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YIELD-Production References GREECE 2020-2021

(non S100-SR version)

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	Gousios
Location:	Megalochori / Trikala
Country/Region:	Greece
Longitude:	37°35'32" North
Latitude:	21°46'4" East

System configuration:

Rated installation output:	19,8 kWp
Number of trackers	18 x TT8,5
Number of modules	90 X aleo S16
Number of inverters	3 X SMA17000TL
Installer	Green Project AE ΦΒ

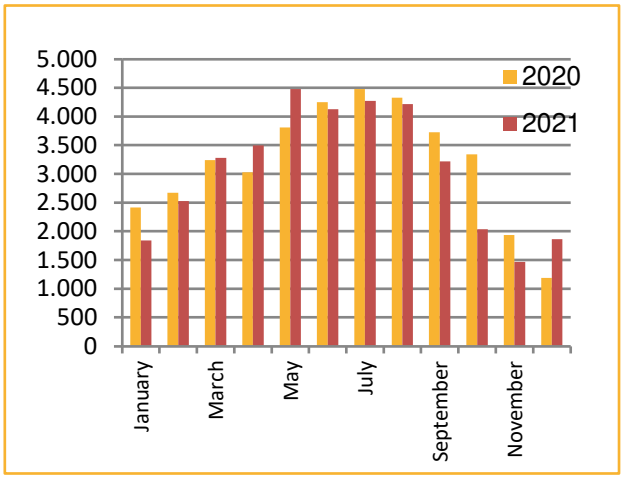
Connected to Grid since 2009

Production period

JANUARY 2020 - DECEMBER 2021

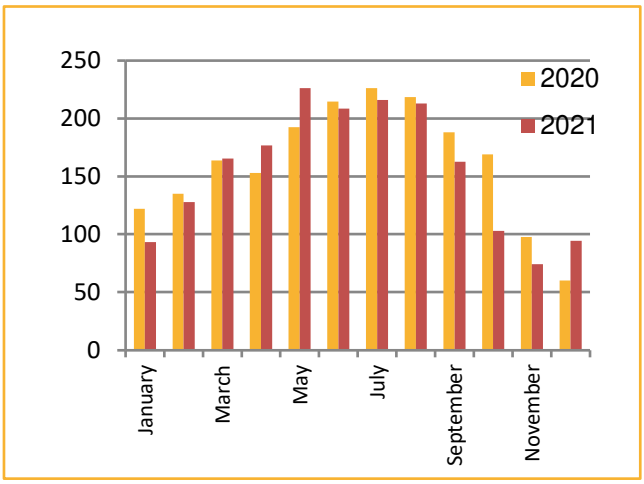
	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	2413,59	121,90	1843,51	93,11
February	2670,08	134,85	2529,29	127,74
March	3241,64	163,72	3276,55	165,48
April	3028,64	152,96	3496,86	176,61
May	3808,51	192,35	4478,19	226,17
June	4251,19	214,71	4129,48	208,56
July	4475,73	226,05	4273,63	215,84
August	4325,13	218,44	4215,09	212,88
September	3725,41	188,15	3217,14	162,48
October	3343,22	168,85	2035,47	102,80
November	1933,73	97,66	1466,46	74,06
December	1189,39	60,07	1865,71	94,23
TOTAL	**38406,26**	**1939,71**	**36827,38**	**1859,97**

19,80 kW



Total production graph

% difference : -4,29%



Production performance: kWh/kWp

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification: BRIGHT TOP TRACKER

Location: AXARNAI
Country/Region: Greece
Longitude: 38°3'55"North
Latitude: 23°44'20" East

System configuration:

Rated installation output: 19,88 kWp

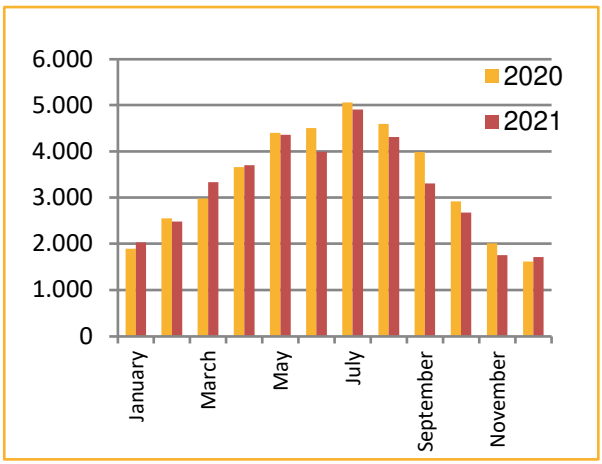
Number of trackers 17XKNTT8.5
Number of modules 75 X Yingli 265
Number of inverters 2XSMA ST 10000TL-10

Connected to Grid since 2012

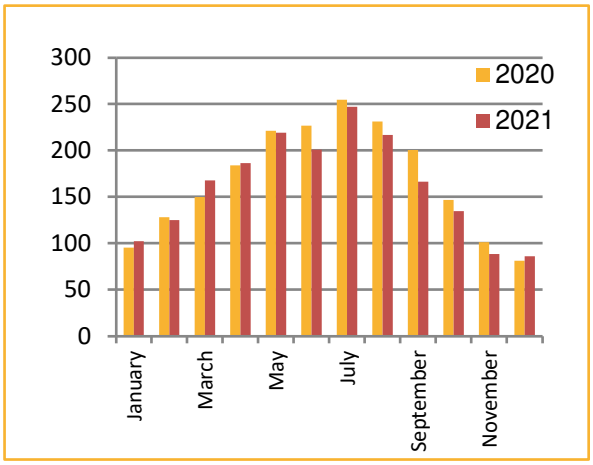
Production period
JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	1894	95,27	2031,6	102,19
February	2547,01	128,12	2480,61	124,78
March	2979,16	149,86	3336,02	167,81
April	3656,93	183,95	3700,98	186,17
May	4396,77	221,17	4356,74	219,15
June	4504,12	226,57	3989,81	200,69
July	5060,98	254,58	4907,86	246,87
August	4591,07	230,94	4309,27	216,76
September	3982,05	200,30	3304,45	166,22
October	2915,19	146,64	2675,66	134,59
November	2012,49	101,23	1756,19	88,34
December	1615,08	81,24	1709,95	86,01
TOTAL	**40154,85**	**2019,86**	**38559,14**	**1939,59**

19,88 kW



Total production graph **% difference :** **-4,14%**



Production performance: kWh/kWp

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	Gousios
Location:	Trikala
Country/Region:	Greece
Longitude:	39°33'20" North
Latitude:	21°46'4" East

System configuration

Rated installation output:	99,84 kWp
Number of trackers	18XTT40NT
Number of modules	aleo S_18 (230 W)
Number of inverters	9 x Sunny Mini Central 11000TL
Installer	Green Project

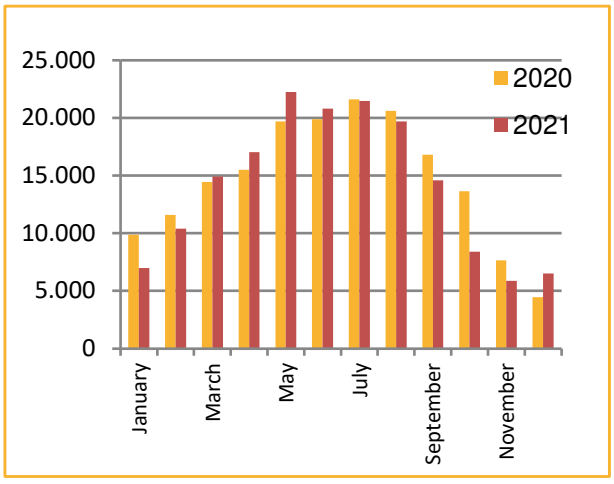
Connected to Grid since 2010

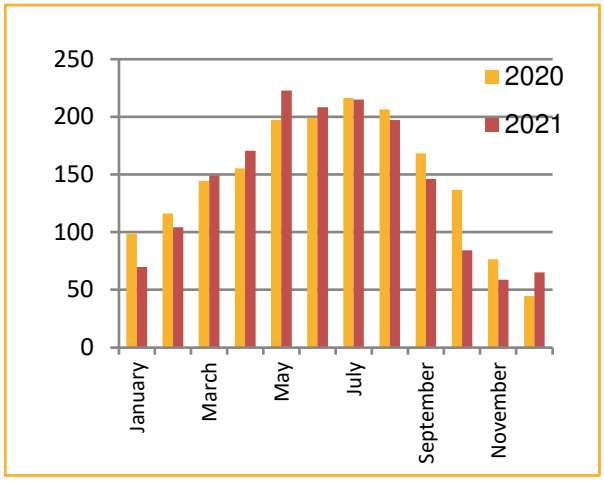
Production period

JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	9860,00	98,76	6970,00	69,81
February	11590,00	116,09	10390,00	104,07
March	14430,00	144,53	14900,00	149,24
April	15490,00	155,15	17030,00	170,57
May	19680,00	197,12	22230,00	222,66
June	19890,00	199,22	20790,00	208,23
July	21610,00	216,45	21450,00	214,84
August	20610,00	206,43	19680,00	197,12
September	16800,00	168,27	14580,00	146,03
October	13640,00	136,62	8400,00	84,13
November	7630,00	76,42	5850,00	58,59
December	4440,00	44,47	6490,00	65,00

99,84 kW





Total production graph **% difference** **-4,09%** **Production perfomance: kWh/kWp**

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	ΤΣΕΡΕΠΑΣ ΠΑΝΑΓΙΩΤΗΣ & ΣΙΑ Ο.Ε.
Location:	SOFO TRIKALA
Country/Region:	Greece
Longitude:	35°12'31" North
Latitude:	26°6'18" East

System configuration:

Rated installation output:	99,96 kWp
Number of trackers	21x5000NT
Number of modules	445 X Schueco 225Wp
Number of inverters	7 x Sunny Tripower 15000TL-10
Installer	THAROS Φωτοβολταϊκά

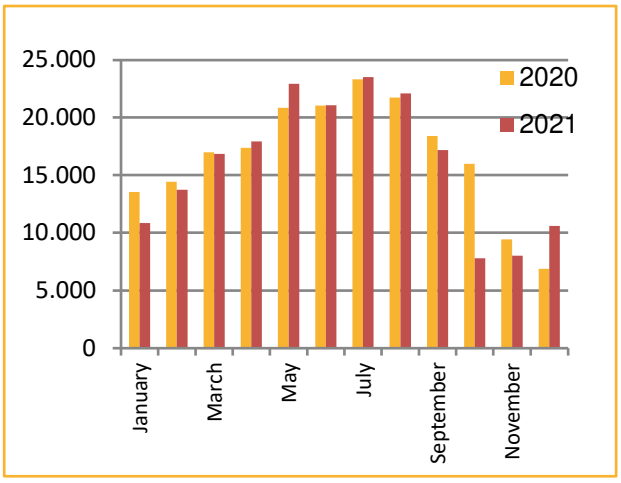
Connected to Grid since 2012

Production period

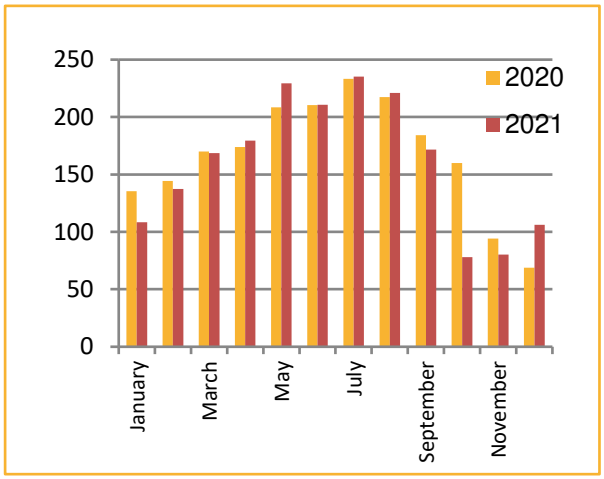
JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	13540,00	135,45	10840,00	108,44
February	14420,00	144,26	13730,00	137,35
March	16980,00	169,87	16840,00	168,47
April	17380,00	173,87	17930,00	179,37
May	20830,00	208,38	22920,00	229,29
June	21030,00	210,38	21070,00	210,78
July	23320,00	233,29	23500,00	235,09
August	21730,00	217,39	22100,00	221,09
September	18400,00	184,07	17170,00	171,77
October	15990,00	159,96	7790,00	77,93
November	9420,00	94,24	8020,00	80,23
December	6870,00	68,73	10610,00	106,14
TOTAL	**199910,00**	**1999,90**	**192520,00**	**1925,97**

99,96 kW



Total production graph



% difference : -3,84%

Production performance: kWh/kWp

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification: Markopoulos
Location: Neohori / Trikala
Country/Region: Greece
Longitude: 35°12'31" North
Latitude: 26°6'18" East

System configuration:

Rated installation output: 20,7 kWp
Number of trackers 3x7000NT
Number of modules 90 x aleo s19_230Wp
Number of inverters 3 x Sunny Mini Central 7000TL
Installer Green Project

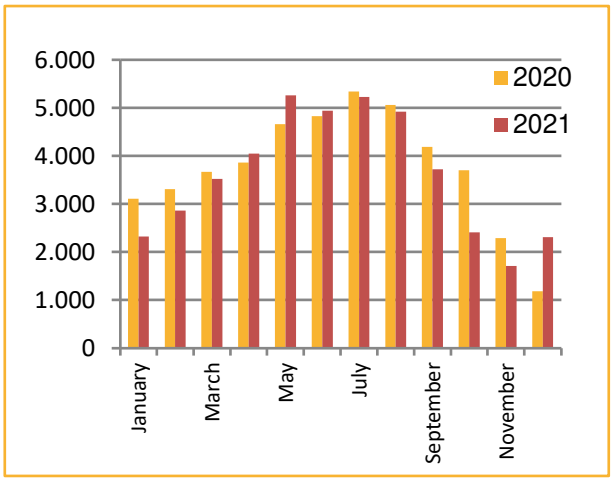
Connected to Grid since 2011

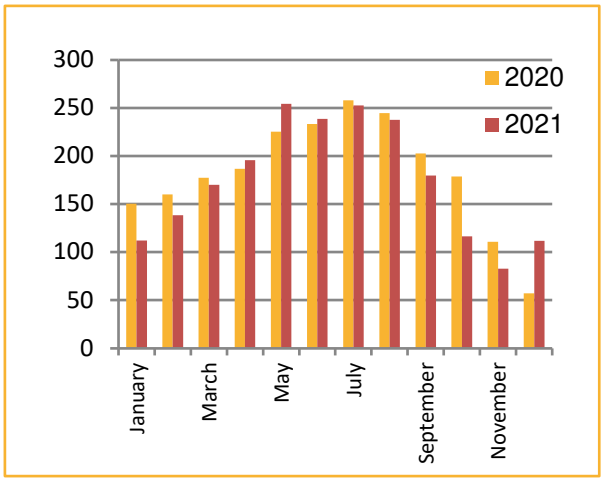
Production period

JANUARY 2020 - DECEMBER 2021

Month	2020 kWh total	2020 kWh/kWp	2021 kWh total	2021 kWh/kWp
January	3110,00	150,24	2320,00	112,08
February	3310,00	159,90	2860,00	138,16
March	3670,00	177,29	3520,00	170,05
April	3860,00	186,47	4050,00	195,65
May	4660,00	225,12	5260,00	254,11
June	4830,00	233,33	4940,00	238,65
July	5340,00	257,97	5230,00	252,66
August	5060,00	244,44	4920,00	237,68
September	4190,00	202,42	3720,00	179,71
October	3700,00	178,74	2410,00	116,43
November	2290,00	110,63	1710,00	82,61
December	1180,00	57,00	2310,00	111,59
TOTAL	**45200,00**	**2183,57**	**43250,00**	**2089,37**

19,78 kWp





Total production graph **% difference :** **-4,51%** **Production performance: kWh/kWp**

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	Rizoulis
Location:	Dimitra Agias / Larissa
Country/Region:	Greece
Longitude:	39°41'17" North
Latitude:	22°37'53" East

System configuration:

Rated installation output:	98,7 kWp
Number of trackers	10X9000NT
Number of modules	Sanyo HIT-N235SE10
Number of inverters	10 x Sunny Tripower 10000TL-10
Installer	ENSTRUCT

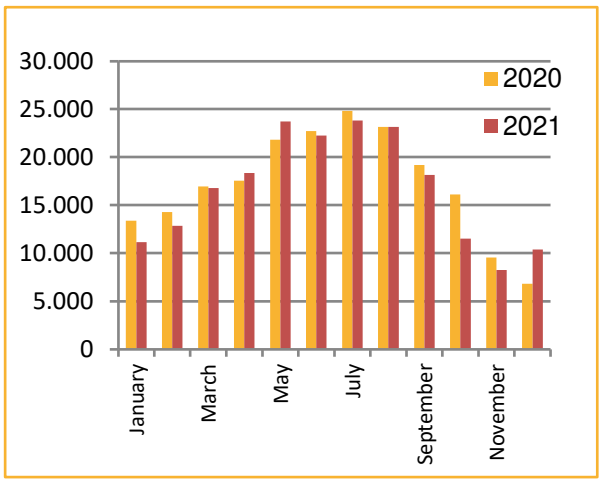
Connected to Grid since 2012

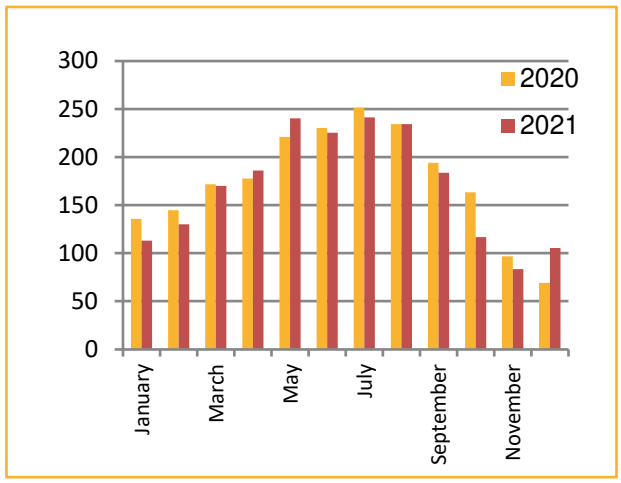
Production period

JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	13380,00	135,56	11160,00	113,07
February	14280,00	144,68	12840,00	130,09
March	16950,00	171,73	16770,00	169,91
April	17550,00	177,81	18360,00	186,02
May	21820,00	221,07	23720,00	240,32
June	22720,00	230,19	22240,00	225,33
July	24790,00	251,17	23820,00	241,34
August	23140,00	234,45	23140,00	234,45
September	19160,00	194,12	18130,00	183,69
October	16110,00	163,22	11530,00	116,82
November	9560,00	96,86	8240,00	83,49
December	6820,00	69,10	10390,00	105,27
TOTAL	**206.280**	**2.090**	**200.340**	**2.030**

98,7 kW





Total production graph **% difference** **-2,96%**

Production performance: kWh/kWp

...More Sun for the Money

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	ENSTRUCT GROUSOPOULOS
Location:	Melisohori /Larissa
Country/Region:	Greece
Longitude:	22°29'56" East
Latitude:	39°37'54" North

System configuration:

Rated installation output:	99,36 kWp
Number of trackers	10X9000NT
Number of modules	S-Energy SM-240PA8
Number of inverters	10 x Sunny Tripower 10000TL-10
Installer	ENSTRUCT

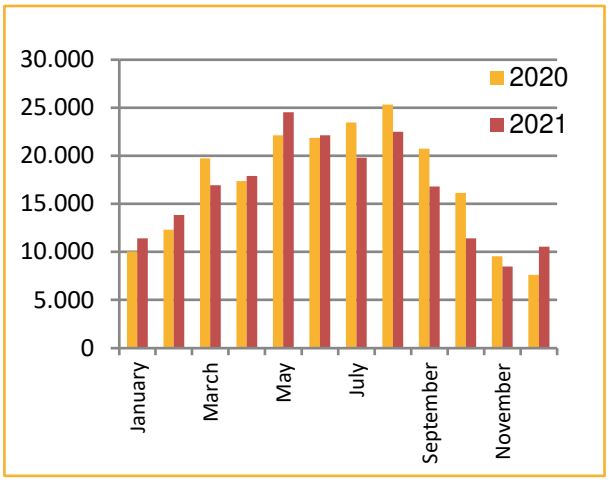
Connected to Grid Since 2012

Production period

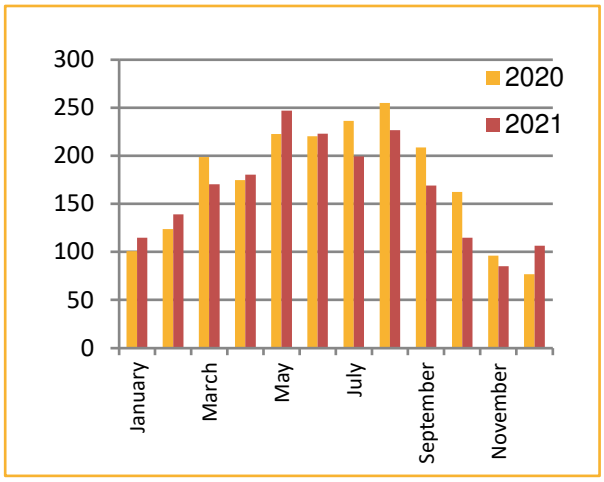
JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	10030,00	100,95	11420,00	114,94
February	12300,00	123,79	13830,00	139,19
March	19730,00	198,57	16930,00	170,39
April	17360,00	174,72	17910,00	180,25
May	22140,00	222,83	24550,00	247,08
June	21880,00	220,21	22150,00	222,93
July	23480,00	236,31	19800,00	199,28
August	25330,00	254,93	22520,00	226,65
September	20730,00	208,64	16810,00	169,18
October	16150,00	162,54	11410,00	114,83
November	9560,00	96,22	8470,00	85,25
December	7620,00	76,69	10560,00	106,28
TOTAL	**206310,00**	**2076,39**	**196360,00**	**1976,25**

99,36 kW



Total production graph **% difference :** **-5,07%**



Production performance: kWh/kWp

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	Diamantopoulos 445
Location:	Andragousta
Country/Region:	Greece
Longitude:	38°6'57" North
Latitude:	21°57'8" East

System configuration:

Rated installation output:	19,92 kWp
Number of trackers	2X9000NT
Number of modules	aleo S_19 (240W)
Number of inverters	2 x Sunny Tripower 10000TL-10
Installer	PV-Tech

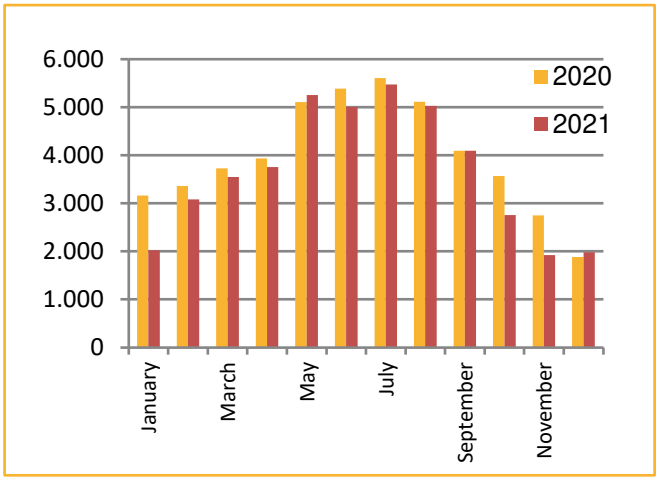
Connected to Grid since 2012

Production period

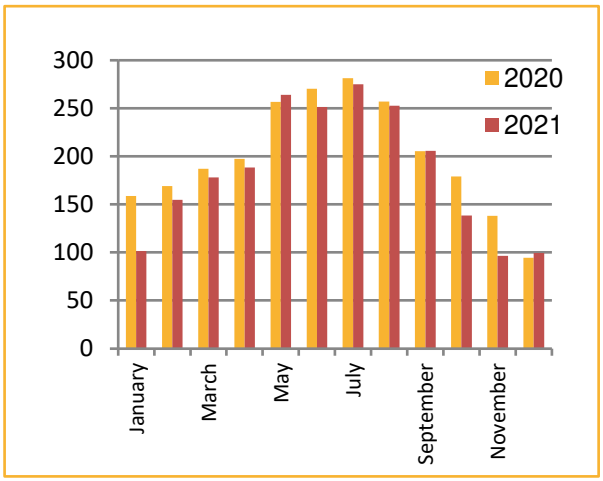
JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	3158,13	158,54	2019,77	101,39
February	3361,78	168,76	3080,93	154,67
March	3725,76	187,04	3544,67	177,95
April	3929,82	197,28	3751,99	188,35
May	5108	256,43	5253,43	263,73
June	5385,11	270,34	5004,52	251,23
July	5603,69	281,31	5472,62	274,73
August	5114,36	256,74	5028,82	252,45
September	4089,51	205,30	4091,88	205,42
October	3565,08	178,97	2751,93	138,15
November	2746,13	137,86	1919,31	96,35
December	1880,19	94,39	1978,36	99,32
TOTAL	**47667,56**	**2392,95**	**43898,23**	**2203,73**

19,92 kW



Total production graph



Production performance: kWh/kWp

difference : -8,59%

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification: Avelion
Location: Amphilochia
Country/Region: Greece
Longitude: 38°51'48" North
Latitude: 21°57'8" East

System configuration:

Rated installation output: 99,96 kWp
Number of trackers 11 X 9000 NT
Number of modules 408 x aleo S_19 (245W)
Number of inverters 6 x Sunny Tripower 17000TL-10

Installer AVELION

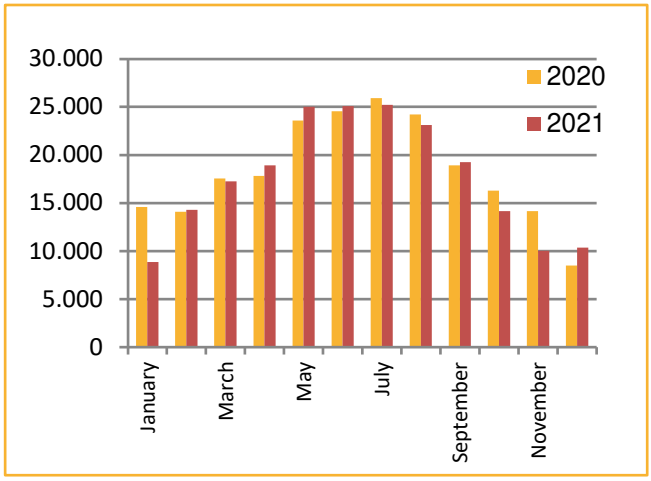
Connected to Grid since 2012

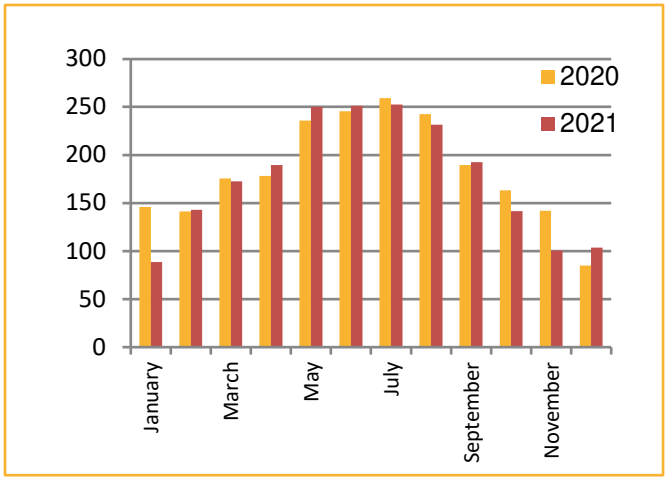
Production period
JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	14580,00	145,86	8850,00	88,54
February	14100,00	141,06	14280,00	142,86
March	17540,00	175,47	17240,00	172,47
April	17820,00	178,27	18930,00	189,38
May	23580,00	235,89	25000,00	250,10
June	24540,00	245,50	25090,00	251,00
July	25910,00	259,20	25230,00	252,40
August	24230,00	242,40	23130,00	231,39
September	18930,00	189,38	19240,00	192,48
October	16300,00	163,07	14140,00	141,46
November	14170,00	141,76	10040,00	100,44
December	8480,00	84,83	10360,00	103,64

TOTAL	**220180,00**	**2202,68**	**211530,00**	**2116,15**

99,54 kW





Total production graph **difference :** **-4,09%** **Production performance: kWh/kWp**

...More Sun for the Money

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	KAZENERGY ΙΑΣΜΟΣ-ΚΟΠΤΕΡΟ
Location:	Komotini
Country/Region:	Greece
Longitude:	45°07'08" North
Latitude:	25°07'17" East

System configuration:

Rated installation output:	99,88 kWp
Number of trackers	15 X 7000 NT
Number of modules	434 x Sunways SM210U - 230wp
Number of inverters	15 x Sunny Mini Central 7000TL
Installer	KAZENERGY

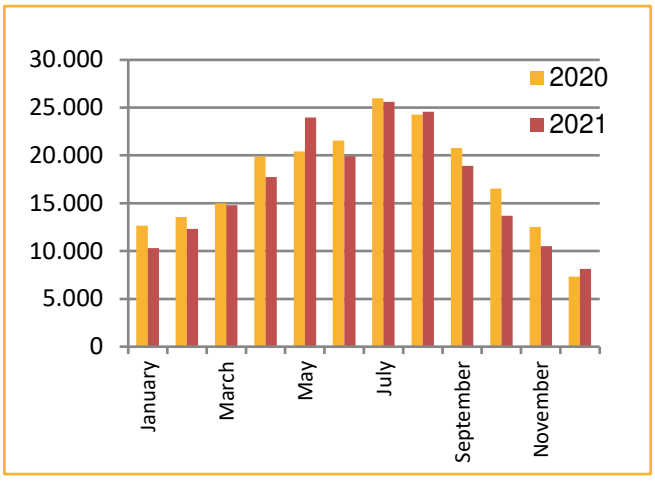
Connected to Grid since 2009

Production period

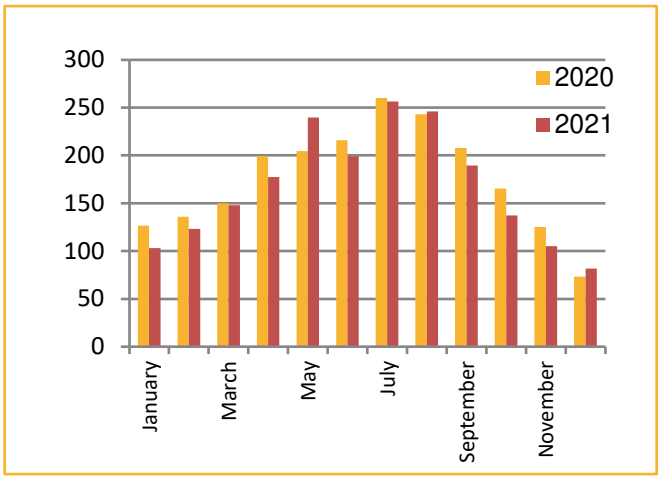
JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	12630,00	126,45	10300,00	103,12
February	13550,00	135,66	12310,00	123,25
March	14980,00	149,98	14780,00	147,98
April	19870,00	198,94	17720,00	177,41
May	20410,00	204,35	23940,00	239,69
June	21550,00	215,76	19890,00	199,14
July	25960,00	259,91	25590,00	256,21
August	24260,00	242,89	24570,00	246,00
September	20760,00	207,85	18900,00	189,23
October	16520,00	165,40	13690,00	137,06
November	12500,00	125,15	10500,00	105,13
December	7320,00	73,29	8140,00	81,50
TOTAL	**210310,00**	**2105,63**	**200330,00**	**2005,71**

99,88 kW



Total production graph **difference :** **-4,98%**



Production performance: kWh/kWp

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	ΓΕΩΡΓΑΝΤΑ ΕΥΑΓΓΕΛΙΑ
Location:	Argolida
Country/Region:	Greece
Longitude:	37°39'27" North
Latitude:	22°47'34" East

System configuration:

Rated installation output:	100 kWp
Number of trackers	10 X 9000 NT
Number of modules	400 X Axitec AC-250M/156-60S
Number of inverters	10 x Sunny Tripower 10000TL-10
Installer	Γ.Μάρας & Χ.Ντάφλος ΟΕ GreenVolt

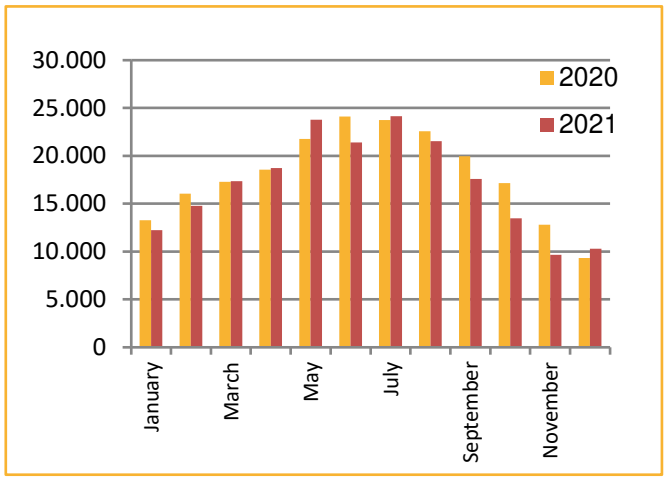
Connected to Grid since 2012

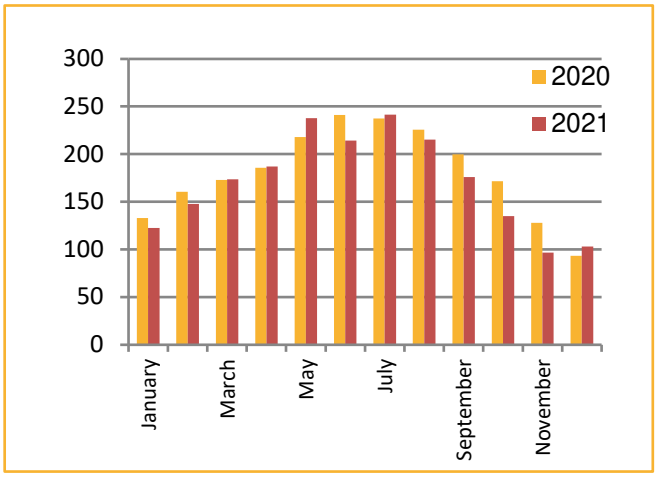
Production period

JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	13270,00	132,70	12240,00	122,40
February	16040,00	160,40	14770,00	147,70
March	17270,00	172,70	17350,00	173,50
April	18550,00	185,50	18710,00	187,10
May	21770,00	217,70	23770,00	237,70
June	24110,00	241,10	21400,00	214,00
July	23730,00	237,30	24150,00	241,50
August	22570,00	225,70	21530,00	215,30
September	19970,00	199,70	17600,00	176,00
October	17150,00	171,50	13470,00	134,70
November	12790,00	127,90	9640,00	96,40
December	9320,00	93,20	10300,00	103,00
TOTAL	**216540,00**	**2165,40**	**204930,00**	**2049,30**

100 kW





Total production graph **difference :** **-5,67%** **Production performance: kWh/kWp**

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	HELIDA ENEPΓEIAKH AE_3
Location:	Molaoi Lakonias
Country/Region:	Greece
Longitude:	36°48'15" North
Latitude:	22°51'18" East

System configuration:

Rated installation output:	99,68 kWp
Number of trackers	18 X 5000 NT
Number of modules	356 X Suntech STP280-24/Vb
Number of inverters	18 x Sunny Boy 5000TL-20
Installer	ECOSOL

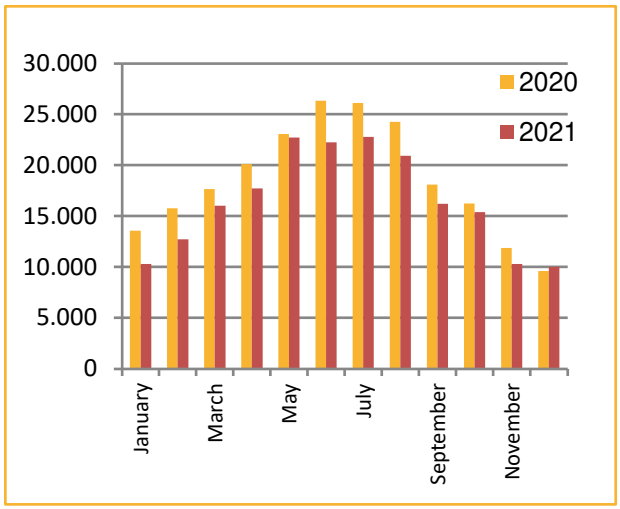
Connected to Grid since 2009

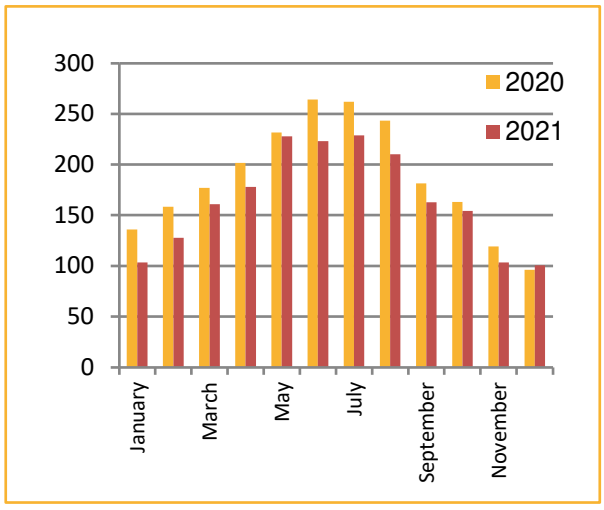
Production period

JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	13560,00	136,04	10300,00	103,33
February	15770,00	158,21	12720,00	127,61
March	17650,00	177,07	16030,00	160,81
April	20090,00	201,54	17720,00	177,77
May	23070,00	231,44	22700,00	227,73
June	26340,00	264,25	22240,00	223,11
July	26100,00	261,84	22790,00	228,63
August	24240,00	243,18	20930,00	209,97
September	18080,00	181,38	16220,00	162,72
October	16250,00	163,02	15390,00	154,39
November	11870,00	119,08	10300,00	103,33
December	9600,00	96,31	10010,00	100,42
TOTAL	**222620,00**	**2233,35**	**197350,00**	**1979,84**

99,88 kW





Total production graph **difference :** **-12,80%**

Production performance: kWh/kWp

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	Kolovos ENERGY
Location:	Kokkoni / Korinthia
Country/Region:	Greece
Longitude:	37°56'19" North
Latitude:	22°55'56" East

System configuration:

Rated installation output:	197 kWp
Number of trackers	21 x 7000 NT
Number of modules	756 x Suntech STP 275-24/v
Number of inverters	30 x Sunny Mini Central 7000TL
Installer	Supportech Energy Θεόφιλος Ιατρού

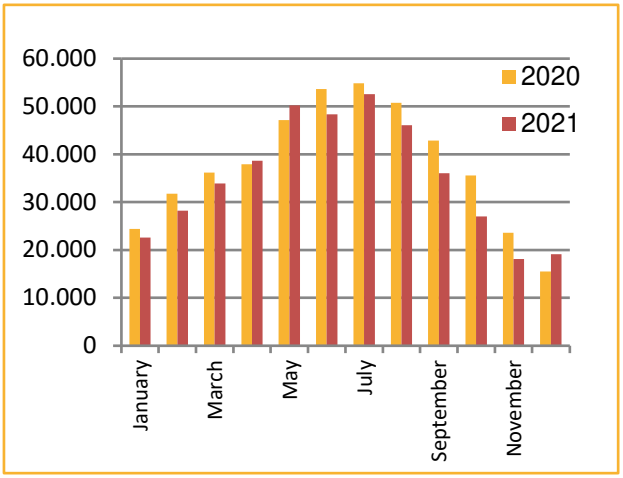
Production period

JANUARY 2020 - DECEMBER 2021

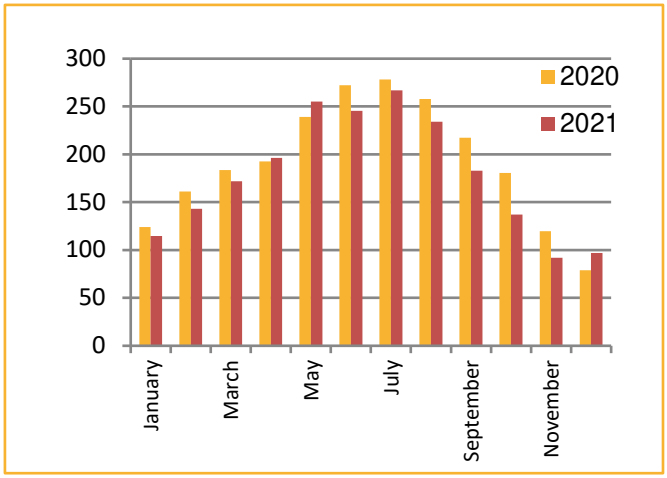
Connected to Grid since 2010

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	24430,00	124,01	22590,00	114,67
February	31750,00	161,17	28220,00	143,25
March	36170,00	183,60	33880,00	171,98
April	37940,00	192,59	38640,00	196,14
May	47130,00	239,24	50240,00	255,03
June	53610,00	272,13	48370,00	245,53
July	54820,00	278,27	52590,00	266,95
August	50780,00	257,77	46110,00	234,06
September	42850,00	217,51	36020,00	182,84
October	35580,00	180,61	26990,00	137,01
November	23580,00	119,70	18080,00	91,78
December	15510,00	78,73	19120,00	97,06
TOTAL	**454150,00**	**2305,33**	**420850,00**	**2136,29**

200 kW



Total production graph **% difference :** **-7,91%**



Production performance: kWh/kWp

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification: Kolovos ENERGY
Location: Stimaga/ Korinthia
Country/Region: Greece
Longitude: 37°54'35" North
Latitude: 22°41'59" East

System configuration:

Rated installation output: 100
Number of trackers 10 X 9000 NT
Number of modules 420 x SUNTECH STP 280-24/Vd
Number of inverters 9 x Sunny Mini Central 11000TL
Sunny Tripower 10000TL-10

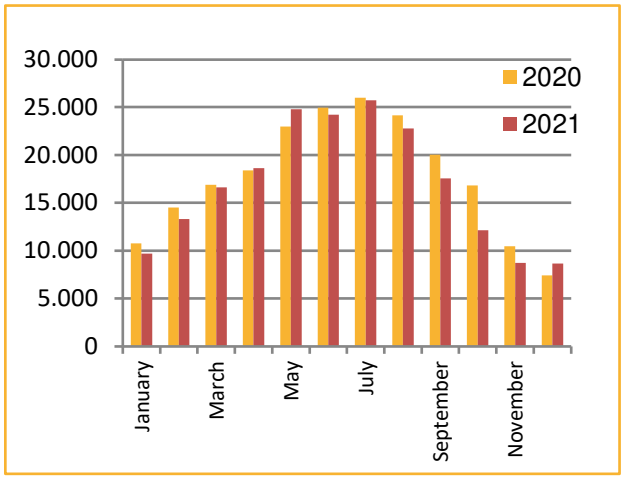
Installer Θεόφιλος Ιατρού
Supportech Energy

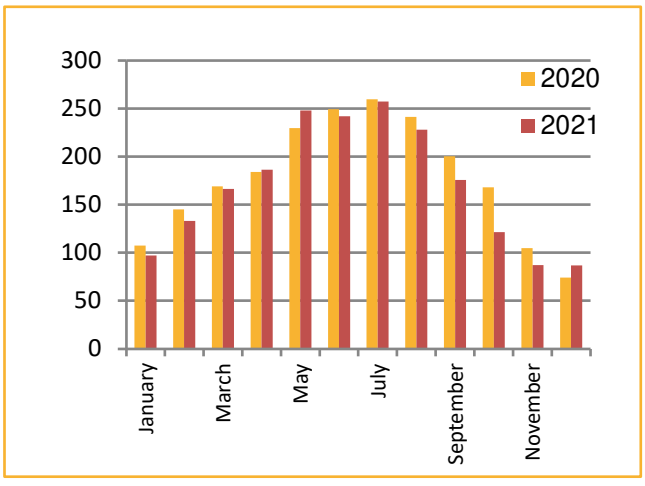
Production period
JANUARY 2020 - DECEMBER 2021

Connected to Grid since 2011

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	10750,00	107,50	9710,00	97,10
February	14500,00	145,00	13300,00	133,00
March	16900,00	169,00	16630,00	166,30
April	18400,00	184,00	18630,00	186,30
May	22980,00	229,80	24790,00	247,90
June	24940,00	249,40	24200,00	242,00
July	25980,00	259,80	25730,00	257,30
August	24140,00	241,40	22790,00	227,90
September	20040,00	200,40	17570,00	175,70
October	16810,00	168,10	12130,00	121,30
November	10470,00	104,70	8710,00	87,10
December	7430,00	74,30	8670,00	86,70
TOTAL	**213340,00**	**2133,40**	**202860,00**	**2028,60**

100 kW





Total production graph **% difference :** **-5,17%** **Production performance: kWh/kWp**

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	Koromplis
Location:	Pyrgos / Ilia
Country/Region:	Greece
Longitude:	37°40'30" North
Latitude:	21°26'27" East

System configuration:

Rated installation output:	100 kWp
Number of trackers	10x9000NT
Number of modules	526 x Gruene 190wp
Number of inverters	10 x kostal Piko10.1
Installer	Neon Energy

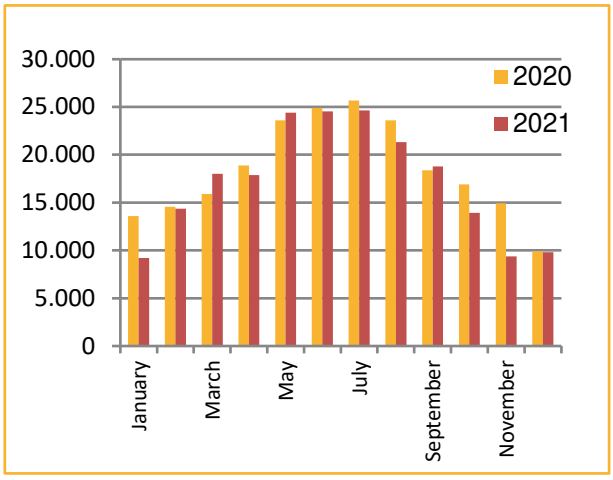
Connected to Grid since 2012

Production period

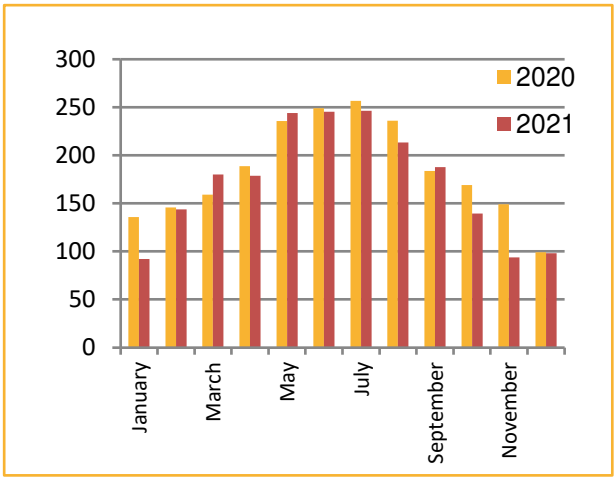
JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	13571,00	135,71	9200,00	92,00
February	14558,00	145,58	14368,00	143,68
March	15906,00	159,06	17995,00	179,95
April	18860,00	188,60	17851,00	178,51
May	23569,00	235,69	24397,00	243,97
June	24902,00	249,02	24522,00	245,22
July	25669,00	256,69	24632,00	246,32
August	23577,00	235,77	21322,00	213,22
September	18360,00	183,60	18774,00	187,74
October	16902,00	169,02	13917,00	139,17
November	14910,00	149,10	9382,00	93,82
December	9917,00	99,17	9804,00	98,04
TOTAL	**220701,00**	**2207,01**	**206164,00**	**2061,64**

100 kW



Total production graph **% difference :** **-7,05%**



Production performance: kWh/kWp

DEGER Trackers production yields 2020-2021

Basic installation data:

Solar plant identification:	Kouroukafopoulos
Location:	Rizomylos / Magnesia
Country/Region:	Greece
Longitude:	39°25'51.45" North
Latitude:	22°43'10.56" East

System configuration:

Rated installation output:	99,91 kWp
Number of trackers	10 x S100
Number of modules	340 x RISEN 240Wp, 108 Solar Frontier SF170S-170Wp
Number of inverters	5 x SINVERT 20KW
Installer	ΚΚ ΕΝΕΡΓΕΙΑΚΗ ΟΕ

Connected to Grid since 2013

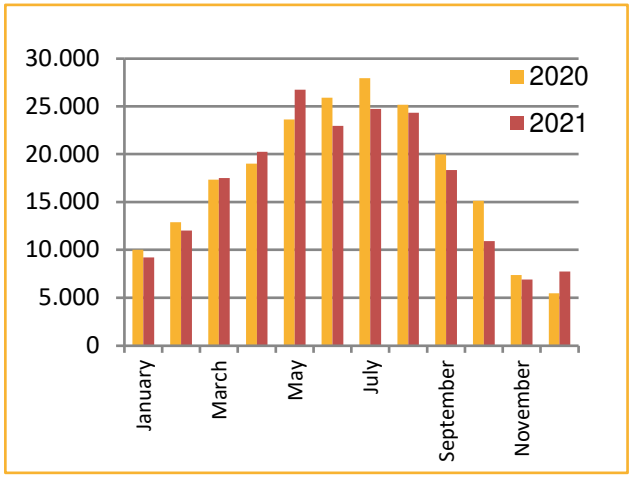
Production period

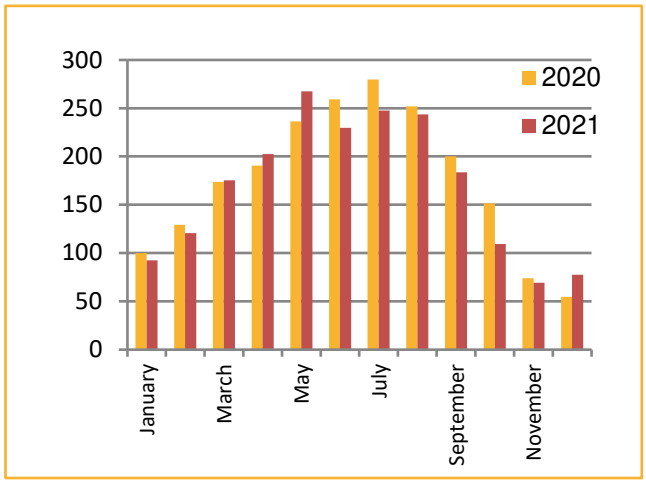
JANUARY 2020 - DECEMBER 2021

	2020		2021	
Month	**kWh total**	**kWh/kWp**	**kWh total**	**kWh/kWp**
January	9995,30	100,04	9207,70	92,16
February	12902,50	129,14	12027,50	120,38
March	17328,70	173,44	17511,30	175,27
April	19025,30	190,42	20237,40	202,56
May	23616,00	236,37	26738,30	267,62
June	25901,90	259,25	22950,80	229,71
July	27955,50	279,81	24746,60	247,69
August	25169,90	251,93	24333,00	243,55
September	19985,50	200,04	18329,90	183,46
October	15114,80	151,28	10906,90	109,17
November	7381,30	73,88	6902,70	69,09
December	5459,30	54,64	7741,70	77,49

TOTAL	**209836,00**	**2100,25**	**201633,80**	**2018,15**

99,91 Kw





Total production graph **difference :** **-4,07%** **Production performance: kWh/kWp**

Notice :

The energy installation was upgraded (from fixed mounting-previous state) to single axis tracking systems S100-DR in July 2017.

All used data within (raw data, pictures, graphs, etc.) were offered by our valuable customers !!!

Best Wishes for Great yields during 2022!!!