

Commissioning Year	Technology of generating unit	Make & model	Maximum power generation capacity (kW)	Contribution to fault levels (Amps per phase @ connection voltage)	Rating of the relevant transformer	Single line diagram	Protection systems and communication systems:	Voltage control, power factor control and/or reactive power capability (where relevant):	Details specific to the location
2019/2020	Inverter Energy System	SMA MVS2500SC - EV	5000	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	SMA MVS2500SC - EV	4950	NA	NA	G3	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Delta RPI M30 RSM72-6-30P-5BB	990	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Trina Splitmax 380Wp Solaredge SE82.8K	910	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	ABB PVS-100-TL ABB PVS-50-TM-OUTD Longi 370/375W	650	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	RSM72-6-30P-5BB Delta M30A	600	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Trina Solar TSM-DE14H (390Wp) ABB TRIO 50.0-TL-OUTD Delta PCS100	500	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Sunpower X21-470-COM SMA STP25000TL/STP20000TL Tesla Powerpack	435	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	ABB 50kW Trina TSM-DE14H (I) 380W	400	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Trina Duomax 300W Fronius Eco - 27.0-3-S Fronius Symo - 17.5-3-M Fronius Symo - 6.0-3-M	370	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Sunpower SPR-P19-405-COM Sunpower SPR-P19-400-COM Solaredge SE 27.6K	330	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Trina Duomax 380W Huawei 50KTL	250	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Longi LR6-72BK-345M Delta Inverter - M30A	240	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Delta M30A Longi LR6-72BK-345M	240	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Jinko 330W Eagle Series JK M330PP - 72 SMA STP25000TL	240	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	Sungrow Sg110cx Trina 440W Delta Pcs100	770	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	Fronius 25kW and 27kW Trina TSM-DD17M 450W Risen RSM60-260P 260W	260	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	Solar Edge Inverters: SE82.8K	415	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	Sunny Tripower Stp 110-60 TRINA TALLMAX - 445 W	330	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	Trina Duomax 410W SMA Core 2 110KVA	360	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	Trina Solar TSM-290PD06H SMA Sunny Tripower Core1	300	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	Sunny Tripower Stp 110-60 TRINA TALLMAX - 445 W	245	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	SMA STP25000TL-30	550	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	Huawei Technologies Sun2000-50ktl Sun2000-20ktl	250	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2020/2021	Inverter Energy System	TRINA TALLMAX 410Wp SOLAREDGE SE 82.8K SOLAREDGE SE 50K SOLAREDGE P850	215	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	110kW Sungrow SG110CX	1125	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Sunny Tripower Core1 STP 50-40	700	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	SMA Stp50 Core1	400	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	LONGI LR4-72HPH 450W SOLAREDGE SE27.6K SOLAREDGE SE82.8K	360	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Canadian Solar Kumax CS3U-390MS SMA STP 50-40 Core 1	410	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	110kW Sungrow SG110CX	720	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	SunPower SPR-P3-480-UPP SMA STP110-60 SMA STP50-40	540	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	SMA Core 2 110kW	440	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	SolarEdge SE82.8	415	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Trina TSM-DD14A (II) 370W SMA SH075-10	450	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	SMA Stp 25000tl-30 Stp50-40	420	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Longi LR4-60HPH 370W SMA SHP 75-10	390	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	JA Solar JAM60S20 390W Half Cell Monocrystalline Solaredge SE30K and SE25K	380	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Longi Solar 450W SMA 110kW Core 2	330	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	SMA STP 25000TL	350	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Trina Solar 410W Goodwee GW50K-MT	450	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Sungrow SG110CX	300	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Trina Splitmax 375W Solaredge SE82.8K	300	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Talesun Solar 290W SMA STP 60	300	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Jinko 270W 3kW sofar inverter	910	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Sungrow SG110CX 110KVA Tallmax M 450W	330	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	SunPower SPR-P3-480-UPP SMA STP110-60 SMA STP50-40	300	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	SMA Core 2 STP 110k SMA STP 25000 TL	300	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Trina Solar 280W Huawei 50kW Huawei 20kW	280	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Trina Tallmax 410Wp SOLAREDGE SE 82.8K SOLAREDGE P850	280	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Sungrow SG110CX	270	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	Longi LR4-60HPH 370W SMA SHP 75000TL	265	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA

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2021/2022	Inverter Energy System	JA Solar Jap6 60/265/48B SMA SUNNY TRIPOWER CORE 1 - 50KW	500	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2021/2022	Inverter Energy System	JA Solar Jap6 60/265/48B SMA SUNNY TRIPOWER CORE 1 - 50KW	700	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	JA Solar 460W Solaredge SE82.8K Solaredge SE50K Solaredge P950	960	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow SG110CX SMA STP 25000TL	210	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow Sg110cx	990	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	SunPower 485 (SPR-P3-485-UPP) SunGrow Sg11cx	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow SG110CX	270	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow SG30CX	250	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Longi Solar 450W SMA Core 2	300	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Q.Peak Duo XL-G9.2.460Wp Sungrow SG110CX	330	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Rotating machine excluded	Sma Sunny Tripower Core 2	333	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow SG110CX	410	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow SG110CX	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	JAM 72S20-460/MR/1000V Solaredge SE100k & SE50K	350	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow SG110CX	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	SPR-MAX3-430 Fronius Symo 12.5-3-M Fronius Econ 25.0-3-S Fronius Tauro Eco 100-3-D	225	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow Sg110cx	330	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	JA Solar Jam72S20-460/MR Sungrow Sg110cx	300	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sungrow Sg110cx	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sma Stp110-60	660	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	JA Solar Jam72S20-455/MR Solar Edge Se100k	450	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Fronius Eco 27.0-3-S	243	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Fronius Tauro 50kW	450	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Trina Solar TSM-DE18M Sungrow Sg110cx, Sg50cx, Sg30cx	300	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Sma Stp 110-60	1200	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Ja Solar Jam72S20-460/MR Sma Core1 Stp 50-41	450	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Trina TSM-DE18M (II) Sungrow SG110cx SG30cx	360	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	JA Solar Jam72S20 Sungrow SG110CX, SG50CX	270	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Trina TSM-500DE18M(II) Sungrow SG110CX	330	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Trina TSM-500DE18M(II) Sungrow SG110CX	380	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Trina Trailmax M 450W Sungrow SG110CX	2780	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	JA Solar JAM72S20 460W Sungrow SG110CX	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Delta Trio-Tm-50 Delta Pcs100	500	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2022/2023	Inverter Energy System	Delta Trio-Tm-50 Delta Pcs100	500	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2023/24	Inverter Energy System	Sg110cx Sungrow	440	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2023/24	Inverter Energy System	SMA Sunny Boy 6kVA Solaredge SE25K 25KVA	442	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-195	NA
2023/24	Inverter Energy System	Sg110cx Sungrow JA Solar JAM72S20	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-196	NA
2023/24	Inverter Energy System	Sg110cx Sungrow Trina Vertex 500W	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-197	NA
2023/24	Inverter Energy System	Sg110cx Sungrow Sunny Tripower Core2 Stp 110-60	2090	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-198	NA
2023/24	Inverter Energy System	TSM-500DEG18MC.20(II) TRINA VERTEX BIFACIAL 500W	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-199	NA
2023/24	Inverter Energy System	SUNGROW-SG110CX(110kW) JA SOLAR JAM72S20 460 MR Sg110cx Sungrow TRINA TSM-DE18M(II) 500W	1210	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-200	NA
2023/24	Inverter Energy System	Sg110cx Sungrow Trina TSM-DE18M(II) 500W	360	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-201	NA
2023/24	Inverter Energy System	Sg110cx Sungrow Sg110cx Sungrow Evo Power Neo Inverter Station	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-202	NA
2023/24	Inverter Energy System	Catl Enerone Battery Rack Sungrow Cx 110 Fronius Tauro Eco 100-3-D TRINA TSM-DE17M(II) 450W	700	NA	NA	G2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-204	NA
2023/24	Inverter Energy System	Sg110cx Sungrow REC REC420AA Pure-R	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-209	NA
2023/24	Inverter Energy System	Sg110cx Sungrow JA SOLAR JAM72S20-460/MR	440	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-210	NA
2023/24	Inverter Energy System	Sg110cx Sungrow	220	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-211	NA
2023/24	Inverter Energy System	Sg110cx Sungrow JA SOLAR JAM72S20-460/MR	360	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-212	NA
2023/24	Inverter Energy System	Solaredge SE110k	2020	NA	NA	G1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-213	NA