

DegerHellas LTD

Energy Systems

169 Great Alexander Street, GR 13562

Agioi Anargyroi, Athens, Greece

T: 211-0127290 E: info@degerhellas.gr

W: www.degerhellas.gr



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

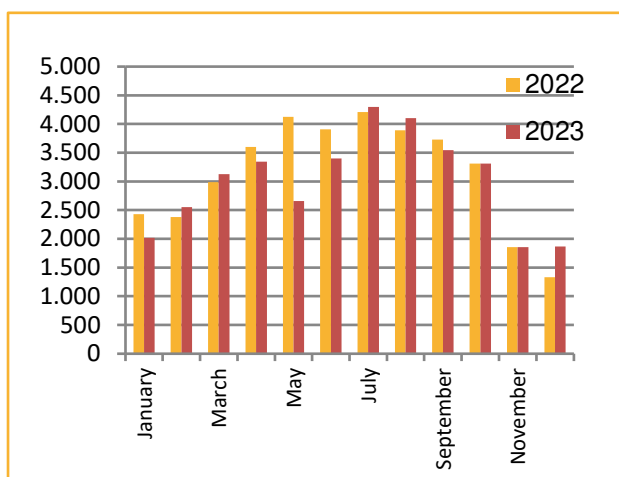
JANUARY 2022 - DECEMBER 2023

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	2430,31	122,74	2014,62	101,75
February	2378,23	120,11	2552,11	128,89
March	2988,39	150,93	3125,38	157,85
April	3599,15	181,78	3345,49	168,96
May	4123,44	208,25	2660,04	134,35
June	3904,95	197,22	3399,28	171,68
July	4206,78	212,46	4296,61	217,00
August	3886,95	196,31	4102,84	207,21
September	3729,31	188,35	3542	178,89
October	3307,44	167,04	3307,44	167,04
November	1852,86	93,58	1852,86	93,58
December	1329,56	67,15	1863,69	94,13

TOTAL	37737,37	1905,93	36062,36	1821,33
--------------	-----------------	----------------	-----------------	----------------

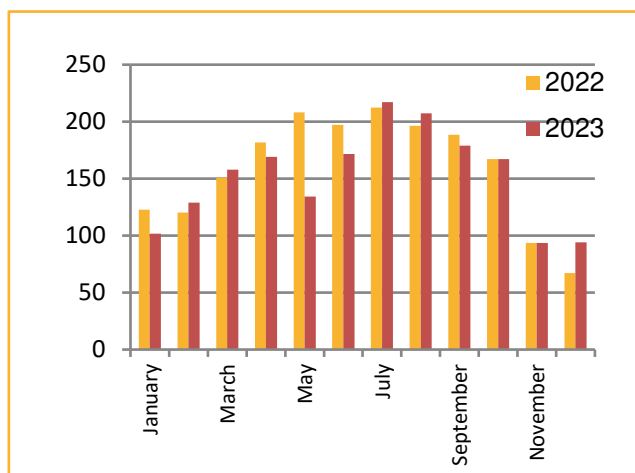


19,80 kW



Total production graph

% difference : -4,64%



Production performance: kWh/kWp

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

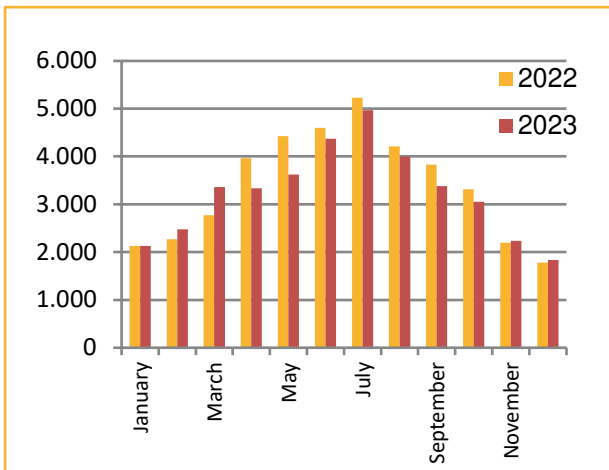
Production period

JANUARY 2022 - DECEMBER 2023

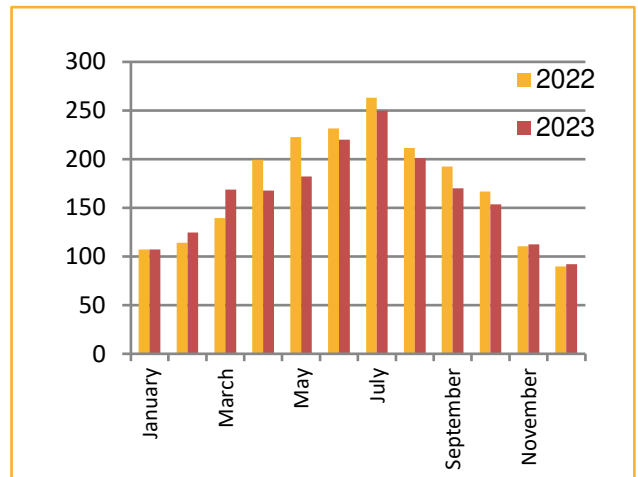
Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	2129,5	107,12	2127,97	107,04
February	2270,04	114,19	2478,49	124,67
March	2770,99	139,39	3356,11	168,82
April	3963,16	199,35	3332,39	167,63
May	4425,6	222,62	3618,58	182,02
June	4599,93	231,38	4370	219,82
July	5226,24	262,89	4964	249,70
August	4205,82	211,56	3994	200,91
September	3825,55	192,43	3381,19	170,08
October	3311,07	166,55	3051,01	153,47
November	2195,83	110,45	2236,11	112,48
December	1782,31	89,65	1832,52	92,18
TOTAL	40706,04	2047,59	38742,37	1948,81



19,88 kW



Total production graph % difference : -5,07%



Production performance: kWh/kWp

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: 19,78 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

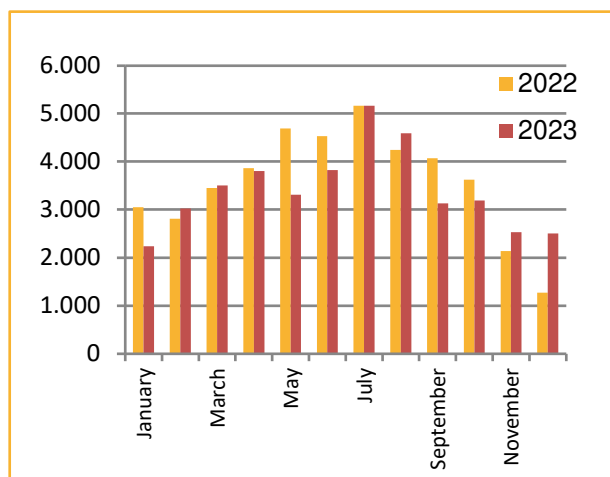
JANUARY 2022 - DECEMBER 2023

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	3050,00	154,20	2240,00	113,25
February	2810,00	142,06	3020,00	152,68
March	3450,00	174,42	3500,00	176,95
April	3860,00	195,15	3800,00	192,11
May	4690,00	237,11	3310,00	167,34
June	4530,00	229,02	3820,00	193,12
July	5160,00	260,87	5160,00	260,87
August	4240,00	214,36	4590,00	232,05
September	4070,00	205,76	3130,00	158,24
October	3620,00	183,01	3190,00	161,27
November	2140,00	108,19	2530,00	127,91
December	1270,00	64,21	2500,00	126,39



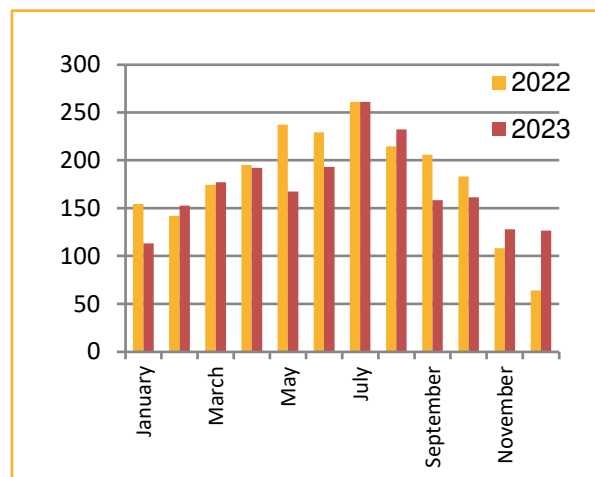
19,78

TOTAL	42890,00	2168,35	40790,00	2062,18
--------------	-----------------	----------------	-----------------	----------------



Total production graph

% difference : -5,15%



Production performance: kWh/kWp

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

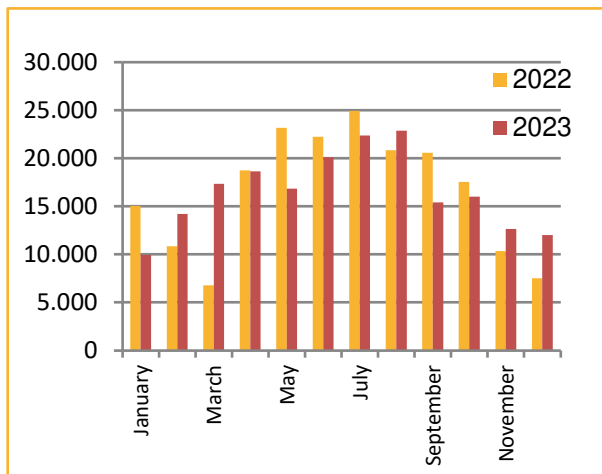
Production period

JANUARY 2022 - DECEMBER 2023

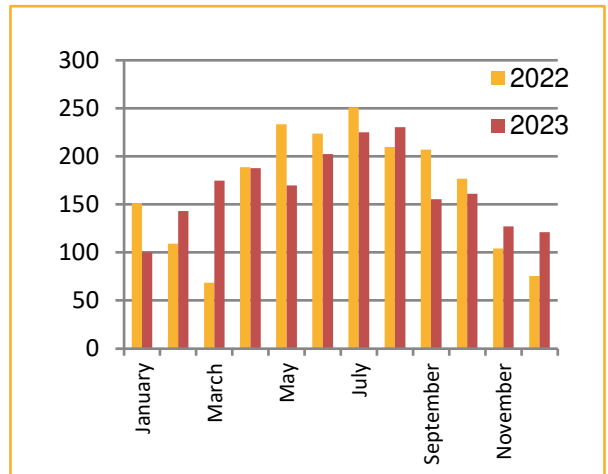
Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	15030,00	151,27	9950,00	100,14
February	10840,00	109,10	14220,00	143,12
March	6790,00	68,34	17340,00	174,52
April	18740,00	188,61	18640,00	187,60
May	23180,00	233,29	16850,00	169,59
June	22230,00	223,73	20100,00	202,29
July	24920,00	250,81	22360,00	225,04
August	20840,00	209,74	22870,00	230,17
September	20570,00	207,02	15420,00	155,19
October	17550,00	176,63	16000,00	161,03
November	10340,00	104,07	12630,00	127,11
December	7500,00	75,48	12020,00	120,97
TOTAL	198530,00	1998,09	198400,00	1996,78



99,36 kW



Total production graph % difference : -0,07%



Production performance: kWh/kWp

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

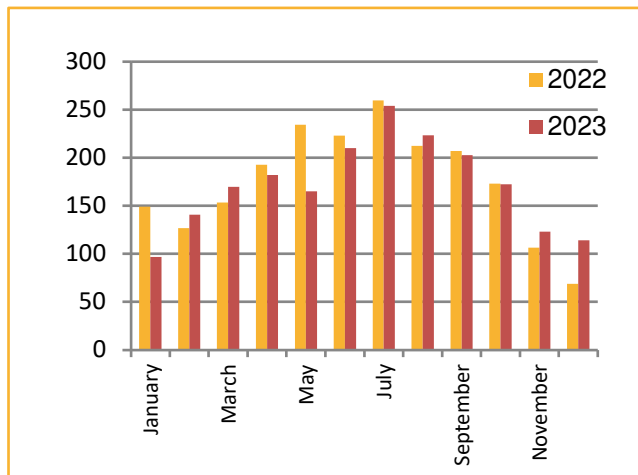
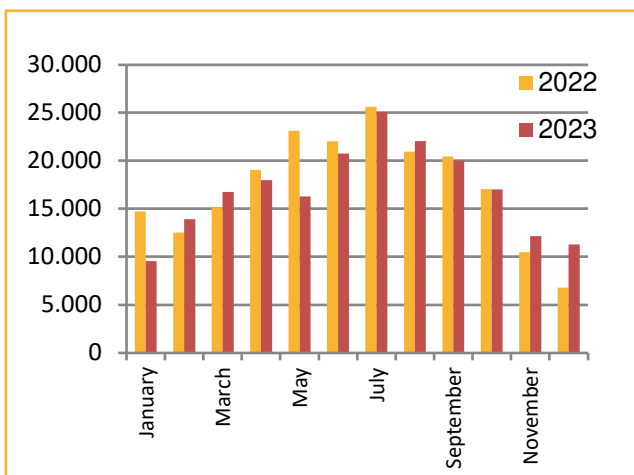
Production period

JANUARY 2022 - DECEMBER 2023

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	14720,00	149,14	9550,00	96,76
February	12510,00	126,75	13900,00	140,83
March	15140,00	153,39	16760,00	169,81
April	19030,00	192,81	17970,00	182,07
May	23120,00	234,25	16270,00	164,84
June	22010,00	223,00	20730,00	210,03
July	25620,00	259,57	25080,00	254,10
August	20950,00	212,26	22050,00	223,40
September	20430,00	206,99	20000,00	202,63
October	17060,00	172,85	17000,00	172,24
November	10490,00	106,28	12150,00	123,10
December	6770,00	68,59	11270,00	114,18
TOTAL	207.850	2.106	202.730	2.054



98,7 kW



Total production graph % difference : -2,53%

Production performance: kWh/kWp

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

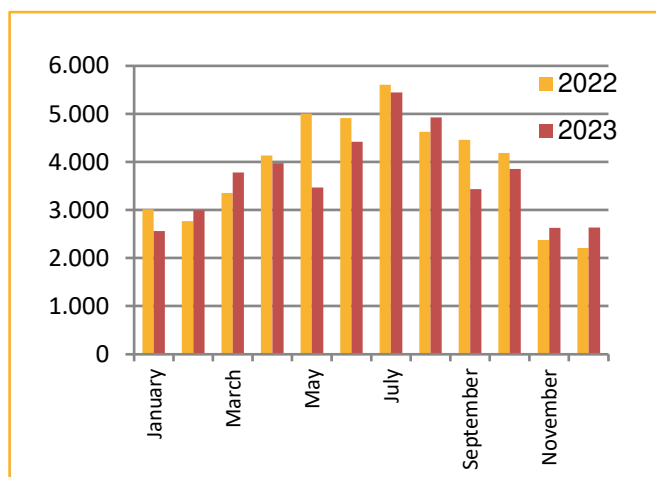
Production period

JANUARY 2022 - DECEMBER 2023

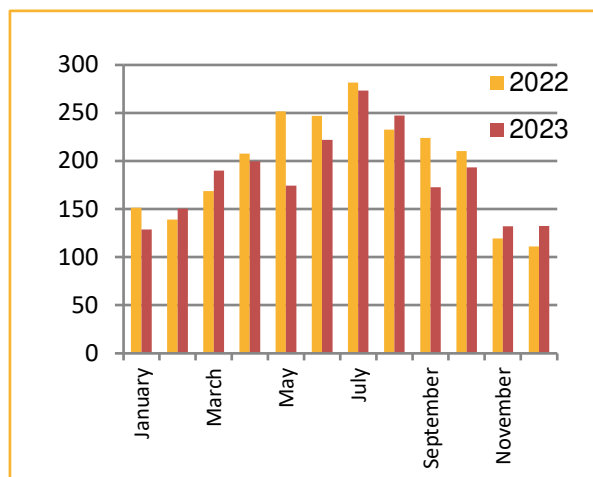
Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	3015,44	151,38	2563,03	128,67
February	2766,55	138,88	2997,27	150,47
March	3356,02	168,47	3783,92	189,96
April	4133,71	207,52	3976,06	199,60
May	5008,51	251,43	3469,3	174,16
June	4916,58	246,82	4423,59	222,07
July	5608,03	281,53	5443,71	273,28
August	4630,1	232,43	4926,14	247,30
September	4462,04	224,00	3436,31	172,51
October	4188,96	210,29	3852,15	193,38
November	2378,21	119,39	2626,53	131,85
December	2211,05	111,00	2636,64	132,36
TOTAL	46675,20	2343,13	44134,65	2215,59



19,92 kW



Total production graph % difference : -5,76%



Production performance: kWh/kWp

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

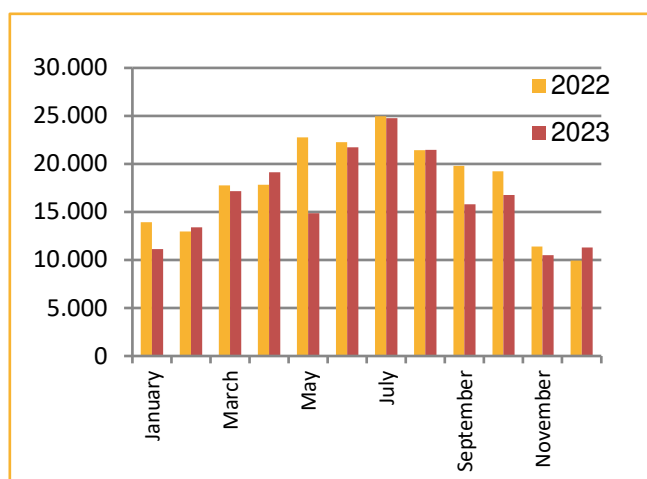
JANUARY 2022 - DECEMBER 2023

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	13920,00	139,26	11130,00	111,34
February	12960,00	129,65	13390,00	133,95
March	17770,00	177,77	17140,00	171,47
April	17820,00	178,27	19130,00	191,38
May	22750,00	227,59	14860,00	148,66
June	22260,00	222,69	21720,00	217,29
July	24960,00	249,70	24740,00	247,50
August	21420,00	214,29	21470,00	214,79
September	19790,00	197,98	15800,00	158,06
October	19230,00	192,38	16770,00	167,77
November	11390,00	113,95	10480,00	104,84
December	9930,00	99,34	11280,00	112,85



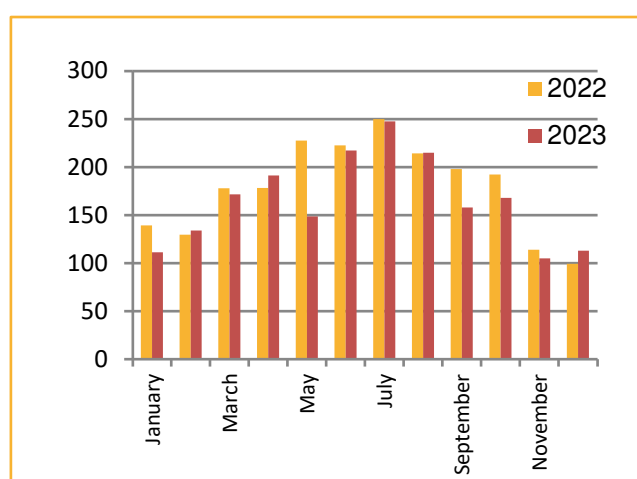
99,54 kW

TOTAL	214200,00	2142,86	197910,00	1979,89
-------	-----------	---------	-----------	---------



Total production graph

% difference : -8,23%



Production performance: kWh/kWp

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

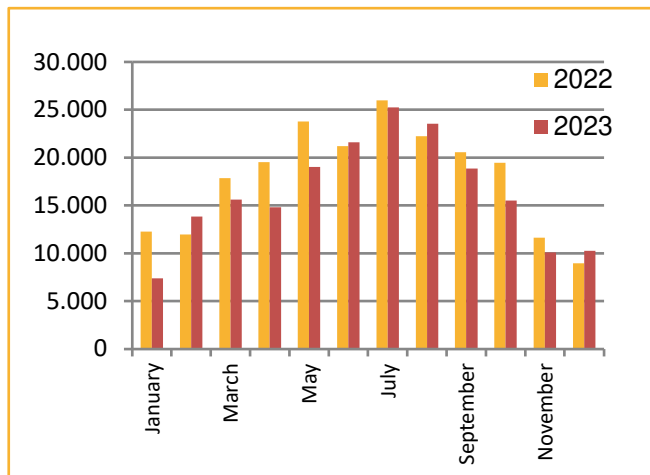
Production period

JANUARY 2022 - DECEMBER 2023

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	12280,00	122,95	7400,00	74,09
February	11960,00	119,74	13830,00	138,47
March	17870,00	178,91	15610,00	156,29
April	19520,00	195,43	14820,00	148,38
May	23770,00	237,99	19020,00	190,43
June	21210,00	212,35	21610,00	216,36
July	26000,00	260,31	25260,00	252,90
August	22250,00	222,77	23550,00	235,78
September	20570,00	205,95	18850,00	188,73
October	19470,00	194,93	15520,00	155,39
November	11630,00	116,44	10080,00	100,92
December	8960,00	89,71	10260,00	102,72
TOTAL	215490,00	2157,49	195810,00	1960,45

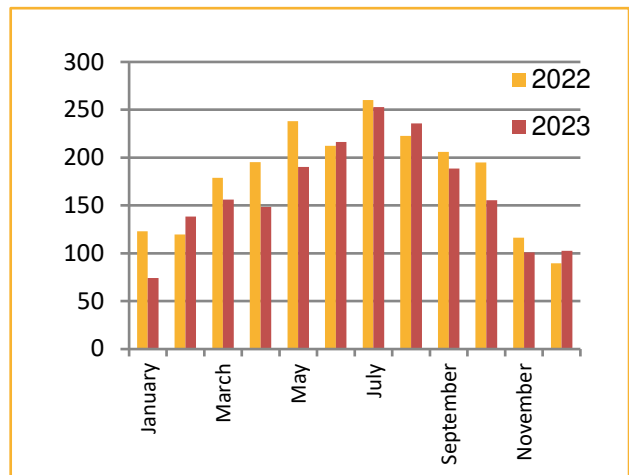


99,88 kW



Total production graph

% difference : -10,05%



Production performance: kWh/kWp

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

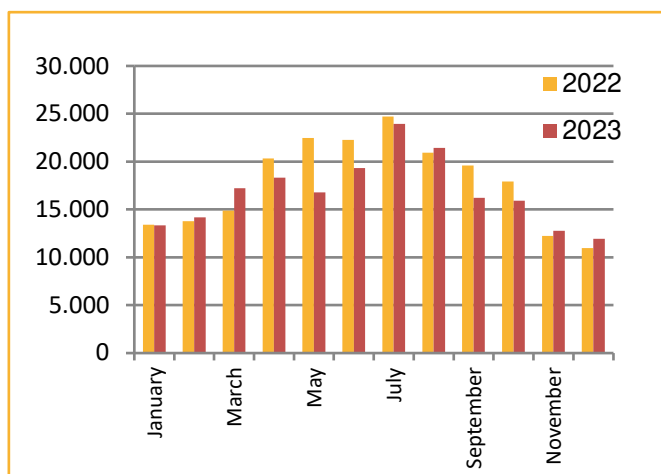
Production period

JANUARY 2022 - DECEMBER 2023

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	13420,00	134,20	13350,00	133,50
February	13770,00	137,70	14190,00	141,90
March	14870,00	148,70	17230,00	172,30
April	20330,00	203,30	18320,00	183,20
May	22470,00	224,70	16790,00	167,90
June	22270,00	222,70	19330,00	193,30
July	24720,00	247,20	23940,00	239,40
August	20940,00	209,40	21420,00	214,20
September	19600,00	196,00	16230,00	162,30
October	17920,00	179,20	15910,00	159,10
November	12220,00	122,20	12760,00	127,60
December	10950,00	109,50	11940,00	119,40
TOTAL	213480,00	2134,80	201410,00	2014,10

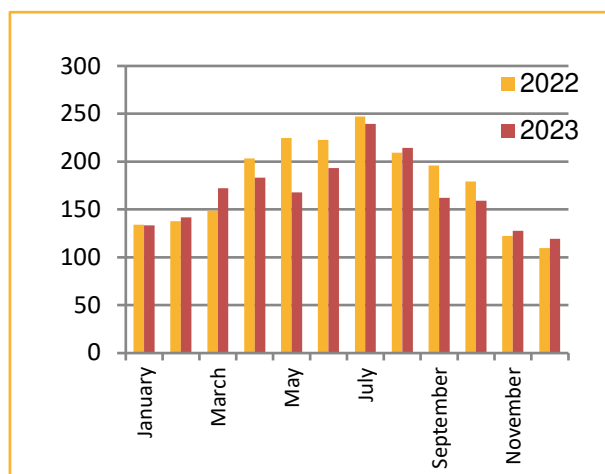


100 kW



Total production graph

% difference : -5,99%



Production performance: kWh/kWp

Basic installation data:

Solar plant identification: HELIDA ΕΝΕΡΓΕΙΑΚΗ ΑΕ_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

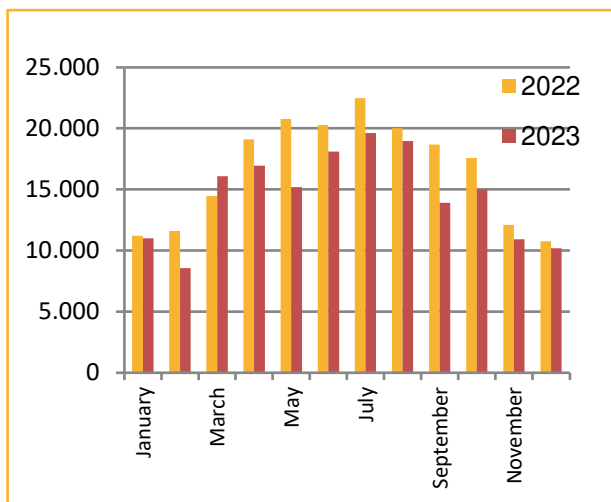
Production period

JANUARY 2022 - DECEMBER 2023

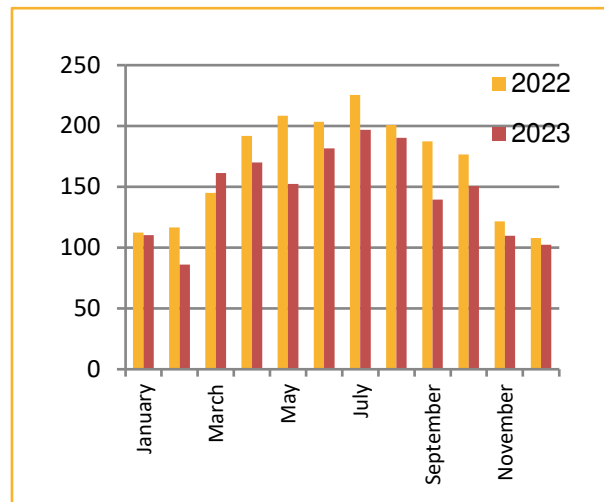
Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	11200,00	112,36	10990,00	110,25
February	11610,00	116,47	8560,00	85,87
March	14450,00	144,96	16070,00	161,22
April	19100,00	191,61	16940,00	169,94
May	20770,00	208,37	15190,00	152,39
June	20270,00	203,35	18100,00	181,58
July	22470,00	225,42	19610,00	196,73
August	20010,00	200,74	18960,00	190,21
September	18660,00	187,20	13900,00	139,45
October	17580,00	176,36	15000,00	150,48
November	12100,00	121,39	10930,00	109,65
December	10750,00	107,85	10190,00	102,23
TOTAL	198970,00	1996,09	174440,00	1750,00



99,88 kW



Total production graph % difference : -14,06%



Production performance: kWh/kWp

Notice : During May & June 2023 there was a damage which caused malfunction in energy installation.

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/vd
Number of inverters 30 x Sunny Mini Central 7000TL
Installer Supportech Energy
 Θεόφιλος Ιατρού

Production period

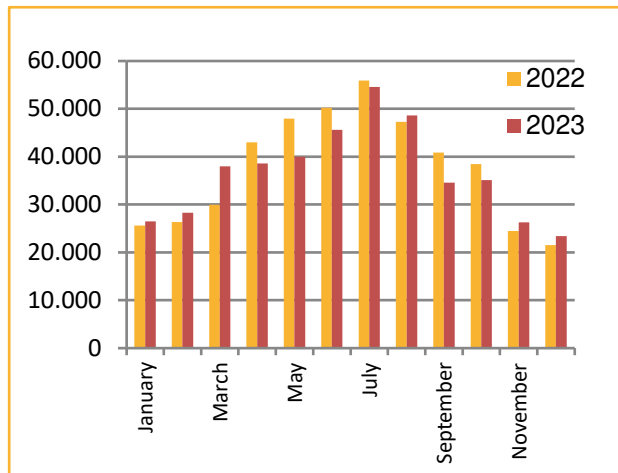
JANUARY 2022 - DECEMBER 2023

Connected to Grid since 2010

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	25590,00	129,90	26430,00	134,16
February	26340,00	133,71	28240,00	143,35
March	29960,00	152,08	38000,00	192,89
April	43010,00	218,32	38560,00	195,74
May	47920,00	243,25	39980,00	202,94
June	50220,00	254,92	45600,00	231,47
July	55890,00	283,71	54590,00	277,11
August	47280,00	240,00	48600,00	246,70
September	40860,00	207,41	34570,00	175,48
October	38460,00	195,23	35100,00	178,17
November	24460,00	124,16	26250,00	133,25
December	21500,00	109,14	23400,00	118,78
TOTAL	451490,00	2291,83	439320,00	2230,05

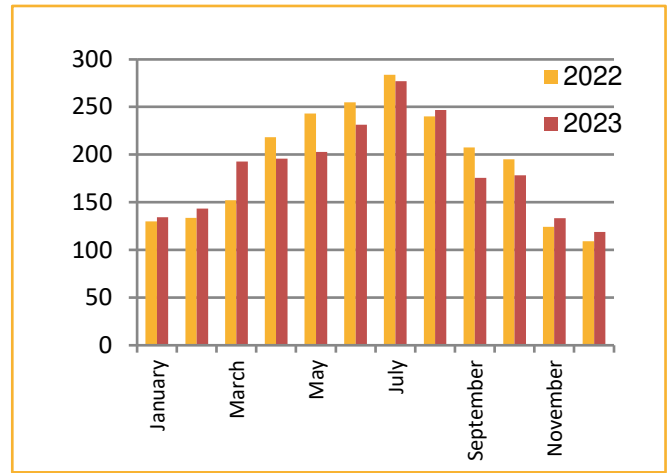


197 kW



Total production graph

% difference : -2,77%



Production performance: kWh/kWp

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 kWp
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: Supportech Energy
 Θεόφιλος Ιατρού

Connected to Grid since 2011

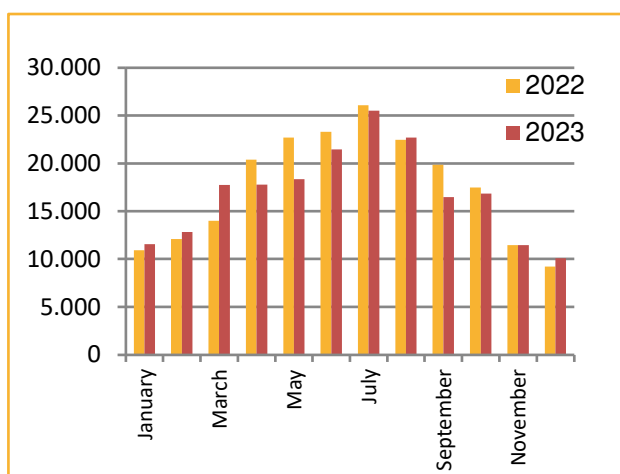
Production period

JANUARY 2022 - DECEMBER 2023

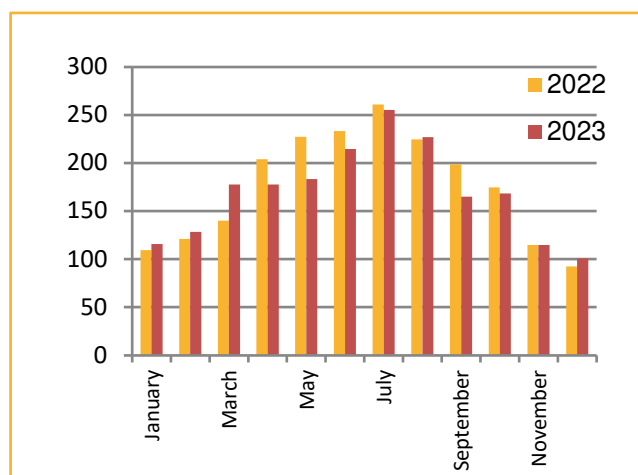
Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	10930,00	109,30	11550,00	155,50
February	12100,00	121,00	12820,00	128,20
March	14010,00	140,10	17760,00	177,60
April	20390,00	203,90	17770,00	177,70
May	22710,00	227,10	18340,00	183,40
June	23310,00	233,10	21470,00	214,70
July	26080,00	260,80	25520,00	255,20
August	22460,00	224,60	22700,00	227,00
September	19850,00	198,50	16480,00	164,80
October	17470,00	174,70	16830,00	168,30
November	11470,00	114,70	11460,00	114,60
December	9220,00	92,20	10070,00	100,70
TOTAL	210000,00	2100,00	202770,00	2027,70



100 kW



Total production graph % difference : -3,57%



Production performance: kWh/kWp

Basic installation data:

Solar plant identification: Koromplis
Location: Pyrgos / Iliia
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

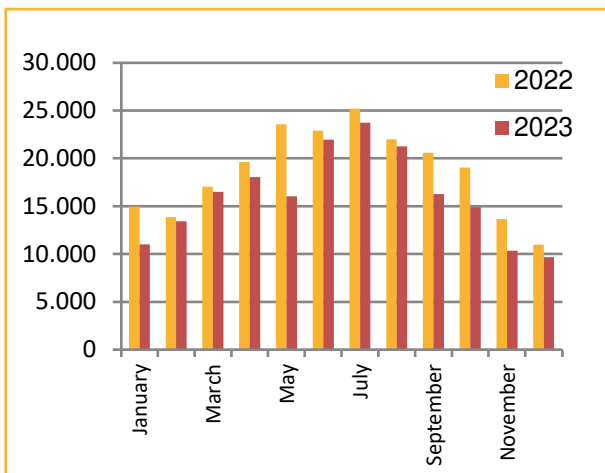
Production period

JANUARY 2022 - DECEMBER 2023

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	14954,00	149,54	11009,00	110,09
February	13865,00	138,65	13399,00	133,99
March	17040,00	170,40	16504,00	165,04
April	19589,00	195,89	18025,00	180,25
May	23546,00	235,46	16024,00	160,24
June	22898,00	228,98	21958,00	219,58
July	25190,00	251,90	23730,00	237,30
August	21992,00	219,92	21241,00	212,41
September	20577,00	205,77	16256,00	162,56
October	19040,00	190,40	14882,00	148,82
November	13640,00	136,40	10350,00	103,50
December	10981,00	109,81	9668,00	96,68
TOTAL	223312,00	2233,12	193046,00	1930,46

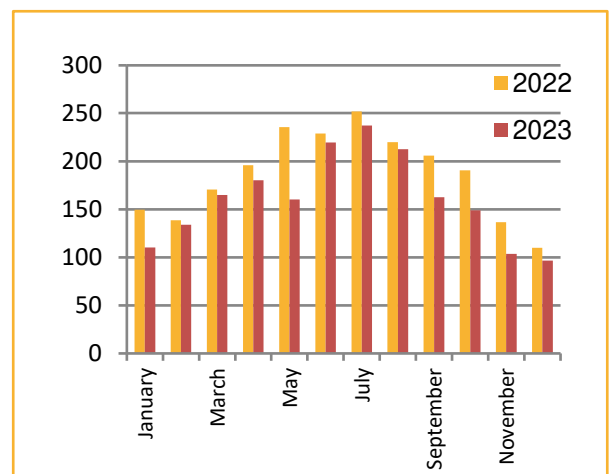


100 kW



Total production graph

% difference : -15,68%



Production performance: kWh/kWp

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: KK ENEPFEIAKH OE

Connected to Grid since 2017

Production period

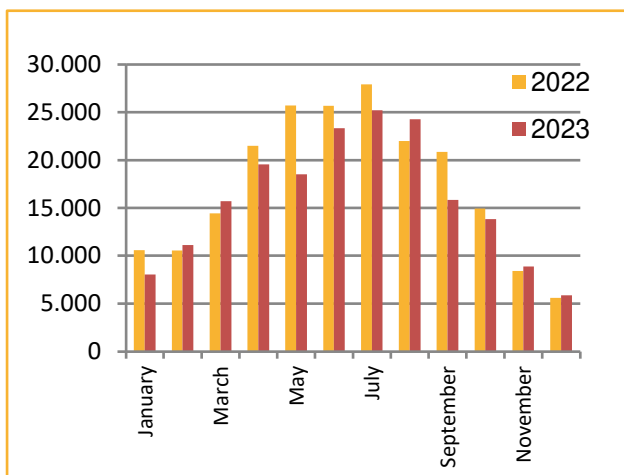
JANUARY 2022 - DECEMBER 2023

Month	2022		2023	
	kWh total	kWh/kWp	kWh total	kWh/kWp
January	10587,00	105,97	8028,60	80,36
February	10545,00	105,54	11120,30	111,30
March	14432,60	144,46	15702,40	157,17
April	21497,70	215,17	19539,20	195,57
May	25690,90	257,14	18500,00	185,17
June	25678,00	257,01	23323,20	233,44
July	27896,50	279,22	25191,50	252,14
August	21980,50	220,00	24267,10	242,89
September	20854,90	208,74	15839,60	158,54
October	14916,70	149,30	13812,90	138,25
November	8393,30	84,01	8877,20	88,85
December	5608,10	56,13	5859,20	58,64

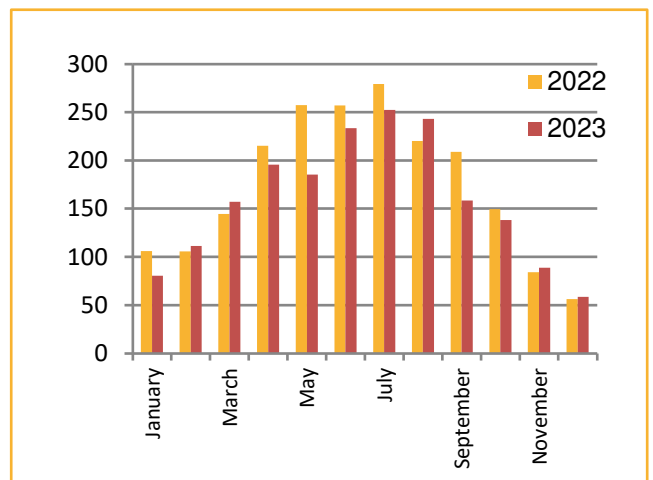


TOTAL	208081,20	2082,69	190061,20	1902,32
--------------	------------------	----------------	------------------	----------------

99,91 Kw



Total production graph % difference : -9,48%



Production performance: kWh/kWp

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



Best Wishes for Great yields during 2024!!!