

PROGETTO PER LA REALIZZAZIONE DI UN IMPIANTO AGRIVOLTAICO DA 10.862,04 kW_p (POTENZA IN IMMISSIONE PARI A 9.600,00 kW_p) PER LA PRODUZIONE DI ENERGIA ELETTRICA E OPERE CONNESSE DENOMINATO "DAGALAFONDA_MAZARA"

Comune di Mazara del Vallo:

Foglio di mappa n° 132 - particelle n° 73-75-227-278-304-305-306-384-386-388

Foglio di mappa n° 109 - particelle n° 342-343-344

(impianto di produzione)

COMMITTENTE: **ECOSOUND 1 S.R.L.**
via Alessandro Manzoni, 30
20121 - Milano (MI)
Codice fiscale: 10902370963
Amministratore unico: Sig. Shapira Yoav

Codice di rintracciabilità e-Distribuzione n° T0737688



REV.	DATA	ESEGUITO	VERIFICATO	APPROVATO
00	22/07/2022	Lino/Massaro	Sarcone	Alferi
<p>Nome cartella</p> <p>PUA_2 "Elaborati di progetto"</p> <p>Classe Elaborato Allegato</p> <p>A 18</p>				

Riepilogo dati tecnici

- A. RELAZIONI E TABULATI**
- B. INQUADRAMENTO TERRITORIALE
- C. ELABORATI IMPIANTO DI RETE
- D. ELABORATI IMPIANTO UTENTE
- E. DOCUMENTAZIONE

Staff tecnico di progettazione:

- Arch. Claudio Sarcone
- Arch. Carlo Lino
- Geom. Ezio Massaro
- Dott. Agr. Federico Maniscalco
- Ing. Cosimo Padalino
- Ing. Antony Vasile

AMMINISTRATORE
ECOSOUND 1 S.R.L.

Sig. SHAPIRA YOAV

PROGETTISTA
(opere elettriche)

Ing. Cosimo Padalino
TIMBRO E FIRMA
MAGISTRALE
Cosimo PADALINO
Sezione A. n. 1448
Settore Industriale

PROGETTISTA
(opere edili)

arch. Claudio Sarcone
TIMBRO E FIRMA
Arch. **Claudio Sarcone**
N. 1351
Sezione A:
Architettura

Project name: DAGALAFONDA MAZARA

General information	
Total capacity, kWp	10.862,04
Module power, Wp	670,00
Module quantity	16.212
Trench length, m.	3.375,04
Fence length, m.	5.137,17
String quantity	579
String inverter quantity	48
Transformer quantity	7
String cables, m.	46.984,00
DC extensions, m.	4.732,72
AC cables (Inverter - Transformer), m.	5.155,283

Information by area						
No. Sottocampo	String quantity	No. Modules	Module power, Wp	Pitch, m	Azimuth, °	Capacity, kWp
1	60	1.680	670,00	10,50	90,00	1.125,60
2	121	3.388	670,00	10,50	90,00	2.269,96
3	85	2.380	670,00	10,50	90,00	1.594,60
4	99	2.272	670,00	10,50	90,00	1.857,24
5	73	2.044	670,00	10,50	90,00	1.369,48
6	110	3.080	670,00	10,50	90,00	2.063,60
7	31	868	670,00	10,50	90,00	581,56
Total	579	16.212	670,00	10,50	90,00	10.862,04

Frame preset information	
Name	Trina Solar_Vertex
Length, m	2,384
Width, m	1,303
Thickness, m	0,035
Power, Wp	670,00
Frame type	Single-axis trackers
Module orientation	Portrait
Rows	2
Columns	14
Turning angle range, deg	60
Horizontal gap between modules, m	0,030
Vertical gap between modules, m	0,100
Frame height at lowest point, m	0,800
Frame height at highest point, m	5,033
Table length, m	18,902
Frame power, kWp	18,760

Trasformer to inverter		
From	To	Cable length, m
Transformer 1	Inverter INV 1-1	192,134
	Inverter INV 1-2	120,314
	Inverter INV 1-3	55,256
	Inverter INV 1-4	97,325
	Inverter INV 1-5	160,429
Transformer 2	Inverter INV 2-1	153,146
	Inverter INV 2-2	96,080
	Inverter INV 2-3	64,498
	Inverter INV 2-4	22,388
	Inverter INV 2-5	39,578
	Inverter INV 2-6	81,639
	Inverter INV 2-7	123,623
	Inverter INV 2-8	165,534
	Inverter INV 2-9	212,463
	Inverter INV 2-10	128,559
Transformer 3	Inverter INV 3-1	82,857
	Inverter INV 3-2	61,782
	Inverter INV 3-3	40,706
	Inverter INV 3-4	52,729
	Inverter INV 3-5	33,042
	Inverter INV 3-6	54,118
	Inverter INV 3-7	85,731
Transformer 4	Inverter INV 4-1	227,296
	Inverter INV 4-2	185,098
	Inverter INV 4-3	142,901
	Inverter INV 4-4	100,797
	Inverter INV 4-5	58,886
	Inverter INV 4-6	48,628
	Inverter INV 4-7	111,808
	Inverter INV 4-8	196,047
Transformer 5	Inverter INV 5-1	36,523
	Inverter INV 5-2	78,622
	Inverter INV 5-3	120,720
	Inverter INV 5-4	162,820
	Inverter INV 5-5	204,919
	Inverter INV 5-6	247,018
Transformer 6	Inverter INV 6-1	152,898
	Inverter INV 6-2	131,879
	Inverter INV 6-3	100,397
	Inverter INV 6-4	134,583
	Inverter INV 6-5	103,083
	Inverter INV 6-6	52,308
	Inverter INV 6-7	96,997
	Inverter INV 6-8	75,997
	Inverter INV 6-9	54,997
Transformer 7	Inverter INV 7-1	109,106
	Inverter INV 7-2	15,479
	Inverter INV 7-3	81,545

Inverter to string			
From	To	Cable length +, m	Cable length -, m
Inverter INV 1-1	String 1-1-1	44,171	44,171
	String 1-1-2	24,919	24,919
	String 1-1-3	33,636	33,636
	String 1-1-4	14,384	14,384
	String 1-1-5	21,295	21,296
	String 1-1-6	2,043	2,044
	String 1-1-7	71,874	71,874
	String 1-1-8	52,622	52,622
	String 1-1-9	33,370	33,370
	String 1-1-10	82,364	82,364
	String 1-1-11	63,112	63,112
	String 1-1-12	43,860	43,860
Inverter INV 1-2	String 1-2-1	63,436	63,436
	String 1-2-2	44,184	44,184
	String 1-2-3	24,932	24,932
	String 1-2-4	52,924	52,924
	String 1-2-5	33,672	33,672
	String 1-2-6	14,420	14,420
	String 1-2-7	40,547	40,547
	String 1-2-8	21,295	21,295
	String 1-2-9	2,043	2,043
	String 1-2-10	52,503	52,503
	String 1-2-11	33,251	33,251
	String 1-2-12	13,999	13,999
Inverter INV 1-3	String 1-3-1	118,489	118,489
	String 1-3-2	99,237	99,237
	String 1-3-3	107,948	107,948
	String 1-3-4	88,696	88,696
	String 1-3-5	2,043	2,043
	String 1-3-6	21,295	21,295
	String 1-3-7	40,547	40,547
	String 1-3-8	12,599	12,599
	String 1-3-9	31,851	31,851
	String 1-3-10	51,103	51,103
	String 1-3-11	23,093	23,093
	String 1-3-12	42,345	42,345
Inverter INV 1-4	String 1-4-1	61,582	61,582
	String 1-4-2	12,561	12,561
	String 1-4-3	31,813	31,813
	String 1-4-4	51,065	51,065
	String 1-4-5	2,043	2,043
	String 1-4-6	21,295	21,295
	String 1-4-7	40,547	40,547
	String 1-4-8	12,538	12,538
	String 1-4-9	31,790	31,790
	String 1-4-10	51,042	51,042
	String 1-4-11	23,032	23,032
	String 1-4-12	42,284	42,284

Inverter INV 1-5	String 1-5-1	33,595	33,595
	String 1-5-2	52,847	52,847
	String 1-5-3	23,078	23,078
	String 1-5-4	42,330	42,330
	String 1-5-5	12,561	12,561
	String 1-5-6	31,813	31,813
	String 1-5-7	2,043	2,043
	String 1-5-8	21,295	21,295
	String 1-5-9	12,538	12,538
	String 1-5-10	23,032	23,032
	String 1-5-11	33,526	33,526
	String 1-5-12	44,020	44,020
Inverter INV 2-1	String 2-1-1	86,629	86,629
	String 2-1-2	76,102	76,102
	String 2-1-3	65,574	65,574
	String 2-1-4	55,046	55,046
	String 2-1-5	52,738	52,738
	String 2-1-6	42,238	42,238
	String 2-1-7	21,288	21,288
	String 2-1-8	38,482	38,482
	String 2-1-9	2,039	2,039
	String 2-1-10	19,230	19,230
	String 2-1-11	29,756	29,756
	String 2-1-12	49,008	49,008
	String 2-1-13	68,260	68,260
Inverter INV 2-2	String 2-2-1	24,921	24,921
	String 2-2-2	44,173	44,173
	String 2-2-3	63,425	63,425
	String 2-2-4	14,393	14,393
	String 2-2-5	33,645	33,645
	String 2-2-6	52,897	52,897
	String 2-2-7	2,043	2,044
	String 2-2-8	21,295	21,296
	String 2-2-9	40,547	40,548
	String 2-2-10	14,792	14,792
	String 2-2-11	34,044	34,044
	String 2-2-12	53,296	53,296
Inverter INV 2-3	String 2-3-1	14,387	14,387
	String 2-3-2	33,639	33,639
	String 2-3-3	52,891	52,891
	String 2-3-4	72,143	72,143
	String 2-3-5	2,043	2,044
	String 2-3-6	21,295	21,296
	String 2-3-7	40,547	40,548
	String 2-3-8	59,800	59,800
	String 2-3-9	14,786	14,786
	String 2-3-10	34,038	34,038
	String 2-3-11	53,290	53,290
	String 2-3-12	72,542	72,542

Inverter INV 2-4	String 2-4-1	24,906	24,906
	String 2-4-2	44,158	44,158
	String 2-4-3	63,410	63,410
	String 2-4-4	82,662	82,662
	String 2-4-5	14,379	14,379
	String 2-4-6	33,630	33,630
	String 2-4-7	52,882	52,882
	String 2-4-8	2,043	2,043
	String 2-4-9	21,295	21,295
	String 2-4-10	40,547	40,547
	String 2-4-11	28,536	28,536
	String 2-4-12	39,038	39,038
Inverter INV 2-5	String 2-5-1	73,264	73,264
	String 2-5-2	23,618	23,618
	String 2-5-3	42,869	42,869
	String 2-5-4	62,121	62,121
	String 2-5-5	2,044	2,044
	String 2-5-6	21,295	21,295
	String 2-5-7	40,546	40,546
	String 2-5-8	14,627	14,627
	String 2-5-9	33,878	33,878
	String 2-5-10	53,130	53,130
	String 2-5-11	25,123	25,123
	String 2-5-12	44,375	44,375
Inverter INV 2-6	String 2-6-1	63,178	63,178
	String 2-6-2	14,156	14,156
	String 2-6-3	33,407	33,407
	String 2-6-4	52,658	52,658
	String 2-6-5	2,043	2,043
	String 2-6-6	21,294	21,294
	String 2-6-7	40,545	40,545
	String 2-6-8	14,533	14,533
	String 2-6-9	33,784	33,784
	String 2-6-10	53,035	53,035
	String 2-6-11	25,029	25,029
	String 2-6-12	44,280	44,280
Inverter INV 2-7	String 2-7-1	63,083	63,083
	String 2-7-2	14,062	14,062
	String 2-7-3	33,313	33,313
	String 2-7-4	52,564	52,564
	String 2-7-5	2,043	2,043
	String 2-7-6	21,294	21,294
	String 2-7-7	40,546	40,546
	String 2-7-8	14,439	14,439
	String 2-7-9	33,690	33,690
	String 2-7-10	52,941	52,941
	String 2-7-11	24,935	24,935

Inverter INV 2-8	String 2-8-1	43,742	43,742
	String 2-8-2	62,994	62,994
	String 2-8-3	13,972	13,972
	String 2-8-4	33,223	33,223
	String 2-8-5	52,474	52,474
	String 2-8-6	2,040	2,040
	String 2-8-7	21,291	21,291
	String 2-8-8	40,543	40,543
	String 2-8-9	14,348	14,348
	String 2-8-10	33,600	33,600
	String 2-8-11	52,851	52,851
	String 2-8-12	24,845	24,845
Inverter INV 2-9	String 2-9-1	48,481	48,481
	String 2-9-2	67,733	67,733
	String 2-9-3	39,726	39,726
	String 2-9-4	58,977	58,977
	String 2-9-5	78,229	78,229
	String 2-9-6	50,222	50,222
	String 2-9-7	69,474	69,474
	String 2-9-8	88,726	88,726
	String 2-9-9	13,891	13,891
	String 2-9-10	2,043	2,043
	String 2-9-11	14,264	14,264
	String 2-9-12	24,762	24,762
Inverter INV 2-10	String 2-10-1	14,487	14,487
	String 2-10-2	24,984	24,984
	String 2-10-3	35,482	35,482
	String 2-10-4	45,980	45,980
	String 2-10-5	56,477	56,477
	String 2-10-6	66,975	66,975
	String 2-10-7	66,742	66,742
	String 2-10-8	56,216	56,216
	String 2-10-9	45,691	45,691
	String 2-10-10	35,165	35,165
	String 2-10-11	24,640	24,640
	String 2-10-12	14,114	14,114
	String 2-10-13	2,043	2,043
Inverter INV 3-1	String 3-1-1	25,031	25,031
	String 3-1-2	14,494	14,494
	String 3-1-3	33,746	33,746
	String 3-1-4	52,998	52,998
	String 3-1-5	72,250	72,250
	String 3-1-6	91,502	91,502
	String 3-1-7	2,043	2,044
	String 3-1-8	21,295	21,296
	String 3-1-9	40,547	40,548
	String 3-1-10	59,800	59,800
	String 3-1-11	79,052	79,052
	String 3-1-12	14,895	14,895

Inverter INV 3-2	String 3-2-1	33,746	33,746
	String 3-2-2	52,998	52,998
	String 3-2-3	72,250	72,250
	String 3-2-4	91,502	91,502
	String 3-2-5	2,043	2,044
	String 3-2-6	21,295	21,296
	String 3-2-7	40,547	40,548
	String 3-2-8	59,800	59,800
	String 3-2-9	79,052	79,052
	String 3-2-10	14,895	14,895
	String 3-2-11	34,147	34,147
	String 3-2-12	53,399	53,399
Inverter INV 3-3	String 3-3-1	72,249	72,249
	String 3-3-2	91,501	91,501
	String 3-3-3	2,043	2,044
	String 3-3-4	21,295	21,296
	String 3-3-5	40,547	40,548
	String 3-3-6	59,800	59,800
	String 3-3-7	79,052	79,052
	String 3-3-8	14,895	14,895
	String 3-3-9	34,147	34,147
	String 3-3-10	53,399	53,399
	String 3-3-11	72,651	72,651
	String 3-3-12	91,903	91,903
Inverter INV 3-4	String 3-4-1	14,494	14,494
	String 3-4-2	33,746	33,746
	String 3-4-3	52,998	52,998
	String 3-4-4	72,250	72,250
	String 3-4-5	2,043	2,044
	String 3-4-6	21,295	21,296
	String 3-4-7	40,547	40,548
	String 3-4-8	59,800	59,800
	String 3-4-9	14,895	14,895
	String 3-4-10	34,147	34,147
	String 3-4-11	53,399	53,399
	String 3-4-12	72,651	72,651
Inverter INV 3-5	String 3-5-1	14,492	14,492
	String 3-5-2	33,744	33,744
	String 3-5-3	52,996	52,996
	String 3-5-4	72,248	72,248
	String 3-5-5	91,500	91,500
	String 3-5-6	2,043	2,044
	String 3-5-7	21,295	21,296
	String 3-5-8	40,547	40,548
	String 3-5-9	59,800	59,800
	String 3-5-10	79,052	79,052
	String 3-5-11	14,894	14,894
	String 3-5-12	34,146	34,146

Inverter INV 3-6	String 3-6-1	52,997	52,997
	String 3-6-2	72,249	72,249
	String 3-6-3	91,501	91,501
	String 3-6-4	2,043	2,044
	String 3-6-5	21,295	21,296
	String 3-6-6	40,547	40,548
	String 3-6-7	59,799	59,800
	String 3-6-8	79,051	79,052
	String 3-6-9	14,894	14,894
	String 3-6-10	34,146	34,146
	String 3-6-11	53,398	53,398
	String 3-6-12	72,650	72,650
	String 3-6-13	91,902	91,902
Inverter INV 3-7	String 3-7-1	14,493	14,493
	String 3-7-2	33,745	33,745
	String 3-7-3	52,995	52,995
	String 3-7-4	72,247	72,247
	String 3-7-5	91,499	91,499
	String 3-7-6	40,545	40,545
	String 3-7-7	59,796	59,796
	String 3-7-8	79,047	79,047
	String 3-7-9	72,187	72,187
	String 3-7-10	91,439	91,439
	String 3-7-11	2,043	2,043
	String 3-7-12	21,295	21,295
Inverter INV 4-1	String 4-1-1	24,763	24,763
	String 4-1-2	44,015	44,015
	String 4-1-3	63,069	63,069
	String 4-1-4	14,274	14,274
	String 4-1-5	33,526	33,526
	String 4-1-6	52,778	52,778
	String 4-1-7	2,043	2,044
	String 4-1-8	21,295	21,296
	String 4-1-9	40,547	40,548
	String 4-1-10	14,611	14,611
	String 4-1-11	33,863	33,863
	String 4-1-12	53,115	53,115
Inverter INV 4-2	String 4-2-1	24,517	24,517
	String 4-2-2	43,769	43,769
	String 4-2-3	63,021	63,021
	String 4-2-4	13,968	13,968
	String 4-2-5	33,220	33,220
	String 4-2-6	52,472	52,472
	String 4-2-7	2,044	2,044
	String 4-2-8	21,296	21,296
	String 4-2-9	40,548	40,548
	String 4-2-10	14,288	14,288
	String 4-2-11	33,540	33,540
	String 4-2-12	52,792	52,792

Inverter INV 4-3	String 4-3-1	24,196	24,196
	String 4-3-2	43,448	43,448
	String 4-3-3	62,700	62,700
	String 4-3-4	13,646	13,646
	String 4-3-5	32,898	32,898
	String 4-3-6	52,150	52,150
	String 4-3-7	2,044	2,044
	String 4-3-8	21,296	21,296
	String 4-3-9	40,548	40,548
	String 4-3-10	13,966	13,966
	String 4-3-11	33,218	33,218
	String 4-3-12	52,470	52,470
Inverter INV 4-4	String 4-4-1	23,968	23,968
	String 4-4-2	43,220	43,220
	String 4-4-3	62,472	62,472
	String 4-4-4	13,439	13,439
	String 4-4-5	32,691	32,691
	String 4-4-6	51,943	51,943
	String 4-4-7	2,043	2,043
	String 4-4-8	21,295	21,295
	String 4-4-9	40,547	40,547
	String 4-4-10	13,903	13,903
	String 4-4-11	33,155	33,155
	String 4-4-12	52,407	52,407
Inverter INV 4-5	String 4-5-1	24,169	24,169
	String 4-5-2	43,421	43,421
	String 4-5-3	62,673	62,673
	String 4-5-4	13,692	13,692
	String 4-5-5	32,943	32,943
	String 4-5-6	52,195	52,195
	String 4-5-7	2,044	2,044
	String 4-5-8	21,295	21,295
	String 4-5-9	40,546	40,546
	String 4-5-10	14,155	14,155
	String 4-5-11	33,406	33,406
	String 4-5-12	52,658	52,658
Inverter INV 4-6	String 4-6-1	82,010	82,010
	String 4-6-2	101,257	101,257
	String 4-6-3	120,511	120,610
	String 4-6-4	96,306	96,306
	String 4-6-5	115,557	115,557
	String 4-6-6	14,029	14,029
	String 4-6-7	33,280	33,280
	String 4-6-8	2,043	2,043
	String 4-6-9	21,294	21,294
	String 4-6-10	14,377	14,377
	String 4-6-11	24,559	24,559
	String 4-6-12	43,810	43,810
	String 4-6-13	35,089	35,089

Inverter INV 4-7	String 4-7-1	54,899	54,899
	String 4-7-2	14,693	14,693
	String 4-7-3	33,945	33,945
	String 4-7-4	25,170	25,170
	String 4-7-5	44,422	44,422
	String 4-7-6	14,346	14,346
	String 4-7-7	33,597	33,597
	String 4-7-8	2,043	2,043
	String 4-7-9	21,295	21,295
	String 4-7-10	24,876	24,876
	String 4-7-11	44,127	44,127
	String 4-7-12	35,406	35,406
	String 4-7-13	54,657	54,657
Inverter INV 4-8	String 4-8-1	25,593	25,593
	String 4-8-2	44,842	44,842
	String 4-8-3	36,070	36,070
	String 4-8-4	55,320	55,320
	String 4-8-5	46,547	46,547
	String 4-8-6	65,798	65,798
	String 4-8-7	25,000	25,000
	String 4-8-8	14,768	14,768
	String 4-8-9	2,043	2,043
	String 4-8-10	15,116	15,116
	String 4-8-11	34,366	34,366
	String 4-8-12	88,015	88,015
	String 4-8-13	77,532	77,532
Inverter INV 5-1	String 5-1-1	24,743	24,743
	String 5-1-2	52,743	52,743
	String 5-1-3	33,492	33,492
	String 5-1-4	14,240	14,240
	String 5-1-5	40,546	40,546
	String 5-1-6	21,295	21,295
	String 5-1-7	2,043	2,043
	String 5-1-8	52,364	52,364
	String 5-1-9	33,113	33,113
	String 5-1-10	13,861	13,861
	String 5-1-11	62,889	62,889
	String 5-1-12	43,637	43,637
	String 5-1-13	24,385	24,385
Inverter INV 5-2	String 5-2-1	52,827	52,827
	String 5-2-2	33,575	33,575
	String 5-2-3	14,323	14,323
	String 5-2-4	40,547	40,547
	String 5-2-5	21,295	21,295
	String 5-2-6	2,043	2,043
	String 5-2-7	52,447	52,447
	String 5-2-8	33,196	33,196
	String 5-2-9	13,944	13,944
	String 5-2-10	62,972	62,972
	String 5-2-11	43,720	43,720
	String 5-2-12	24,469	24,469

Inverter INV 5-3	String 5-3-1	52,911	52,911
	String 5-3-2	33,659	33,659
	String 5-3-3	14,407	14,407
	String 5-3-4	40,547	40,547
	String 5-3-5	21,295	21,295
	String 5-3-6	2,043	2,043
	String 5-3-7	52,532	52,532
	String 5-3-8	33,280	33,280
	String 5-3-9	14,028	14,028
	String 5-3-10	63,057	63,057
	String 5-3-11	43,805	43,805
	String 5-3-12	24,553	24,553
Inverter INV 5-4	String 5-4-1	52,996	52,996
	String 5-4-2	33,744	33,744
	String 5-4-3	14,492	14,492
	String 5-4-4	40,547	40,548
	String 5-4-5	21,295	21,296
	String 5-4-6	2,043	2,044
	String 5-4-7	52,617	52,617
	String 5-4-8	33,365	33,365
	String 5-4-9	14,113	14,113
	String 5-4-10	63,141	63,141
	String 5-4-11	43,889	43,889
	String 5-4-12	24,637	24,637
Inverter INV 5-5	String 5-5-1	53,081	53,081
	String 5-5-2	33,829	33,829
	String 5-5-3	14,577	14,577
	String 5-5-4	40,547	40,547
	String 5-5-5	21,295	21,295
	String 5-5-6	2,043	2,043
	String 5-5-7	52,701	52,701
	String 5-5-8	33,449	33,449
	String 5-5-9	14,197	14,197
	String 5-5-10	63,226	63,226
	String 5-5-11	43,974	43,974
	String 5-5-12	24,722	24,722
Inverter INV 5-6	String 5-6-1	53,165	53,165
	String 5-6-2	33,913	33,913
	String 5-6-3	14,661	14,661
	String 5-6-4	40,547	40,547
	String 5-6-5	21,295	21,295
	String 5-6-6	2,043	2,043
	String 5-6-7	52,786	52,786
	String 5-6-8	33,534	33,534
	String 5-6-9	14,282	14,282
	String 5-6-10	63,311	63,311
	String 5-6-11	44,059	44,059
	String 5-6-12	24,807	24,807

Inverter INV 6-1	String 6-1-1	63,067	63,067
	String 6-1-2	43,815	43,815
	String 6-1-3	71,819	71,819
	String 6-1-4	52,567	52,567
	String 6-1-5	33,315	33,315
	String 6-1-6	14,063	14,063
	String 6-1-7	59,800	59,800
	String 6-1-8	40,548	40,548
	String 6-1-9	21,296	21,296
	String 6-1-10	2,043	2,043
	String 6-1-11	52,957	52,957
	String 6-1-12	33,705	33,705
	String 6-1-13	14,453	14,453
Inverter INV 6-2	String 6-2-1	91,041	91,041
	String 6-2-2	71,789	71,789
	String 6-2-3	91,441	91,441
	String 6-2-4	72,189	72,189
	String 6-2-5	52,937	52,937
	String 6-2-6	33,685	33,685
	String 6-2-7	14,433	14,433
	String 6-2-8	98,304	98,304
	String 6-2-9	79,052	79,052
	String 6-2-10	59,800	59,800
	String 6-2-11	40,548	40,548
	String 6-2-12	21,296	21,296
	String 6-2-13	2,043	2,043
Inverter INV 6-3	String 6-3-1	120,811	120,811
	String 6-3-2	91,059	91,059
	String 6-3-3	71,807	71,807
	String 6-3-4	52,555	52,555
	String 6-3-5	33,303	33,303
	String 6-3-6	14,051	14,051
	String 6-3-7	33,693	33,693
	String 6-3-8	14,441	14,441
	String 6-3-9	21,296	21,296
	String 6-3-10	2,043	2,043
	String 6-3-11	24,941	24,941
	String 6-3-12	40,548	40,548
Inverter INV 6-4	String 6-4-1	2,043	2,043
	String 6-4-2	21,295	21,295
	String 6-4-3	40,547	40,547
	String 6-4-4	14,445	14,445
	String 6-4-5	33,697	33,697
	String 6-4-6	24,944	24,944
	String 6-4-7	14,044	14,044
	String 6-4-8	33,296	33,296
	String 6-4-9	52,548	52,548
	String 6-4-10	71,800	71,800
	String 6-4-11	24,544	24,544
	String 6-4-12	43,796	43,796

Inverter INV 6-5	String 6-5-1	52,948	52,948
	String 6-5-2	72,200	72,200
	String 6-5-3	91,452	91,452
	String 6-5-4	2,043	2,043
	String 6-5-5	21,295	21,295
	String 6-5-6	40,547	40,547
	String 6-5-7	59,800	59,800
	String 6-5-8	79,052	79,052
	String 6-5-9	14,044	14,044
	String 6-5-10	33,296	33,296
	String 6-5-11	52,548	52,548
	String 6-5-12	71,800	71,800
Inverter INV 6-6	String 6-6-1	121,181	121,181
	String 6-6-2	2,043	2,043
	String 6-6-3	21,296	21,296
	String 6-6-4	40,548	40,548
	String 6-6-5	59,800	59,800
	String 6-6-6	33,673	33,673
	String 6-6-7	52,925	52,925
	String 6-6-8	72,177	72,177
	String 6-6-9	91,429	91,429
	String 6-6-10	110,681	110,681
	String 6-6-11	80,800	82,253
	String 6-6-12	70,300	70,300
Inverter INV 6-7	String 6-7-1	2,043	2,043
	String 6-7-2	21,295	21,295
	String 6-7-3	40,547	40,547
	String 6-7-4	59,799	59,799
	String 6-7-5	14,444	14,444
	String 6-7-6	33,696	33,696
	String 6-7-7	52,948	52,948
	String 6-7-8	24,944	24,944
	String 6-7-9	14,044	14,044
	String 6-7-10	33,296	33,296
	String 6-7-11	52,548	52,548
	String 6-7-12	71,800	71,800
Inverter INV 6-8	String 6-8-1	91,452	91,452
	String 6-8-2	2,043	2,043
	String 6-8-3	21,295	21,295
	String 6-8-4	40,547	40,547
	String 6-8-5	59,799	59,799
	String 6-8-6	79,051	79,051
	String 6-8-7	98,303	98,303
	String 6-8-8	14,044	14,044
	String 6-8-9	33,296	33,296
	String 6-8-10	52,548	52,548
	String 6-8-11	71,800	71,800
	String 6-8-12	91,066	91,066

Inverter INV 6-9	String 6-9-1	110,718	110,718
	String 6-9-2	84,247	84,247
	String 6-9-3	103,499	103,499
	String 6-9-4	35,285	35,285
	String 6-9-5	54,537	54,537
	String 6-9-6	73,789	73,789
	String 6-9-7	93,041	93,041
	String 6-9-8	2,043	2,043
	String 6-9-9	21,295	21,295
	String 6-9-10	40,547	40,547
	String 6-9-11	59,799	59,799
	String 6-9-12	79,051	79,051
Inverter INV 7-1	String 7-1-1	86,689	86,689
	String 7-1-2	67,437	67,437
	String 7-1-3	48,185	48,185
	String 7-1-4	28,933	28,933
	String 7-1-5	40,547	40,547
	String 7-1-6	21,295	21,295
	String 7-1-7	2,043	2,043
	String 7-1-8	47,722	47,722
	String 7-1-9	28,470	28,470
	String 7-1-10	53,397	53,397
Inverter INV 7-2	String 7-2-1	89,121	89,121
	String 7-2-2	69,869	69,869
	String 7-2-3	50,617	50,617
	String 7-2-4	31,365	31,365
	String 7-2-5	59,799	59,799
	String 7-2-6	40,547	40,547
	String 7-2-7	21,295	21,295
	String 7-2-8	2,043	2,043
	String 7-2-9	24,944	24,944
	String 7-2-10	33,696	33,696
	String 7-2-11	14,444	14,444
Inverter INV 7-3	String 7-3-1	47,379	47,379
	String 7-3-2	66,631	66,631
	String 7-3-3	85,883	85,883
	String 7-3-4	63,067	63,067
	String 7-3-5	82,319	82,319
	String 7-3-6	28,470	28,470
	String 7-3-7	47,722	47,722
	String 7-3-8	2,043	2,043
	String 7-3-9	21,295	21,295
	String 7-3-10	63,471	63,471