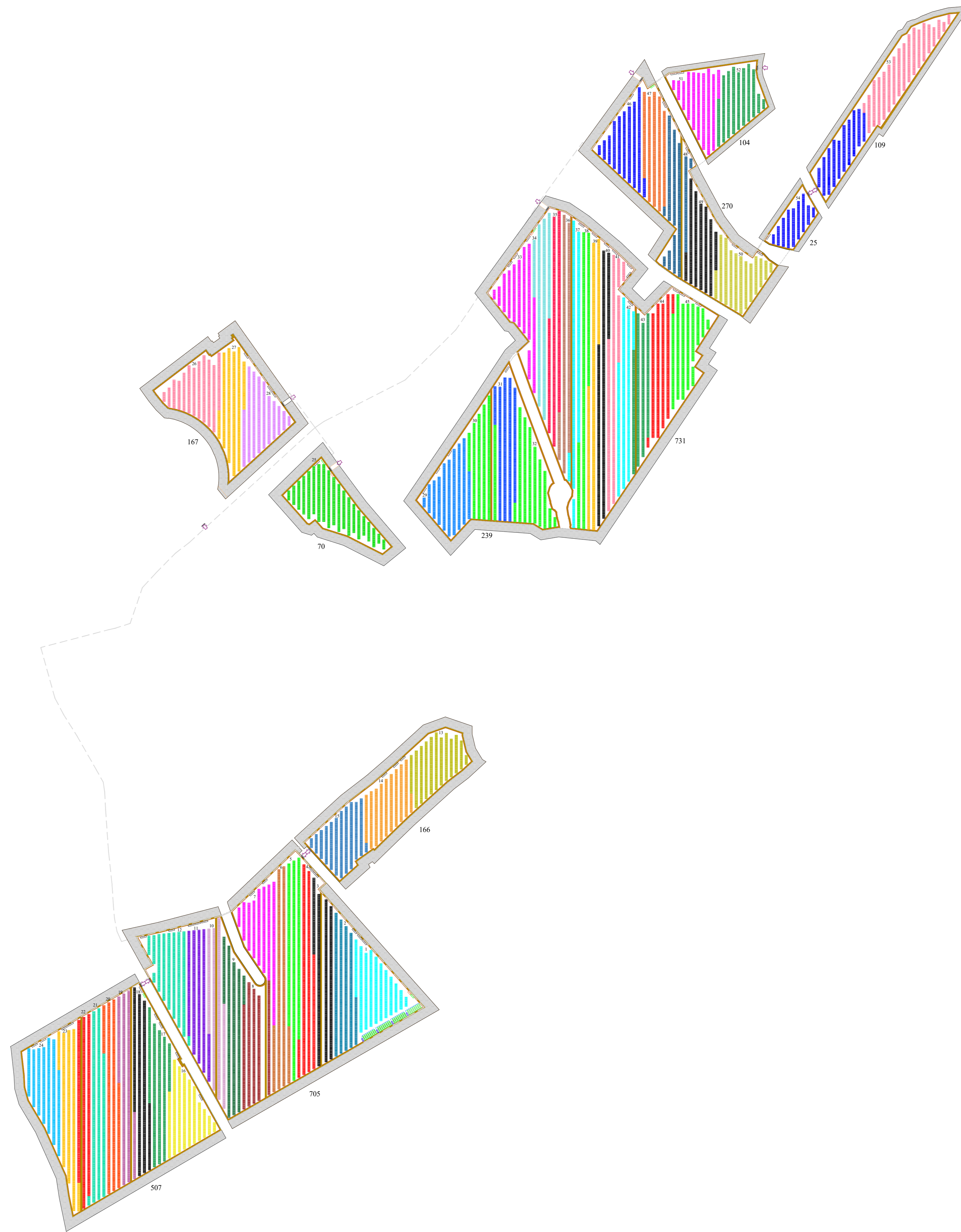


INVERTER 1	59 TRK - 1652 MODULI
INVERTER 2	59 TRK - 1652 MODULI
INVERTER 3	59 TRK - 1652 MODULI
INVERTER 4	59 TRK - 1652 MODULI
INVERTER 5	59 TRK - 1652 MODULI
INVERTER 6	59 TRK - 1652 MODULI
INVERTER 7	59 TRK - 1652 MODULI
INVERTER 8	59 TRK - 1652 MODULI
INVERTER 9	59 TRK - 1652 MODULI
INVERTER 10	58 TRK - 1624 MODULI
INVERTER 11	58 TRK - 1624 MODULI
INVERTER 12	58 TRK - 1624 MODULI
INVERTER 13	56 TRK - 1568 MODULI
INVERTER 14	55 TRK - 1540 MODULI
INVERTER 15	55 TRK - 1540 MODULI
INVERTER 16	57 TRK - 1596 MODULI
INVERTER 17	57 TRK - 1596 MODULI
INVERTER 18	57 TRK - 1596 MODULI
INVERTER 19	56 TRK - 1568 MODULI
INVERTER 20	56 TRK - 1568 MODULI
INVERTER 21	56 TRK - 1568 MODULI
INVERTER 22	56 TRK - 1568 MODULI
INVERTER 23	56 TRK - 1568 MODULI
INVERTER 24	56 TRK - 1568 MODULI
INVERTER 25	70 TRK - 1960 MODULI
INVERTER 26	56 TRK - 1568 MODULI
INVERTER 27	56 TRK - 1568 MODULI
INVERTER 28	55 TRK - 1540 MODULI
INVERTER 29	60 TRK - 1680 MODULI
INVERTER 30	60 TRK - 1680 MODULI
INVERTER 31	60 TRK - 1680 MODULI
INVERTER 32	59 TRK - 1652 MODULI
INVERTER 33	57 TRK - 1569 MODULI
INVERTER 34	57 TRK - 1596 MODULI
INVERTER 35	57 TRK - 1596 MODULI
INVERTER 36	56 TRK - 1568 MODULI
INVERTER 37	56 TRK - 1568 MODULI
INVERTER 38	56 TRK - 1568 MODULI
INVERTER 39	56 TRK - 1568 MODULI
INVERTER 40	56 TRK - 1568 MODULI
INVERTER 41	56 TRK - 1568 MODULI
INVERTER 42	56 TRK - 1568 MODULI
INVERTER 43	56 TRK - 1568 MODULI
INVERTER 44	56 TRK - 1568 MODULI
INVERTER 45	56 TRK - 1568 MODULI
INVERTER 46	54 TRK - 1512 MODULI
INVERTER 47	54 TRK - 1512 MODULI
INVERTER 48	54 TRK - 1512 MODULI
INVERTER 49	54 TRK - 1512 MODULI
INVERTER 50	54 TRK - 1512 MODULI
INVERTER 51	52 TRK - 1456 MODULI
INVERTER 52	52 TRK - 1456 MODULI
INVERTER 53	67 TRK - 1876 MODULI
INVERTER 54	67 TRK - 1876 MODULI



INFO GENERALI

Plant name	DATTILO
Location	Dattilo (Sicily)
Area Catastale	109,6434 hectares
Area Utile (recintata)	76,2757 hectares
Peak power	61,48884 MWp
Pnom	59,400 MVA @ 40°C
Pnom ratio DC:AC	--
Nr of trackers	3093 x 28 modules
Nr of fixed str.	--
Nr of modules	86604
Pnom modules	MYSOLAR - MS710N-HJTGB (710Wp) - 2384x1303mm (3,106352)
Nr of Inverter	54
Nr of Inv. Container	54
Nr of MT Cabin	5
Nr of Control Room	4
Nr of Material Storage	7
Inverter	SUNGROW - SG1100UD
Fence lenght	11976,5 mt (+ 1096 mt recinto basso)

TRACKERS

Slope / Directions	< 17% / All
Pitch trackers	10 mt
Inner spacing tracker	5,222 mt
Ground clearance tr.	1,4 mt
GCR Area Proiezione moduli / Area recinzione	26,9022 / 78,5545 = 34,25% (Pitch10, AreaAggSI, RecBassaSI)
Tilt angle trackers	0° - 55°
Slope / Directions	--
Pitch structures	--
Row spacing str.	--
Ground clearance str.	--
Tilt angle structures	--
GCR Area Proiezione moduli / Area recinzione	--

FIX

STORAGE	
Storage Model	Sungrow SP1272FDLX (0341X)050X1731 - 315C3050H/MV (0558)050X131 - 115C340X3/MV (0558)050X131
Number of inverter storage	4
Pnom/Pnom tot	20,295 MVA
Number of container storage	32
Battery Capacity/ BC tot	2,752 MWh / 88,064 MWh

COMUNE DI TRAPANI
Provincia di Trapani

ISTANZA di Valutazione di Impatto Ambientale Nazionale,
ai sensi del D.L. 92/2021 e del D.lgs 152/2006 e s.m.i.

Committenza
TRAPANI PV s.r.l.

Realizzazione di Impianto Fotovoltaico a terra, Connesso alla RTN
di Trapani pari a 61,488 MWp

Progettazione


Ing. Piero Parenti

Codice documento Titolo documento
DEF.TAV.08 **LAYOUT INVERTER E STRINGHE**

Revisione Elaborato

N. REV.	DATA REV.	DESCRIZIONE REVISIONE	REDAZIONE	APPROVAZIONE
0	Aprile 2023	Prima emissione	Ing. Andrea Fareni	Ing. Piero Parenti
1	Maggio 2024	Modifica Layout	Ing. Andrea Fareni	Ing. Piero Parenti