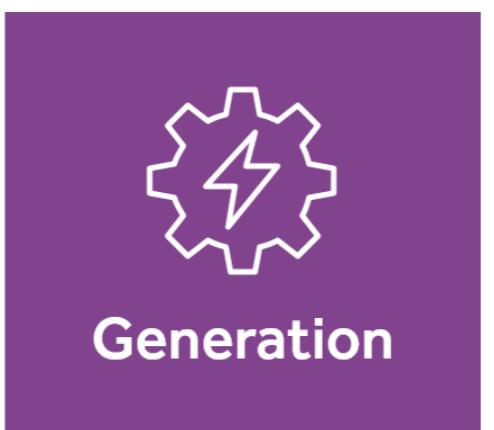
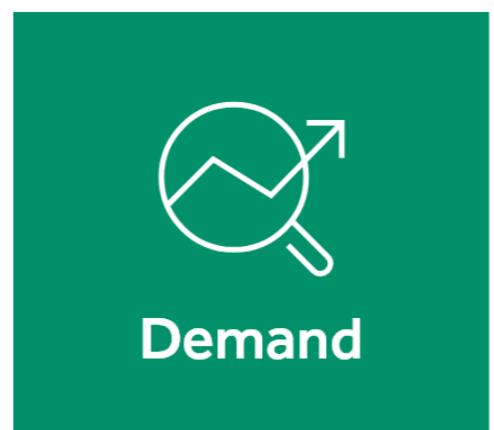
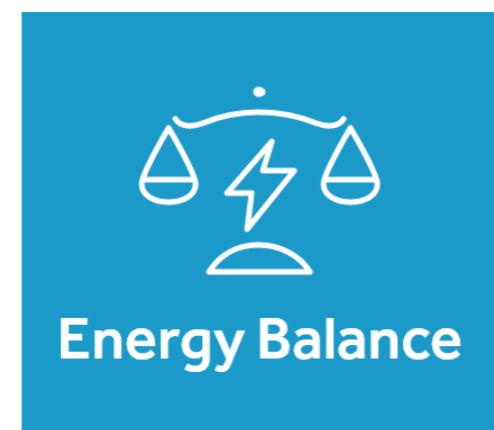
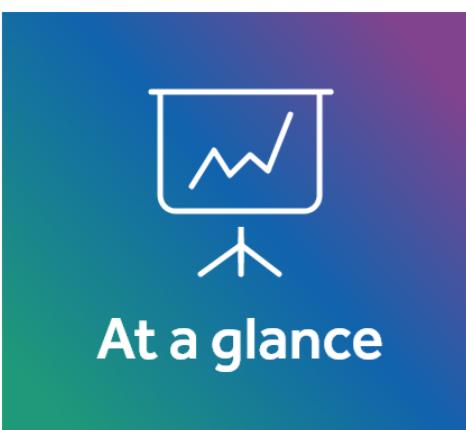


MONTHLY ENERGY BULLETIN

July

2022 - 2nd Edition



01

02

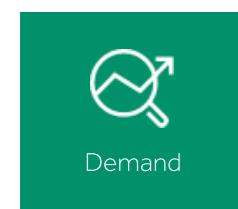
03

10

17

19

The Month at a glance

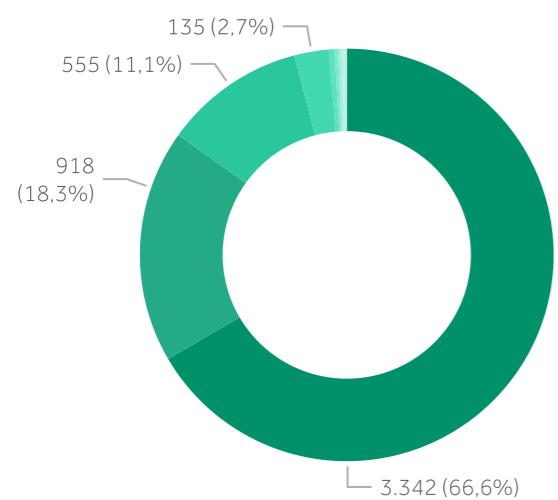


Total Demand
5.019 GWh

↓ 11,02%

Variation in comparison
to the same month of
the previous year

Estimation of total demand (GWh)



- SYSTEM TO NETWORK BOUNDARY SUBSTATIONS
- DEMAND SUPPLIED BY GENERATION UNITS ON THE NETWORK
- HIGH VOLTAGE CONSUMERS
- SYSTEM LOSSES
- MINES
- SELF-PRODUCTION
- PUMPING
- CRETE INTERCONNECTION

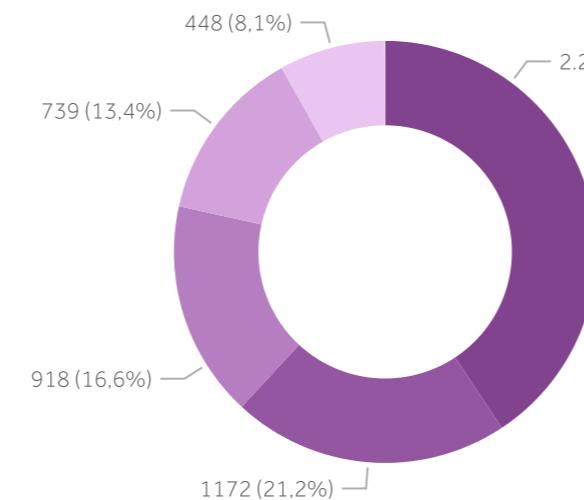


Total Generation
5.530 GWh

↑ 13,09%

Variation in comparison
to the same month of
the previous year

Estimation of total generation (GWh)



- NATURAL GAS
- SYSTEM RES
- NETWORK RES
- LIGNITE
- HYDRO
- OTHER FUEL
- CRETE INTERCONNECTION (RES)



Interconnection Balance
-510 GWh

↓ 1.262 GWh

Variation in comparison
to the same month of
the previous year

Imports

 **331 GWh**
↓ 60,09%

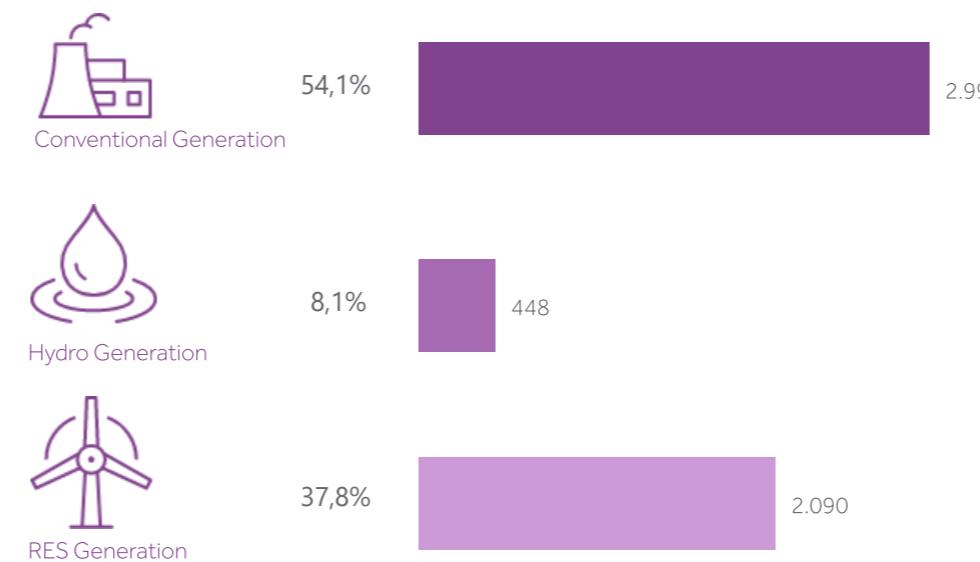


Maximum total demand

 28/07/2022  14:00
9.512 MW

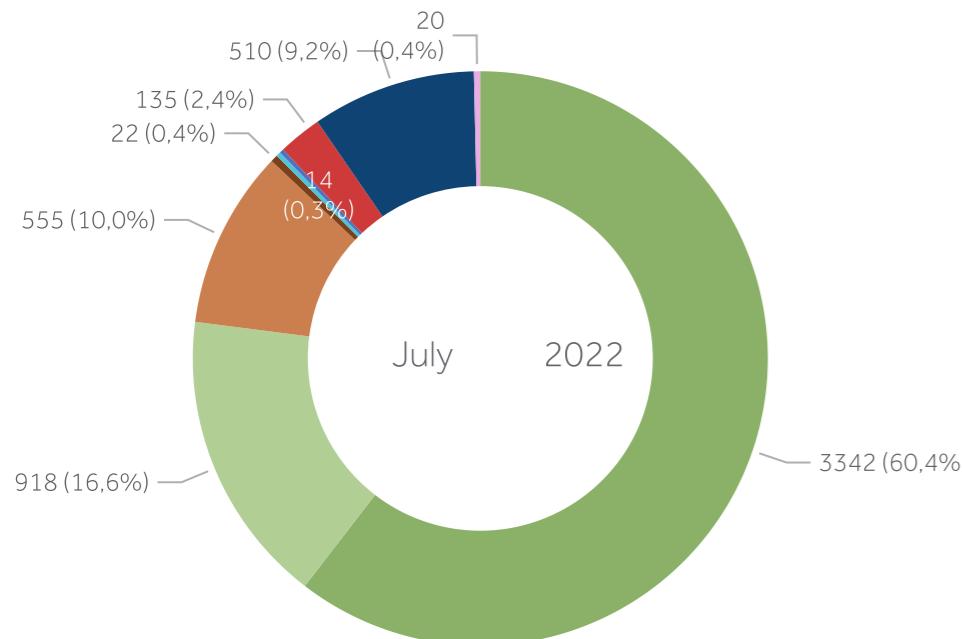
Minimum total demand

 11/07/2022  5:00
4.324 MW



Energy Balance in the Interconnected System and Network

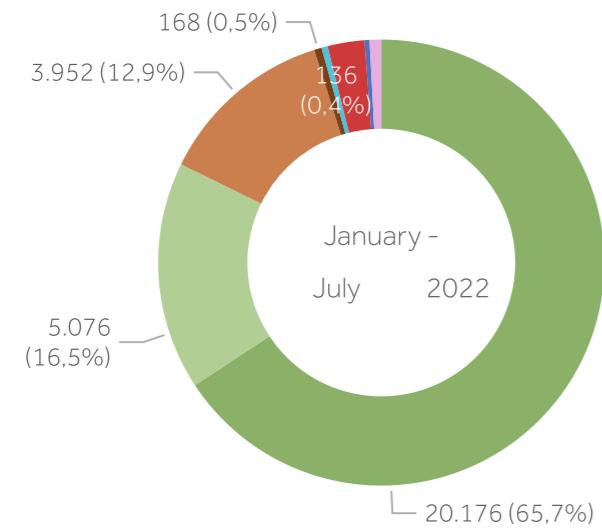
ESTIMATION OF TOTAL DEMAND¹ & INTERCONNECTION BALANCE³



Energy Balance
July 2022

5.530 GWh

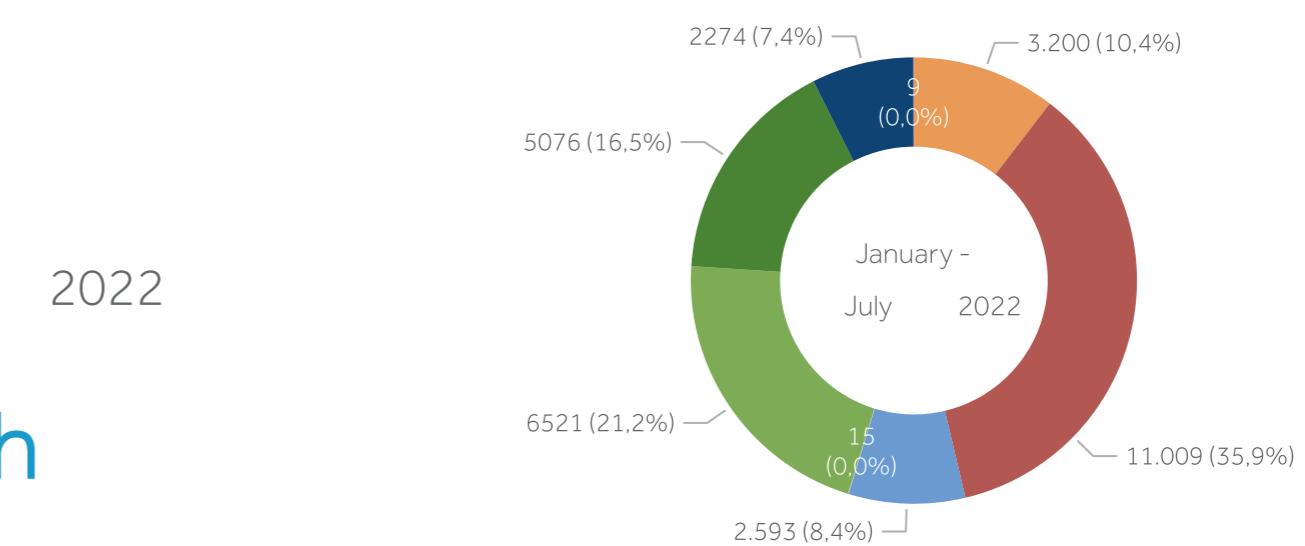
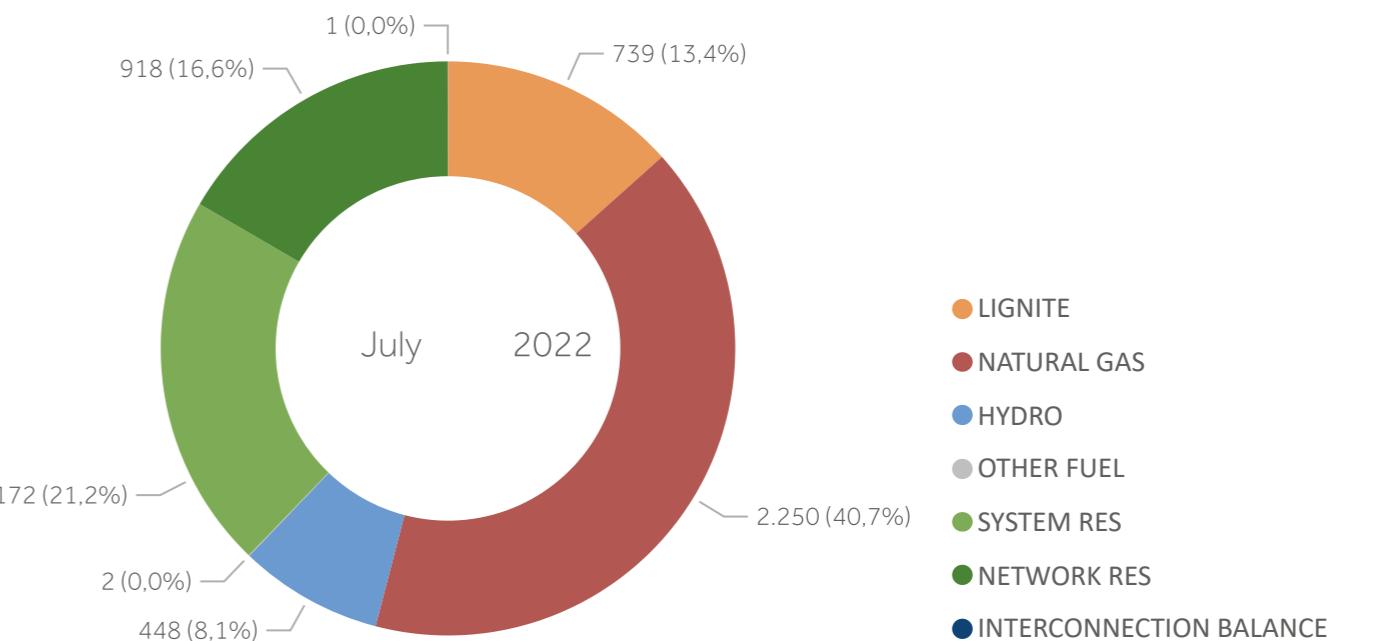
- SYSTEM TO NETWORK BOUNDARY SUBSTATIONS
- NETWORK DEMAND
- HIGH VOLTAGE CONSUMERS
- MINES
- SELF-PRODUCTION
- PUMPING
- SYSTEM LOSSES
- INTERCONNECTION BALANCE
- CRETE INTERCONNECTION



Energy Balance
January 2022 - July 2022

30.696 GWh

ESTIMATION OF TOTAL GENERATION² & INTERCONNECTION BALANCE³



Notes

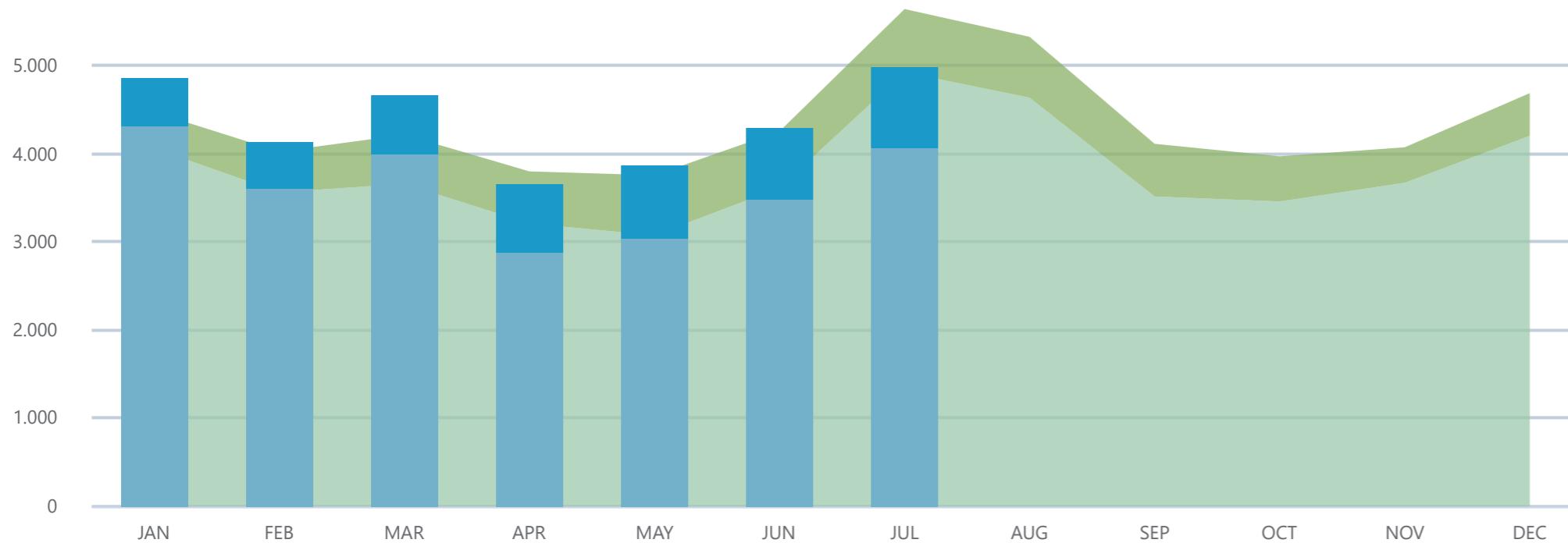
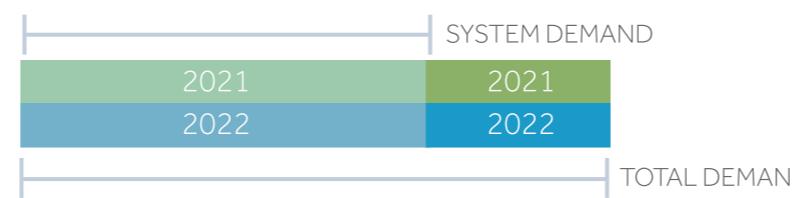
- 1 The demand of non-interconnected islands is not included.
- 2 Network generation results from validated meter data for the Medium Voltage and from validated meter data and estimations for the Low Voltage.
- 3 The surplus in the interconnection balance is displayed in the estimation of demand, whereas a deficit in the estimation of generation.

Total Demand & System Demand

ESTIMATION OF TOTAL DEMAND & SYSTEM DEMAND (GWh)



Annex 1.1



Total Demand²

5.006 GWh

↓ 11,24%

Variation in comparison to the same month of the previous year

System Demand¹

4.089 GWh

↓ 16,96%

Variation in comparison to the same month of the previous year

VARIATION OF TOTAL DEMAND (GWh)

July

2021 -

July

2022



Notes

1 System Demand is defined as the generation produced by production units (conventional and RES) connected to the System, that is required to cover the System Load (excluding pumping). Demand supplied by units injecting into the Network is not included. More specifically, the estimation of System Demand includes the demand of High Voltage consumers, mines, the self-production, the demand in System-Network boundary substations, the System losses and the flow to Crete interconnection.

2 Total Demand is defined as the generation on the mainland and the interconnected islands required to supply the Load (excluding pumping). More specifically, the estimation of Total Demand includes the estimation of System Demand and the estimation of demand covered by production units connected to the Network. Network generation results from certified measurements for the Medium Voltage and measurements and estimations for the Low Voltage.

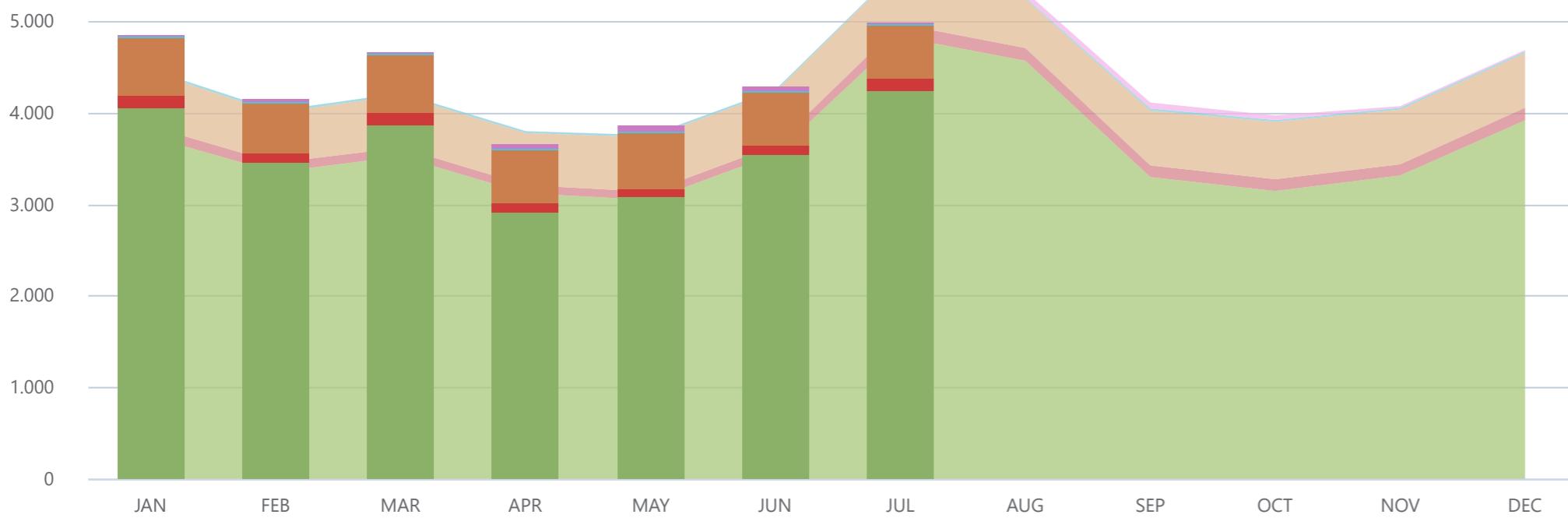
Demand per Consumption Category

EVOLUTION OF DEMAND (GWh)



Annex 1.1

per consumption category



SELF-PRODUCTION

2021 2022

HIGH VOLTAGE CONSUMERS

2021 2022

SYSTEM LOSSES

2021 2022

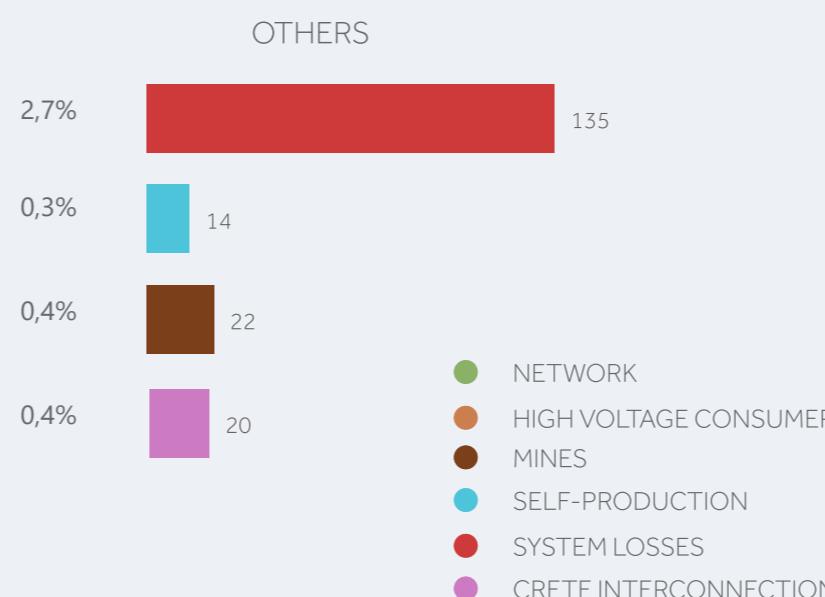
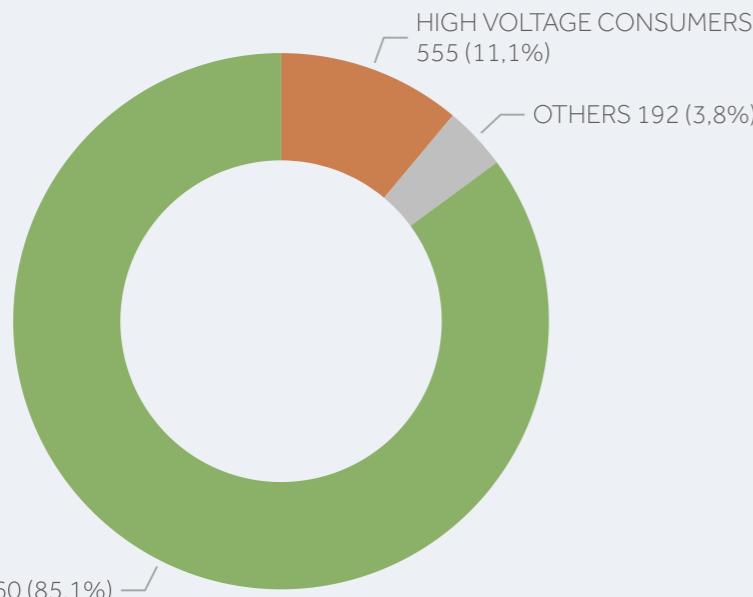
NETWORK

2021 2022

CRETE INTERCONNECTION

2021 2022

ESTIMATION OF DEMAND PER CONSUMPTION CATEGORY (GWh)



Notes

- 1 Network Demand includes the estimation of demand in the System-Network boundary substations and the estimation of demand supplied by production units in the Network. Network generation results from certified measurements for the Medium Voltage and measurements and estimations for the Low Voltage.
- 2 Demand does not include pumping.

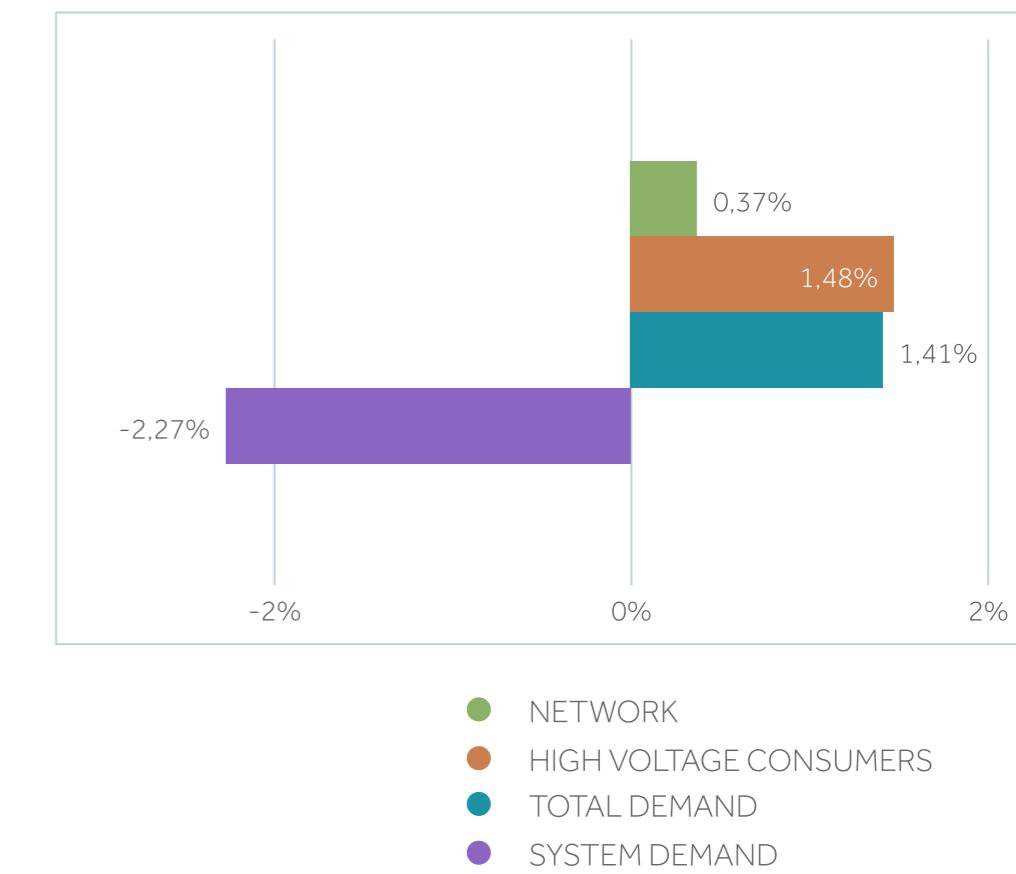
Evolution of Demand in comparison to the previous year

EVOLUTION OF DEMAND in comparison to the same month of the previous year



EVOLUTION OF DEMAND

current year in comparison to the same period of the previous year



Notes

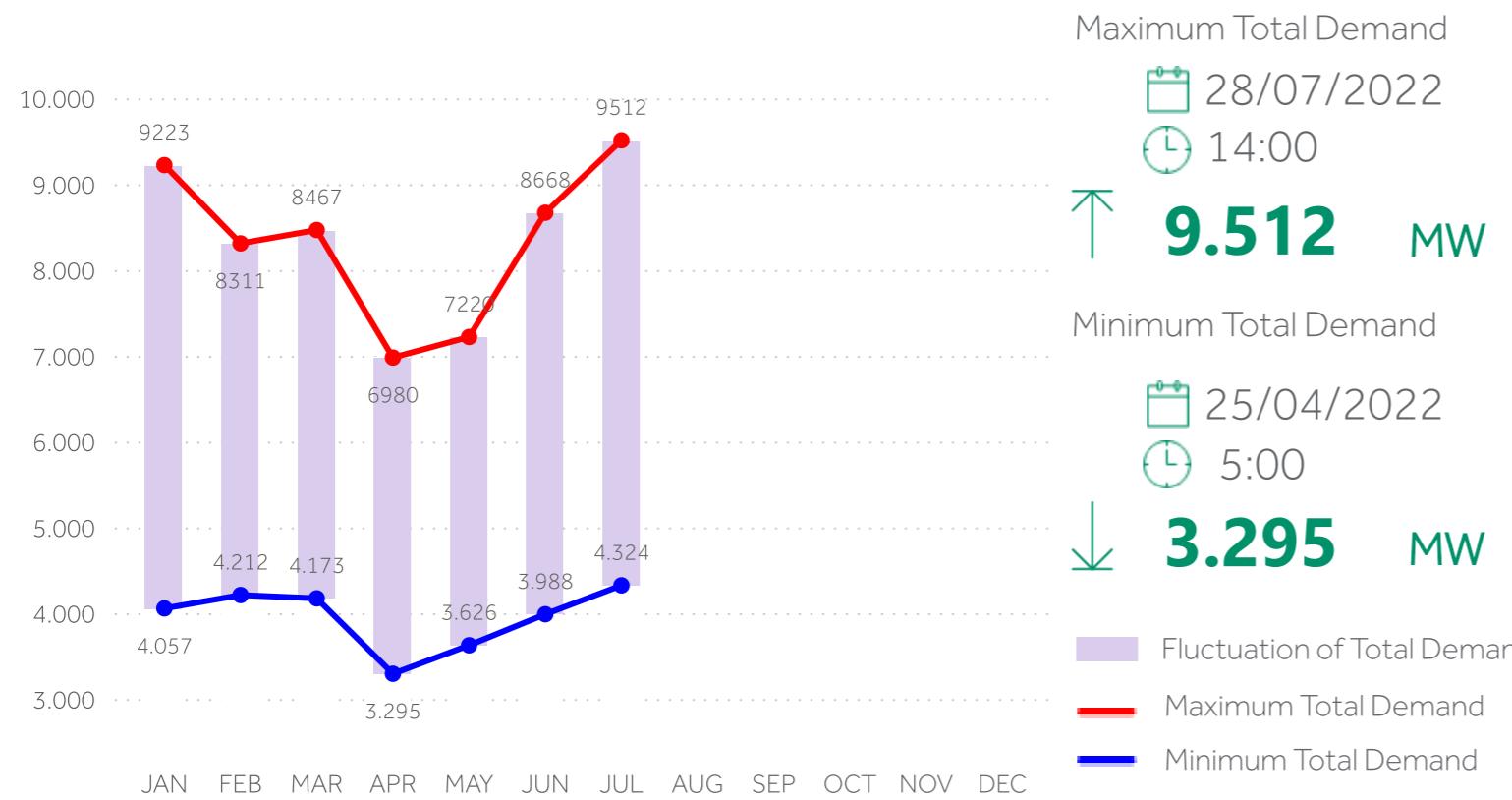
- 1 Network Demand includes the estimation of demand in the System-Network boundary substations and the estimation of demand supplied by production units in the Network. Network generation results from certified measurements for the Medium Voltage and measurements and estimations for the Low Voltage.

- 2 Demand does not include pumping.

MAXIMUM & MINIMUM HOURLY TOTAL DEMAND (MW)

current year

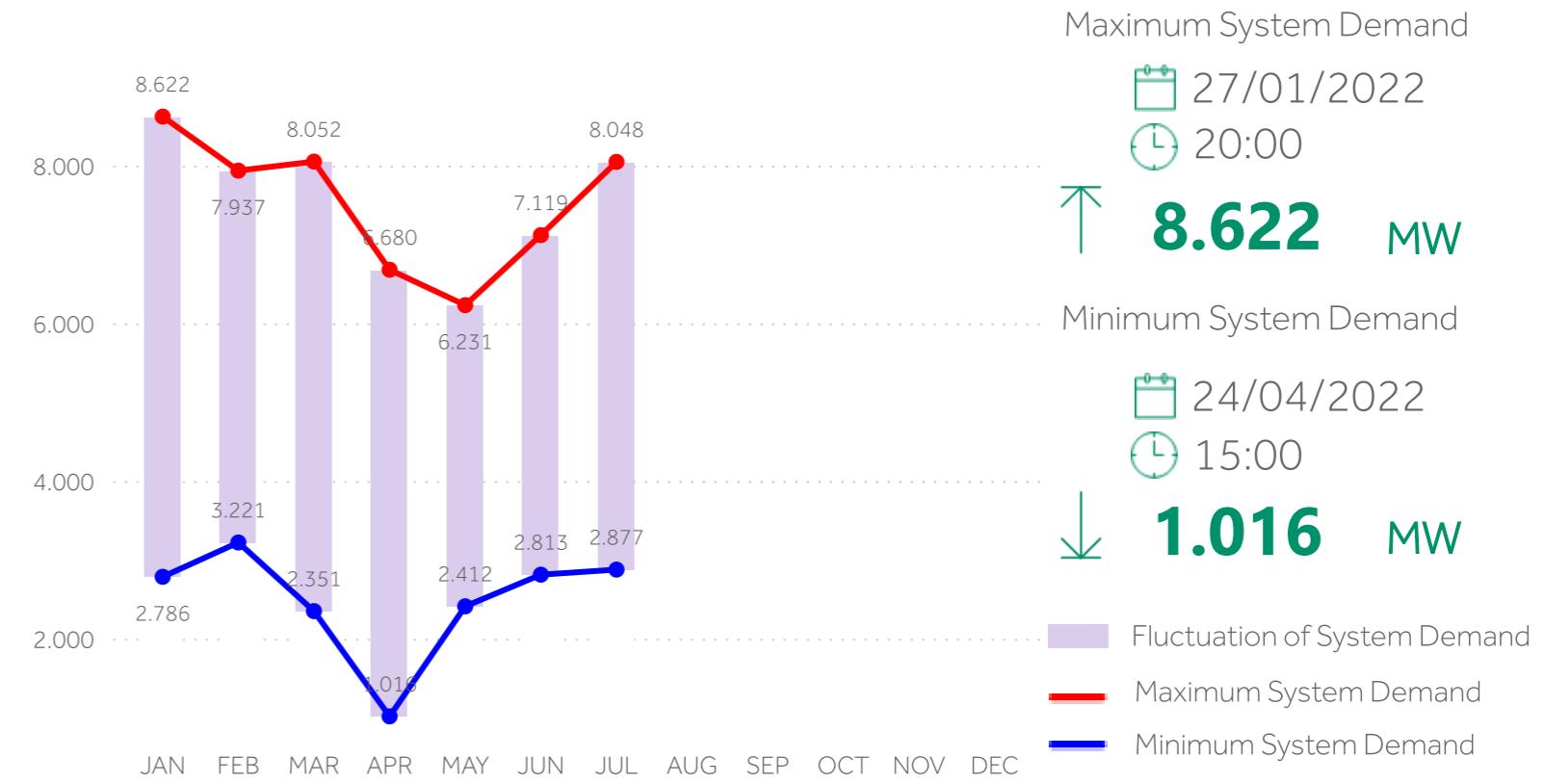
Annex 1.2



MAXIMUM & MINIMUM HOURLY SYSTEM DEMAND (MW)

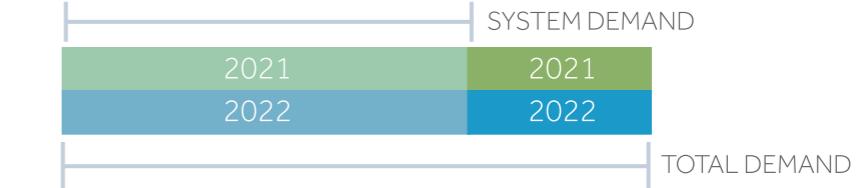
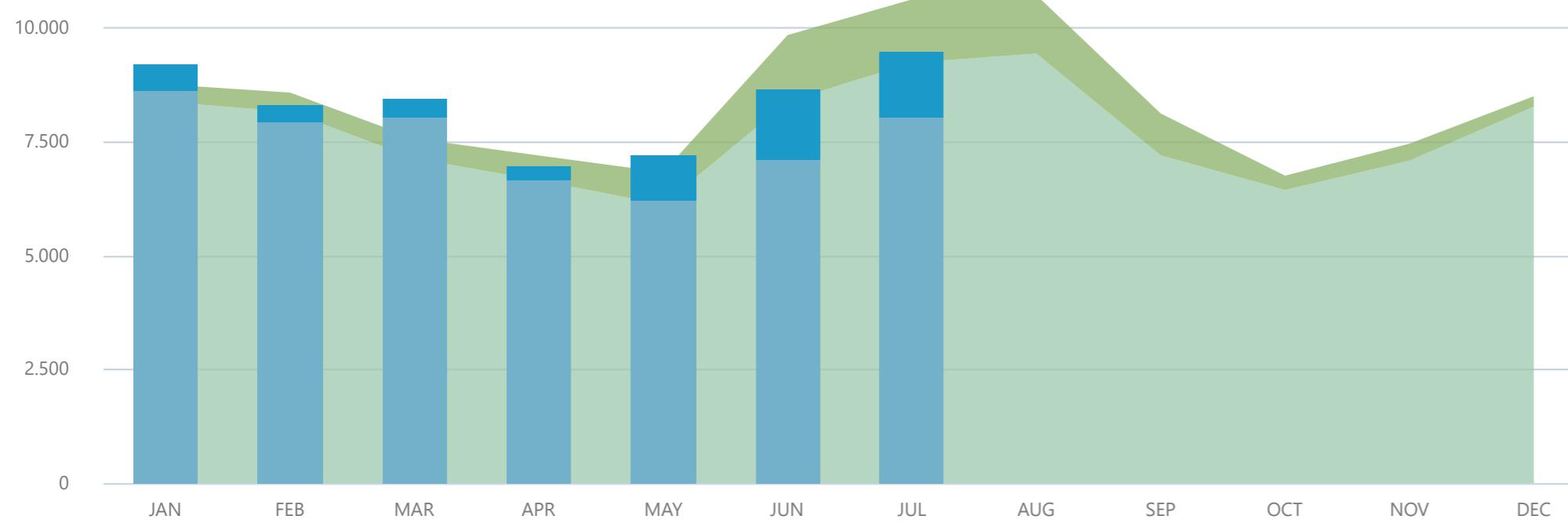
current year

Annex 1.3



MAXIMUM HOURLY TOTAL DEMAND & SYSTEM DEMAND (MW)

Annex 1.2 - 1.3

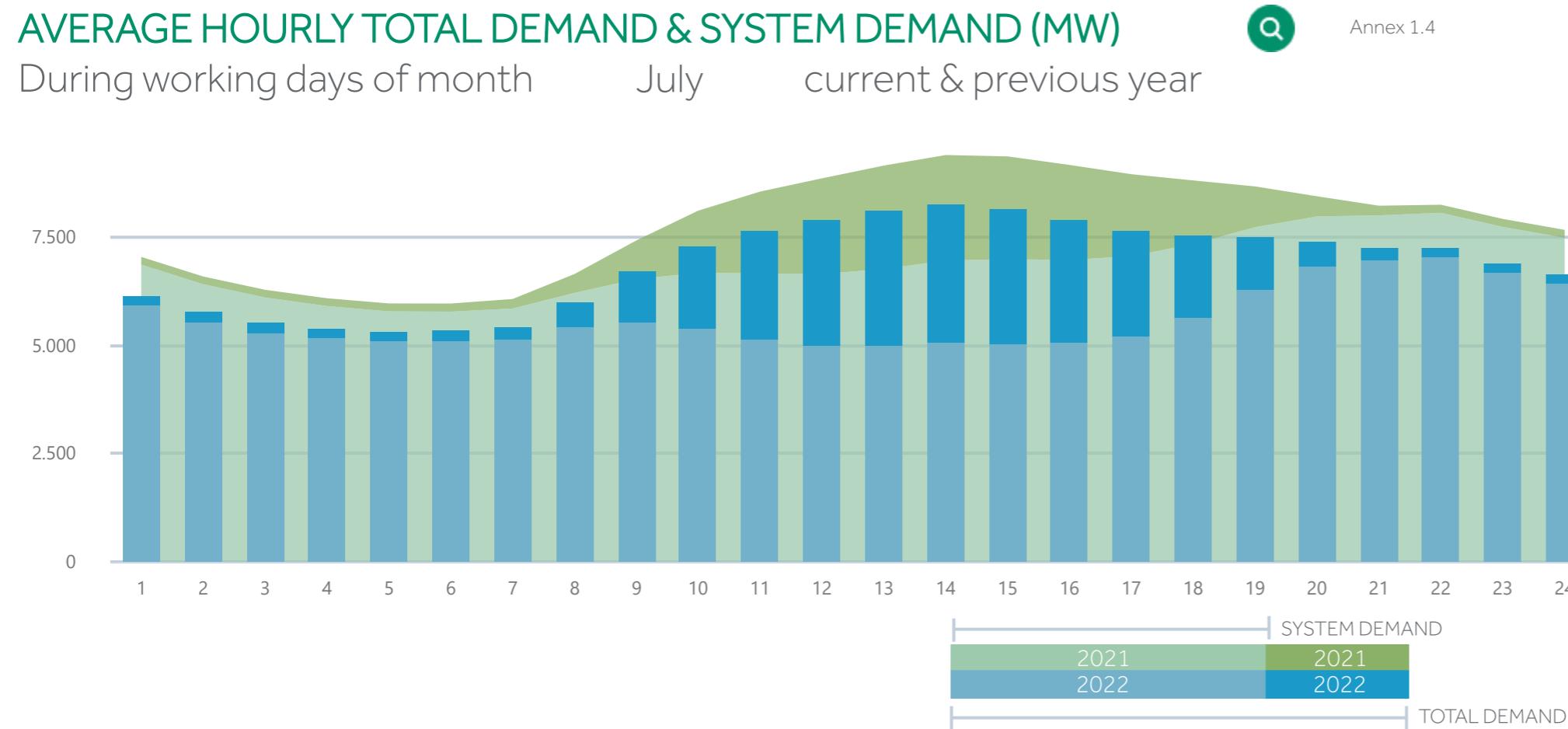


Notes

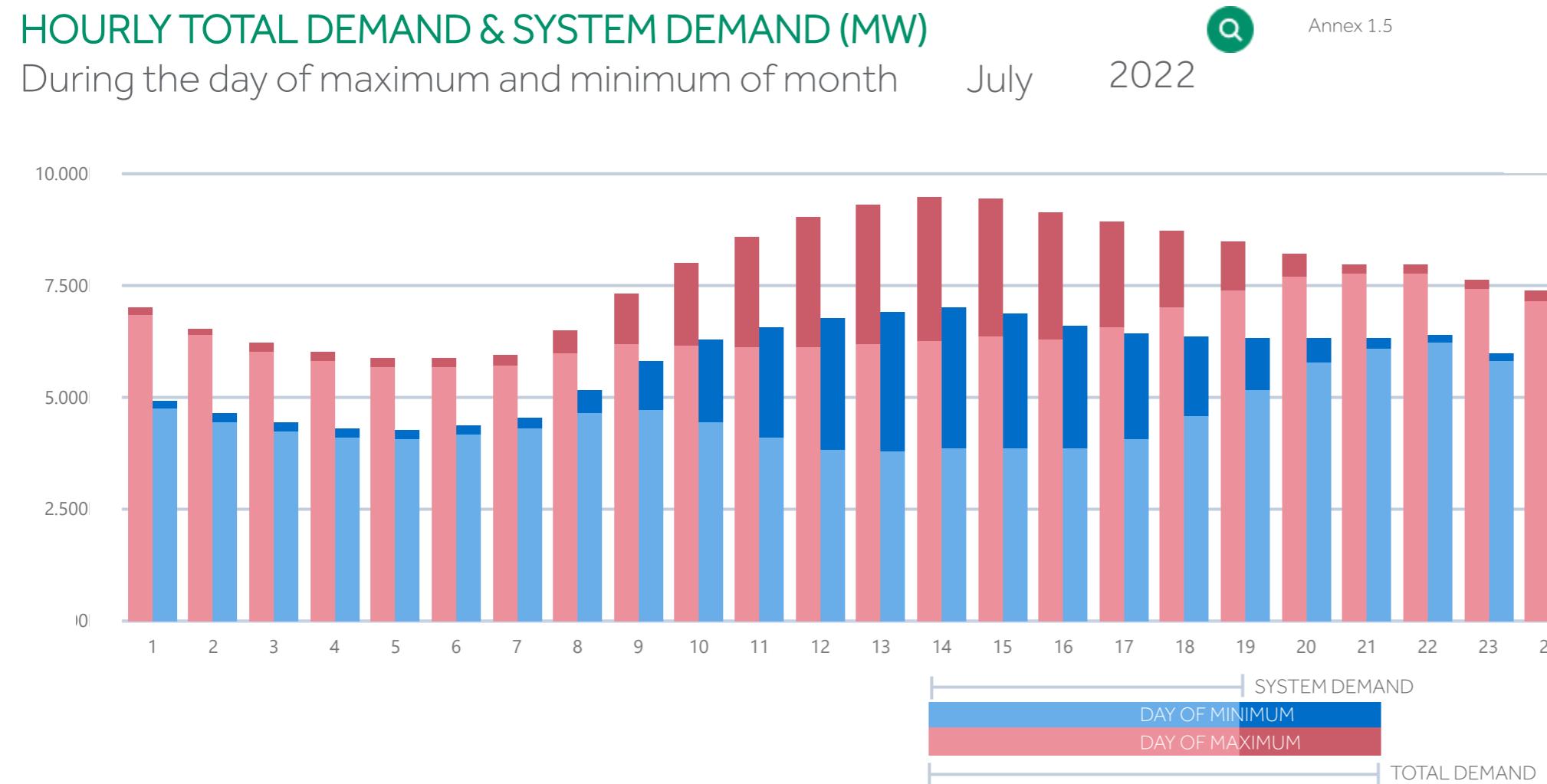
- In maximum & minimum demand analysis, Total Demand and System Demand include pumping.
- Analysis is based on hourly data.

AVERAGE HOURLY TOTAL DEMAND & SYSTEM DEMAND (MW)

During working days of month July current & previous year

**HOURLY TOTAL DEMAND & SYSTEM DEMAND (MW)**

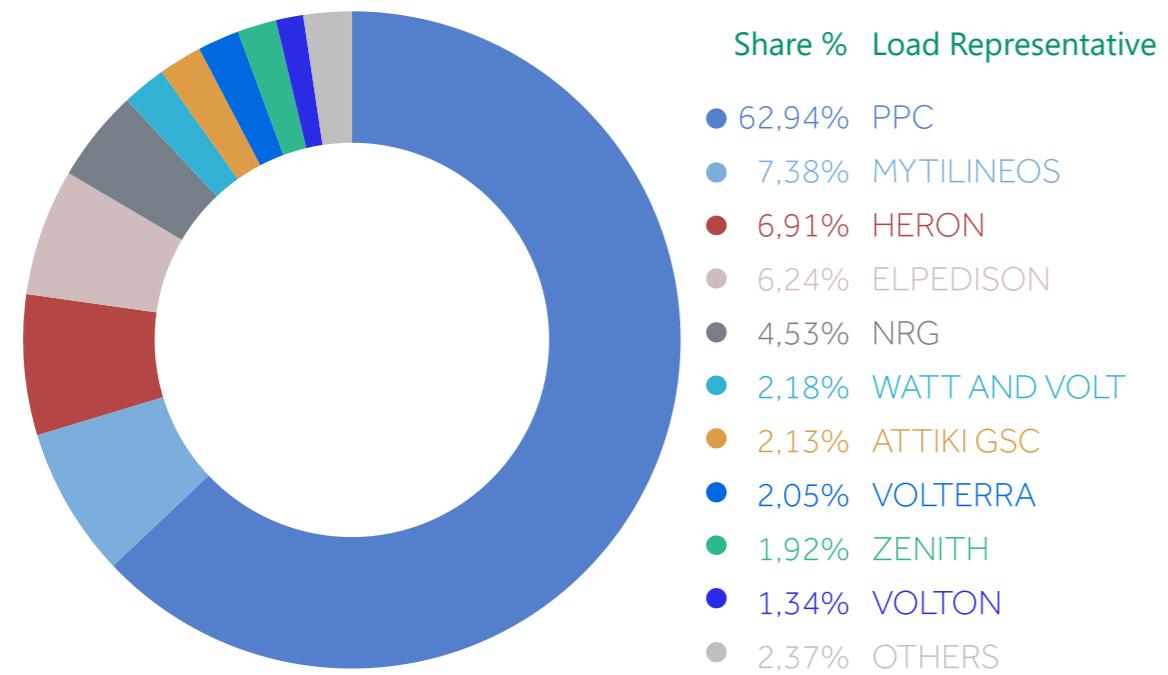
During the day of maximum and minimum of month July 2022

**MAXIMUM TOTAL DEMAND** 28/07/2022 14:00 **9.512 MW****MINIMUM TOTAL DEMAND** 11/07/2022 5:00 **4.324 MW****MAXIMUM SYSTEM DEMAND** 27/07/2022 22:00 **8.048 MW****MINIMUM SYSTEM DEMAND** 10/07/2022 11:00 **2.877 MW****Notes**

- For each hour, the demand is calculated as the average of the demand of the relevant hour for each working day or the month.
- Total Demand and System Demand include pumping.

Market Share of Load Representatives - Demand per voltage level

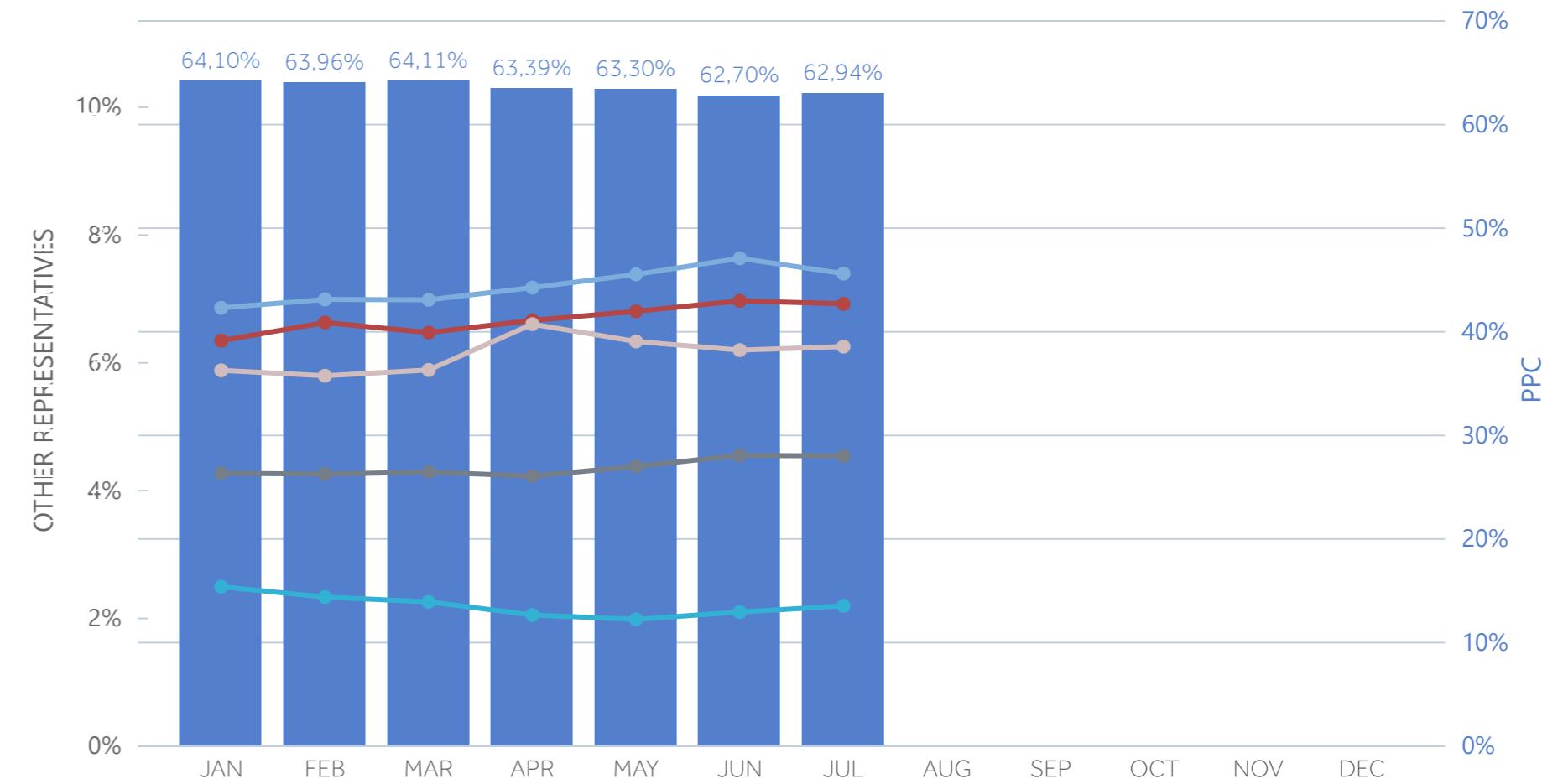
MARKET SHARE OF LOAD REPRESENTATIVES (%) 



Annex 1.7

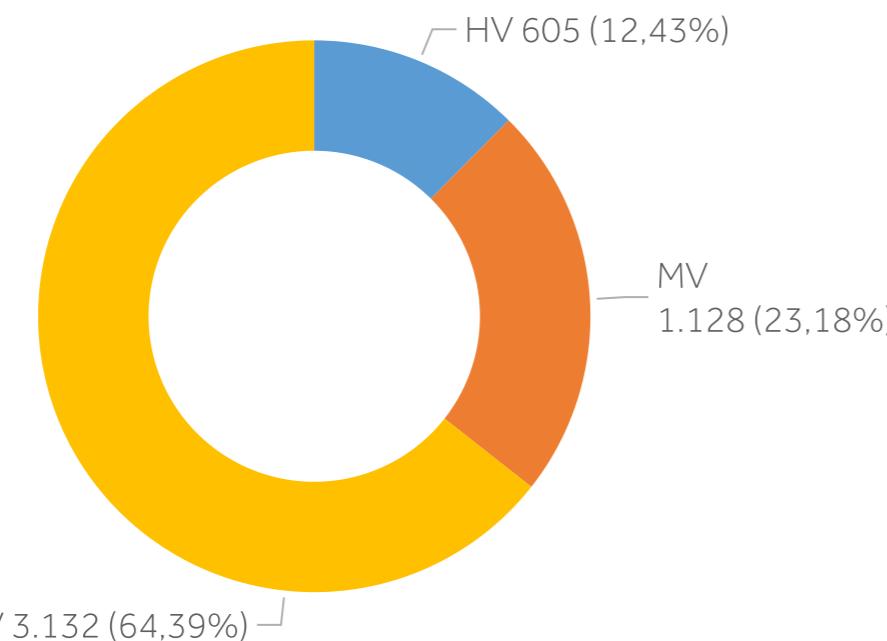
EVOLUTION OF MARKET SHARE OF LOAD REPRESENTATIVES (%) 

(6 load representatives with higher market shares during the current year)



Annex 1.6

DEMAND PER VOLTAGE LEVEL (GWh/%)

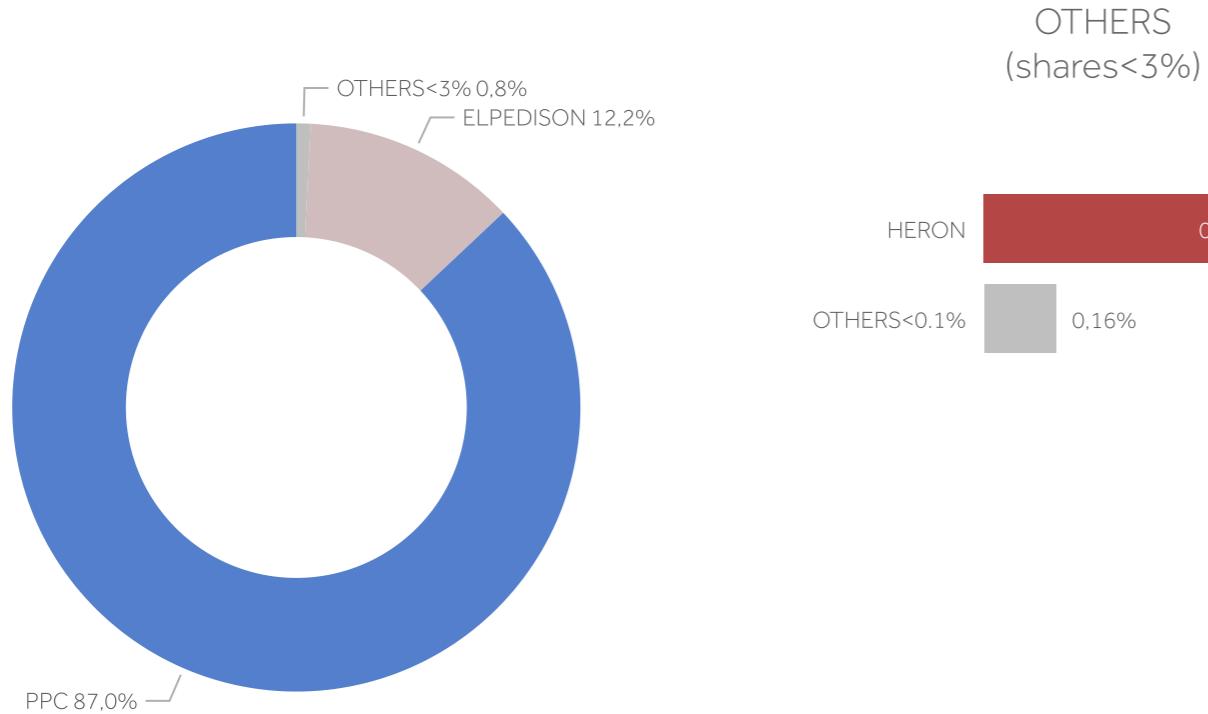


Notes

- Data used for the calculation of the shares of the representatives include:
 - Self-supplied consumers and producers representing the auxiliary loads of their production units.
 - Consumption of Low Voltage consumers is based on a preliminary estimation of the Network Operator.
- Values in GWh are referenced to the System-Network boundaries.
- The utilisation of the interconnection of Crete to the HETS is not included.

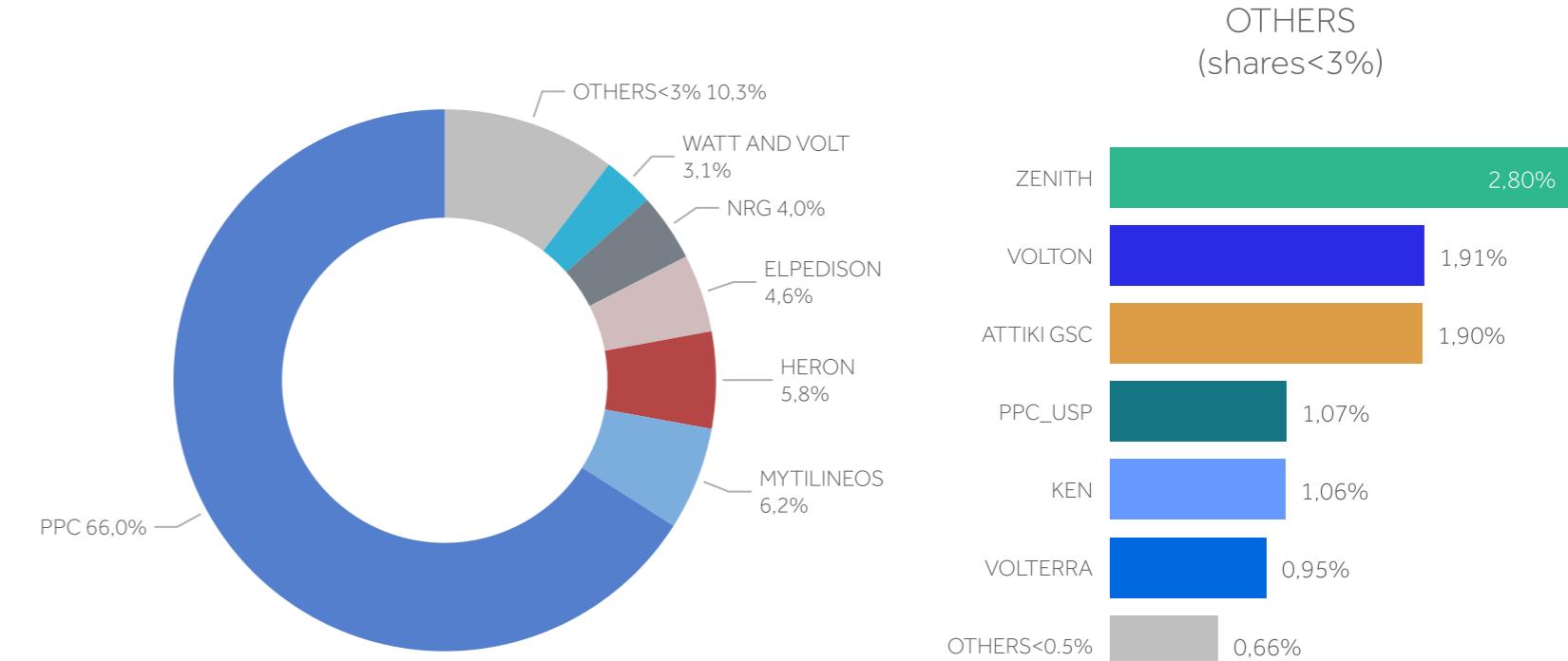
Market Share of Load Representatives per voltage level

MARKET SHARE OF LOAD REPRESENTATIVES IN HV (%)



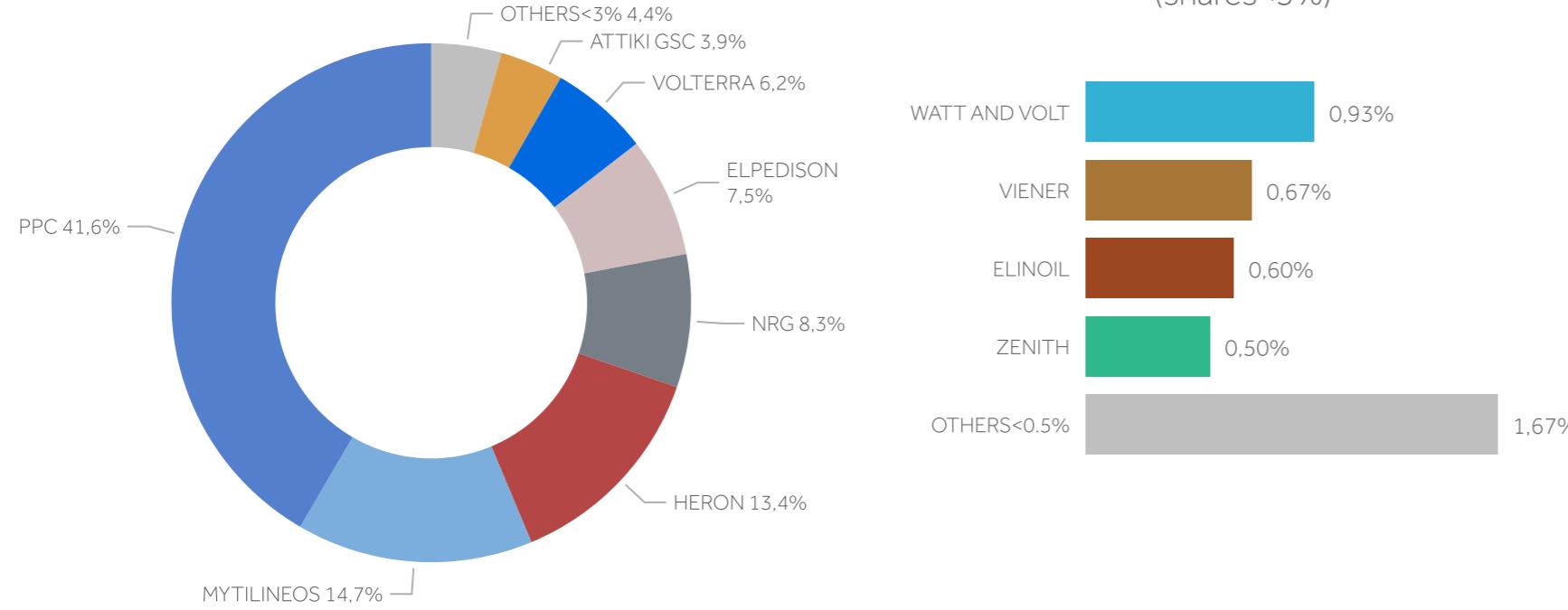
Annex 1.7

MARKET SHARE OF LOAD REPRESENTATIVES IN LV (%)



Annex 1.7

MARKET SHARE OF LOAD REPRESENTATIVES IN MV (%)



Annex 1.7

Notes

- Data used for the calculation of the shares of the representatives include:
 - Self-supplied consumers and producers representing the auxiliary loads of their production units.
 - Consumption of Low Voltage consumers is based on a preliminary estimation of the Network Operator.
- Values in GWh are referenced to the System-Network boundaries.
- The utilisation of the interconnection of Crete to the HETS is not included.

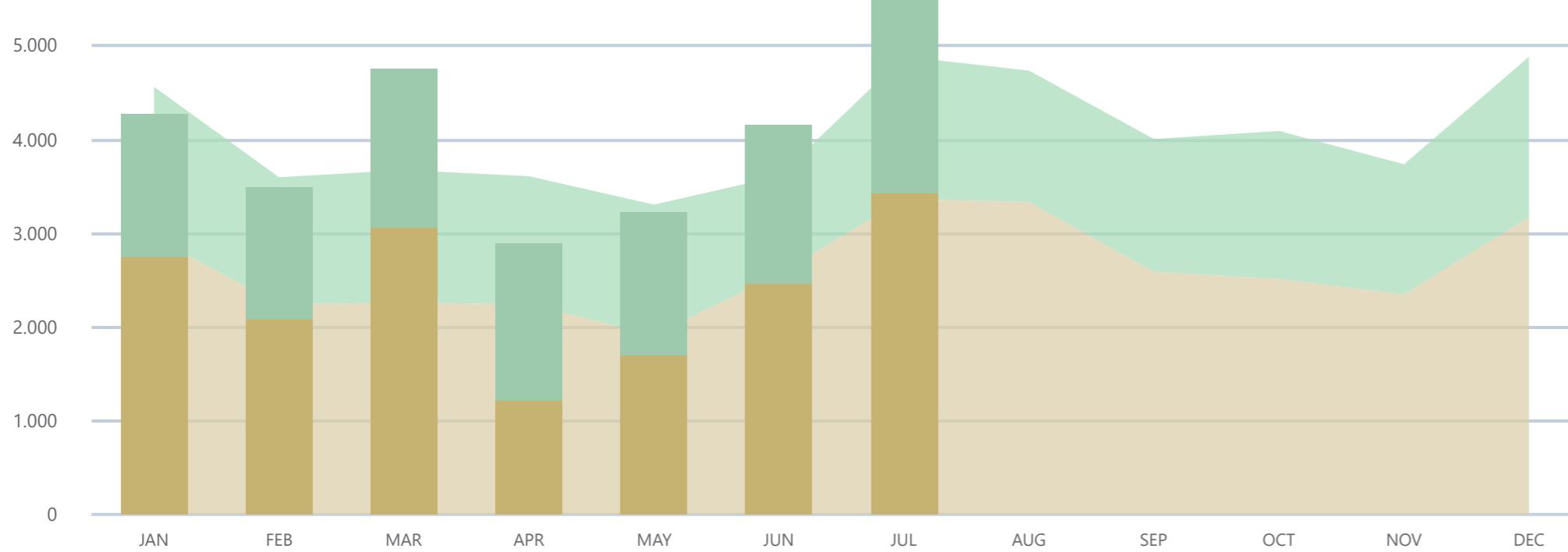
Analysis of Net Generation

ESTIMATION OF NET GENERATION (GWh)

Annex 2.1

2021 CONVENTIONAL
2022 GENERATION

2021 RES
2022 GENERATION



Total Net Generation

5.530 GWh

↑ 13,09%

Variation in comparison to the same month of the previous year



Thermal Generation



Hydro Generation



RES Generation

54,10%

8,09%

37,80%

VARIATION OF NET GENERATION (GWh)

July

2021

July

2022



Notes

Analysis of generation refers to the net generation.

Total Generation includes the generation of conventional production units and RES units and refers to the injection point in the System.

Conventional Generation includes the generation of large scale hydro units, as well as the generation of dispatchable co-generation units that has not been characterised as high efficiency Co-Generation.

RES Generation includes

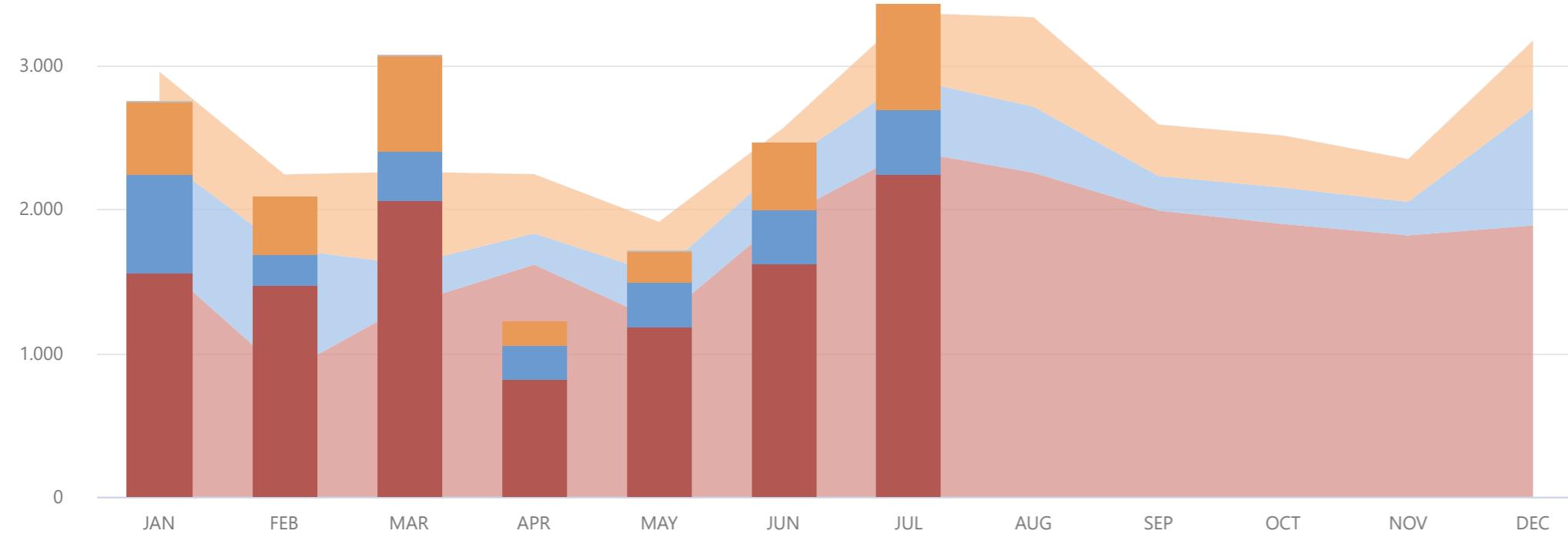
- generation in the point of injection to the System from RES generation connected directly to System substations (System RES)
- generation from dispatchable co-generation units that has been characterised as high efficiency Co-Generation (System RES)
- estimation of generation in the Distribution Network (Network RES), which results from certified measurements for the Medium Voltage and measurements and estimations for the Low Voltage.

Conventional Generation Mix

EVOLUTION OF CONVENTIONAL GENERATION MIX (GWh)



Annex 2.1



OTHER FUEL

2021 2022

LIGNITE

2021 2022

HYDRO

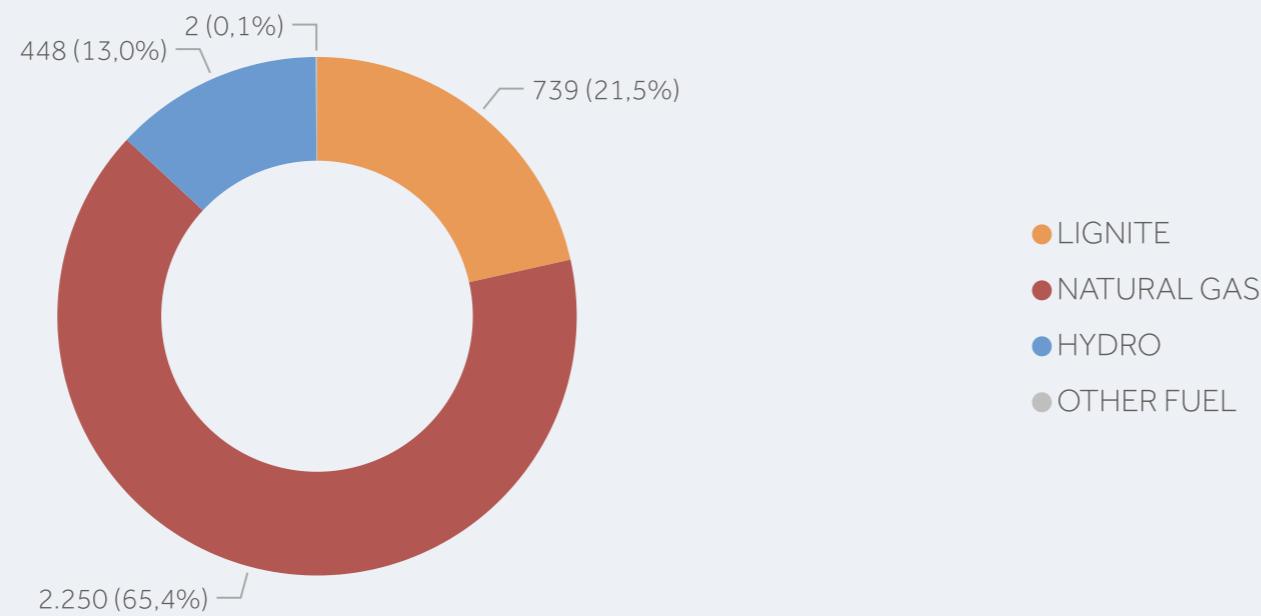
2021 2022

NATURAL GAS

2021 2022

CONVENTIONAL GENERATION MIX PER FUEL CATEGORY (GWh)

July 2022

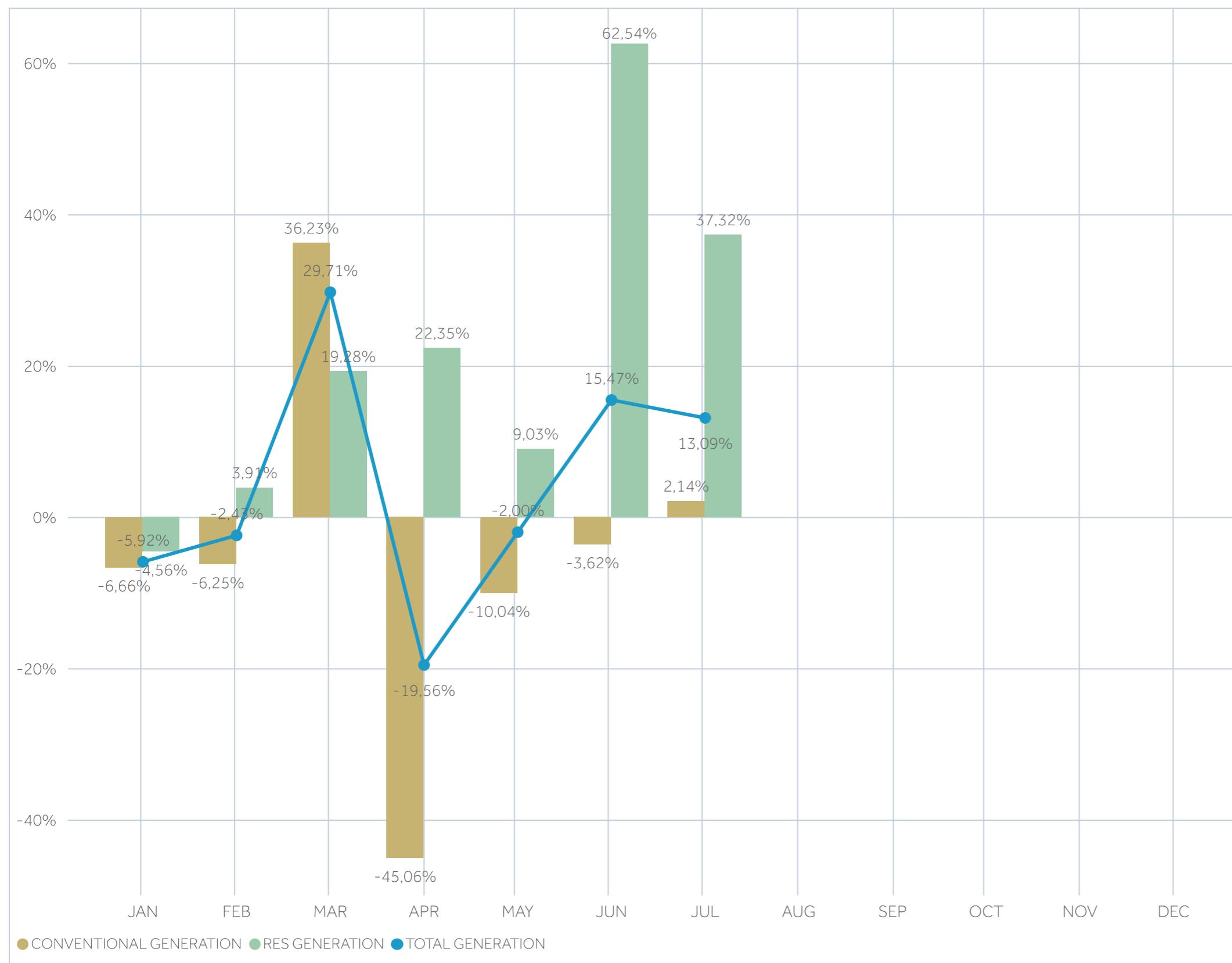


Notes

- Generation refers to the injection point in the System.
- Conventional Generation includes the generation of large scale hydro units, as well as the generation of dispatchable co-generation units that has not been characterised as high efficiency Co-Generation.

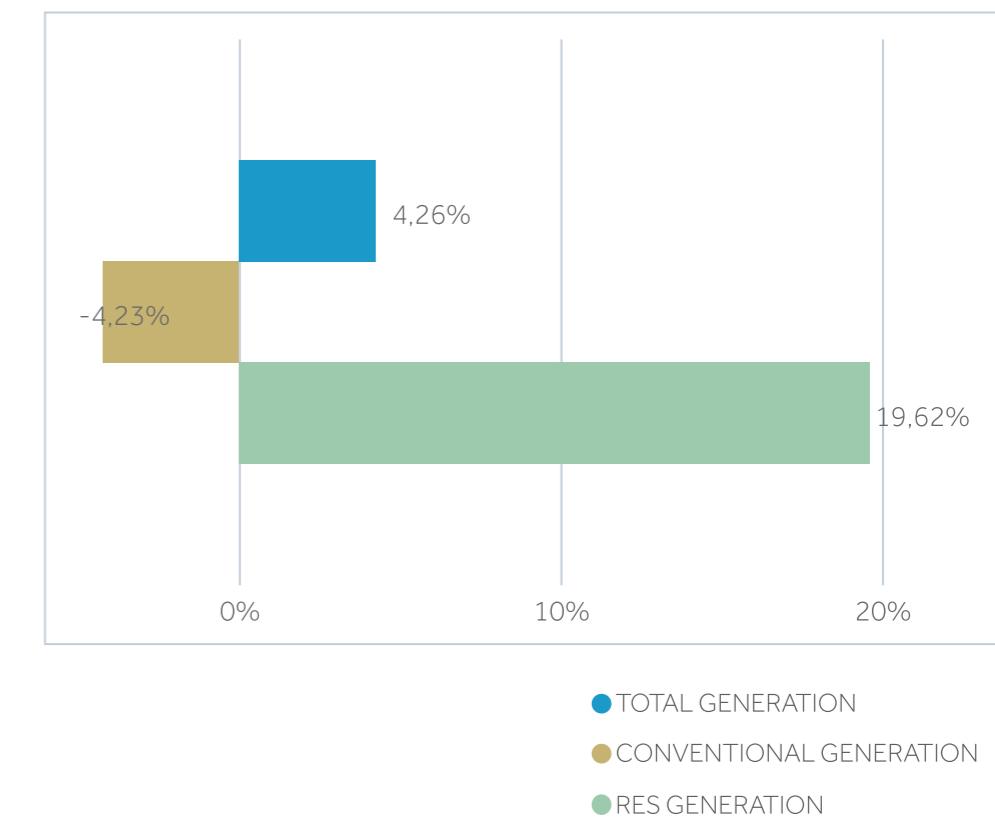
Variation of Generation in comparison to the previous year

VARIATION OF GENERATION in comparison to the same month of the previous year



VARIATION OF GENERATION

of current year in comparison to the same period of the previous year



Notes

Variation of generation refers to the net generation.

Total Generation includes the generation of conventional production units and RES units and refers to the injection point in the System.

Conventional Generation includes the generation of large scale hydro units, as well as the generation of dispatchable co-generation units that has not been characterised as high efficiency Co-Generation.

RES Generation includes

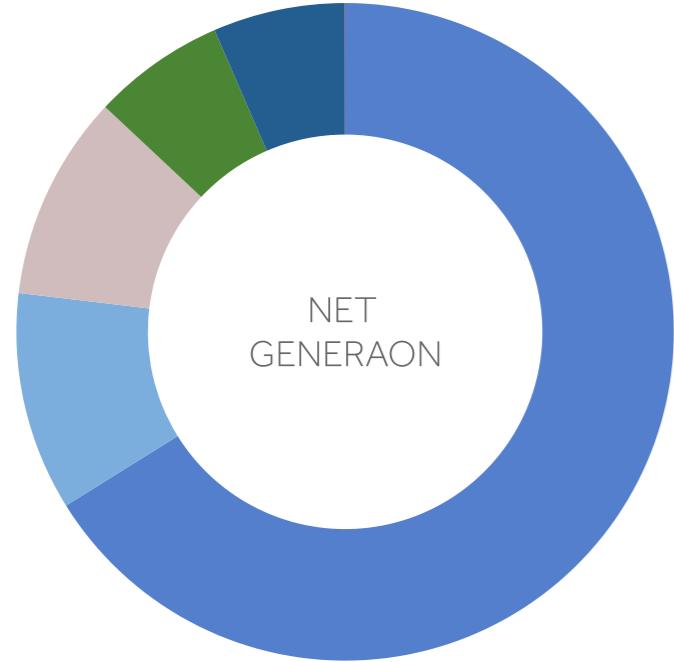
- generation in the point of injection to the System from RES generation connected directly to System substations (System RES)
- generation from dispatchable co-generation units that has been characterised as high efficiency Co-Generation (System RES)
- estimation of generation in the Distribution Network (Network RES), which results from certified measurements for the Medium Voltage and measurements and estimations for the Low Voltage.

Conventional Generation per Producer

NET CAPACITY (MW) - NET GENERATION (GWh)

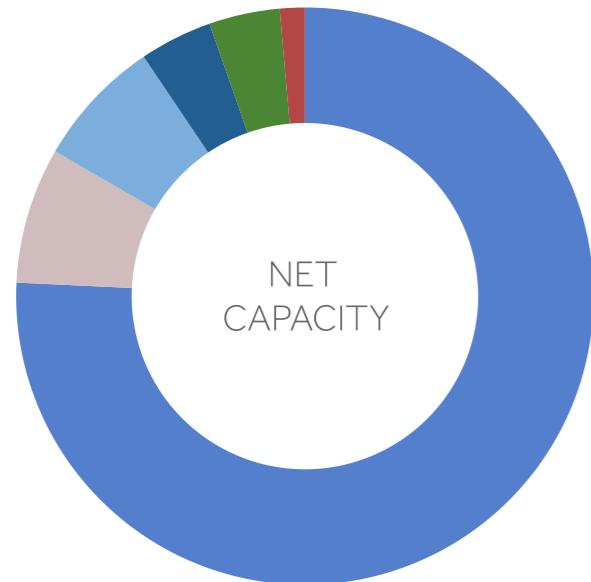
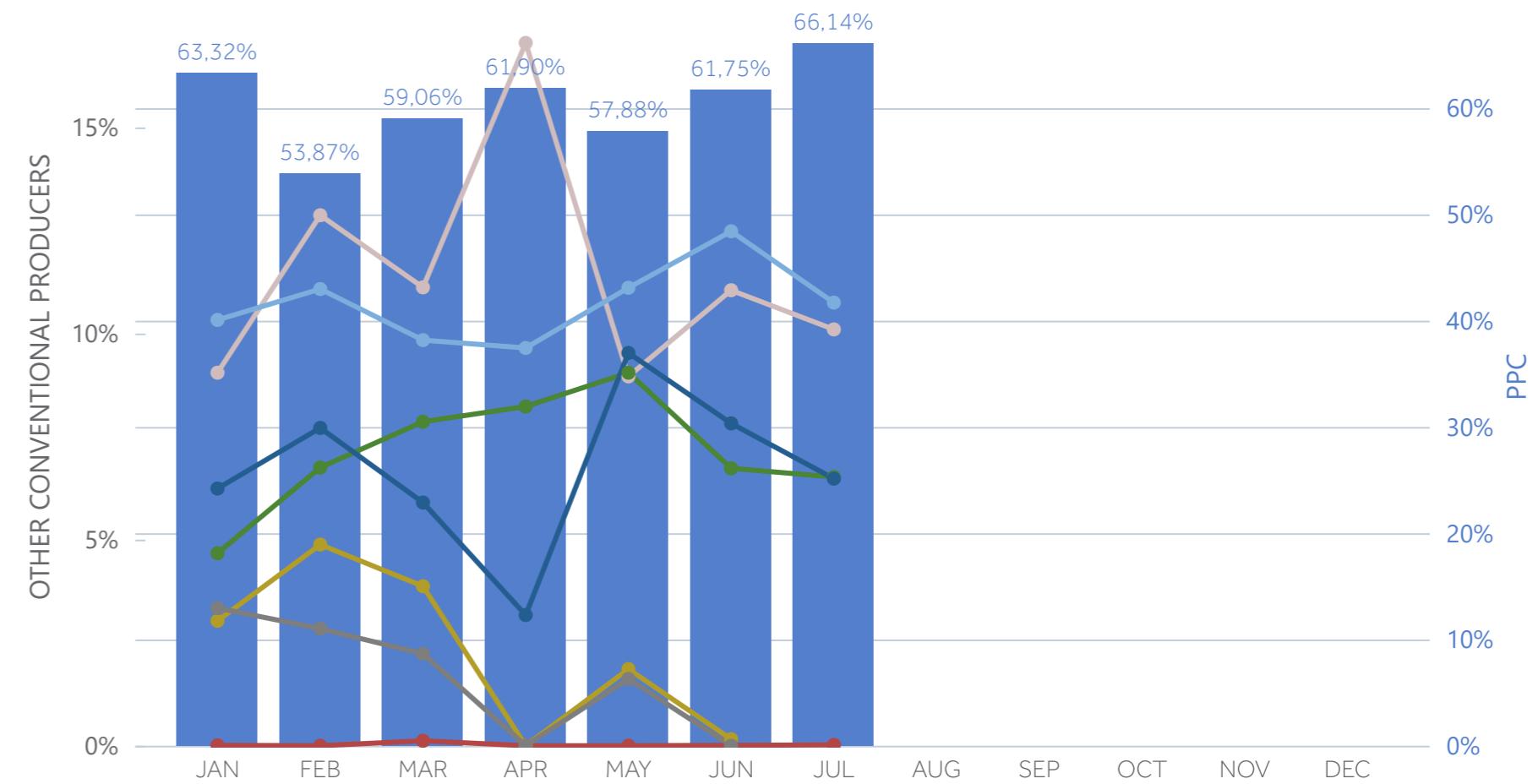
July 2022

 Annex 2.2



PERCENTAGE OF NET CONVENTIONAL GENERATION IN THE SYSTEM (%)

 Annex 2.3



Notes

- Generation refers to the injection point in the System.
- Conventional Generation includes the generation of large scale hydro units, as well as the generation of dispatchable co-generation units that has not been characterised as high efficiency Co-Generation.

Net Generation - Net Capacity by Dispatchable Generation Units in the System

Annex 2.4

NET GENERATION (GWh)

AGRAS	1,57
AOOS	13,95
ASOMATA	23,86
EDESSAIOS	1,04
ILARIONAS	12,48
KASTRAKI	45,28
KREMASTA	69,33
LADONAS	9,65
PLASTIRAS	59,66
PLATANOVRYSI	21,93
POLYFYTO	77,39
POURNARI1	12,37
POURNARI2	1,29
SFIKIA	37,35
STRATOS1	13,96
THESAVROS	46,46
AGIOS DIMITRIOS1	51,21
AGIOS DIMITRIOS2	44,90
AGIOS DIMITRIOS3	115,70
AGIOS DIMITRIOS4	145,44
AGIOS DIMITRIOS5	148,51
MEGALOPOLI3	0,00
MEGALOPOLI4	137,31
MELITI	96,31
ALIVERI5	249,30
ALOUMINIO	140,67
ELPEDISON THESS	212,26
ELPEDISON THISVI	144,72
HERON CC	230,39
KOMOTINI	227,98
KORINTHOS POWER	229,20
LAVRIO4	188,16
LAVRIO5	211,27
MEGALOPOLI5	274,50
PROTERGIA CC	239,32
HERON1	0,19
HERON2	0,22
HERON3	0,18

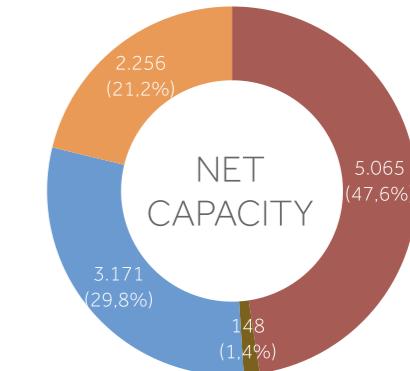
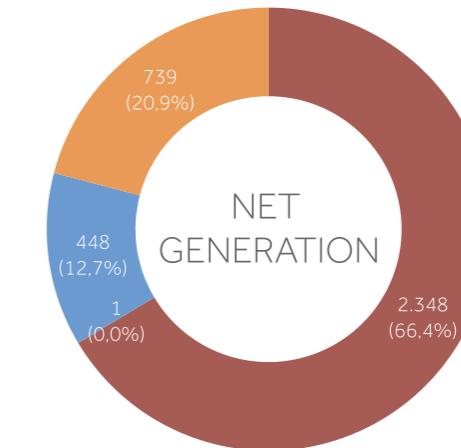
NET CAPACITY (MW)

50	4,22%
210	8,93%
108	29,69%
19	7,39%
153	10,96%
320	19,02%
437	21,31%
70	18,53%
130	61,73%
116	25,41%
375	27,74%
300	5,54%
34	5,17%
315	15,94%
150	12,51%
384	16,26%
274	25,12%
274	22,03%
283	54,95%
283	69,07%
342	58,37%
255	0,00%
256	72,09%
289	44,79%
417	80,35%
334	56,61%
400	71,29%
410	47,44%
422	73,35%
476	64,34%
433	71,07%
550	45,97%
378	75,19%
811	45,49%
433	74,34%
49	0,53%
49	0,59%
49	0,49%

UTILISATION COEFFICIENT (%)

4,22%	4,22%
8,93%	8,93%
29,69%	29,69%
7,39%	7,39%
10,96%	10,96%
19,02%	19,02%
21,31%	21,31%
18,53%	18,53%
61,73%	61,73%
25,41%	25,41%
27,74%	27,74%
5,54%	5,54%
5,17%	5,17%
15,94%	15,94%
12,51%	12,51%
16,26%	16,26%
25,12%	25,12%
22,03%	22,03%
54,95%	54,95%
69,07%	69,07%
58,37%	58,37%
0,00%	0,00%
72,09%	72,09%
44,79%	44,79%
80,35%	80,35%
56,61%	56,61%
71,29%	71,29%
47,44%	47,44%
73,35%	73,35%
64,34%	64,34%
71,07%	71,07%
45,97%	45,97%
75,19%	75,19%
45,49%	45,49%
74,34%	74,34%
0,53%	0,53%
0,59%	0,59%
0,49%	0,49%

	Net Capacity (MW)	Net Production (GWh)	Utilisation Coefficient (%)
N.G. Open Cycle	148	0,59	0,5%
Hydro	3.171	448	19,0%
Lignite	2.256	739	44,1%
N.G. Combined Cycle	5.065	2.348	62,3%

10.639 **3.535** **44,7%**


Notes

- Generation refers to the injection point in the System.
- Generation by dispatchable co-generation units that has not been characterised as high efficiency Co-Generation is the total generation (conventional and Co-Generation).
- Utilisation coefficient is the ratio of the monthly electricity generation to the maximum possible electricity generation during this period.

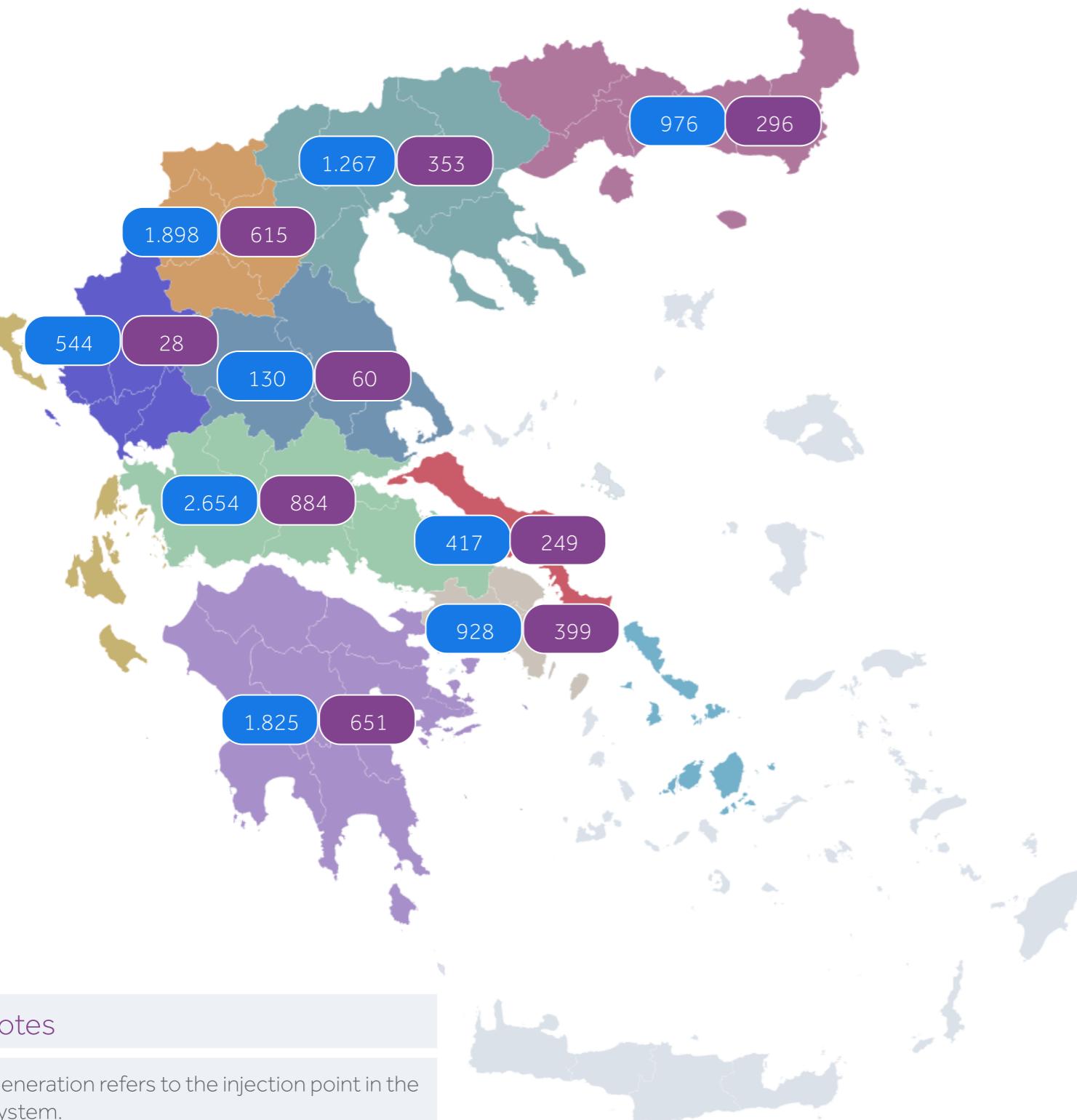
Geographical Distribution of Conventional Generation



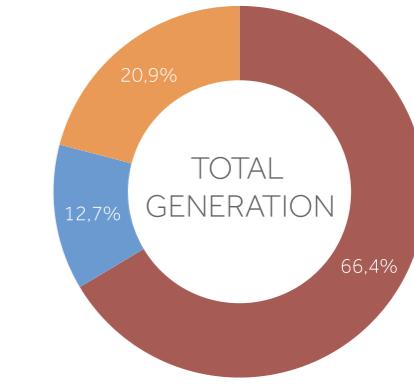
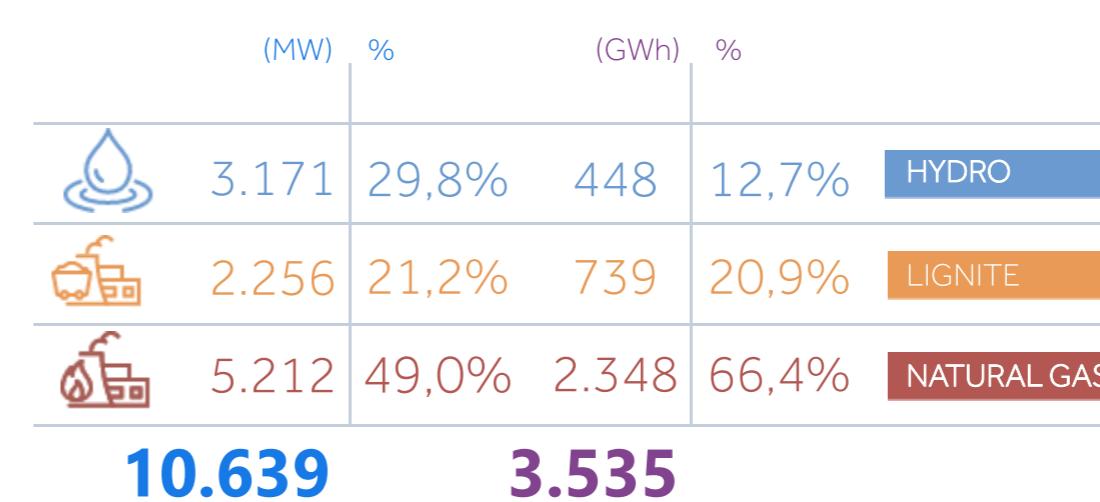
Annex 2.5

GEOGRAPHICAL DISTRIBUTION OF CONVENTIONAL GENERATION

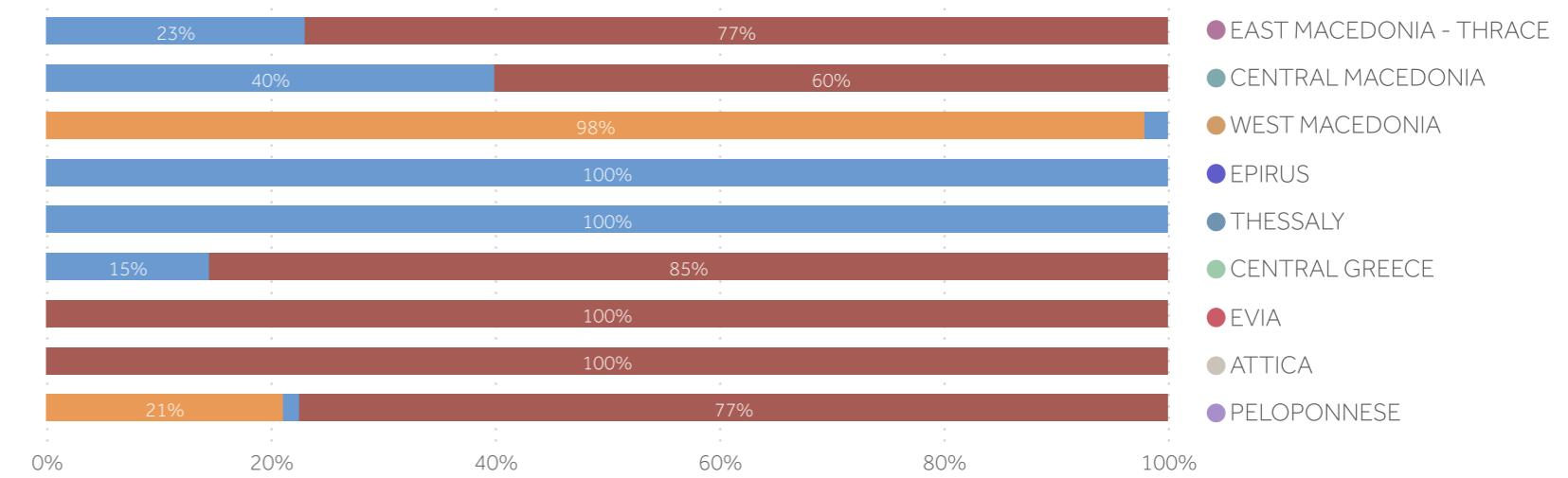
NET CAPACITY (MW) | NET GENERATION (GWh)



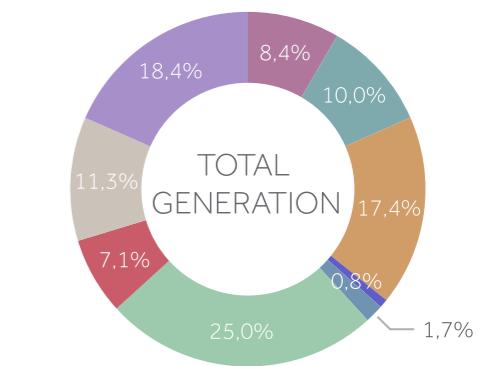
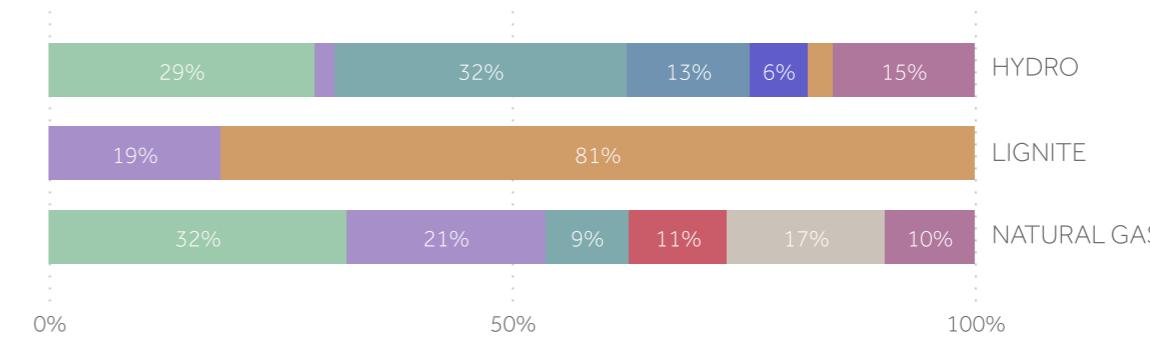
ENERGY MIX OF CONVENTIONAL GENERATION



per geographical area (%)



GEOGRAPHICAL DISTRIBUTION OF CONVENTIONAL GENERATION per fuel (%)



Notes

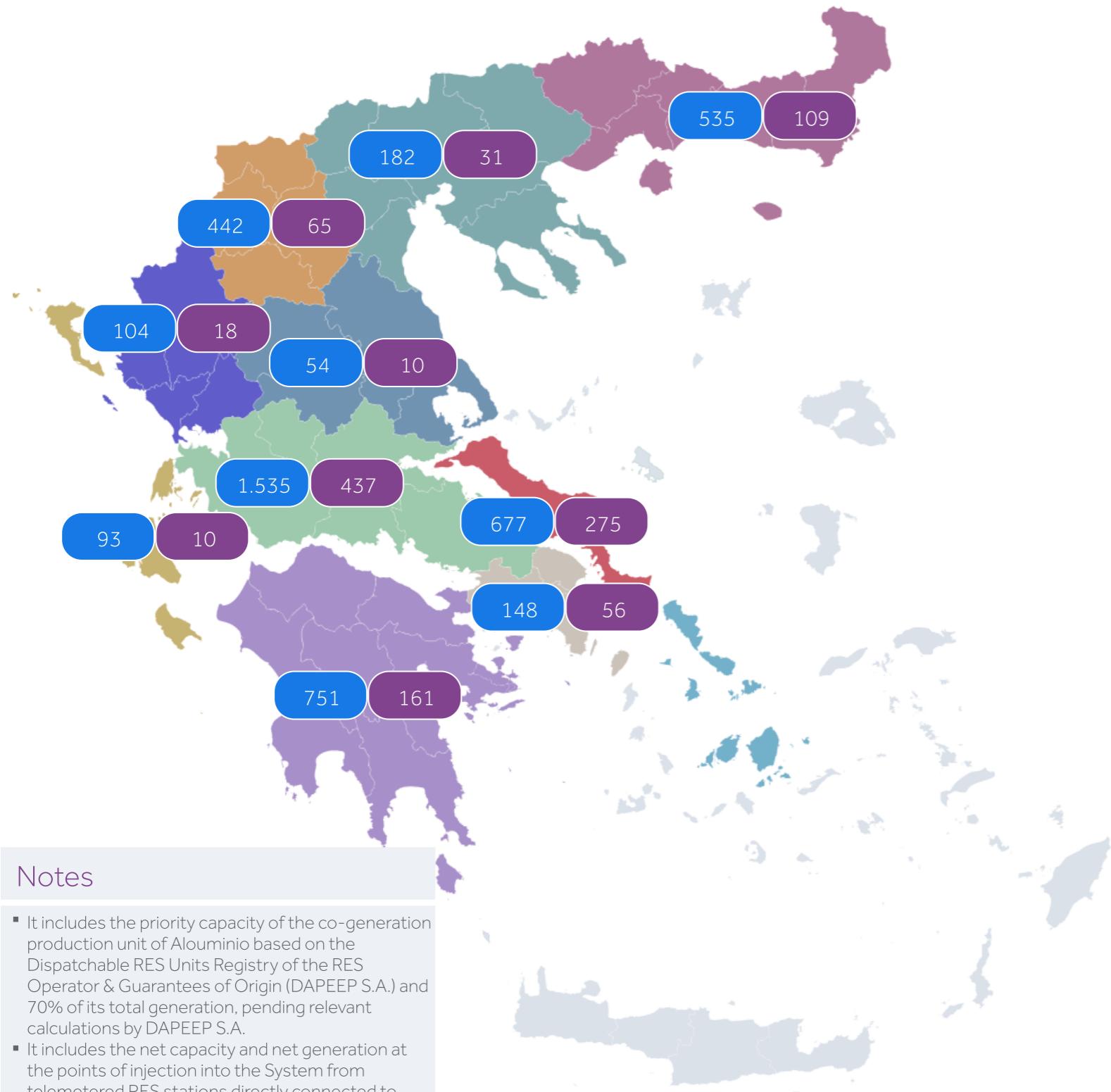
- Generation refers to the injection point in the System.
- Generation by dispatchable co-generation units that has not been characterised as high efficiency Co-Generation is the total generation (conventional and Co-Generation).

Geographical Distribution of System RES Generation

🔍 Annex 2.6

GEOGRAPHICAL DISTRIBUTION OF SYSTEM RES GENERATION

NET CAPACITY (MW) | NET GENERATION (GWh)



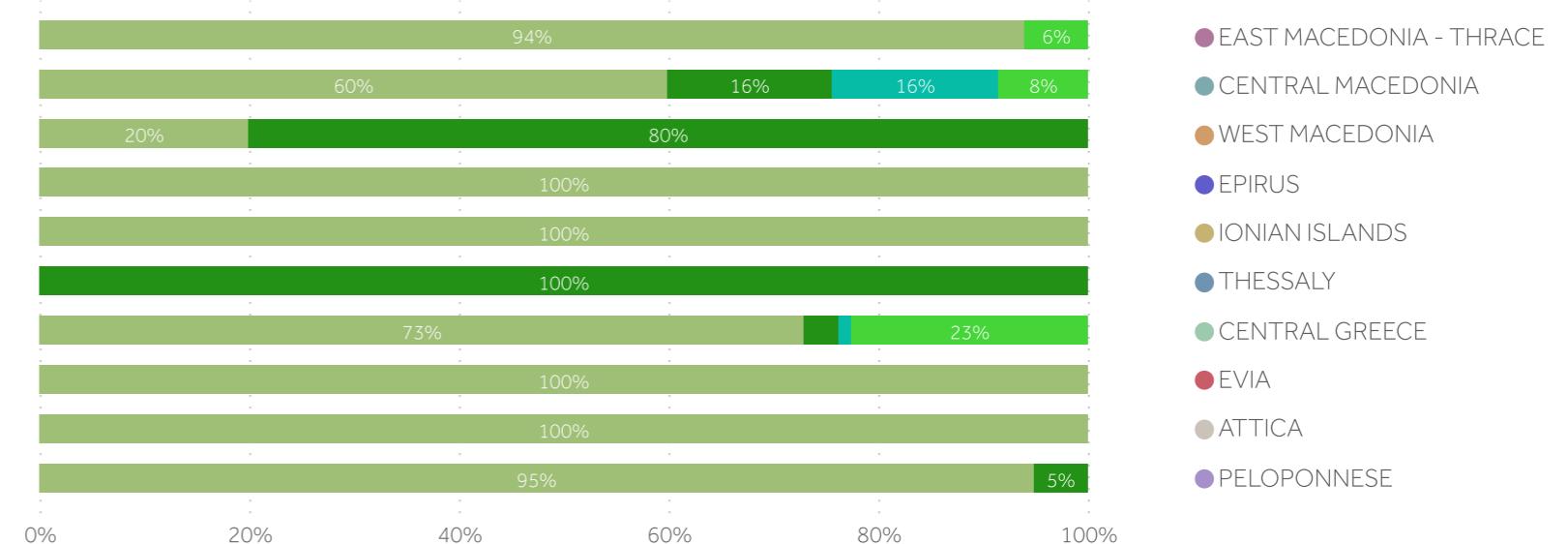
Notes

- It includes the priority capacity of the co-generation production unit of Aluminio based on the Dispatchable RES Units Registry of the RES Operator & Guarantees of Origin (DAPEEP S.A.) and 70% of its total generation, pending relevant calculations by DAPEEP S.A.
- It includes the net capacity and net generation at the points of injection into the System from telemetered RES stations directly connected to System's substations.
- In the geographical distribution, net capacity and net generation are included in the area where the connection point of the RES station to the System is located.

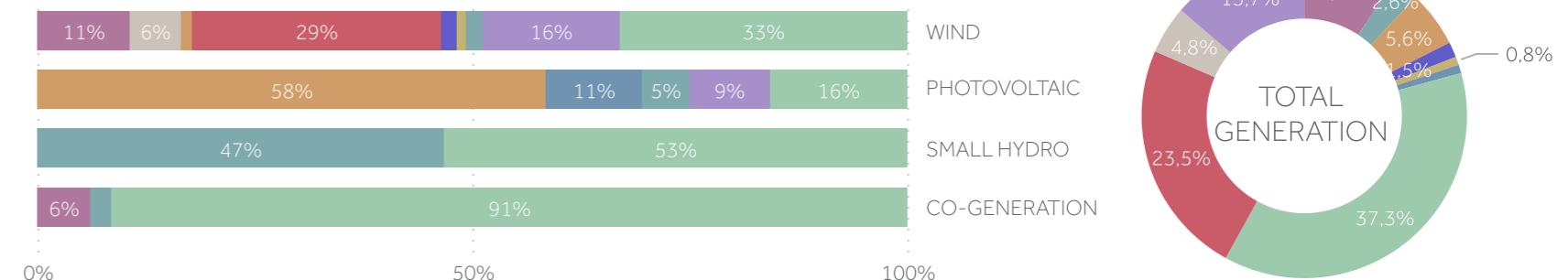
ENERGY MIX OF SYSTEM RES GENERATION

	(MW)	%	(GWh)	%	
	3.858	85,3%	964	82,3%	WIND
	461	10,2%	89	7,6%	PHOTOVOLTAIC
	37	0,8%	11	0,9%	SMALL HYDRO
	167	3,7%	108	9,2%	CO-GENERATION
	4.522		1.172		

per geographical area (%)



GEOGRAPHICAL DISTRIBUTION OF SYSTEM RES GENERATION per RES technology (%)



Energy on Interconnections

COMMERCIAL PROGRAMS¹ (GWh)

Variation in comparison to the same month of the previous year

Total

Imports

374 GWh

Exports

880 GWh

Balance

-506 GWh

↓ 56,45%

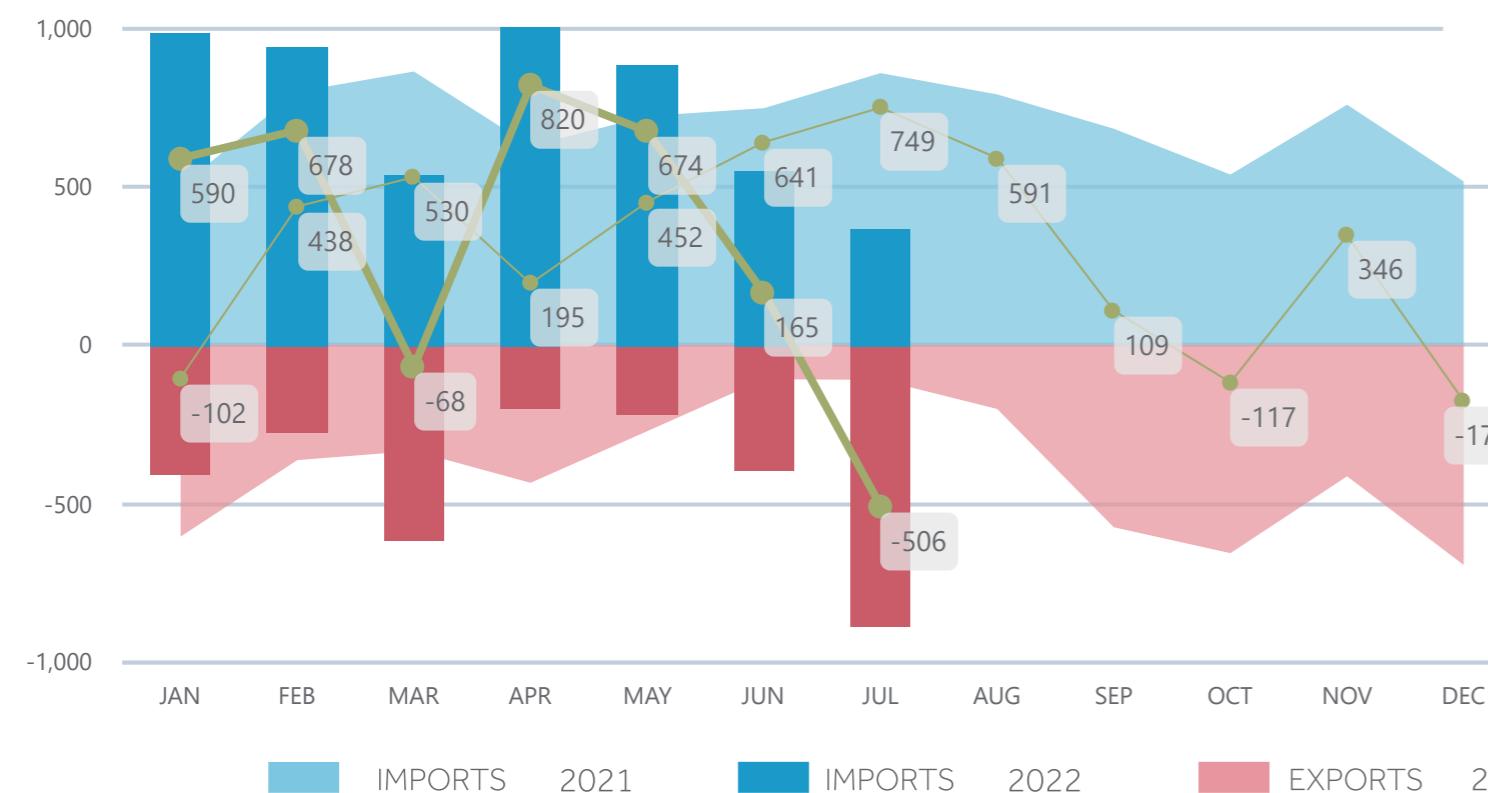
↑ 707,89%

↓ 1.255 GWh

EVOLUTION OF COMMERCIAL PROGRAMS (GWh)



Annex 2.7



PHYSICAL ENERGY FLOWS² (GWh)

Variation in comparison to the same month of the previous year

Total

Imports

331 GWh

Exports

841 GWh

Balance

-510 GWh

↓ 60,09%

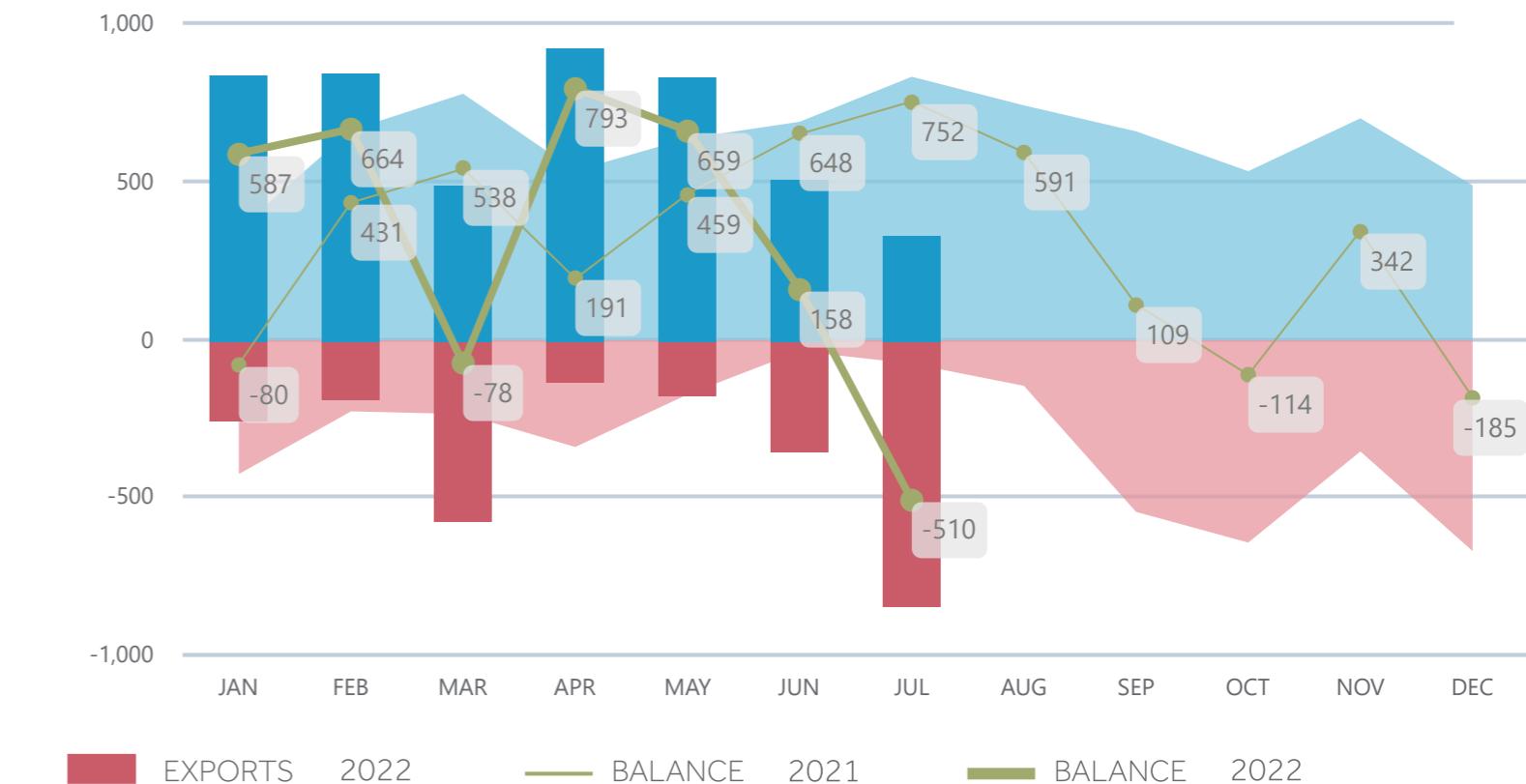
↑ 976,28%

↓ 1.262 GWh

EVOLUTION OF PHYSICAL ENERGY FLOWS (GWh)



Annex 2.8



Notes

1 Balance of commercial programs in the interconnections is calculated as the difference "Commercial Program Imports" - "Commercial Program Exports" for all the interconnections.

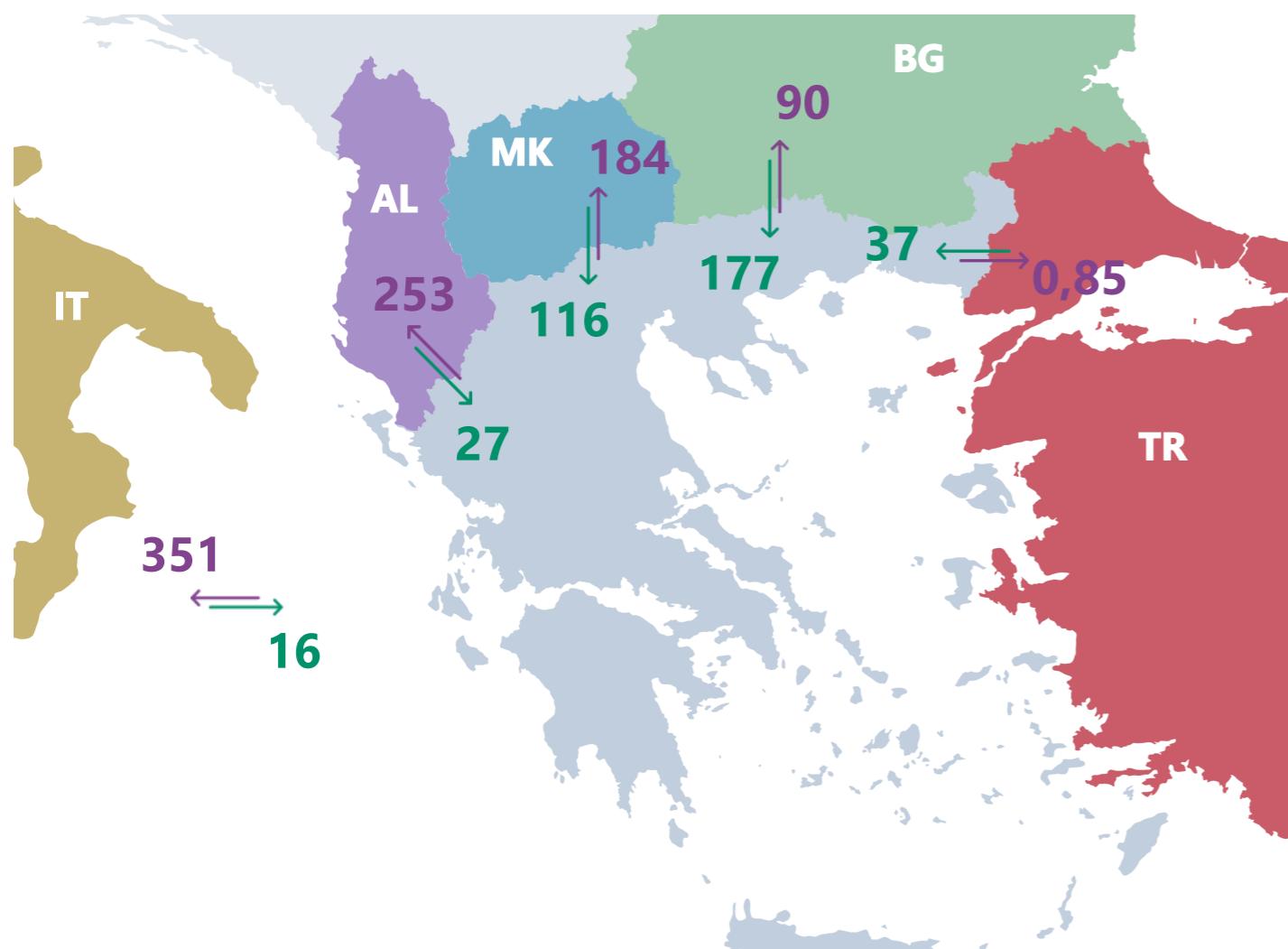
2 Balance of physical energy flows on the interconnections is calculated as the difference "Physical Flow Imports" - "Physical Flow Exports" for all the interconnections.

Commercial Programs per Interconnection

Interconnection Balance

-506 GWh  **1.255** GWh

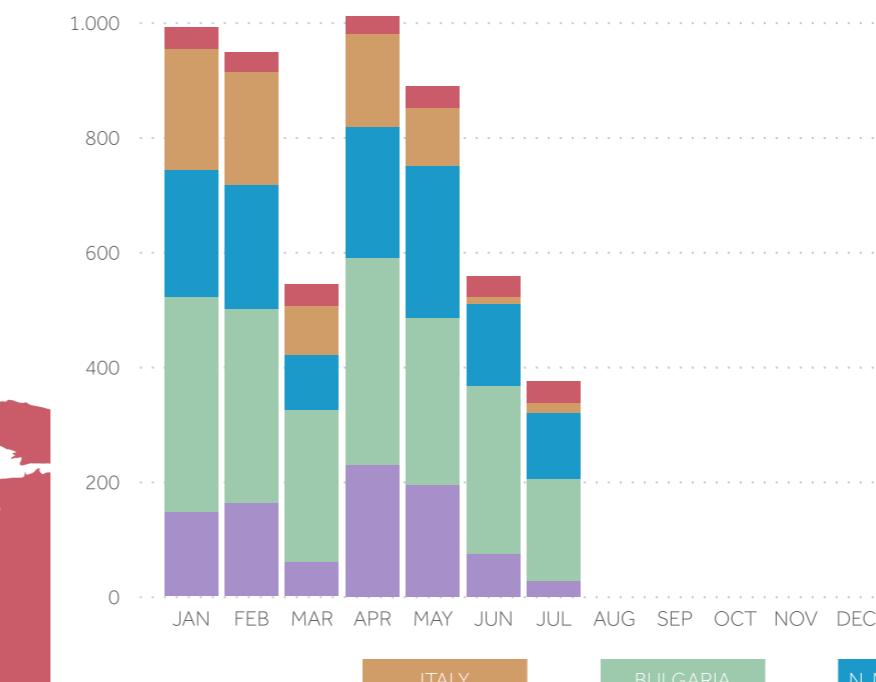
Variation in comparison to
the same month of the
previous year



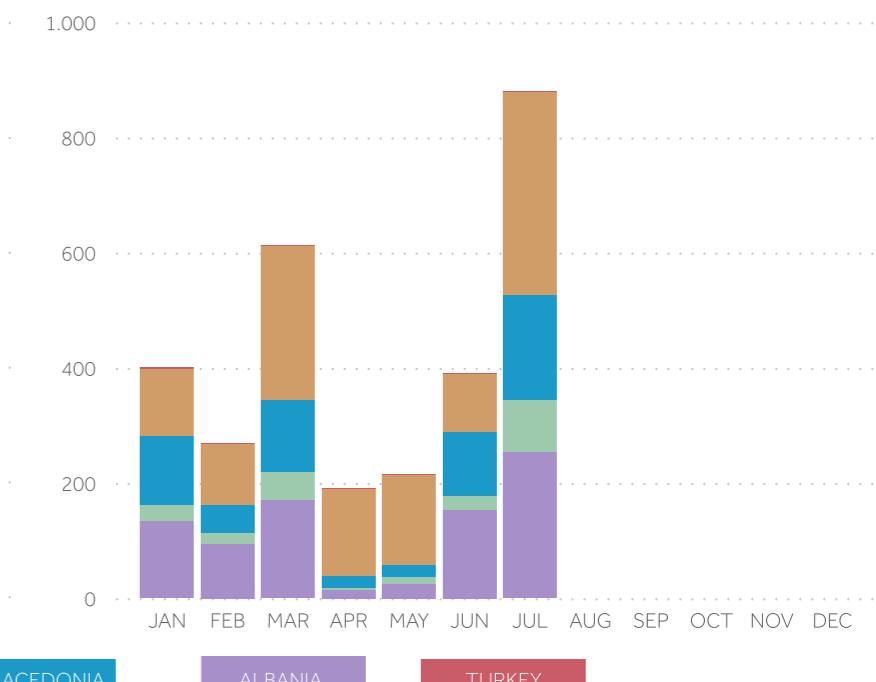
COMMERCIAL PROGRAMS PER INTERCONNECTION

Annex 2.9-2.10 

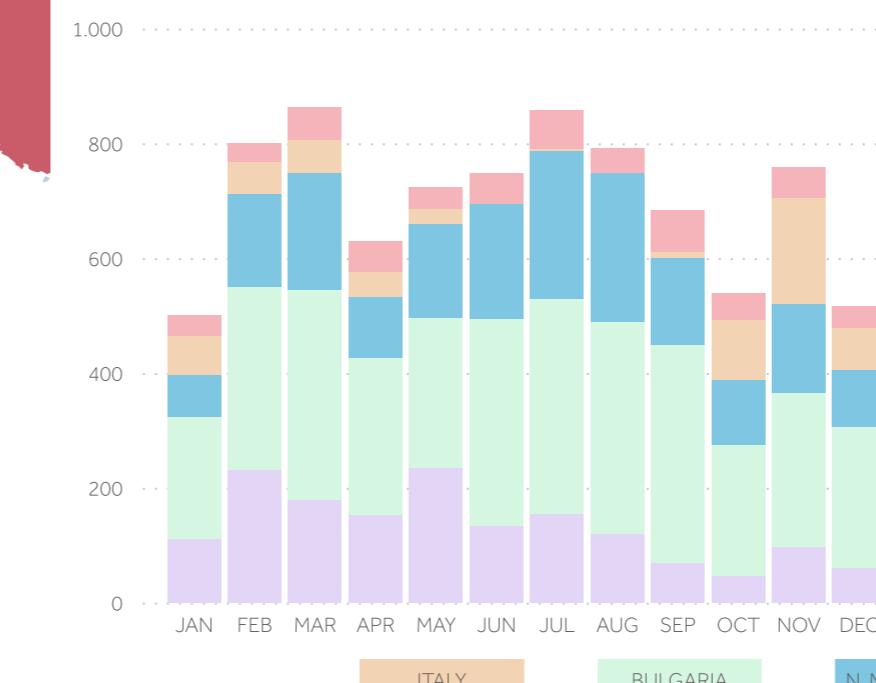
IMPORTS 2022



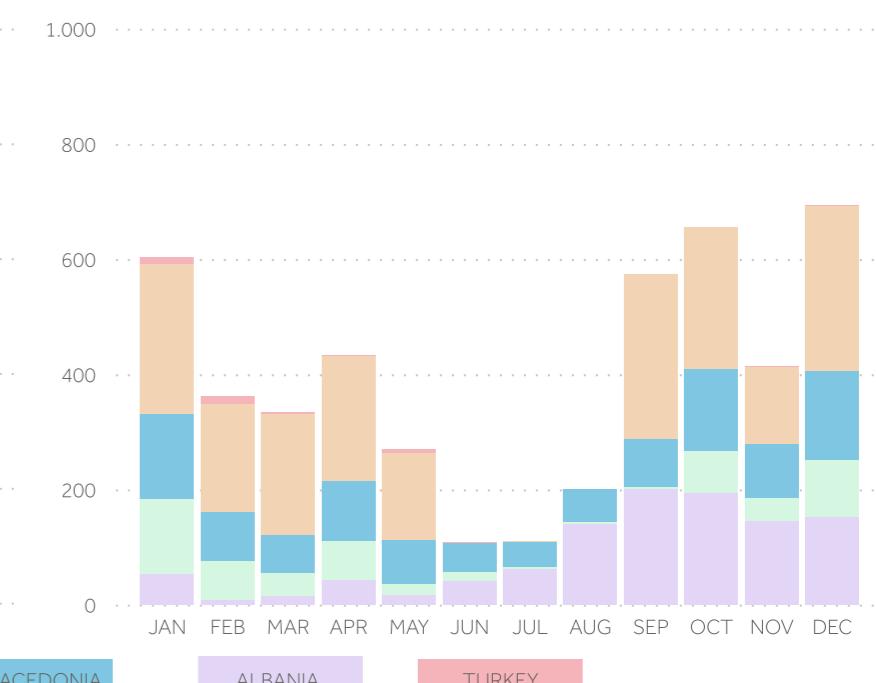
EXPORTS 2022



IMPORTS 2021



EXPORTS 2021





At a glance



Energy Balance



Demand



Generation



Interconnections



Annex

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MONTHLY ENERGY BULLETIN | July 2022 | 2nd VERSION

1.1 Demand by Consumption Category (GWh)

2021

MONTH	SYSTEM TO NETWORK BOUNDARY SUBSTATIONS	DEMAND SUPPLIED BY GENERATION UNITS ON THE NETWORK	HIGH VOLTAGE CONSUMERS	MINES	SELF-PRODUCTION	PUMPING	SYSTEM LOSSES	CRETE INTERCONNECTION	TOTAL DEMAND	SYSTEM DEMAND
JAN	3.327,48	410,06	567,95	28,31	23,48	13,43	114,37		4.485,08	4.075,02
FEB	2.888,72	461,75	518,86	26,62	25,56	6,98	102,67		4.031,16	3.569,41
MAR	2.966,64	556,62	543,54	30,16	23,10	0,49	95,08		4.215,63	3.659,01
APR	2.529,44	590,44	542,25	27,29	21,61	1,99	88,62		3.801,64	3.211,20
MAY	2.366,90	680,78	572,38	23,55	23,06	10,47	89,14		3.766,29	3.085,51
JUN	2.909,49	641,23	562,92	23,28	21,00	6,87	95,69		4.260,47	3.619,25
JUL	4.111,94	716,56	586,72	20,38	14,63	1,10	141,81	48,09	5.641,22	4.924,66
AUG	3.878,86	689,39	517,25	22,11	13,43	3,81	139,57	64,62	5.329,03	4.639,64
SEP	2.700,29	597,05	576,16	22,45	23,61	4,89	127,42	65,25	4.117,11	3.520,06
OCT	2.633,18	511,80	603,79	22,84	19,92	10,19	129,10	50,07	3.980,90	3.469,09
NOV	2.912,87	402,21	576,80	22,02	19,43	7,92	121,51	17,81	4.080,57	3.678,36
DEC	3.434,16	483,61	572,13	26,51	17,65	14,66	137,47	15,23	4.701,41	4.217,81
	36.659,96	6.741,49	6.740,75	295,51	246,49	82,81	1.382,44	261,07	52.410,52	45.669,03

2022

MONTH	SYSTEM TO NETWORK BOUNDARY SUBSTATIONS	DEMAND SUPPLIED BY GENERATION UNITS ON THE NETWORK	HIGH VOLTAGE CONSUMERS	MINES	SELF-PRODUCTION	PUMPING	SYSTEM LOSSES	CRETE INTERCONNECTION	TOTAL DEMAND	SYSTEM DEMAND
JAN	3.522,91	544,04	597,00	26,37	17,83	6,70	135,59	30,71	4.881,14	4.337,10
FEB	2.931,62	532,60	520,61	23,27	18,56	13,97	113,46	22,43	4.176,51	3.643,91
MAR	3.217,66	670,52	593,67	27,03	16,13	12,17	132,69	21,88	4.691,75	4.021,23
APR	2.157,97	766,85	560,25	23,92	26,07	28,79	97,46	36,49	3.697,80	2.930,94
MAY	2.264,01	831,88	577,75	23,28	23,58	18,46	93,17	68,73	3.900,86	3.068,98
JUN	2.739,92	812,17	548,12	21,37	19,85	16,53	112,67	58,24	4.328,86	3.516,69
JUL	3.342,34	917,51	554,78	22,30	14,25	13,21	135,30	19,79	5.019,48	4.101,98
AUG										
SEP										
OCT										
NOV										
DEC										
	20.176,42	5.075,56	3.952,18	167,55	136,27	109,82	820,34	258,27	30.696,40	25.620,85

1.2 Maximum and Minimum Hourly Total Demand (MW)

2021

MONTH	MAXIMUM TOTAL DEMAND	MAXIMUM TOTAL DEMAND DATE	MAXIMUM TOTAL DEMAND TIME	MINIMUM TOTAL DEMAND	MINIMUM TOTAL DEMAND DATE	MINIMUM TOTAL DEMAND TIME
JAN	8.754	18/01/2021	13:00	3.840	01/01/2021	6:00
FEB	8.574	16/02/2021	13:00	3.891	08/02/2021	5:00
MAR	7.567	23/03/2021	13:00	3.955	15/03/2021	6:00
APR	7.193	01/04/2021	14:00	3.618	30/04/2021	5:00
MAY	6.828	26/05/2021	13:00	3.204	03/05/2021	7:00
JUN	9.836	30/06/2021	15:00	3.778	13/06/2021	7:00
JUL	10.620	30/07/2021	14:00	5.090	25/07/2021	7:00
AUG	10.715	05/08/2021	15:00	4.856	22/08/2021	6:00
SEP	8.116	01/09/2021	14:00	4.102	12/09/2021	5:00
OCT	6.750	14/10/2021	13:00	3.934	25/10/2021	4:00
NOV	7.452	26/11/2021	13:00	3.863	07/11/2021	5:00
DEC	8.494	21/12/2021	19:00	4.245	27/12/2021	5:00

2022

MONTH	MAXIMUM TOTAL DEMAND	MAXIMUM TOTAL DEMAND DATE	MAXIMUM TOTAL DEMAND TIME	MINIMUM TOTAL DEMAND	MINIMUM TOTAL DEMAND DATE	MINIMUM TOTAL DEMAND TIME
JAN	9223	24/01/2022	12:00	4.057	02/01/2022	5:00
FEB	8311	03/02/2022	20:00	4.212	21/02/2022	5:00
MAR	8467	10/03/2022	14:00	4.173	28/03/2022	5:00
APR	6980	18/04/2022	21:00	3.295	25/04/2022	5:00
MAY	7220	27/05/2022	13:00	3.626	02/05/2022	7:00
JUN	8668	23/06/2022	14:00	3.988	12/06/2022	7:00
JUL	9512	28/07/2022	14:00	4.324	11/07/2022	5:00
AUG						
SEP						
OCT						
NOV						
DEC						

1.3 Maximum and Minimum Hourly System Demand (MW)

2021

MONTH	MAXIMUM SYSTEM DEMAND	MAXIMUM SYSTEM DEMAND DATE	MAXIMUM SYSTEM DEMAND TIME	MINIMUM SYSTEM DEMAND	MINIMUM SYSTEM DEMAND DATE	MINIMUM SYSTEM DEMAND TIME
JAN	8.371	19/01/2021	20:00	3.099	01/01/2021	15:00
FEB	8.153	17/02/2021	20:00	3.468	27/02/2021	15:00
MAR	7.131	23/03/2021	20:00	2.896	28/03/2021	15:00
APR	6.646	01/04/2021	21:00	2.375	30/04/2021	13:00
MAY	6.118	25/05/2021	22:00	1.728	02/05/2021	16:00
JUN	8.380	30/06/2021	22:00	2.992	13/06/2021	15:00
JUL	9.232	30/07/2021	20:00	4.135	25/07/2021	15:00
AUG	9.431	04/08/2021	22:00	3.516	15/08/2021	15:00
SEP	7.198	01/09/2021	21:00	2.904	26/09/2021	16:00
OCT	6.437	14/10/2021	20:00	2.749	03/10/2021	16:00
NOV	7.080	25/11/2021	20:00	3.295	21/11/2021	12:00
DEC	8.266	22/12/2021	20:00	3.880	27/12/2021	5:00

2022

MONTH	MAXIMUM SYSTEM DEMAND	MAXIMUM SYSTEM DEMAND DATE	MAXIMUM SYSTEM DEMAND TIME	MINIMUM SYSTEM DEMAND	MINIMUM SYSTEM DEMAND DATE	MINIMUM SYSTEM DEMAND TIME
JAN	8.622	27/01/2022	20:00	2.786	02/01/2022	13:00
FEB	7.937	03/02/2022	20:00	3.221	19/02/2022	13:00
MAR	8.052	10/03/2022	20:00	2.351	25/03/2022	12:00
APR	6.680	18/04/2022	21:00	1.016	24/04/2022	15:00
MAY	6.231	31/05/2022	22:00	2.412	20/05/2022	15:00
JUN	7.119	30/06/2022	22:00	2.813	19/06/2022	16:00
JUL	8.048	27/07/2022	22:00	2.877	10/07/2022	11:00
AUG						
SEP						
OCT						
NOV						
DEC						



At a glance



Energy Balance



Demand



Generation



Interconnections



Annex

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MONTHLY ENERGY BULLETIN | July 2022 | 2nd VERSION

1.4 Average Hourly Total Demand and System Demand (MW) Working Days of Month

2021

TIME	SYSTEM DEMAND	TOTAL DEMAND
1	6.880	7.057
2	6.427	6.605
3	6.119	6.297
4	5.921	6.101
5	5.798	5.981
6	5.792	5.979
7	5.864	6.083
8	6.226	6.661
9	6.543	7.439
10	6.691	8.128
11	6.675	8.569
12	6.663	8.876
13	6.779	9.171
14	6.975	9.415
15	7.005	9.384
16	6.988	9.186
17	7.074	8.972
18	7.359	8.828
19	7.747	8.689
20	7.996	8.460
21	8.019	8.243
22	8.078	8.265
23	7.753	7.937
24	7.501	7.684

2022

TIME	SYSTEM DEMAND	TOTAL DEMAND
1	5.960	6.183
2	5.585	5.810
3	5.334	5.560
4	5.211	5.438
5	5.131	5.362
6	5.142	5.377
7	5.187	5.457
8	5.479	6.028
9	5.568	6.750
10	5.418	7.325
11	5.194	7.690
12	5.041	7.942
13	5.044	8.166
14	5.120	8.298
15	5.080	8.183
16	5.087	7.942
17	5.250	7.710
18	5.695	7.602
19	6.320	7.546
20	6.856	7.436
21	7.027	7.293
22	7.090	7.305
23	6.712	6.926
24	6.457	6.670

1.5 Hourly Total Demand and System Demand (MW) Date of Monthly Maximum and Minimum

Date of Maximum

28/07/2022

Date of Minimum

11/07/2022

TIME	SYSTEM DEMAND	TOTAL DEMAND
1	6.890	7.049
2	6.429	6.597
3	6.081	6.257
4	5.863	6.050
5	5.731	5.931
6	5.712	5.923
7	5.746	5.991
8	6.035	6.533
9	6.227	7.363
10	6.190	8.063
11	6.152	8.630
12	6.185	9.079
13	6.231	9.368
14	6.307	9.512
15	6.422	9.494
16	6.354	9.168
17	6.606	8.976
18	7.042	8.780
19	7.440	8.533
20	7.755	8.260
21	7.805	8.032
22	7.800	8.018
23	7.454	7.681
24	7.191	7.436

TIME	SYSTEM DEMAND	TOTAL DEMAND
1	4.785	4.969
2	4.480	4.679
3	4.269	4.473
4	4.163	4.366
5	4.128	4.324
6	4.206	4.405
7	4.362	4.600
8	4.694	5.197
9	4.771	5.876
10	4.482	6.330
11	4.134	6.614
12	3.888	6.820
13	3.833	6.970
14	3.919	7.073
15	3.918	6.915
16	3.914	6.651
17	4.126	6.477
18	4.613	6.402
19	5.217	6.375
20	5.811	6.359
21	6.123	6.359
22	6.266	6.441
23	5.865	6.038
24	5.578	5.747



At a glance



Energy Balance



Demand



Generation



Interconnections



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MONTHLY ENERGY BULLETIN | July 2022 | 2nd VERSION

1.6 Analysis of Load Representatives' Supply (GWh)

LOAD REPRESENTATIVE	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	TOTAL
PPC	3.022,3	2.584,2	2.908,7	2.258,9	2.366,8	2.607,1	3.061,5	18.809,6
MYTILINEOS	322,8	282,0	316,4	255,3	275,6	317,0	359,2	2.128,3
HERON	298,6	267,4	293,2	237,1	254,0	289,3	336,2	1.975,8
ELPEDISON	276,7	233,8	266,6	234,9	236,4	257,2	303,6	1.809,2
NRG	200,8	171,5	194,1	150,2	163,3	188,7	220,3	1.288,9
WATT AND VOLT	117,0	93,8	101,9	72,7	73,8	86,8	106,2	652,2
ATTIKI GSC	98,5	83,1	91,3	73,2	79,2	91,1	103,8	620,3
VOLTERRA	87,1	83,3	90,8	74,9	81,6	91,0	99,8	608,4
ZENITH	92,8	75,7	85,8	62,1	63,2	74,7	93,4	547,7
VOLTON	73,8	59,3	68,1	49,6	49,2	55,4	65,3	420,7
PPC_USP	41,2	33,3	37,3	26,1	25,7	29,4	33,5	226,6
KEN	33,8	29,2	36,1	29,7	29,5	31,2	37,0	226,5
ELTA	12,7	10,8	11,2	8,0	8,1	10,1	12,0	73,1
ELINOIL	9,5	8,8	9,3	8,0	8,4	8,7	9,6	62,4
VIENER	8,5	8,5	8,6	6,8	7,7	8,8	7,6	56,4
EUNICE TRAD	3,7	3,3	3,9	3,2	3,8	4,6	5,1	27,6
OTE	2,6	2,2	2,4	2,0	2,0	1,2	2,2	14,5
LIG. MEGALOP	2,9	2,2	2,3	2,7	3,3	0,4		13,8
LIG. MELITIS	1,9	2,1	2,6	3,0	3,0	0,3		12,9
SOLAR ENERGY	1,1	1,0	1,3	1,0	1,1	1,2	1,6	8,3
MYTILINEOS_USP	1,3	1,1	1,2	0,9	0,8	1,0	1,9	8,3
HERON_USP	1,2	1,0	1,1	0,8	0,8	0,9	1,5	7,3
ELPEDISON_USP	1,1	0,9	1,0	0,7	0,7	0,8	1,8	7,0
NRG_USP	0,5	0,4	0,4	0,3	0,3	0,3	1,0	3,2
MARKOU	0,6	0,7	0,8	0,4	0,1	0,1	0,1	2,7
KOR_POWER	0,4	0,3	0,3	0,5	0,3	0,2	0,1	2,2
HERON2_V	0,5	0,3	0,0	0,6	0,3	0,2	0,1	2,0
VIOLAR	0,4	0,2	0,2	0,1	0,1	0,1	0,1	1,1
GREEN	0,3	0,2	0,2					0,7
SLR	0,0	0,0	0,0	0,1	0,0	0,1	0,0	0,2
TOTAL	4.714,8	4.040,6	4.537,2	3.563,8	3.739,0	4.158,0	4.864,4	29.617,8



At a glance



Energy Balance



Demand



Generation



Interconnections



Annex

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MONTHLY ENERGY BULLETIN | July 2022 | 2nd VERSION

1.7 Monthly Market Share of Load Representatives per voltage level (GWh/%)

LOAD REPRESENTATIVE	HV(GWh)	HV(%)	MV(GWh)	MV(%)	LV(GWh)	LV(%)	TOTAL(GWh)	TOTAL(%)
PPC	526,06	87,02%	468,86	41,58%	2.066,55	65,98%	3.061,47	62,94%
MYTILINEOS	0,54	0,09%	165,95	14,72%	192,68	6,15%	359,17	7,38%
HERON	3,94	0,65%	151,40	13,43%	180,83	5,77%	336,17	6,91%
ELPEDISON	73,59	12,17%	84,44	7,49%	145,60	4,65%	303,62	6,24%
NRG	0,09	0,02%	93,35	8,28%	126,83	4,05%	220,27	4,53%
WATT AND VOLT	0,00	0,00%	10,43	0,93%	95,77	3,06%	106,20	2,18%
ATTIKI GSC	0,00	0,00%	44,44	3,94%	59,36	1,90%	103,80	2,13%
VOLTERRA	0,15	0,02%	69,85	6,20%	29,75	0,95%	99,75	2,05%
ZENITH	0,00	0,00%	5,67	0,50%	87,74	2,80%	93,41	1,92%
VOLTON	0,00	0,00%	5,53	0,49%	59,76	1,91%	65,29	1,34%
KEN	0,00	0,00%	3,68	0,33%	33,34	1,06%	37,01	0,76%
PPC_USP	0,00	0,00%	0,00	0,00%	33,54	1,07%	33,54	0,69%
ELTA	0,00	0,00%	5,18	0,46%	6,87	0,22%	12,05	0,25%
ELINOIL	0,00	0,00%	6,76	0,60%	2,89	0,09%	9,64	0,20%
VIENER	0,00	0,00%	7,57	0,67%	0,01	0,00%	7,58	0,16%
EUNICE TRAD	0,01	0,00%	2,66	0,24%	2,46	0,08%	5,12	0,11%
OTE	0,00	0,00%	0,95	0,08%	1,22	0,04%	2,17	0,04%
MYTILINEOS_USP	0,00	0,00%	0,00	0,00%	1,87	0,06%	1,87	0,04%
ELPEDISON_USP	0,00	0,00%	0,00	0,00%	1,80	0,06%	1,80	0,04%
SOLAR ENERGY	0,00	0,00%	0,68	0,06%	0,91	0,03%	1,59	0,03%
HERON_USP	0,00	0,00%	0,00	0,00%	1,49	0,05%	1,49	0,03%
NRG_USP	0,00	0,00%	0,00	0,00%	1,04	0,03%	1,04	0,02%
HERON2_V	0,09	0,01%	0,00	0,00%	0,00	0,00%	0,09	0,00%
VIOLAR	0,00	0,00%	0,07	0,01%	0,01	0,00%	0,08	0,00%
KOR_POWER	0,08	0,01%	0,00	0,00%	0,00	0,00%	0,08	0,00%
MARKOU	0,00	0,00%	0,06	0,00%	0,00	0,00%	0,06	0,00%
SLR	0,00	0,00%	0,00	0,00%	0,02	0,00%	0,02	0,00%
TOTAL	604,54	100,00%	1.127,52	100,00%	3.132,32	100,00%	4.864,39	100,00%

2.1 Evolution of Energy Mix (GWh)

2021

MONTH	LIGNITE	NATURAL GAS	HYDRO	OTHER FUEL	SYSTEM RES	NETWORK RES	CRETE INTERCONNECTION (RES)	CONVENTIONAL GENERATION	SYSTEM GENERATION	TOTAL GENERATION
JAN	582,29	1.632,02	742,33	1,34	1.196,56	410,06	0,00	2.957,98	4.154,54	4.564,60
FEB	517,47	860,84	864,36	1,12	894,19	461,75	0,00	2.243,79	3.137,98	3.599,73
MAR	644,07	1.341,46	275,24	1,18	858,81	556,62	0,00	2.261,95	3.120,76	3.677,38
APR	411,78	1.614,59	217,61	1,33	775,22	590,44	0,00	2.245,31	3.020,53	3.610,97
MAY	363,37	1.220,89	327,66	1,57	713,41	680,78	0,00	1.913,49	2.626,89	3.307,67
JUN	253,90	1.947,59	366,87	1,68	400,72	641,23	0,00	2.570,04	2.970,75	3.611,98
JUL	458,76	2.406,90	499,77	1,81	805,71	716,56	0,00	3.367,24	4.172,95	4.889,51
AUG	622,20	2.254,44	458,92	1,69	711,66	689,39	0,00	3.337,25	4.048,91	4.738,30
SEP	357,92	1.991,02	240,40	2,13	819,14	597,05	0,00	2.591,47	3.410,60	4.007,65
OCT	361,53	1.897,81	253,16	2,06	1.068,13	511,80	0,00	2.514,56	3.582,69	4.094,49
NOV	296,69	1.818,20	233,43	2,13	981,95	402,21	3,92	2.350,45	3.336,32	3.738,53
DEC	470,82	1.887,55	814,27	2,25	1.225,63	483,61	2,23	3.174,88	4.402,74	4.886,35
	5.340,79	20.873,30	5.294,02	20,28	10.451,13	6.741,49	6,15	31.528,39	41.985,67	48.727,15

2022

MONTH	LIGNITE	NATURAL GAS	HYDRO	OTHER FUEL	SYSTEM RES	NERWORK RES	CRETE INTERCONNECTION (RES)	CONVENTIONAL GENERATION	SYSTEM GENERATION	TOTAL GENERATION
JAN	509,09	1.566,93	682,67	2,20	986,99	544,04	2,33	2.760,90	3.750,21	4.294,25
FEB	412,58	1.483,14	205,77	2,03	874,82	532,60	1,47	2.103,53	2.979,82	3.512,42
MAR	671,61	2.070,20	337,68	2,03	1.016,52	670,52	1,30	3.081,53	4.099,35	4.769,86
APR	176,13	827,20	228,32	1,92	902,05	766,85	2,02	1.233,57	2.137,64	2.904,49
MAY	222,83	1.184,08	312,27	2,21	687,77	831,88	0,38	1.721,39	2.409,54	3.241,41
JUN	468,10	1.627,53	379,16	2,34	880,93	812,17	0,43	2.477,12	3.358,49	4.170,65
JUL	739,38	2.249,90	447,56	2,40	1.171,81	917,51	1,11	3.439,24	4.612,16	5.529,66
AUG										
SEP										
OCT										
NOV										
DEC										
	3.199,71	11.008,99	2.593,44	15,13	6.520,89	5.075,56	9,03	16.817,27	23.347,19	28.422,75



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2.2 Analysis of Conventional Generation per Producer (GWh/%)

PRODUCER	NET GENERATION (GWh)	NET GENERATION (%)	NET CAPACITY (MW)	NET CAPACITY (%)
PPC	2.338,16	66,14%	8.058,86	75,75%
MYTILINEOS	380,00	10,75%	766,70	7,21%
ELPEDISON	356,98	10,10%	810,18	7,62%
HERON2_V	230,39	6,52%	422,14	3,97%
KOR_POWER	229,20	6,48%	433,46	4,07%
HERON	0,59	0,02%	147,76	1,39%
TOTAL	3.535,32	100,00%	10.639,11	100,00%

2.3 Evolution of Conventional Generation per Producer (GWh)

PRODUCER	2022-01	2022-02	2022-03	2022-04	2022-05	2022-06	2022-07	TOTAL
PPC	1.797,9	1.167,4	1.861,7	801,0	1.035,1	1.577,7	2.338,2	10.579,0
ELPEDISON	257,0	278,9	350,4	220,7	160,2	282,4	357,0	1.906,5
MYTILINEOS	293,3	240,2	310,2	124,9	198,7	318,9	380,0	1.866,1
HERON 2 VIOTIAS	132,5	146,4	247,8	106,4	161,8	172,0	230,4	1.197,3
KORINTHOS POWER	177,3	167,0	186,1	41,1	170,4	199,8	229,2	1.170,9
LIG. MEGALOPOLIS	86,2	105,7	122,1	0,0	33,3	4,0		351,2
LIG. MELITIS	94,8	61,6	70,4	0,0	28,9	0,0		255,8
HERON	0,4	0,1	3,7	0,0	0,0	0,1	0,6	4,9
TOTAL	2.839,3	2.167,3	3.152,4	1.294,0	1.788,3	2.555,0	3.535,3	17.331,6

2.4 Net Generation - Net Capacity of Conventional Production Units in the System

PRODUCTION UNIT	PRODUCER	FUEL/TECHNOLOGY	NET CAPACITY (MW)	NET GENERATION (GWh)	UTILISATION COEFFICIENT (%)
AGIOS DIMITRIOS1	PPC	LIGNITE	274,00	51,21	25,12%
AGIOS DIMITRIOS2	PPC	LIGNITE	274,00	44,90	22,03%
AGIOS DIMITRIOS3	PPC	LIGNITE	283,00	115,70	54,95%
AGIOS DIMITRIOS4	PPC	LIGNITE	283,00	145,44	69,07%
AGIOS DIMITRIOS5	PPC	LIGNITE	342,00	148,51	58,37%
MEGALOPOLI3	PPC	LIGNITE	255,00	0,00	0,00%
MEGALOPOLI4	PPC	LIGNITE	256,00	137,31	72,09%
MELITI	PPC	LIGNITE	289,00	96,31	44,79%
AGRAS	PPC	HYDRO	50,00	1,57	4,22%
AOOS	PPC	HYDRO	210,00	13,95	8,93%
ASOMATA	PPC	HYDRO	108,00	23,86	29,69%
EDESSAIOS	PPC	HYDRO	19,00	1,04	7,39%
ILARIONAS	PPC	HYDRO	153,00	12,48	10,96%
KASTRAKI	PPC	HYDRO	320,00	45,28	19,02%
KREMASTA	PPC	HYDRO	437,20	69,33	21,31%
LADONAS	PPC	HYDRO	70,00	9,65	18,53%
PLASTIRAS	PPC	HYDRO	129,90	59,66	61,73%
PLATANOVRYSI	PPC	HYDRO	116,00	21,93	25,41%
POLYFYTO	PPC	HYDRO	375,00	77,39	27,74%
POURNARI1	PPC	HYDRO	300,00	12,37	5,54%
POURNARI2	PPC	HYDRO	33,60	1,29	5,17%
SFIKIA	PPC	HYDRO	315,00	37,35	15,94%
STRATOS1	PPC	HYDRO	150,00	13,96	12,51%
THESAVROS	PPC	HYDRO	384,00	46,46	16,26%
ALIVERI5	PPC	NATURAL GAS	417,00	249,30	80,35%
ALOUMINIO	MYTILINEOS	NATURAL GAS	334,00	140,67	56,61%
ELPEDISON THESS	ELPEDISON	NATURAL GAS	400,18	212,26	71,29%
ELPEDISON THISVI	ELPEDISON	NATURAL GAS	410,00	144,72	47,44%
HERON CC	HERON2_V	NATURAL GAS	422,14	230,39	73,35%
KOMOTINI	PPC	NATURAL GAS	476,30	227,98	64,34%
KORINTHOS POWER	KOR_POWER	NATURAL GAS	433,46	229,20	71,07%
LAVRIO4	PPC	NATURAL GAS	550,20	188,16	45,97%
LAVRIO5	PPC	NATURAL GAS	377,66	211,27	75,19%
MEGALOPOLI5	PPC	NATURAL GAS	811,00	274,50	45,49%
PROTERGIA CC	MYTILINEOS	NATURAL GAS	432,70	239,32	74,34%
HERON1	HERON	NATURAL GAS	49,25	0,19	0,53%
HERON2	HERON	NATURAL GAS	49,25	0,22	0,59%
HERON3	HERON	NATURAL GAS	49,25	0,18	0,49%
TOTAL			10.639,11	3.535,32	44,66%

Notes

- Generation refers to the injection point in the System.
- Generation for the dispatchable co-generation units that has not been characterised as high efficiency Co-Generation is the total generation (conventional and Co-Generation).
- Utilisation coefficient is the ratio of the monthly electricity generation to the maximum possible electricity generation during this period.

2.5 Geographical Distribution of Conventional Generation

FUEL AREA	HYDRO		LIGNITE		NATURAL GAS		TOTAL	
	NET GENERATION (GWh)	NET CAPACITY (MW)	NET GENERATION (GWh)	NET CAPACITY (MW)	NET GENERATION (GWh)	NET CAPACITY (MW)	NET GENERATION (GWh)	NET CAPACITY (MW)
ATTICA					399,44	928	399,44	928
CENTRAL GREECE	128,56	907			755,69	1.747	884,25	2.654
CENTRAL MACEDONIA	141,21	867			212,26	400	353,46	1.267
EAST MACEDONIA - THRACE	68,39	500			227,98	476	296,37	976
EPIRUS	27,62	544					27,62	544
EVIA					249,30	417	249,30	417
PELOPONNESE	9,65	70	137,31	511	503,71	1.244	650,66	1.825
THESSALY	59,66	130					59,66	130
WEST MACEDONIA	12,48	153	602,07	1.745			614,55	1.898
TOTAL	447,56	3.171	739,38	2.256	2.348,38	5.212	3.535,32	10.639

Notes

- Generation refers to the injection point in the System.
- Generation by dispatchable co-generation units that has not been characterised as high efficiency Co-Generation. is the total generation (conventional and Co-Generation).

2.6 Geographical Distribution of System RES Generation

RES TECHNOLOGY AREA	CO-GENERATION		PHOTOVOLTAIC		SMALL HYDRO		WIND		TOTAL	
	NET GENERATION (GWh)	NET CAPACITY (MW)								
ATTICA							56,05	148	56,05	148
CENTRAL GREECE	98,47	133	14,13	63	5,62	20	318,59	1.319	436,81	1.535
CENTRAL MACEDONIA	2,63	16	4,84	29	4,93	11	18,53	127	30,93	182
EAST MACEDONIA - THRACE	6,59	18					102,82	518	109,41	535
EPIRUS							17,85	104	17,85	104
EVIA							275,37	677	275,37	677
IONIAN ISLANDS							9,64	93	9,64	93
PELOPONNESE			8,29	47			152,22	705	160,50	751
THESSALY			9,89	48	0,00	6			9,89	54
WEST MACEDONIA			52,31	274			13,03	167	65,35	442
TOTAL	107,69	167	89,47	461	10,55	37	964,10	3.858	1.171,81	4.522

Notes

- It includes the priority capacity of the co-generation production unit of Alouminio based on the Dispatchable RES Units Registry of the RES Operator & Guarantees of Origin (DAPEEP S.A.) and 70% of its total generation, pending relevant calculations by DAPEEP S.A.
- It includes the net capacity and net generation at the points of injection into the System from telemetered RES stations directly connected to System's substations.
- In the geographical distribution, net capacity and net generation are included in the area where the connection point of the RES station to the System is located.

2.7 Evolution of Commercial Programs (GWh)

2021

MONTH	EXPORTS (GWh)	IMPORTS (GWh)	BALANCE (GWh)
JAN	603,121	500,909	-102,212
FEB	361,974	799,830	437,856
MAR	333,074	863,418	530,344
APR	433,611	628,443	194,832
MAY	270,759	722,757	451,998
JUN	107,078	747,669	640,591
JUL	108,866	858,307	749,441
AUG	200,692	791,192	590,500
SEP	573,718	682,957	109,239
OCT	655,357	538,387	-116,970
NOV	413,115	758,753	345,638
DEC	692,690	516,846	-175,844
TOTAL	4.754,055	8.409,468	3.655,413

2.8 Evolution of Physical Energy Flows (GWh)

2021

MONTH	EXPORTS (GWh)	IMPORTS (GWh)	BALANCE (GWh)
JAN	427,568	348,052	-79,516
FEB	229,332	660,764	431,432
MAR	237,730	775,981	538,251
APR	342,065	532,735	190,670
MAY	175,949	634,568	458,618
JUN	38,741	687,232	648,491
JUL	78,177	829,893	751,716
AUG	148,522	739,258	590,735
SEP	547,523	656,978	109,456
OCT	644,564	530,967	-113,597
NOV	356,218	698,259	342,041
DEC	671,301	486,369	-184,932
TOTAL	3.897,691	7.581,057	3.683,366

2022

MONTH	EXPORTS (GWh)	IMPORTS (GWh)	BALANCE (GWh)
JAN	400,744	990,513	589,769
FEB	269,469	947,492	678,023
MAR	612,120	543,888	-68,232
APR	190,996	1.010,597	819,601
MAY	214,245	888,629	674,384
JUN	391,646	556,808	165,162
JUL	879,519	373,762	-505,757
AUG			
SEP			
OCT			
NOV			
DEC			
TOTAL	2.958,739	5.311,689	2.352,950

2022

MONTH	EXPORTS (GWh)	IMPORTS (GWh)	BALANCE (GWh)
JAN	254,203	841,095	586,892
FEB	183,817	847,909	664,091
MAR	569,589	491,477	-78,112
APR	132,667	925,971	793,304
MAY	175,224	834,672	659,447
JUN	350,938	509,147	158,209
JUL	841,402	331,219	-510,183
AUG			
SEP			
OCT			
NOV			
DEC			
TOTAL	2.507,840	4.781,489	2.273,649

2.9 Commercial Programs of Imports per Border (GWh)

2021	INTERCONNECTION	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
	ALBANIA	112,140	230,971	179,442	152,758	234,191	134,640	155,153	120,287	69,445	47,248	97,234	61,083	1.594,592
	BULGARIA	212,773	319,032	366,026	274,673	260,930	359,917	374,687	368,412	379,675	227,381	268,104	245,977	3.657,587
	ITALY	68,338	56,556	57,244	43,346	25,433	0,000	3,828	0,000	10,540	104,140	183,533	74,013	626,971
	N. MACEDONIA	71,447	161,798	203,682	104,957	165,335	199,162	257,490	260,543	151,297	113,918	155,938	98,523	1.944,090
	TURKEY	36,211	31,473	57,024	52,709	36,868	53,950	67,149	41,950	72,000	45,700	53,944	37,250	586,228
	TOTAL	500,909	799,830	863,418	628,443	722,757	747,669	858,307	791,192	682,957	538,387	758,753	516,846	8.409,468

2022	INTERCONNECTION	1	2	3	4	5	6	7	TOTAL
	ALBANIA	147,490	163,144	60,643	228,934	194,236	74,000	26,647	895,094
	BULGARIA	374,953	337,030	264,373	360,108	290,351	293,137	177,270	2.097,222
	ITALY	210,696	197,158	86,204	163,501	102,648	12,128	16,427	788,762
	N. MACEDONIA	220,180	216,560	95,520	228,066	264,194	141,547	116,238	1.282,305
	TURKEY	37,194	33,600	37,148	29,988	37,200	35,996	37,180	248,306
	TOTAL	990,513	947,492	543,888	1.010,597	888,629	556,808	373,762	5.311,689

2.10 Commercial Programs of Exports per Border (GWh)

2021	INTERCONNECTION	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
	ALBANIA	53,907	7,997	14,875	42,918	17,412	41,958	63,178	141,345	200,783	194,616	145,837	152,215	1.077,041
	BULGARIA	130,437	68,615	40,242	68,113	19,322	15,242	2,302	3,676	4,214	71,837	39,805	98,856	562,661
	ITALY	258,873	186,937	208,940	216,979	152,052	0,000	0,110	0,000	286,321	245,512	133,409	284,846	1.973,979
	N. MACEDONIA	148,015	85,042	66,893	104,511	75,519	49,873	43,276	55,671	82,400	143,392	93,979	155,958	1.104,529
	TURKEY	11,889	13,383	2,124	1,090	6,454	0,005	0,000	0,000	0,000	0,000	0,085	0,815	35,845
	TOTAL	603,121	361,974	333,074	433,611	270,759	107,078	108,866	200,692	573,718	655,357	413,115	692,690	4.754,055

2022	INTERCONNECTION	1	2	3	4	5	6	7	TOTAL
	ALBANIA	134,757	94,445	171,319	14,096	24,992	153,110	253,443	846,162
	BULGARIA	27,739	18,184	49,339	4,476	12,095	24,192	90,280	226,305
	ITALY	115,453	106,567	267,077	150,359	155,526	102,163	351,200	1.248,345
	N. MACEDONIA	120,530	50,250	123,900	20,503	21,604	110,797	183,747	631,331
	TURKEY	2,265	0,023	0,485	1,562	0,028	1,384	0,849	6,596
	TOTAL	400,744	269,469	612,120	190,996	214,245	391,646	879,519	2.958,739



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Remarks

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The data presented in this bulletin result from the corrective settlement carried out by IPTO in W+6 timing (where W is the reference week), which is based on certified measurements.

2

The generation of the co-generation production unit of Alouminio included in the present bulletin has been estimated as 70% of its total generation, pending relevant calculations by RES Operator & Guarantees of Origin (DAPEEP S.A.).

2nd Version

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