

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
2015/2016	Inverter Energy System	2774x PV Module: JA Solar Jap6 60/265/488 11x SMA SUNNY TRIPOWER CORE 1 - 50KW CANADIAN SOLAR CS6K-290MS SMA Sunny Tripower 25000TL	550	N/A	N/A	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2016/2017	Inverter Energy System	Trina Utility 350W DuoMax modules STP 25000 TL Inverter	235	N/A	NA	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2016/2017	Inverter Energy System	JA Solar 260W Modules ABB Aurora Inverter	241	N/A	NA	IES 2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2016/2017	Inverter Energy System	Trina TSM-260-PA05 INV-08 -Fronius ECO 27.0-3-5 INV-10 -Fronius SYMO 20.0-3-M	270	N/A	NA	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2016/2017	Inverter Energy System	2146x PV Module: JA Solar Jap6 60/265/488 10x SMA SUNNY TRIPOWER CORE 1 - 50KW	500	N/A	N/A	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	1. (800) PV MODULE: CANADIAN SOLAR CS3U-340P 2. (16) 1000V/55A 4POLE DC LOAD ISOLATOR IN IP66 ENCLOSURE 3. (4) INVERTER: SOLAREEDGE SE27.6K 4. (4) INVERTER: SOLAREEDGE SE25K 5. (1) SOLAR AC-DB: 8x 50A MCCB, 1x 400A ISOLATOR 6. (1) SOLAR PROTECTION BOARD: PROTECTION RELAY, 400A MOTORISED CIRCUIT BREAKER, 10A MCB, 24VDC POWER SUPPLY AND UPS, IP65PANEL	210.4	N/A	N/A	IES 2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	Solar Edge Inverters: (2) SE27.6K (3) SE25K (2) SE17K (3) SE15K	220	N/A	N/A	IES 2.3	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	Sunpower - SPR-327NE-WHT-D-327W Panel - Complete with P320 Optimiser at each Panel Solar Edge - SE25K - Inverter	225	N/A	NA	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	1. (896) PV MODULE: CANADIAN SOLAR CS3U-340P 2. (16) 1000V/55A 4POLE DC LOAD ISOLATOR IN IP66 ENCLOSURE 3. (2) 1000V/32A 4POLE DC LOAD ISOLATOR IN IP66 ENCLOSURE 4. (8) INVERTER: SOLAREEDGE SE27.6K 5. (1) INVERTER: SOLAREEDGE SE17K 6. (1) SOLAR AC-DB: 9x 50A MCCB, 1x 630A ISOLATOR 7. (1) SOLAR PROTECTION BOARD: PROTECTION RELAY, 400A MOTORISED CIRCUIT BREAKER, 10A MCB, 24VDC POWER SUPPLY AND UPS, IP65PANEL	237.8	N/A	N/A	IES 2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	1. (1,184) PV MODULE: CANADIAN SOLAR CS3U-340P 2. (24) 1000V/55A 4POLE DC LOAD ISOLATOR IN IP66 ENCLOSURE 3. (4) INVERTER: SOLAREEDGE SE27.6K 4. (8) INVERTER: SOLAREEDGE SE25K 5. (1) SOLAR AC-DB: 12x 50A MCCB, 1x 630A ISOLATOR 6. (1) SOLAR PROTECTION BOARD: PROTECTION RELAY, 630A MOTORISED CIRCUIT BREAKER, 10A MCB, 24VDC POWER SUPPLY AND UPS, IP65PANEL	270.8	N/A	N/A	IES2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	1. (1,144) PV MODULE: CANADIAN SOLAR CS3U-340P 2. (22) 1000V/55A 4POLE DC LOAD ISOLATOR IN IP66 ENCLOSURE 3. (11) INVERTER: SOLAREEDGE SE27.6K 4. (1) SOLAR AC-DB: 11x 50A MCCB, 1x 630A ISOLATOR 5. (1) SOLAR PROTECTION BOARD: PROTECTION RELAY, 630A MOTORISED CIRCUIT BREAKER, 10A MCB, 24VDC POWER SUPPLY AND UPS, IP65PANEL	303.6	N/A	N/A	IES 2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	1. (2,208) PV MODULE: CANADIAN SOLAR CS3U-340P 2. (44) 1000V/55A 4POLE DC LOAD ISOLATOR IN IP66 ENCLOSURE 3. (12) INVERTER: SOLAREEDGE SE27.6K 4. (10) INVERTER: SOLAREEDGE SE25K 5. (2) SOLAR AC-DB: 12x 50A MCCB, 1x 630A ISOLATOR 6. (2) SOLAR PROTECTION BOARD: PROTECTION RELAY, 630A MOTORISED CIRCUIT BREAKER, 10A MCB, 24VDC POWER SUPPLY AND UPS, IP65PANEL	310.4	N/A	N/A	IES2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	Canadian Solar CS6P-270P Panel Fronius Eco 27.0-3-5 Inverter	351	N/A	NA	IES 2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	Talesun Solar 300W Panel SMA STP 60-10 Inverter	420	N/A	NA	IES 2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	Yingli Poly 250W Sunpower 327W	750	N/A	NA	IES 2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2017/2018	Inverter Energy System	SMA STP 5000TL,6000TL,15000TL,17000TL,25000TL TALESUN SOLAR 300W SMA STP 60-10	960	N/A	NA	IES 2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2018/2019	Inverter Energy System	834 X Q CELLS Q.PRIME G5 285W PHOTOVOLTAIC MODULES 10 X FRONIUS SYMO 20.0-3-M INVERTERS 40 X BENEDICT L555 DC ISOLATORS	238	N/A	N/A	IES 2.3	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2018/2019	Inverter Energy System	(9) SOLAREEDGE SE27.6k (646) SUNPOWER E20 435W	248.4	N/A	N/A	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2018/2019	Inverter Energy System	Module:JINKO JKM330PP Inverter:SOLAREEDGE SE82.8k, SOLAREEDGE SE27.6k	276	N/A	NA	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2018/2019	Inverter Energy System	Module:LG NEON2 LG400N2W-A5 Inverter: SOLAREEDGE 27.6k	330	N/A	NA	IES 2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2018/2019	Inverter Energy System	Module:LG400N2W-A5, SUNPOWER SPR-P19-395-COM Inverter: SOLAREEDGE 27.6k	525	N/A	NA	IES 2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2018/2019	Inverter Energy System	Module:LG400N2W-A5, SUNPOWER SPR-P19-395-COM Inverter: SOLAREEDGE 27.6k	552	N/A	NA	IES 2.2	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2018/2019	Inverter Energy System	Module:TRINA SPLITMAX 375Wp, TRINA DUOMAX 370Wp Inverter: SOLAREEDGE SE82.8K	579.6	N/A	NA	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA
2018/2019	Biomass/Waste	GE Jenbacher	850	450	1250kVA 415/11kV	RM 8.1	In accordance with NS194 for rotating machine	632 KVA at power factor 0.8	NA
2018/2019	Inverter Energy System	Module:TRINA SPLITMAX 375Wp, TRINA DUOMAX 370Wp Inverter: SOLAREEDGE SE82.8K	910.8	N/A	NA	IES 2.1	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	N/A	NA	IES 2.1	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 MVPS2500SC - EV	4950	N/A	NA	IES 3	Standard protection and communication systems as per AS4777 and NS194 for exporting IES at high voltage	As per AS4777 and NS-194	NA

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	Sunpower X21-470-COM SMA STP25000TL/STP20000TL Tesla Powerpack	434	N/A	NA	IES 2.1	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	N/A	NA	IES 2.2	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	N/A	NA	IES 2.1	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	N/A	NA	IES 2.1	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	N/A	NA	IES 2.2	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	N/A	NA	IES 2.2	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 JKM330PP - 72 SMA STP25000TL	240	N/A	NA	IES 2.1	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	N/A	NA	IES 2.1	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	N/A	NA	IES 2.2	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	331	N/A	NA	IES 2.1	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	N/A	NA	IES 2.1	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 MVPS2500SC - EV ABB 50kW	5000	N/A	NA	IES 3	Standard protection and communication systems as per AS4777 and NS194 for exporting IES at high voltage	As per AS4777 and NS-194	NA
2019/2020	Inverter Energy System	Trina TSM-DE14H (I) 380W	400	N/A	NA	IES 2.1	Standard protection and communication systems as per AS4777 and NS194 for exporting IES	As per AS4777 and NS-194	NA