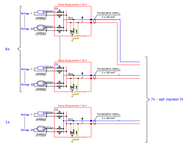
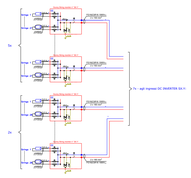
SCHEMA ELETTRICO DI COLLEGAMENTO STRINGA-INVERTER: Particolari distribuzione DC

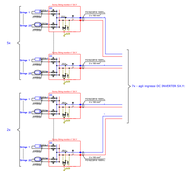
TIPICO INVERTER "a"



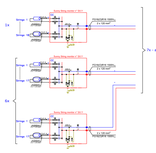
TIPICO INVERTER "b"



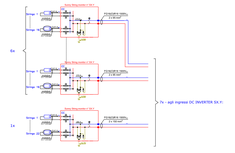
TIPICO INVERTER "c"



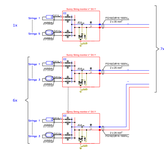
TIPICO INVERTER "d"



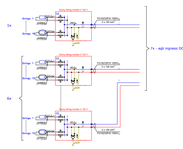
TIPICO INVERTER "e"



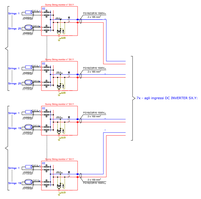
TIPICO INVERTER "f"



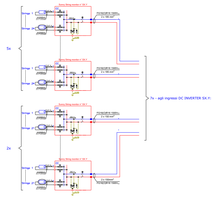
TIPICO INVERTER "g"



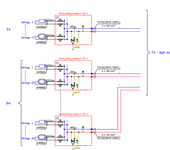
TIPICO INVERTER "h"



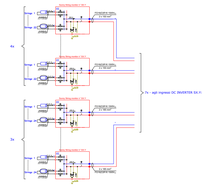
TIPICO INVERTER "i"



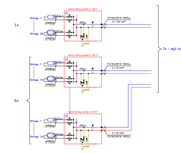
TIPICO INVERTER "j"



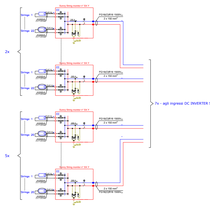
TIPICO INVERTER "l"



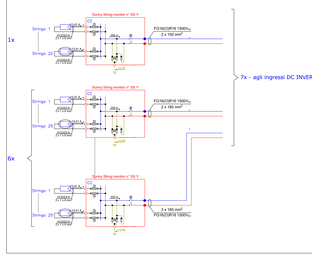
TIPICO INVERTER "m"



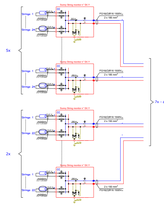
TIPICO INVERTER "n"



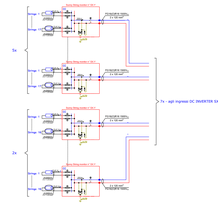
TIPICO INVERTER "o"



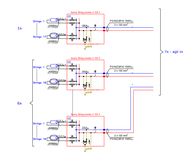
TIPICO INVERTER "p"



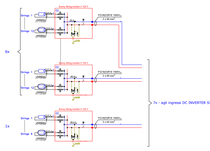
TIPICO INVERTER "q"



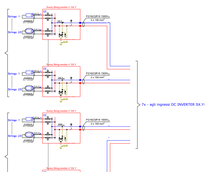
TIPICO INVERTER "r"



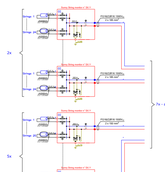
TIPICO INVERTER "s"



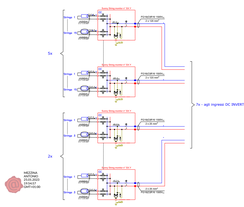
TIPICO INVERTER "t"



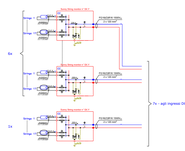
TIPICO INVERTER "u"



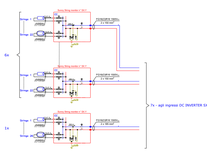
TIPICO INVERTER "v"



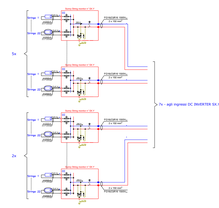
TIPICO INVERTER "w"



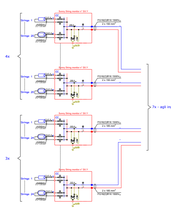
TIPICO INVERTER "x"



TIPICO INVERTER "y"



TIPICO INVERTER "z"



Condizioni di funzionamento

Vmppt (60°C)	1056	V
Vmppt (20°C)	1198	V
Voc (-5°C)	1531	V

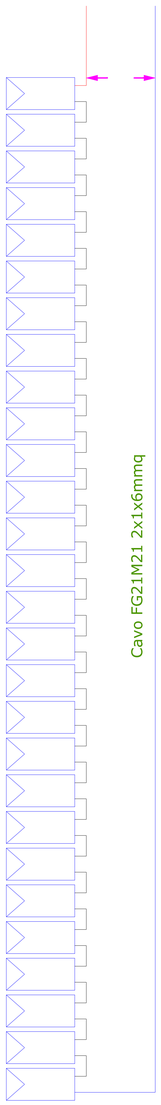


Tabelle costitutive sottocampi

Subcampo	Tipico Inverter MT	Cabina MT	N. stringhe monitor	Stringhe per string monitor	Moduli per stringa	Moduli per string monitor	Stringhe kit	Potenza per string monitor	Coeff. impiego ingresso DC	Moduli kit	Moduli totali	Potenza di picco [kWp]	Potenza inverter [kVA]	Coeff. impiego inverter
B1	a	1	6	22	28	616	132	348,04	1,22	3696	4368	2467,92	1995	123,71%
		2	24	28	672	24		379,68	1,13	672				
B2	b	1	5	21	28	588	105	332,22	1,17	2940	4096	2483,74	1995	124,50%
		2	26	28	728	52		411,32	1,04	1456				
B3	c	1	5	23	28	644	115	363,86	1,28	3220	4452	2515,38	1995	126,08%
		2	22	28	616	44		348,04	1,22	1232				
B4	d	1	18	28	504	18		284,76	1,33	504	3360	1898,4	1500	126,56%
		6	17	28	476	102		268,94	1,26	2856				
B5	e	1	16	28	448	96		253,12	1,18	2688	3304	1868,76	1500	124,45%
		1	22	28	616	22		348,04	1,22	616				
B6	e	6	16	28	448	96		253,12	1,18	2688	3304	1868,76	1500	124,45%
		1	22	28	616	22		348,04	1,22	616				
B7	f	1	5	28	140	5		79,1	1,85	140	644	363,86	300	121,29%
		6	3	28	84	18		47,46	1,11	504				
M1	g	1	18	28	504	18		284,76	1,33	504	8224	3708,56	1500	113,90%
		6	15	28	420	90		237,3	1,11	2520				
M2	h	5	25	28	700	125		395,5	1,39	3500	3564	2578,66	1995	129,26%
		2	19	28	532	38		300,58	1,05	1064				
M3	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
M4	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
M5	l	4	22	28	616	88		348,04	1,25	2464	3480	2531,2	1995	126,88%
		3	24	28	672	72		379,68	1,36	2016				
M6	m	1	20	28	560	20		316,4	2,21	560	1240	1265,6	1000	126,56%
		6	10	28	280	60		158,2	1,11	1680				
P1	n	2	22	28	616	44		348,04	1,22	1232	4232	2278,08	1995	114,19%
		5	20	28	560	100		316,4	1,11	2800				
P2	o	1	22	28	616	22		348,04	1,22	616	4816	2721,04	1995	136,39%
		6	25	28	700	150		395,5	1,39	4200				
P3	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
P4	l	4	22	28	616	88		348,04	1,22	2464	3480	2531,2	1995	126,88%
		3	24	28	672	72		379,68	1,33	2016				
P5	l	4	22	28	616	88		348,04	1,22	2464	3480	2531,2	1995	126,88%
		3	24	28	672	72		379,68	1,33	2016				
P6	p	5	24	28	672	120		379,68	1,33	3360	3192	2594,68	1995	130,05%
		2	22	28	616	44		348,04	1,22	1232				
S1.1	i	4	22	28	616	88		348,04	1,62	2464	3480	2531,2	1995	126,88%
		3	24	28	672	72		379,68	1,77	2016				
S1.2	e	6	16	28	448	96		253,12	0,89	2688	3304	1868,76	1500	124,45%
		1	22	28	616	22		348,04	1,22	616				
S1.3	q	5	17	28	476	85		268,94	1,26	2380	3276	1850,94	1500	123,40%
		1	16	28	448	32		253,12	1,18	896				
S1.4	r	1	17	28	476	17		268,94	1,26	476	3164	1787,66	1500	119,18%
		6	16	28	448	96		253,12	1,18	2688				
S1.1	s	6	10	28	280	72		189,84	1,33	2016	2184	1233,96	1000	123,40%
		1	6	28	168	6		94,92	0,66	168				
S2.2	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
S2.3	t	2	23	28	644	46		363,86	1,28	1288	3508	2547,02	1995	127,67%
		5	23	28	644	115		363,86	1,28	3220				
S2.4	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
S2.5	h	5	25	28	700	125		395,5	1,39	3500	3564	2578,66	1995	129,26%
		2	19	28	532	38		300,58	1,05	1064				
S2.6	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
S2.7	a	1	22	28	616	22		348,04	1,22	616	3508	2467,92	1995	123,71%
		1	24	28	672	24		379,68	1,33	672				
S2.8	l	4	22	28	616	88		348,04	1,22	2464	3480	2531,2	1995	126,88%
		3	24	28	672	72		379,68	1,33	2016				
S2.9	u	2	24	28	672	48		379,68	1,33	1344	5164	2945,36	1995	117,36%
		5	20	28	560	100		316,4	1,11	2800				
S3.1	v	5	15	28	420	75		237,3	1,66	2100	2268	1281,42	1000	128,14%
		2	3	28	84	6		47,46	0,33	168				
S3.2	w	6	17	28	476	102		268,94	1,26	2856	3332	1882,58	1500	125,51%
		1	17	28	476	17		268,94	1,26	476				
S3.3	l	4	22	28	616	88		348,04	1,22	2464	3480	2531,2	1995	126,88%
		3	24	28	672	72		379,68	1,33	2016				
S3.4	t	2	23	28	644	46		363,86	1,28	1288	3508	2547,02	1995	127,67%
		5	23	28	644	115		363,86	1,28	3220				
S3.5	h	5	25	28	700	125		395,5	1,39	3500	3564	2578,66	1995	129,26%
		2	19	28	532	38		300,58	1,05	1064				
S3.6	i	4	22	28	616	88		348,04	1,22	2464	3480	2531,2	1995	126,88%
		3	24	28	672	72		379,68	1,33	2016				
S3.7	a	1	22	28	616	22		348,04	1,22	616	3508	2467,92	1995	123,71%
		1	24	28	672	24		379,68	1,33	672				
S3.8	t	2	23	28	644	46		363,86	1,28	1288	3508	2547,02	1995	127,67%
		5	23	28	644	115		363,86	1,28	3220				
S3.9	e	6	22	28	616	132		348,04	1,22	3696	4424	2499,56	1995	125,29%
		1	26	28	728	26		411,32	1,44	728				
S3.10	y	5	22	28	616	110		348,04	1,22	3080	3312	2436,28	1995	122,12%
		2	22	28	616	44		348,04	1,22	1232				
S4.1	r	4	20	28	560	80		316,4	1,11	2240	4256	2404,64	1995	120,53%
		3	24	28	672	72		379,68	1,33	2016				
S4.2	y	5	22	28	616	110		348,04	1,22	3080	3312	2436,28	1995	122,12%
		2	22	28	616	44		348,04	1,22	1232				
S4.3	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
S4.4	t	2	23	28	644	46		363,86	1,28	1288	3508	2547,02	1995	127,67%
		5	23	28	644	115		363,86	1,28	3220				
S4.5	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
S4.6	h	5	25	28	700	125		395,5	1,39	3500	3564	2578,66	1995	129,26%
		2	19	28	532	38		300,58	1,05	1064				
S4.7	s	6	12	28	336	72		189,84	1,33	2016	2184	1233,96	1000	123,40%
		1	6	28	168	6		94,92	0,66	168				
S4.8	t	2	23	28	644	46		363,86	1,28	1288	3508	2547,02	1995	127,67%
		5	23	28	644	115		363,86	1,28	3220				
S4.9	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
S4.10	i	5	24	28	672	120		379,68	1,33	3360	4536	2562,84	1995	128,46%
		2	21	28	588	42		332,22	1,17	1176				
S4.11	j	1	17	28	476	17		268,94	0,94	476	3360	2432,1	1995	122,91%
		6	23	28	644	138		363,86	1,28	3864				

REGIONE PUGLIA — PROVINCIA di FOGGIA — COMUNE di APRICENA — COMUNE di SAN SEVERO

Società Proponente

AM ENERGY S.R.L. *
Sede: via Tiberio Solis, n. 128 - 71016 San Severo (FG)
Pec: amenergysrl@pec.it
P.Iva: 04304150719

* Società con socio unico, soggetta a direzione e coordinamento di PLAN A HOLDING S.R.L. p.iva 03800410204

Ecologia e Coordinamento

PLAN A ENERGY S.R.L.
Sede: Via Cavour n.104 40026 Imola BO
Pec: planaenergy@pec.it
C.F e P.IVA : 03030041204

Progettazione parchi e impianti per energie rinnovabili

STUDIO INGEGNERIA ELETTRICA
MEZZINA dott. ing. Antonio
Via T. Solis 128 | 71016 San Severo (FG)
Tel. 0882.228072 | Fax 0882.243651
e-mail: info@studiomezzina.net
Ordine degli ingegneri della Provincia di Foggia matr. n 1604

Studi e progetti per la tutela ambiente naturale

Dott. Biol. Leonardo Beccarisi
Via D'Enghien, 43 - 73013 Galatina (LE)
cell. : 3205709850
E-Mail: beccarisi@gmail.com
Ordine nazionale dei Biologi Albo-Sezione matr. n. AA_067313

Studio paesaggistico

Dott. Biol. Elisa Gatto
Via S. Santo, 22 | 73044 Galatone (LE)
cell. : 3283433025
E-Mail: dottelisagatto@gmail.com
Ordine nazionale dei Biologi matr.n. AA_090001

Studio naturalistico

Dott.ssa Anastasia Agnoli
Via Armando Diaz, 37 | 73100 Lecce (LE)
cell. : 3515100328
E-Mail: anastasia.agnoli989@gmail.com

Studio agronomico

Dott. Agr. Barnaba Marinosci
via Plebla 19, 73040 Alliste (LE)
Cell. 329.3620201
E-Mail: barnabamarinosci@gmail.com
Ordine dei Dottori Agronomi e Forestali provincia di Lecce matr. n 674

Studio Archeologico

Dott. Antonio Feola
Via Civitella n°25 | 84060 Moio della Civitella (SA)
cell. : 338 2593282
E-Mail: feolaing@gmail.com
Ordine Nazionale dei Biologi matr. n . AA_047004

Rappresentante Valutazione

Arch. Gaetano Fornarelli
Via Fulcognano Casale 17 | 73100 Lecce (LE)
cell. : 3358758545
E-Mail: forgae@gmail.com
Ordine degli Architetti della provincia di Lecce matr. n 1739

Studio Archeologico

NOSTOI s.r.l.
Dott.ssa Maria Grazia Liseno
Tel. 0972.081293 | Fax 0972.83694
E-Mail: mgliseno@nostoisrl.it
Elenco Nazionale Archeologo Fascia I matr n. 1646

Consulenza ambiente

Ing. Tommaso Monaco
Tel. 0885.429850 | Fax 0885.050405
E-Mail: ing.tommaso@studiotecnicomonaco.it
Ordine degli Ingegneri della provincia di Foggia matr. n. 2906

Studio acustico

STUDIO FALCONE Ingegneria
Ing. Antonio Falcone
Tel. 0884.534378 | Fax. 0884.534378
E-Mail: antonio.falcone@studiofalcone.eu
Ordine degli Ingegneri di Foggia matr. n.2100

Consulenza agronomica

Geom. Matteo Occhiochiuso
Tel. 328.9616292
E-Mail: matteo.occhiochiuso@virgilio.it
Collegio del Circondariale Geometri e Geometri Laureati di Lucera matr. n. 1101

Studio tecnico geologico

Dott. Nazario Di Lella
Tel./Fax 0882.991704 | cell. 328.3250902
E-Mail: geol.dilella@gmail.com
Ordine regionale dei Geologi della Puglia matr. n. 345

Opera

Progetto definitivo per la realizzazione di un impianto Fotovoltaico denominato "Apricena Industriale" da realizzarsi su aree industriali e cave nelle località "Podere Camilli - Tufara - San Giovanni - San Sabino", nel territorio comunale di Apricena (FG) per una potenza complessiva di 121,023 MWp e immissione di 96,300 MW, nonchè delle opere connesse ed infrastrutture indispensabili alla costruzione e all'esercizio dell'impianto nei comuni di Apricena (FG) e San Severo (FG)

AUTORITA' PROCEDENTE V.I.A. :	MINISTERO DELL'AMBIENTE E DELLA SICUREZZA ENERGETICA	AUTORITA' PROCEDENTE A.U. :	REGIONE PUGLIA

Oggetto

Nome Elaborato: P7MVN25_ElaboratoGrafico_08.pdf

Descrizione Elaborato: Schema elettrico collegamenti distribuzione lato DC

Rev.	Data	Oggetto della revisione	Elaborazione	Verifica	Approvazione
00	Novembre 2022	Progetto definitivo	Ing. M. Di Stefano	Ing. A. Mezzina	AM ENERGY S.R.L.

Scala:

Formato:

Codice Pratica: P7MVN25