module	PARADEA VSM DH.72.545.05 (545 Wp)	PARADEA VSM DH.72.550.05 21.33 PARADEA VSM DH.72.545.05 21.13 PARADEA VSM DH.72.540.05 20.94 PARADEA VSM DH.72.535.05 20.75 SOMERA VSM H.72.450.05 20.23 SOMERA VSM H.72.445.05 20.01 SOMERA VSM H.72.440.05 19.79	21.33	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Mono c-Si PERC Module	SOMERA VSM H.72.445.05 (445 Wp)			144 (Half Cut cells)	1500	24.02.2024	23.02.2028
83	M/s. TP Solar Limited	Plot No. A 109, Near Elcot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu- 627352	R-61004146	2525	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP575LG10B (575Wp)	TP55LG10B	19.93	156(Half Cut Cells)	1500	22.03.2024	21.03.2028
								TP560LG10B	20.11				
								TP565LG10B	20.29				
								TP570LG10B	20.47				
								TP575LG10B	20.65				
								TP580LG10B	20.83				
								TP585LG10B	21.00				
								TP590LG10B	21.18				
								TP595LG10B	21.36				
								TP600LG10B	21.54				
								TP500HG10B	19.40				
								TP505HG10B	19.59				
					TP510HG10B	19.79							
					TP515HG10B	19.98							
					TP520HG10B	20.17							
					TP525HG10B	20.37							
					TP530HG10B	20.56							
					TP535HG10B	20.76							
					TP540HG10B	20.95							
					TP545HG10B	21.14							
					TP550HG10B	21.34							
					TP555HG10B	21.53							
					TP460VG10B	19.19							
					TP465VG10B	19.47							
					TP470VG10B	19.61							
					TP475VG10B	19.81							
					TP480VG10B	20.02							
					TP485VG10B	20.23							
					TP490VG10B	20.44							
					TP495VG10B	20.65							
					TP500VG10B	20.86							
					TP505VG10B	21.07							
					TP420MG10B	19.21							
					TP425MG10B	19.44							
					TP430MG10B	19.66							
					TP435MG10B	19.89							
					TP440MG10B	20.12							
					TP445MG10B	20.35							
					TP450MG10B	20.58							
					TP455MG10B	20.81							
					TP460MG10B	21.03							
					TP465MG10B	21.26							
TP555LG10TB	19.93												
TP560LG10TB	20.11												
TP565LG10TB	20.29												
TP570LG10TB	20.47												
TP575LG10TB	20.65												
TP580LG10TB	20.83												
TP585LG10TB	21.00												
TP590LG10TB	21.18												
TP595LG10TB	21.36												
TP600LG10TB	21.54												
TP500HG10TB	19.40												
TP505HG10TB	19.59												
TP510HG10TB	19.79												
TP515HG10TB	19.98												
TP520HG10TB	20.17												
TP525HG10TB	20.37												
TP530HG10TB	20.56												
TP535HG10TB	20.76												
TP540HG10TB	20.95												
TP545HG10TB	21.14												
TP550HG10TB	21.34												
TP555HG10TB	21.53												
TP460VG10TB	19.19												
TP465VG10TB	19.47												
TP470VG10TB	19.61												
TP475VG10TB	19.81												
TP480VG10TB	20.02												
TP485VG10TB	20.23												
TP490VG10TB	20.44												
TP495VG10TB	20.65												
TP500VG10TB	20.86												
TP505VG10TB	21.07												
TP420MG10TB	19.21												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP425MG10TB	19.44	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
				TP430MG10TB				19.66					
				TP435MG10TB				19.89					
				TP440MG10TB				20.12					
				TP445MG10TB				20.35					
				TP450MG10TB				20.58					
				xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP460MG10TB (460 Wp)	TP455MG10TB	20.81	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028	
							TP460MG10TB	21.03					
							TP465MG10TB	21.26					

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: 24th January, 2024

To,

M/s. Gautam Solar Private Limited
Plot No: 67-70, Sec-8A, II E,
Sidcul, Haridwar-249403
Uttarakhand, India
Email id: gautamsolar@gmail.com

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

Sir,

This is in reference to the application received from M/s. **Gautam Solar 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 Gautam Solar Private Limited, Plot No: 67-70, Sec-8A, II E, Sidcul, Haridwar-249403, Uttarakhand, India in respect of 02 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 / PPS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Gautam Solar Private Limited
Plant Address	Plot No: 67-70, Sec-8A, II E, Sidcul, Haridwar-249403, Uttarakhand, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	319 MW/Year
Applied Capacity	400 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R.No.	No. of Cells in Module	System Voltage in Volt	Remarks
1.	Mono c-Si Module	G2X575-HAD (575Wp) G2X551-HAD (551Wp) G2X590-HAD (590Wp)	G2X590-HAD	22.84	R-83006041	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			G2X1767-UHAD	22.80				
			G2X588-HAD	22.76				
			G2X587-HAD	22.72				
			G2X1758T-UHAD	22.68				
			G2X585-HAD	22.65				
			G2X1752-UHAD	22.61				
			G2X583-HAD	22.57				
			G2X582-HAD	22.53				
			G2X1743T-UHAD	22.49				
			G2X580-HAD	22.45				
			G2X1737-UHAD	22.41				
			G2X578-HAD	22.37				
			G2X577-HAD	22.34				

G2X1728T-UHAD	22.30
G2X575-HAD	22.26
G2X1722-UHAD	22.22
G2X573-HAD	22.18
G2X572-HAD	22.14
G2X1713T-UHAD	22.10
G2X570-HAD	22.07
G2X1707-UHAD	22.03
G2X568-HAD	21.99
G2X567-HAD	21.95
G2X1698T-UHAD	21.91
G2X565-HAD	21.87
G2X1692-UHAD	21.83
G2X563-HAD	21.79
G2X562-HAD	21.76
G2X1683T-UHAD	21.72
G2X560-HAD	21.68
G2X1677-UHAD	21.64
G2X558-HAD	21.60
G2X557-HAD	21.56
G2X1668T-UHAD	21.52
G2X555-HAD	21.48
G2X1662-UHAD	21.45
G2X553-HAD	21.41
G2X552-HAD	21.37
G2X1653T-UHAD	21.33

20

2	Mono c-Si Module	G2X480- HAA (480Wp) (461Wp- 500Wp)	G2X500- HAA	22.93	120 (Half Cut Cells)	1500	Provisionally Enlisted in ALMM
			G2X1497- UHAA	22.88			
			G2X498- HAA	22.84			
			G2X497- HAA	22.79			
			G2X1488T- UHAA	22.75			
			G2X495- HAA	22.70			
			G2X1482- UHAA	22.65			
			G2X493- HAA	22.61			
			G2X492- HAA	22.56			
			G2X1473T- UHAA	22.52			
			G2X490- HAA	22.47			
			G2X1467- UHAA	22.42			
			G2X488- HAA	22.38			
			G2X487- HAA	22.33			
			G2X1458T- UHAA	22.29			
			G2X485- HAA	22.24			
			G2X1452- UHAA	22.19			
			G2X483- HAA	22.15			
			G2X482- HAA	22.10			
			G2X1443T- UHAA	22.06			
			G2X480- HAA	22.01			
			G2X1437- UHAA	21.97			
			G2X478- HAA	21.92			
			G2X477- HAA	21.87			
			G2X1428T- UHAA	21.83			
			G2X475- HAA	21.78			

		G2X1422-UHAA	21.74			
		G2X473-HAA	21.69			
		G2X472-HAA	21.64			
		G2X1413T-UHAA	21.60			
		G2X470-HAA	21.55			
		G2X1407-UHAA	21.51			
		G2X468-HAA	21.46			
		G2X467-HAA	21.42			
		G2X1398T-UHAA	21.37			
		G2X465-HAA	21.32			
		G2X1392-UHAA	21.28			
		G2X463-HAA	21.23			
		G2X462-HAA	21.19			
		G2X1383T-UHAA	21.14			

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

Atal Akshay Urja Bhawan,
Lodhi Road, New Delhi - 110003
Dated: 24th January, 2024

To,

M/s. Agrawal Renewable Energy Private Limited
Plot No: 66/0, DHOOP Building, Volvoi Road,
Curti, Ponda, South Goa, Ponda-403401
Goa, India
Email id: py@agrawalgroupgoa.com

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Agrawal Renewable Energy Private Limited - reg.

Sir,

This is in reference to the application received from M/s. Agrawal Renewable Energy 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 Agrawal Renewable Energy Private Limited, Plot No: 66/0, DHOOP Building, Volvoi Road, Curti, Ponda, South Goa, Ponda-403401, Goa, India in respect of 22 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 / PPS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Agrawal Renewable Energy Private Limited
Plant Address	Plot No: 66/0, DHOOP Building, Volvoi Road, Curti, Ponda, South Goa, Ponda-403401, Goa, India.
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	60 MW/Year
Applied Capacity	160 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volt	Remarks
1	Bifacial Mono c-Si PERC	DHF-72HG-520	DHF-72HG-495	19.11	R-71013536	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-72HG-500	19.30				
			DHF-72HG-505	19.50				
			DHF-72HG-510	19.69				
			DHF-72HG-515	19.88				
			DHF-72HG-520	20.08				
			DHF-72HG-525	20.27				
			DHF-72HG-530	20.46				
			DHF-72HG-535	20.66				
			2	Bifacial Mono c-Si PERC				
DHF-72HG-545	21.04							
DHF-72HG-550	21.24							
		DHF-66HG-470	DHF-66HG-455	19.12		132 Half Cut Cells	1500	



3	Bifacial Mono c-Si PERC		DHF-66HG-460	19.33			Provisionally Enlisted in ALMM
			DHF-66HG-465	19.54			
			DHF-66HG-470	19.75			
			DHF-66HG-475	19.96			
			DHF-66HG-480	20.17			
			DHF-66HG-485	20.38			
4	Bifacial Mono c-Si PERC	DHF-66HG-495	DHF-66HG-490	20.59	132 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-66HG-495	20.80			
			DHF-66HG-500	21.01			
			DHF-66HG-505	21.22			
5	Bifacial Mono c-Si PERC	DHF-60HG-425	DHF-60HG-410	20.91	120 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-60HG-415	21.17			
			DHF-60HG-420	21.42			
			DHF-60HG-425	21.68			
			DHF-60HG-430	21.93			
			DHF-60HG-435	22.19			
6	Bifacial Mono c-Si PERC	DHF-60HG-450	DHF-60HG-440	22.44	120 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-60HG-445	22.70			
			DHF-60HG-450	22.95			
			DHF-60HG-455	23.21			
7	Bifacial Mono c-Si PERC	DHF-54HG-380	DHF-54HG-375	19.13	108 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-54HG-380	19.38			
			DHF-54HG-385	19.64			
			DHF-54HG-390	19.89			
			DHF-54HG-395	20.15			
			DHF-54HG-400	20.40			
					108 Half Cut Cells	1500	

8	Bifacial Mono c-Si PERC	DHF-54HG-405	DHF-54HG-405	20.66			Provisionally Enlisted in ALMM
			DHF-54HG-410	20.91			
9	Bifacial Mono c-Si PERC	DHF-60HG-575	DHF-60HG-600	20.75	120 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-60HG-595	20.58			
			DHF-60HG-590	20.40			
			DHF-60HG-585	20.23			
			DHF-60HG-580	20.06			
			DHF-60HG-575	19.88			
			DHF-60HG-570	19.71			
			DHF-60HG-565	19.54			
			DHF-60HG-560	19.37			
			DHF-60HG-555	19.19			
DHF-60HG-550	19.20						
10	Bifacial Mono c-Si PERC	DHF-54HG-515	DHF-54HG-540	20.78	108 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-54HG-535	20.58			
			DHF-54HG-530	20.39			
			DHF-54HG-525	20.20			
			DHF-54HG-520	20.01			
			DHF-54HG-515	19.81			
			DHF-54HG-510	19.62			
			DHF-54HG-505	19.43			
			DHF-54HG-500	19.24			
			DHF-54HG-495	19.05			
11	Bifacial Mono c-Si PERC	DHF-48HG-460	DHF-48HG-480	20.69	96 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-48HG-475	20.48			
			DHF-48HG-470	20.26			

			DHF-48HG-465	20.05			
			DHF-48HG-460	19.83			
			DHF-48HG-455	19.62			
			DHF-48HG-450	19.40			
			DHF-48HG-445	19.18			
12	Mono c-Si PERC	DHF-72H-525	DHF-72H-550	21.24	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-72H-545	21.04			
			DHF-72H-540	20.85			
			DHF-72H-535	20.66			
			DHF-72H-530	20.46			
			DHF-72H-525	20.27			
			DHF-72H-520	20.08			
			DHF-72H-515	19.88			
			DHF-72H-510	19.69			
			DHF-72H-505	19.50			
13	Mono c-Si PERC	DHF-72H-500	DHF-72H-500	19.30	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-72H-495	19.11			
14	Mono c-Si PERC	DHF-66H-490	DHF-66H-505	21.22	132 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-66H-500	21.01			
			DHF-66H-495	20.80			
			DHF-66H-490	20.59			
			DHF-66H-485	20.38			
			DHF-66H-480	20.17			
			DHF-66H-475	19.96			
			DHF-66H-470	19.75			
15	Mono c-Si PERC	DHF-66H-460	DHF-66H-465	19.54	132 Half Cut Cells	1500	

			DHF-66H-460	19.33			Provisionally Enlisted in ALMM
			DHF-66H-455	19.12			
16	Mono c-Si PERC	DHF-60H-435	DHF-60H-455	23.21	120 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-60H-450	22.95			
			DHF-60H-445	22.70			
			DHF-60H-440	22.44			
			DHF-60H-435	22.19			
			DHF-60H-430	21.93			
			DHF-60H-425	21.68			
17	Mono c-Si PERC	DHF-60H-415	DHF-60H-415	21.17	120 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-60H-410	21.91			
18	Mono c-Si PERC	DHF-54H-400	DHF-54H-410	20.91	108 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-54H-405	20.66			
			DHF-54H-400	20.40			
			DHF-54H-395	20.15			
			DHF-54H-390	19.89			
			DHF-54H-385	19.64			
19	Mono c-Si PERC	DHF-54H-380	DHF-54H-375	19.13	108 Half Cut Cells	1500	Provisionally Enlisted in ALMM
20	Mono c-Si PERC	DHF-60H-575	DHF-60H-600	20.76	120 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-60H-595	20.58			
			DHF-60H-590	20.40			
			DHF-60H-585	20.23			
			DHF-60H-580	20.06			
			DHF-60H-575	19.88			

			DHF-60H-570	19.71			
			DHF-60H-565	19.54			
			DHF-60H-560	19.37			
			DHF-60H-555	19.19			
			DHF-60H-550	19.02			
21	Mono c-Si PERC	DHF-54H-515	DHF-54H-540	20.78	108 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-54H-535	20.58			
			DHF-54H-530	20.39			
			DHF-54H-525	20.20			
			DHF-54H-520	20.01			
			DHF-54H-515	19.81			
			DHF-54H-510	19.62			
			DHF-54H-505	19.43			
			DHF-54H-500	19.24			
			DHF-54H-495	19.05			
22	Mono c-Si PERC	DHF-48H-460	DHF-48H-480	20.69	96 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			DHF-48H-475	20.48			
			DHF-48H-470	20.26			
			DHF-48H-465	20.05			
			DHF-48H-460	19.83			
			DHF-48H-455	19.62			
			DHF-48H-450	19.40			
			DHF-48H-445	19.18			



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: 24th January, 2024

To,

M/s. Sahaj Solar Limited,
Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park,
Village Rajoda, Sarkhej-Bavla Road, NH 88,
Ahmedabad, Gujarat-382220, India.
Email id: hshah@sahajsolar.com

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

Sir,

This is in reference to the application received from M/s. Sahaj Solar 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 Sahaj Solar Limited, Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park, Village Rajoda, Sarkhej-Bavla Road, NH 88, Ahmedabad, Gujarat-382220, India in respect of 03 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 / PPS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s Sahaj Solar Limited
Plant Address	Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park, Village- Rajoda, Sarkhej-Bavla Road, NH 88, Ahmedabad, Gujarat-382220, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	100 MW/Year
Applied Capacity	100 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volt	Remarks
1.	Mono PERC c-Si Module	SS-535 (535 Wp)	SS-520	20.12%	R-72005630	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			SS-525	20.31%				
			SS-530	20.51%				
			SS-535	20.70%				
			SS-540	20.89%				
			SS-545	21.09%				
			SS-550	21.28%				
2	Mono PERC c-Si Module	SS-132C495 (495 Wp)	SS-132C480	20.22%				
			SS-132C485	20.43%				
			SS-132C490	20.64%				
			SS-132C495	20.86%				
			SS-132C500	21.07%				
			SS-132C505	21.27%				
			SS-132C510	21.49%				
3	Mono PERC c-Si Module	SS-120C445 (445 Wp)	SS-120C440	20.34%		120 Half Cut Cells	1500	
			SS-120C445	20.57%				
			SS-120C450	20.79%				
			SS-120C455	21.02%				

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: 24th February, 2024

To,

M/s. Sri Savitr Solar Private Limited
Plot No. 34/1, Survey No. 374,
C.I.E, Phase 2 Gandhinagar, Quthbulapur,
Ranga Reddy, Telangana-500037, India.
Email id: avramesh@srisavitr solar.com

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Sri Savitr Solar Private Limited – reg.

Sir,

This is in reference to the application received from **M/s. Sri Savitr Solar 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 Sri Savitr Solar Private Limited, Plot No. 34/1, Survey No. 374, C.I.E, Phase 2 Gandhinagar, Quthbulapur, Telangana-500037, India, in respect of 08 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 / PPS to JS (DDJ)

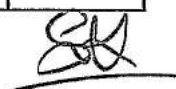
Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s Sri Savitr Solar Private Limited
Plant Address	Plot No. 34/1, Survey No. 374, C.I.E., Phase 2, Gandhinagar, Quthbulapur, Ranga Reddy, Telangana-500037, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	68 MW/Year
Applied Capacity	68 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	Mono PERC c-Si Module	SSSPL-72TP-265 (265 Wp)	SSSPL-72TP-255	19.20%	Registration No.: R- 63000922	72 (Half Cut Cells)	1500	Provisional Enlistment	
			SSSPL-72TP-260	19.58%					
			SSSPL-72TP-265	19.96%					
			SSSPL-72TP-270	20.33%					
			SSSPL-72TP-275	20.71%					
2	Mono PERC c-Si Module	SSSPL-72TP-265 (280 Wp)	SSSPL-72TP-280	21.08%		72 (Half Cut Cells)	1500		
3	Mono PERC c-Si Module	SSSPL-108TP-390 (390 Wp)	SSSPL-108TP-380	19.47%		108 (Half Cut Cells)	1500		
			SSSPL-108TP-390	19.98%					
			SSSPL-108TP-400	20.49%					
4	Mono PERC c-Si Module	SSSPL-108TP-410 (410Wp)	SSSPL-108TP-410	21.00%		108 (Half Cut Cells)	1500		
5	Mono PERC c-Si Module	SSSPL-120TP-440 (440Wp)	SSSPL-120TP-420	19.42%		Registration No.: R- 63000922	120 (Half Cut Cells)		1500
			SSSPL-120TP-430	19.89%					
			SSSPL-120TP-440	20.35%					
			SSSPL-120TP-450	20.81%					
			SSSPL-120TP-460	21.27%					
6	Mono PERC c-Si Module	SSSPL-132TP-485 (485 Wp)	SSSPL-132TP-470	19.81%	132 (Half Cut Cells)		1500		
			SSSPL-132TP-475	20.02%					
			SSSPL-132TP-480	20.23%					
			SSSPL-132TP-485	20.44%					
			SSSPL-132TP-490	20.66%					
			SSSPL-132TP-495	20.87%					
7	Mono PERC c-Si Module	SSSPL-144TP-520 (520 Wp)	SSSPL-132TP-500	21.07%	144 (Half Cut Cells)		1500		
			SSSPL-144TP-500	19.36%					
			SSSPL-144TP-510	19.75%					
			SSSPL-144TP-520	20.14%					
			SSSPL-144TP-530	20.52%					
8	Mono PERC c-Si Module	SSSPL-144TP-550 (550 Wp)	SSSPL-144TP-550	21.30%	144 (Half Cut Cells)	1500			



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: 24th February, 2024

To,

M/s. Rajasthan Electronics and Instruments Limited (REIL),
2, Kanakpura Industrial Area, Sirsi Road,
Jaipur-302040, Rajasthan, India
Email id: ashish.choudhary@reil.co.in

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Rajasthan Electronics and Instruments Limited (REIL) – reg.

Sir,

This is in reference to the application received from **M/s. Rajasthan Electronics and Instruments Limited (REIL)** 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 Rajasthan Electronics and Instruments Limited (REIL), 2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040, Rajasthan, India, in respect of 01 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 / PSO to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

Appendix-I

Name of Manufacturer	M/s. Rajasthan Electronics and Instruments Limited (REIL)
Plant Address	2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040, Rajasthan, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	23 MW/Year
Applied Capacity	19 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	Mono c-Si Module	385VV72 (385 Wp)	390W72	20.07%	Registration No.: R-84003077	72 Full Cells	1500	Provisional Enlistment
			385W72	19.82%				
			380W72	19.56%				
			375W72	19.30%				



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

To,

M/s. Alpex Solar Limited
Plot No. I-25 & I-26, UPSIDC, Site-5,
Surajpur, Greater Noida, District: Gautam Budh Nagar,
Uttar Pradesh-201306, India
Email id: lakhan.singh@alpexonline.com

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

Sir,

This is in reference to the application received from M/s. Alpex Solar 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 Alpex Solar Limited, Plot No. I-25 & I-26, UPSIDC, Site-5, Surajpur, Greater Noida, District: Gautam Budh Nagar, Uttar Pradesh-201306, India, 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 (DDJ)


Copy to NIC, MNRE, for uploading on MNRE's Website

Appendix-I

Name of Manufacturer	M/s. Alpex Solar Limited
Plant Address	Plot No. I-25 & I-26, UPSIDC, Site-5, Surajpur, Greater Noida, District: Gautam Budh Nagar, Uttar Pradesh-201306, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	248 MW/Year
Applied Capacity	600 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 (V)	Remarks
1	Mono c-Si PERC Module	ALP24L535WM (535Wp)	ALP24L520WM	20.05	Registration No.: R-93007480	144 (Half Cut Cells)	1500	Provisionally Enlisted
			ALP24L525WM	20.24				
			ALP24L530WM	20.44				
			ALP24L535WM	20.63				
2	Mono c-Si PERC Module	ALP22L495WM (495Wp)	ALP24L540WM	20.82				
			ALP22L480WM	20.14				
			ALP22L485WM	20.35				
			ALP22L490WM	20.56				
			ALP22L495WM	20.77				
			ALP22L500WM	20.98				
			ALP22L505WM	21.19				
3	Mono c-Si PERC Module	ALP20L455WM (455Wp)	ALP22L510WM	21.39				
			ALP22L515WM	21.60				
			ALP20L435WM	20.01				
			ALP20L440WM	20.24				
			ALP20L445WM	20.47				
			ALP20L450WM	20.70				
			ALP20L455WM	20.93				
			ALP20L460WM	21.16				
4	Mono c-Si PERC Module	ALP18L400WM (400Wp)	ALP20L465WM	21.39				
			ALP20L470WM	21.62				
			ALP20L475WM	21.85				
			ALP18L390WM	19.86				
			ALP18L395WM	20.11				
			ALP18L400WM	20.36				
5	Mono c-Si PERC Module	ALP12L275WM (275Wp)	ALP18L405WM	20.62				
			ALP18L410WM	20.87				
			ALP18L415WM	21.13				
			ALP12L265WM	19.85				
			ALP12L270WM	20.22				
			ALP12L275WM	20.6				
			ALP12L280WM	20.97				
			ALP12L285WM	21.34				



F. No. 283/54/2018- GRID SOLAR- Part (1)
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ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

To,

M/s. Pixon Green Energy Private Limited
R.S. No. 157/1, 158/1, 158/2,
165/1, Survey No. 15/1,
Depailya, Khijadiya Nana,
Rajkot, Gujarat-360110, India
Email id: tender@pixonenergy.in

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Pixon Green Energy Private Limited - reg.

Sir,

This is in reference to the application received from M/s. Pixon Green Energy 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 Pixon Green Energy Private Limited, R.S. No. 157/1, 158/1, 158/2, 165/1, Survey No. 15/1, Depailya, Khijadiya Nana, Rajkot, Gujarat-360110, India in respect of 13 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 (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website

Appendix-I

Name of Manufacturer	M/s Pixon Green Energy Private Limited
Plant Address	R.S. No. 157/1, 158/1, 158/2, 165/1, Survey No. 15/1, Depailya, Khijadiya Nana, Rajkot, Gujarat-360110, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	200 MW/Year
Applied Capacity	500 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	Mono c-Si PERC Module	PIX MPH 132 645 (645Wp)	PIX MPH 132 625	19.93	Registration No.: R-72004570	132 (Half cut cells)	1500	Provisionally Enlisted
			PIX MPH 132 630	20.09				
			PIX MPH 132 635	20.25				
			PIX MPH 132 640	20.41				
			PIX MPH 132 645	20.57				
			PIX MPH 132 650	20.72				
			PIX MPH 132 655	20.88				
PIX MPH 132 660	21.04							
2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 645 (645Wp)	PIX MBHTB 132 625	19.93				
			PIX MBHTB 132 630	20.09				
			PIX MBHTB 132 635	20.25				
			PIX MBHTB 132 640	20.41				
			PIX MBHTB 132 645	20.57				
			PIX MBHTB 132 650	20.72				
			PIX MBHTB 132 655	20.88				
PIX MBHTB 132 660	21.04							
3	Mono c-Si PERC Module	PIX MPH 120 600 (600Wp)	PIX MPH 120 570	19.94				
			PIX MPH 120 575	20.11				
			PIX MPH 120 580	20.29				
			PIX MPH 120 585	20.46				
			PIX MPH 120 590	20.64				
			PIX MPH 120 595	20.81				
			PIX MPH 120 600	20.99				
4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 120 600 (600Wp)	PIX MBHTB 120 570	19.94				
			PIX MBHTB 120 575	20.11				
			PIX MBHTB 120 580	20.29				
			PIX MBHTB 120 585	20.46				
			PIX MBHTB 120 590	20.64				
			PIX MBHTB 120 595	20.81				
			PIX MBHTB 120 600	20.99				
5	Mono c-Si PERC Module	PIX MPH 108 530 (530Wp)	PIX MPH 108 510	19.76				
			PIX MPH 108 515	19.95				
			PIX MPH 108 520	20.14				
			PIX MPH 108 525	20.34				
			PIX MPH 108 530	20.53				
			PIX MPH 108 535	20.73				
			PIX MPH 108 540	20.92				
6	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 108 530 (530Wp)	PIX MPHTB 108 510	19.76				
			PIX MPHTB 108 515	19.95				
			PIX MPHTB 108 520	20.14				
			PIX MPHTB 108 525	20.34				
			PIX MPHTB 108 530	20.53				
			PIX MPHTB 108 535	20.73				
			PIX MPHTB 108 540	20.92				

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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
7	Mono c-Si PERC Module	PIX MPH 156 585 (585Wp)	PIX MPH 156 560	20.00		156 (Half cut cells)	1500	
			PIX MPH 156 565	20.18				
			PIX MPH 156 570	20.36				
			PIX MPH 156 575	20.54				
			PIX MPH 156 580	20.71				
			PIX MPH 156 585	20.89				
			PIX MPH 156 590	21.07				
8	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 156 585 (585Wp)	PIX MBHTB 156 560	20.00		156 (Half cut cells)	1500	
			PIX MBHTB 156 565	20.18				
			PIX MBHTB 156 570	20.36				
			PIX MBHTB 156 575	20.54				
			PIX MBHTB 156 580	20.71				
			PIX MBHTB 156 585	20.89				
			PIX MBHTB 156 590	21.07				
9	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510	19.74		144 (Half cut cells)	1500	
			PIX MPH 144 515	19.94				
			PIX MPH 144 520	20.13				
			PIX MPH 144 525	20.32				
			PIX MPH 144 530	20.52				
			PIX MPH 144 535	20.71				
			PIX MPH 144 540	20.90				
10	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510	19.74		144 (Half cut cells)	1500	
			PIX MPH 144 515	19.94				
			PIX MPH 144 520	20.13				
			PIX MPH 144 525	20.32				
			PIX MPH 144 530	20.52				
			PIX MPH 144 535	20.71				
			PIX MPH 144 540	20.90				
11	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 144 535 (535Wp)	PIX MBHTB 144 510	19.74		144 (Half cut cells)	1500	
			PIX MBHTB 144 515	19.94				
			PIX MBHTB 144 520	20.13				
			PIX MBHTB 144 525	20.32				
			PIX MBHTB 144 530	20.52				
			PIX MBHTB 144 535	20.71				
			PIX MBHTB 144 540	20.90				
12	Mono c-Si PERC Module	PIX MPH 132 490 (490 Wp)	PIX MPH 132 470	19.74		132 (Half cut cell)	1500	
			PIX MPH 132 475	19.95				
			PIX MPH 132 480	20.16				
			PIX MPH 132 485	20.37				
			PIX MPH 132 490	20.58				
			PIX MPH 132 495	20.79				
			PIX MPH 132 500	21.00				
13	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 490 (490 Wp)	PIX MBHTB 132 470	19.74		132 (Half cut cell)	1500	
			PIX MBHTB 132 475	19.95				
			PIX MBHTB 132 480	20.16				
			PIX MBHTB 132 485	20.37				
			PIX MBHTB 132 490	20.58				
			PIX MBHTB 132 495	20.79				
			PIX MBHTB 132 500	21.00				

F. No. 283/54/2018- GRID SOLAR- Part (1)
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ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

To,

M/s. Swelect HHV Photovoltaics Private Limited
SF-No.169/1-2, 168/3A-3E, 169/4-9, 166/1B1B,
166/1B2A-2E, 166/1B2L, 166/1B2M,
Kuppaepalayam Village, Avinashi Taluk,
Coimbatore-641107, Tamil Nadu.
Email id: balan.a@swelectes.com

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Swelect HHV Photovoltaics Private Limited - reg.

Sir,

This is in reference to the application received from M/s. Swelect HHV Photovoltaics 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 Swelect HHV Photovoltaics Private Limited, SF-No.169/1-2, 168/3A-3E, 169/4-9, 166/1B1B, 166/1B2A-2E, 166/1B2L, 166/1B2M, Kuppaepalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu in respect of 14 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)

Copy to NIC, MNRE, for uploading on MNRE's Website

Appendix-I

Name of Manufacturer	M/s. Swelect HHV Solar Photovoltaics Private Limited
Plant Address	SF-No.169/1-2,168/3A-3E,169/4-9,166/1B1B,166/1B2A-2E, 166/1B2L, 166/1B2M, Kuppaepalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	153 MW/Year
Applied Capacity	500 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. N.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Mono c-Si PERC Module	SWM11BB0385 (385 Wp)	SWM11BB0375	19.20	Registration No.: R-61003433	108 (Half Cut Cells)	1500	Provisionally Enlisted
			SWM11BB0380	19.46				
			SWM11BB0385	19.71				
			SWM11BB0390	19.97				
			SWM11BB0395	20.22				
			SWM11BB0400	20.48				
			SWM11BB0405	20.74				
2	Mono c-Si PERC Module	SWM11BB2435 (435 Wp)	SWM11BB0410	20.99				
			SWM11BB2415	19.17				
			SWM11BB2420	19.40				
			SWM11BB2425	19.63				
			SWM11BB2430	19.86				
			SWM11BB2435	20.10				
			SWM11BB2440	20.32				
3	Mono c-Si PERC Module	SWM11BB4470 (470 Wp)	SWM11BB2445	20.56				
			SWM11BB2450	20.79				
			SWM11BB2455	21.02				
			SWM11BB4455	19.16				
			SWM11BB4460	19.37				
			SWM11BB4465	19.58				
4	Mono c-Si PERC Module	SWM11BB4500 (500 Wp)	SWM11BB4470	19.79				
			SWM11BB4475	20.00				
			SWM11BB4480	20.21				
			SWM11BB4485	20.42				
			SWM11BB4490	20.63				
5	Mono c-Si PERC Module	SWM11BB6500 (525 Wp)	SWM11BB4495	20.84				
			SWM11BB4500	21.06				
6	Mono c-Si PERC Module	SWM11BB6525 (525 Wp)	SWM11BB6500	19.35				
			SWM11BB6505	19.55				
			SWM11BB6510	19.74				
			SWM11BB6515	19.94				
			SWM11BB6520	20.13				
			SWM11BB6525	20.32				
			SWM11BB6530	20.52				
			SWM11BB6535	20.71				
			SWM11BB6540	20.90				
			SWM11BB6545	21.10				
6	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB6550	21.29				
			SWM11BB8540	19.32				
			SWM11BB8545	19.50				
6	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB8550	19.67				
			SWM11BB8555	19.85				

S. N.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
			SWM11BB8560	20.03				
			SWM11BB8565	20.21				
			SWM11BB8570	20.39				
			SWM11BB8575	20.57				
			SWM11BB8580	20.75				
			SWM11BB8585	20.93				
7	Mono c-Si PERC Module	SWM11BB8595 (595 Wp)	SWM11BB8590	21.11		156 (Half Cut Cells)	1500	
			SWM11BT0375	19.20				
			SWM11BT0380	19.46				
			SWM11BT0385	19.71				
			SWM11BT0390	19.97				
			SWM11BT0395	20.22				
			SWM11BT0400	20.48				
			SWM11BT0405	20.74				
8	Bifacial Mono c-Si PERC Module	SWM11BT0385 (385 Wp)	SWM11BT0410	20.99		108 (Half Cut Cells)	1500	
			SWM11BT2415	19.17				
			SWM11BT2420	19.40				
			SWM11BT2425	19.63				
			SWM11BT2430	19.86				
			SWM11BT2435	20.10				
			SWM11BT2440	20.32				
			SWM11BT2445	20.56				
			SWM11BT2450	20.79				
9	Bifacial Mono c-Si PERC Module	SWM11BT2435 (435 Wp)	SWM11BT2455	21.02		120 (Half Cut Cells)	1500	
			SWM11BT4455	19.16				
			SWM11BT4460	19.37				
			SWM11BT4465	19.58				
			SWM11BT4470	19.79				
			SWM11BT4475	20.00				
			SWM11BT4480	20.21				
			SWM11BT4485	20.42				
			SWM11BT4490	20.63				
10	Bifacial Mono c-Si PERC Module	SWM11BT4470 (470 Wp)	SWM11BT4495	20.84		132 (Half Cut Cells)	1500	
			SWM11BT4500	21.06				
			SWM11BT6500	19.35				
			SWM11BT6505	19.55				
			SWM11BT6510	19.74				
			SWM11BT6515	19.94				
			SWM11BT6520	20.13				
			SWM11BT6525	20.32				
			SWM11BT6530	20.52				
			SWM11BT6535	20.71				
			SWM11BT6540	20.90				
			SWM11BT6545	21.10				
			SWM11BT6550	21.29				
11	Bifacial Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT8540	19.32		132 (Half Cut Cells)	1500	
			SWM11BT8545	19.50				
			SWM11BT8550	19.67				
			SWM11BT8555	19.85				
			SWM11BT8560	20.03				
			SWM11BT8565	20.21				
			SWM11BT8570	20.39				
			SWM11BT8575	20.57				
			SWM11BT8580	20.75				
			SWM11BT8585	20.93				
			12	Bifacial Mono c-Si PERC Module				
			SWM11BT8595	21.28				
			SWM11BT8595	21.28				
13	Bifacial Mono c-Si PERC Module	SWM11BT8560 (560 Wp)	SWM11BT8595	21.11		156 (Half Cut Cells)	1500	
14	Bifacial Mono c-Si PERC Module	SWM11BT8595 (595 Wp)	SWM11BT8595	21.28		156 (Half Cut Cells)	1500	

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F. No. 283/54/2018- GRID SOLAR- Part (1)
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ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

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

To,

M/s. Ganesh Green Bharat Limited
Survey No. 319/320/321, Tundali,
Tundali approach road, Behind Honest Restaurant,
Near Nadasan Flyover, Mehsna-382732, Gujarat, India
Email id: ge@ghgroup.co.in / accounts@ghgroup.co.in

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Ganesh Green Bharat Limited - reg.

Sir,

This is in reference to the application received from M/s. Ganesh Green Bharat 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 Ganesh Green Bharat Limited, Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna-382732, Gujarat, India, in respect of 10 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 (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website

Appendix-I

Name of Manufacturer	M/s. Ganesh Green Bharat Limited
Plant Address	Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna-382732, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	69 MW/Year
Applied Capacity	150 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	N-Type TOPCon Module	SGTP144-550 (550Wp)	SGTP144-525	20.32	Registration No.: R-72005886	144 (Half Cut Cells)	1500	Provisionally Enlisted
			SGTP144-530	50.52				
			SGTP144-535	20.71				
			SGTP144-540	20.90				
			SGTP144-545	21.09				
			SGTP144-550	21.29				
			SGTP144-555	21.48				
			SGTP144-560	21.68				
			SGTP144-565	21.87				
			SGTP144-570	22.06				
SGTP144-575	22.26							
2	N-Type TOPCon Module	SGPT132-495 (495Wp)	SGPT132-475	20.00		132 (Half Cut Cells)	1500	
			SGPT132-480	20.21				
			SGPT132-485	20.42				
			SGPT132-490	20.63				
			SGPT132-495	20.84				
			SGPT132-500	21.06				
			SGPT132-505	21.27				
			SGPT132-510	21.48				
3	N-Type TOPCon Module	SGPT120-445 (445Wp)	SGPT120-425	19.63		120 (Half Cut Cells)	1500	
			SGPT120-430	19.86				
			SGPT120-435	20.09				
			SGPT120-440	20.32				
			SGPT120-445	20.56				
			SGPT120-450	20.79				
			SGPT120-455	21.02				
			SGPT120-460	21.25				
4	N-Type TOPCon Module	SGPT108-400 (400Wp)	SGPT108-385	19.71	108 (Half Cut Cells)	1500		
			SGPT108-390	19.97				
			SGPT108-395	20.23				
			SGPT108-400	20.48				
			SGPT108-405	20.74				
			SGPT108-410	20.99				
			SGPT108-415	21.25				
			SGPT108-420	21.50				
5	Mono c-Si PERC Module	SGMJ144-535 (535Wp)	SGMJ144-520	20.13	144 (Half Cut Cells)	1500		
			SGMJ144-525	20.32				
			SGMJ144-530	20.52				
			SGMJ144-535	20.71				
			SGMJ144-540	20.90				
			SGMJ144-545	21.09				
SGMJ144-550	21.29							

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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
6	Mono c-Si PERC Module	SGMJ132-455 (455Wp)	SGMJ132-455	19.16		132 (Half Cut Cells)	1500	
7	Mono c-Si PERC Module	SGMJ132-480 (480Wp)	SGMJ132-460	19.37		132 (Half Cut Cells)	1500	
			SGMJ132-465	19.58				
			SGMJ132-470	19.79				
			SGMJ132-475	20.00				
			SGMJ132-480	20.21				
			SGMJ132-485	20.42				
			SGMJ132-490	20.63				
			SGMJ132-495	20.84				
9	Mono c-Si PERC Module	SGMJ120-435 (435Wp)	SGMJ120-415	19.17		120 (Half Cut Cells)	1500	
			SGMJ120-420	19.40				
			SGMJ120-425	19.63				
			SGMJ120-430	19.86				
			SGMJ120-435	20.09				
			SGMJ120-440	20.32				
			SGMJ120-445	20.56				
			SGMJ120-450	20.79				
10	Mono c-Si PERC Module	SGMJ108-385 (385Wp)	SGMJ108-375	19.20		108 (Half Cut Cells)	1500	
			SGMJ108-380	19.46				
			SGMJ108-385	19.71				
			SGMJ108-390	19.97				
			SGMJ108-395	20.23				

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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

To,

M/s. Pahal Solar
189, Block No.-71, Opp- Shiv Shakti Estate,
Olpad Sayan Road, Atodara, Olpad,
Surat-394540, Gujarat, India
Email id: paresh@pahalsolar.com

Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Pahal Solar - reg.

Sir,

This is in reference to the application received from M/s. Pahal Solar 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. Pahal Solar, 189, Block No.-71, Opp-Shiv Shakti Estate, Olpad Sayan Road, Atodara, Olpad, Surat-394540, Gujarat, India in respect of 14 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 (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website.

Appendix-I

Name of Manufacturer	M/s. Pahal Solar
Plant Address	189, Block No.-71, Opp.-Shiv Shakti Estate, Olpad Sayan Road, Atodara, Olpad, Surat-394540, Gujarat
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	215 MW/Year
Applied Capacity	250 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 N-type TOPCon Modules	PSN_155 (155Wp)	PSN_150	19.90	Registration No.: R-72001848	40 (Half Cut Cells)	1500	Provisionally Enlisted
			PSN_155	20.56				
			PSN_160	21.22				
2	Bifacial N-type TOPCon Modules	PSN_210 (210Wp)	PSN_200	19.28				
			PSN_205	19.76				
			PSN_210	20.24				
			PSN_215	20.72				
			PSN_220	21.21				
3	Bifacial N-type TOPCon Modules	PSN_255 (255Wp)	PSN_245	20.79				
			PSN_250	21.22				
			PSN_255	21.64				
			PSN_260	22.06				
			PSN_265	22.49				
4	Bifacial N-type TOPCon Modules	PSN_280 (280Wp)	PSN_270	20.38				
			PSN_275	20.76				
			PSN_280	21.13				
			PSN_285	21.51				
			PSN_290	21.89				
5	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_295	20.18				
			PSN_300	20.52				
			PSN_305	20.86				
			PSN_310	21.21				
			PSN_315	21.55				
6	Bifacial N-type TOPCon Modules	PSN_335 (335Wp)	PSN_320	20.87				
			PSN_325	21.19				
			PSN_330	21.52				
			PSN_335	21.85				
			PSN_340	22.17				
7	Bifacial N-type TOPCon Modules	PSN_360 (360Wp)	PSN_345	22.50				
			PSN_350	20.06				
			PSN_355	20.35				
			PSN_360	20.64				
			PSN_365	20.92				
8	Bifacial N-type TOPCon Modules	PSN_380 (380Wp)	PSN_370	21.21				
			PSN_375	21.50				
			PSN_380	21.78				
			PSN_385	22.07				
			PSN_390	22.36				
9	Bifacial N-type TOPCon Modules	PSN_410 (410Wp)	PSN_400	20.48				
			PSN_405	20.74				
			PSN_410	20.99				
			PSN_415	21.25				
			PSN_420	21.50				

Signature

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
10	Bifacial N-type TOPCon Modules	PSN_435 (435Wp)	PSN_425	21.76		108 (Half Cut Cells)	1500	
			PSN_430	22.02				
			PSN_435	22.27				
			PSN_440	22.53				
			PSN_445	22.78				
11	Bifacial N-type TOPCon Modules	PSN_480 (480Wp)	PSN_450	23.04				
			PSN_460	21.26				
			PSN_465	21.49				
			PSN_470	21.72				
			PSN_475	21.95				
12	Bifacial N-type TOPCon Modules	PSN_520 (520Wp)	PSN_480	22.18				
			PSN_485	22.41				
			PSN_490	22.64				
			PSN_495	22.87				
			PSN_500	21.07				
13	Bifacial N-type TOPCon Modules	PSN_560 (560Wp)	PSN_505	21.28				
			PSN_510	21.49				
			PSN_515	21.7				
			PSN_520	21.91				
			PSN_525	22.13				
14	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_530	22.34				
			PSN_535	20.71				
			PSN_540	20.90				
			PSN_545	21.09				
			PSN_550	21.29				
14	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_555	21.48				
			PSN_560	21.67				
			PSN_565	21.87				
			PSN_570	22.06				
			PSN_575	22.25				
14	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_580	22.45				
			PSN_585	20.91				
			PSN_590	21.09				
			PSN_595	21.27				
			PSN_600	21.45				
14	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_605	21.63				
			PSN_610	21.81				
			PSN_615	21.99				
			PSN_620	22.17				
			PSN_625	22.34				
14	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_630	22.52				

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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

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)

Copy to NIC, MNRE, for uploading on MNRE's Website.

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	Provisionally Enlisted
			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				
5	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB530-144 (530 Wp)	CS-HB575-156	20.74				
			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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