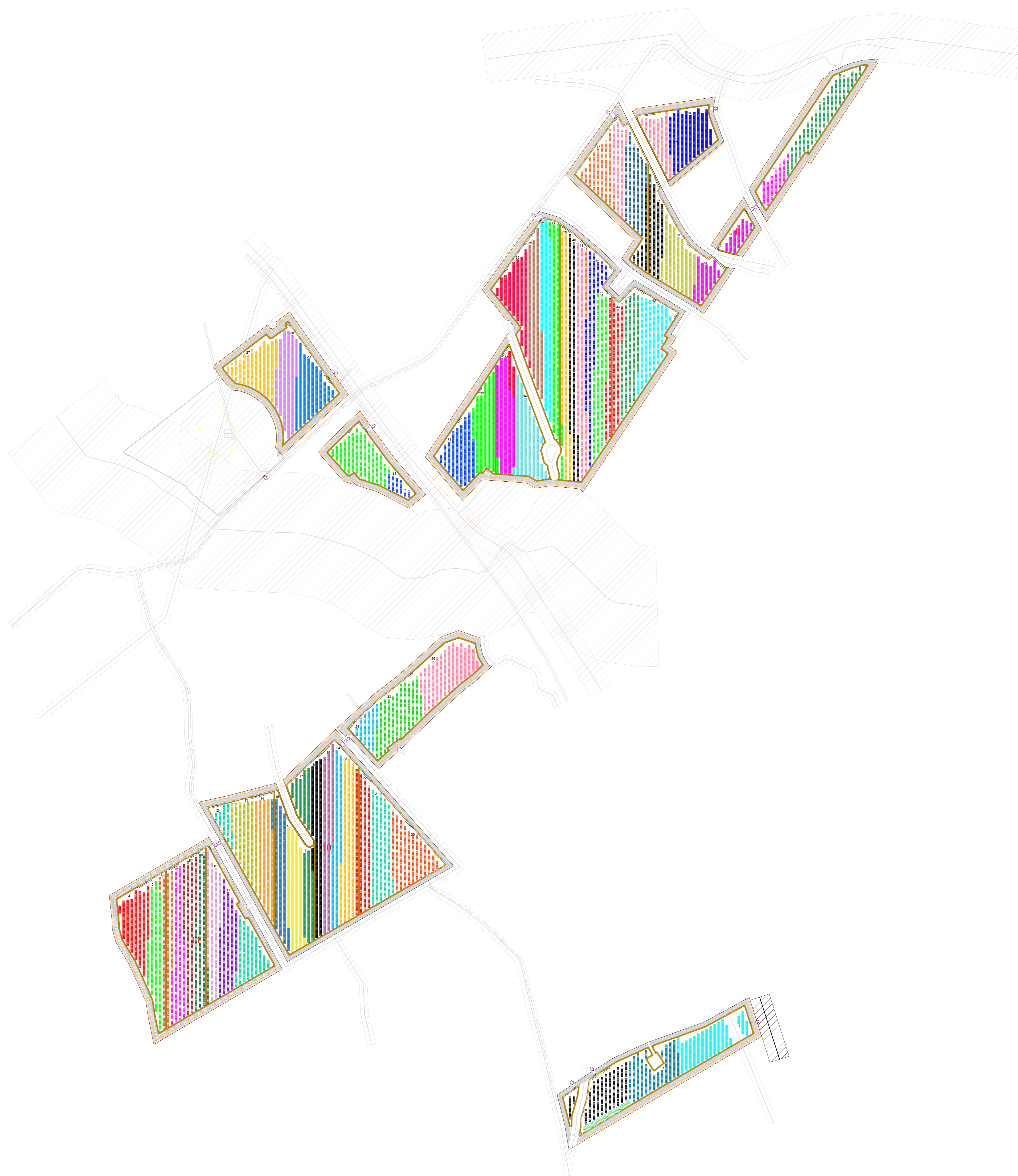


INVERTER 1	56 TRK - 1568 MODULI
INVERTER 2	55 TRK - 1540 MODULI
INVERTER 3	55 TRK - 1540 MODULI
INVERTER 4	56 TRK - 1568 MODULI
INVERTER 5	55 TRK - 1540 MODULI
INVERTER 6	55 TRK - 1540 MODULI
INVERTER 7	57 TRK - 1596 MODULI
INVERTER 8	57 TRK - 1596 MODULI
INVERTER 9	57 TRK - 1596 MODULI
INVERTER 10	57 TRK - 1596 MODULI
INVERTER 11	57 TRK - 1596 MODULI
INVERTER 12	57 TRK - 1596 MODULI
INVERTER 13	57 TRK - 1596 MODULI
INVERTER 14	58 TRK - 1596 MODULI
INVERTER 15	58 TRK - 1596 MODULI
INVERTER 16	58 TRK - 1596 MODULI
INVERTER 17	58 TRK - 1596 MODULI
INVERTER 18	58 TRK - 1596 MODULI
INVERTER 19	59 TRK - 1652 MODULI
INVERTER 20	70 TRK - 1960 MODULI
INVERTER 21	70 TRK - 1960 MODULI
INVERTER 22	70 TRK - 1960 MODULI
INVERTER 23	70 TRK - 1960 MODULI
INVERTER 24	70 TRK - 1960 MODULI
INVERTER 25	71 TRK - 1988 MODULI
INVERTER 26	71 TRK - 1988 MODULI
INVERTER 27	59 TRK - 1652 MODULI
INVERTER 28	60 TRK - 1680 MODULI
INVERTER 29	60 TRK - 1680 MODULI
INVERTER 30	60 TRK - 1680 MODULI
INVERTER 31	62 TRK - 1736 MODULI
INVERTER 32	62 TRK - 1736 MODULI
INVERTER 33	62 TRK - 1736 MODULI
INVERTER 34	62 TRK - 1736 MODULI
INVERTER 35	62 TRK - 1736 MODULI
INVERTER 36	63 TRK - 1764 MODULI
INVERTER 37	63 TRK - 1764 MODULI
INVERTER 38	63 TRK - 1764 MODULI
INVERTER 39	63 TRK - 1764 MODULI
INVERTER 40	63 TRK - 1764 MODULI
INVERTER 41	63 TRK - 1764 MODULI
INVERTER 42	63 TRK - 1764 MODULI
INVERTER 43	63 TRK - 1764 MODULI
INVERTER 44	63 TRK - 1764 MODULI
INVERTER 45	64 TRK - 1792 MODULI
INVERTER 46	64 TRK - 1792 MODULI
INVERTER 47	58 TRK - 1624 MODULI
INVERTER 48	58 TRK - 1624 MODULI
INVERTER 49	58 TRK - 1624 MODULI
INVERTER 50	58 TRK - 1624 MODULI
INVERTER 51	58 TRK - 1624 MODULI
INVERTER 52	59 TRK - 1652 MODULI
INVERTER 53	66 TRK - 1848 MODULI
INVERTER 54	66 TRK - 1848 MODULI



INFO - GENERALI	
Plant name	DATTILO
Location	Dattilo (Sicily)
Area Catastale	109,6434 hectares
Area Utile (recintata)	76,2757 hectares
Peak power	65,54436 MWp
Pnom	59,400 MVA @ 40°C
Pnom ratio DC:AC	--
Nr of trackers	3297 x 28 modules
Nr of fixed str.	--
Nr of modules	92316
Pnom modules	MYSOLAR - MS710N-HJTGB (710Wp) - 2384x1303mm (3,106352)
Nr of Inverter	54
Nr of Inv. Container	54
Nr of MT Cabin	4
Nr of Control Room	4
Nr of Material Storage	7
Inverter	SUNGROW - SG1100UD
Fence lenght	11976,5 mt (+ 1096 mt recinto basso)
Nr of string	--
Nr of string x inverter	--
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	28,677 / 83,557 = 34,31% (Pitch10; AreaAggSI; RecBassaSI)
GCR Area Proiezione moduli / Area recinzione	28,677 / 76,276 = 37,60% (Pitch10; AreaAggSI; RecBassaNO)
FIX	
Tilt angle trackers	0° - 55°
Slope / Directions	--
Pitch structures	--
Row spacing str.	--
Ground clearance str.	--
Tilt angle structures	--
GCR Area Proiezione moduli / Area recinzione	--
STORAGE	
Storage Model	Storage 32*972720X (0340200x170) - 3*505000W MV (055620962438) - 1*5040500 MV (055620962438)
Number of inverter storage	4
Pnom/Pnom tot	20,295 MVA
Number of container storage	32
Battery Capacity/ BC tot	2,752 MW/h / 88,064 MW/h

COMUNI DI PACECO E 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 65,54 MWp



Horus
Green Energy Investment
Horus Green Energy Investment
Via Parola, 20 90197 Trapani (TP) www.horus-gei.com



Ing. Piero Farenti

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 Farenti	Ing. Piero Farenti