

DegerHellas LTD

Energy Systems

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**YIELDS S100-SR
2019 - 2021**



Basic installation data:

Solar plant identification: Kogias
Location: Spercheiada/Fthiotida
Country/Region: Greece
Longitude: 38°90'75.72" North
Latitude: 22°12'73.25" East

System configuration:

Rated installation output: 100 kWp
Number of trackers: 5 x S100 - SR
Number of modules: 272 x 72 cells -370 Wp bifacial
Number of inverters: 5 x REFUsoL 20KW
Installer: ENERSYS

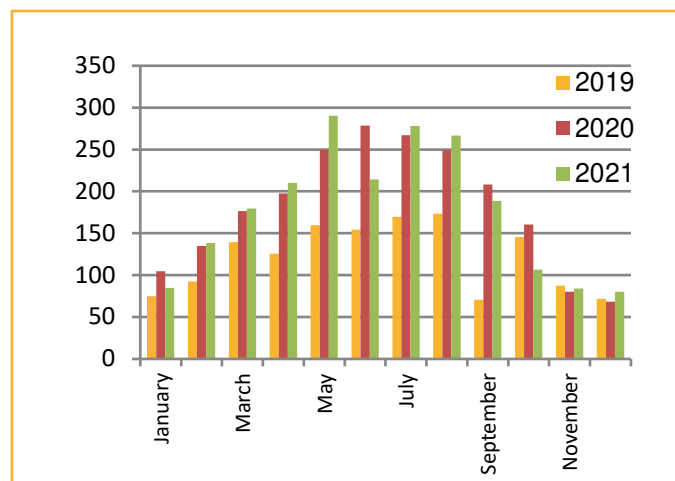
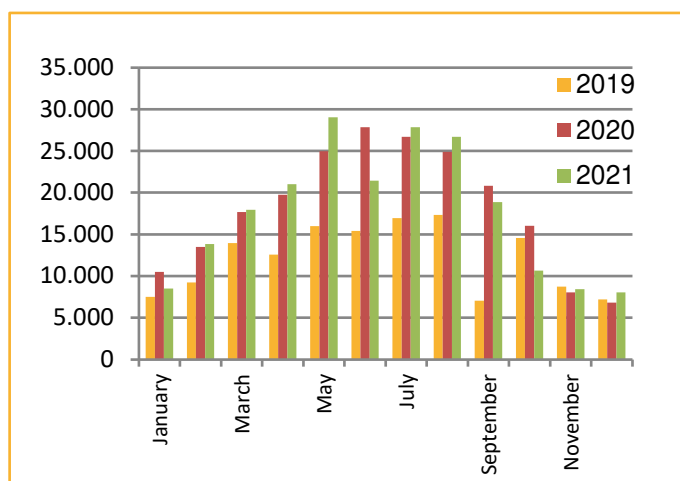
Connected to Grid since 2011

Production period

JANUARY 2019 - DECEMBER 2021

Month	2019		2020		2021	
	kWh total	kWh/kWp	kWh total	kWh/kWp	kWh total	kWh/kWp
January	7494,50	74,95	10478,70	104,79	8483,30	84,83
February	9240,60	92,41	13473,40	134,73	13829,50	138,30
March	13932,10	139,32	17652,50	176,53	17933,70	179,34
April	12557,50	125,58	19760,30	197,60	21013,10	210,13
May	15973,50	159,74	24978,10	249,78	29021,30	290,21
June	15420,40	154,20	27855,20	278,55	21430,20	214,30
July	16950,60	169,51	26696,40	266,96	27820,90	278,21
August	17328,50	173,29	24886,90	248,87	26682,50	266,83
September	7042,20	70,42	20818,00	208,18	18875,70	188,76
October	14565,70	145,66	16024,70	160,25	10651,40	106,51
November	8724,70	87,25	8023,30	80,23	8413,50	84,14
December	7192,30	71,92	6820,40	68,20	8025,50	80,26
TOTAL	146422,6	1464,23	217467,9	2174,68	212180,60	2121,81

100 Kw

**Notice :**

The energy installation was upgraded (from fixed mounting-previous state) to single axis tracking systems S100-SR with bifacial PV panels, at the end of September 2019.

Basic installation data:

Solar plant identification: Potamias
Location: Ekkara Domokou/Fthiotida
Country/Region: Greece
Longitude: 39°18'72.67" North
Latitude: 22°20'67.00" East

System configuration:

Rated installation output: 99,6 kWp
Number of trackers: 6 x S100 - SR
Number of modules: 249 x Luxor Ecoline 400W bifacial
Number of inverters: 6 x Sunny Tripower 17000TL-10
Installer: ENERSYS

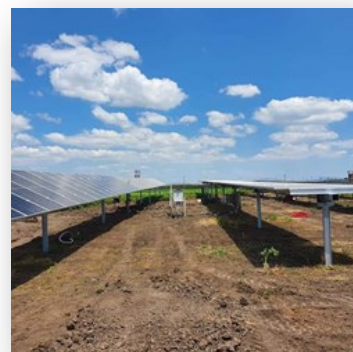
Connected to Grid since 2012

Production period

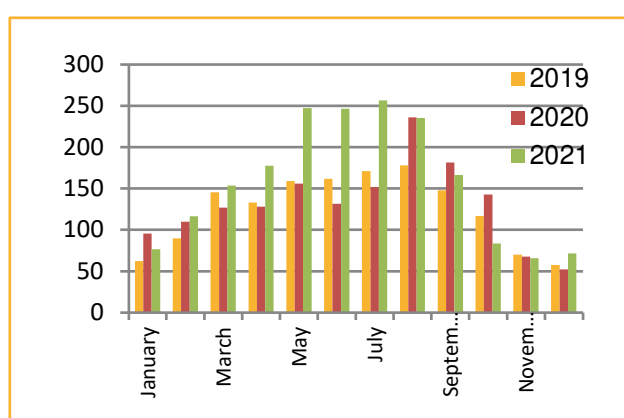
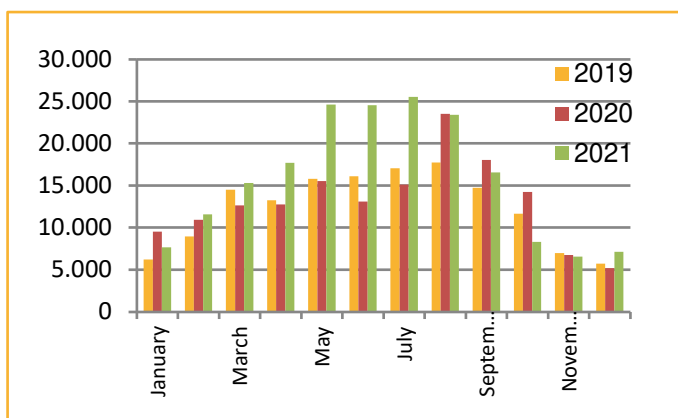
JANUARY 2019 - DECEMBER 2021

	2019		2020		2021	
Month	kWh total	kWh/kWp	kWh total	kWh/kWp	kWh total	kWh/kWp
January	6200,00	62,25	9520,00	95,58	7640,00	76,71
February	8950,00	89,86	10940,00	109,84	11580,00	116,27
March	14500,00	145,58	12650,00	127,01	15290,00	153,51
April	13230,00	132,83	12760,00	128,11	17690,00	177,61
May	15810,00	158,73	15530,00	155,92	24610,00	247,09
June	16090,00	161,55	13110,00	131,63	24520,00	246,18
July	17030,00	170,98	15110,00	151,71	25530,00	256,33
August	17730,00	178,01	23500,00	235,94	23410,00	235,04
September	14720,00	147,79	18050,00	181,22	16550,00	166,16
October	11640,00	116,87	14230,00	142,87	8300,00	83,33
November	6980,00	70,08	6750,00	67,77	6560,00	65,86
December	5720,00	57,43	5200,00	52,21	7120,00	71,49

TOTAL	148600,00	1491,97	157350	1579,82	188800,00	1895,58
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99,6 Kw



Total production graph

% difference : 16,66%

Production performance: kWh/kWp

Notice :

The energy installation was upgraded (from fixed mounting-previous state) to single axis tracking systems S100-SR with bifacial PV panels, at the end of July 2020.

Basic installation data:

Solar plant identification: Pentalofos
Location: pentalofos chalkidiki
Country/Region: Greece
Longitude: 40°73'44.08" North
Latitude: 22°81'21.93" East

System configuration:

Rated installation output: 999,60 kWp
Number of trackers: 41 x S100 - SR
Number of modules: 2940 x LUXOR 340Wp
Number of inverters: 50 x SINVERT PVM20
 7 x SINVERT PVM13

Connected to Grid since 2012

Production period

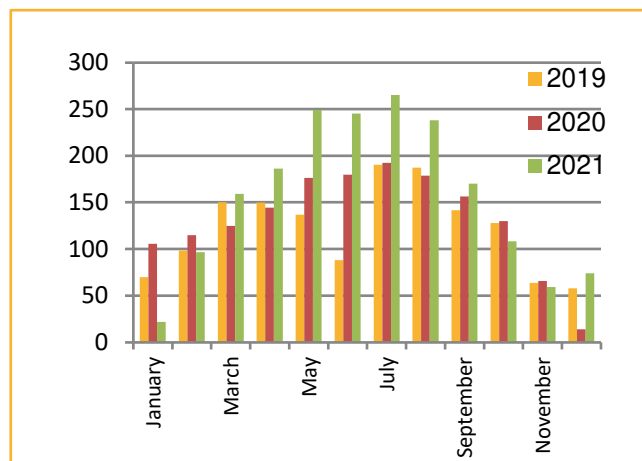
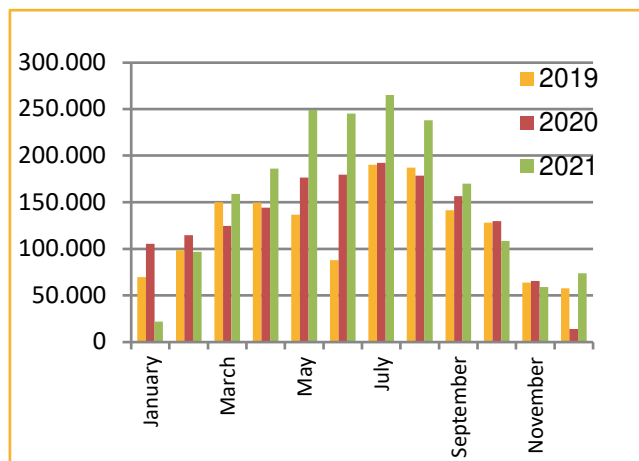
JANUARY 2019 - DECEMBER 2021

	2019		2020		2021	
Month	kWh total	kWh/kWp	kWh total	kWh/kWp	kWh total	kWh/kWp
January	69725,00	69,75	105455,60	105,50	21810,40	21,82
February	98382,80	98,42	114747,30	114,79	96645,40	96,68
March	150070,40	150,13	124585,91	124,64	159051,30	159,11
April	149716,90	149,78	144273,90	144,33	186042,20	186,12
May	136724,90	136,78	176299,50	176,37	248813,30	248,91
June	87940,90	87,98	179563,20	179,64	245046,80	245,14
July	190317,50	190,39	192195,50	192,27	265094,60	265,20
August	187002,20	187,08	178652,40	178,72	238083,50	238,18
September	141348,00	141,40	156359,2	156,42	169989,30	170,06
October	127911,40	127,96	129803,30	129,86	108304,40	108,35
November	63685,40	63,71	65519,7	65,55	59060,80	59,08
December	57660,30	57,68	13894,60	13,90	73797,00	73,83



TOTAL	1460485,7	1461,07	1581350,11	1581,98	1871739,00	1872,49
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999,60 kW



Total production graph

% difference :

15,51%

Production performance: kWh/kWp

Notice :

The energy installation was upgraded (from fixed mounting-previous state) to single axis tracking systems S100-SR, in the beginning of February 2021. Please keep in mind that January 2021 was a transitional month with low energy production , due to trackers' installation tasks.

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