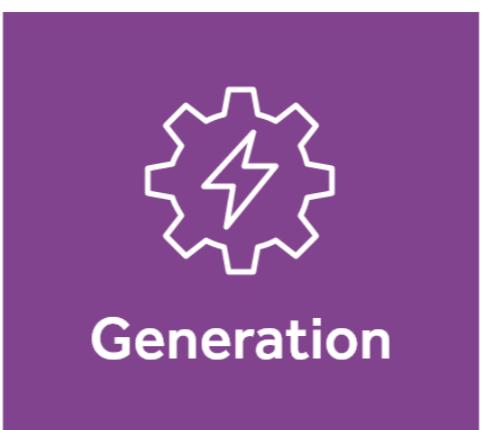
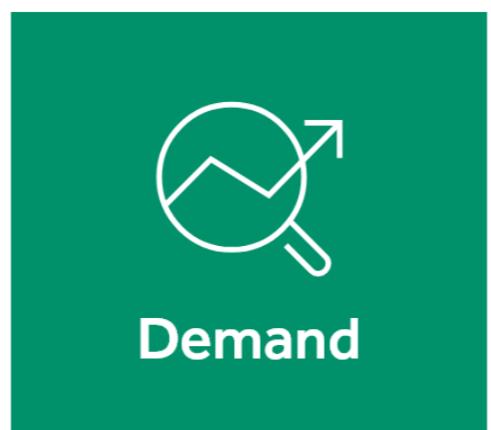
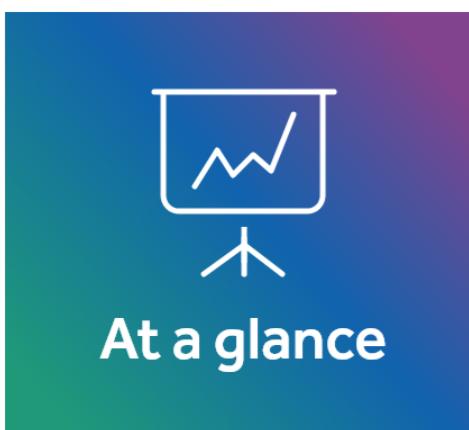


MONTHLY ENERGY BULLETIN

January 2024 - 1st Edition



01

02

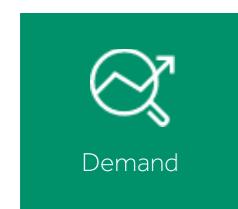
03

11

19

21

The Month at a glance

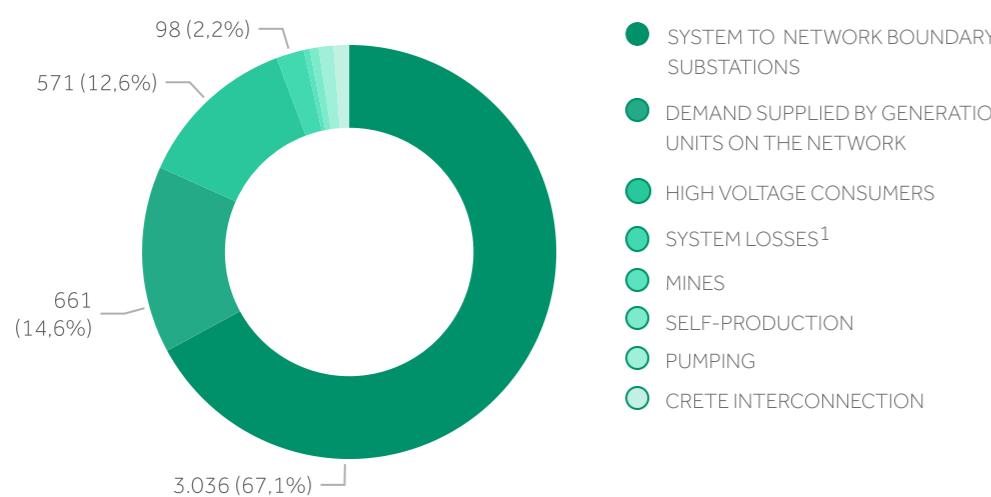


Total Demand
4.525 GWh

↑ **6,62%**

Variation in comparison
to the same month of
the previous year

Estimation of total demand (GWh)

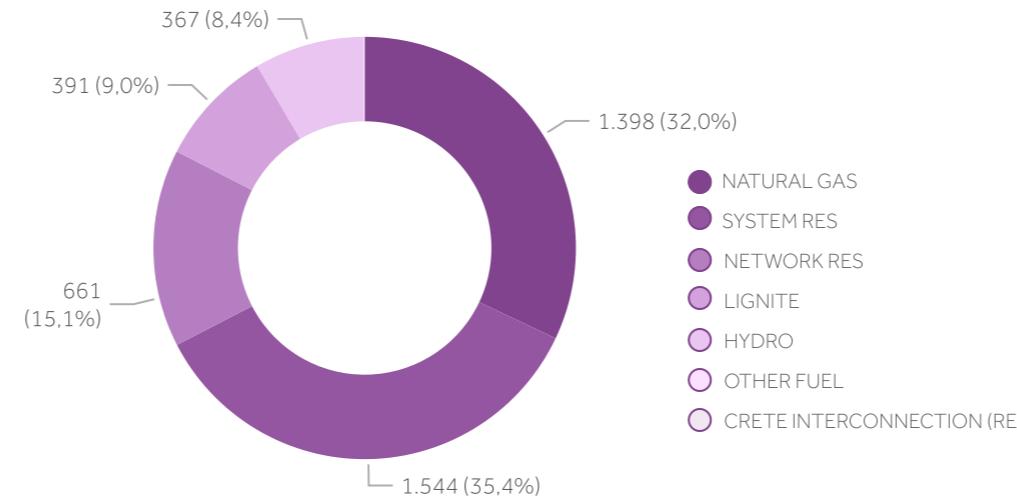


Total Generation
4.363 GWh

↑ **36,43%**

Variation in comparison
to the same month of
the previous year

Estimation of total generation (GWh)



Maximum total demand

↑ 30/01/2024 20:00
8.410 MW

Minimum total demand

↓ 02/01/2024 4:00
3.755 MW



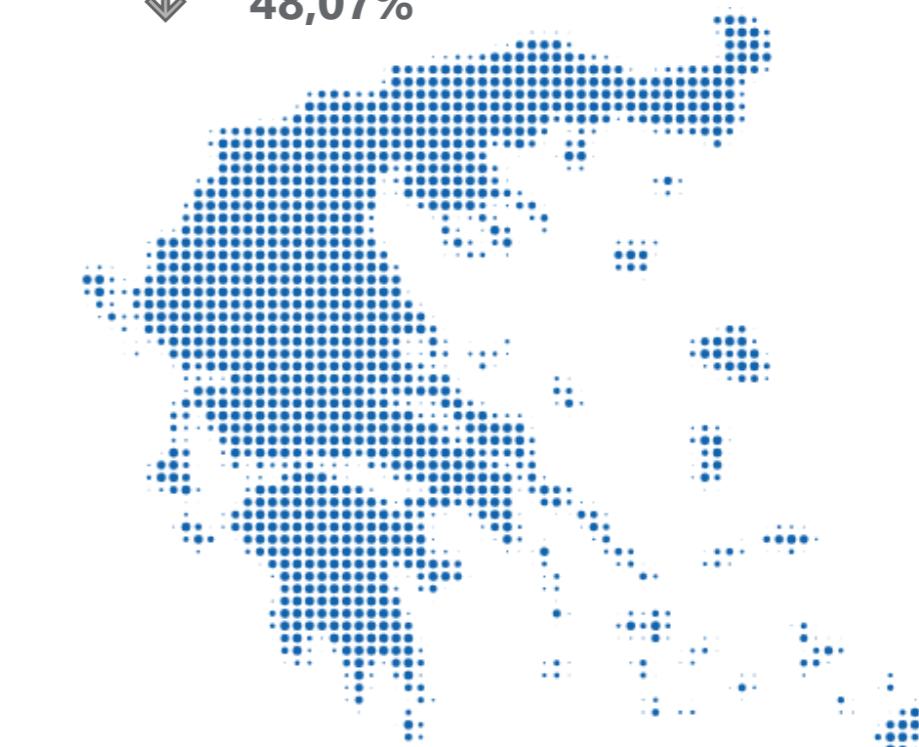
Interconnection Balance
162 GWh

↓ **884 GWh**

Variation in comparison
to the same month of
the previous year

Imports

 **597 GWh**
↓ **48,07%**



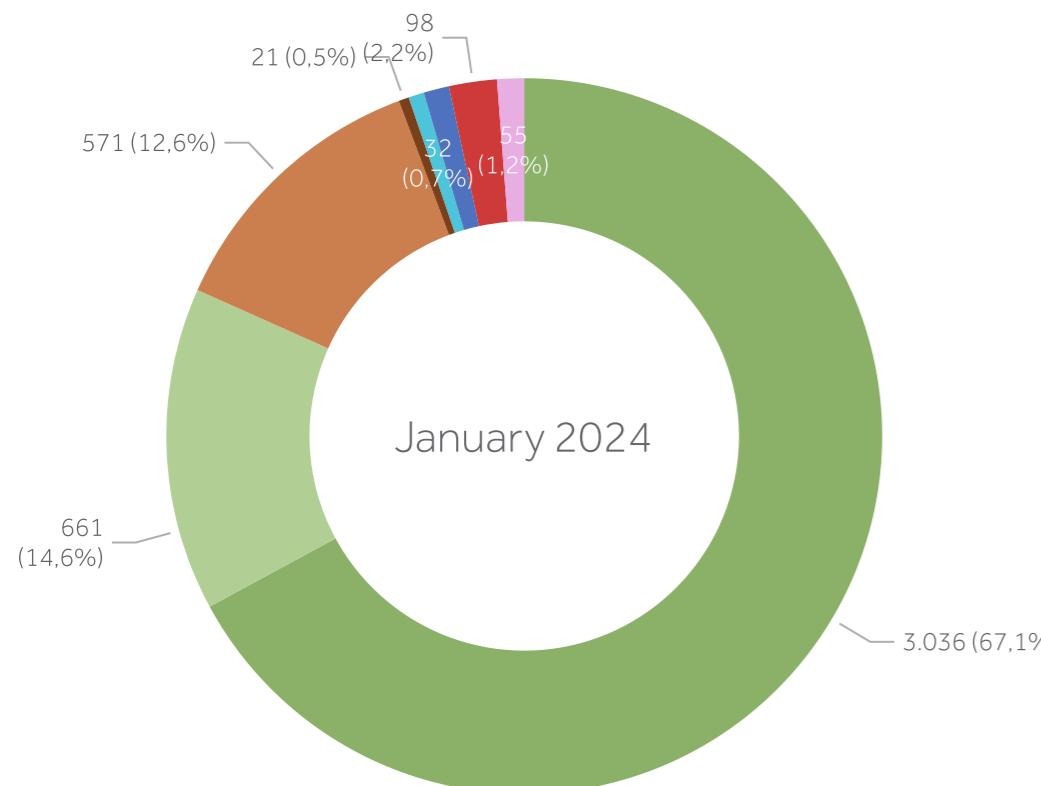
Exports

 **435 GWh**
↑ **323,17%**

¹ The percentage which refers to losses in this graph is not associated to the Percentage of System Losses presented in page 5 of the present Bulletin.

Energy Balance in the Interconnected System and Network

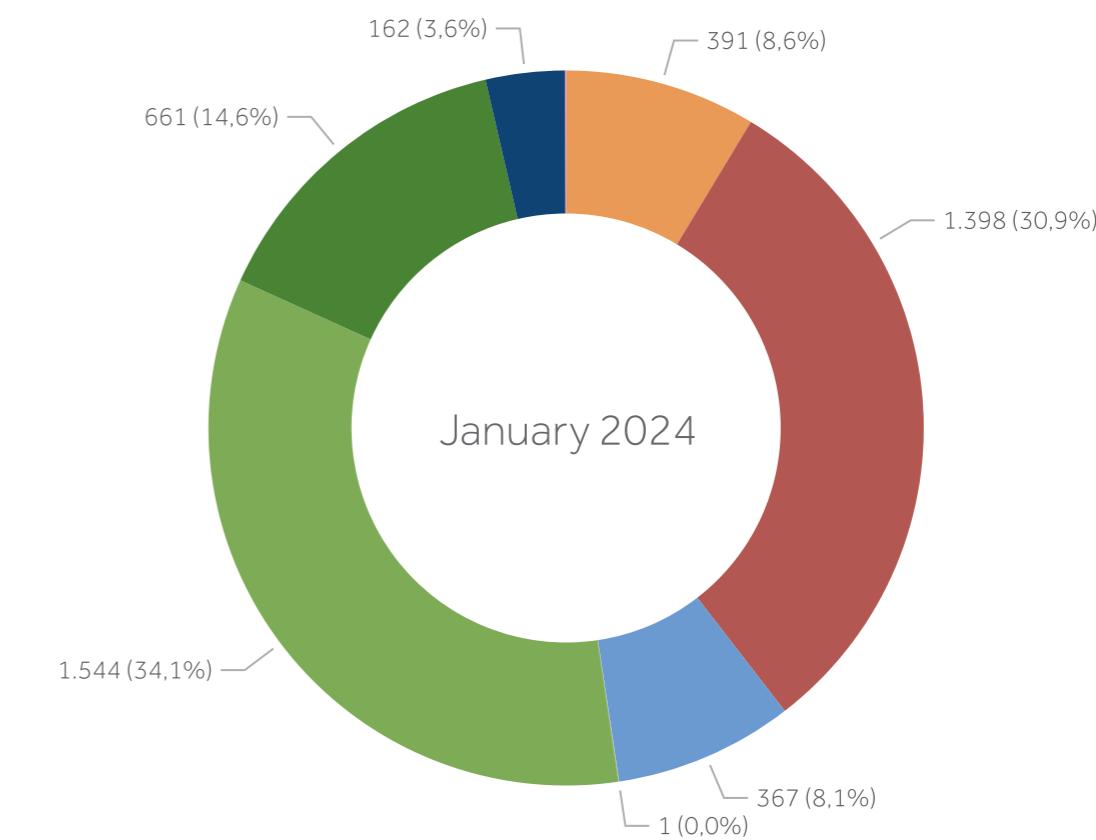
ESTIMATION OF TOTAL DEMAND ¹ & INTERCONNECTION BALANCE ³



Energy Balance
January 2024

4.525 GWh

ESTIMATION OF TOTAL GENERATION ² & INTERCONNECTION BALANCE ³



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.
- 4 The percentage which refers to losses in this graph is not associated to the Percentage of System Losses presented in page 5 of the present Bulletin.

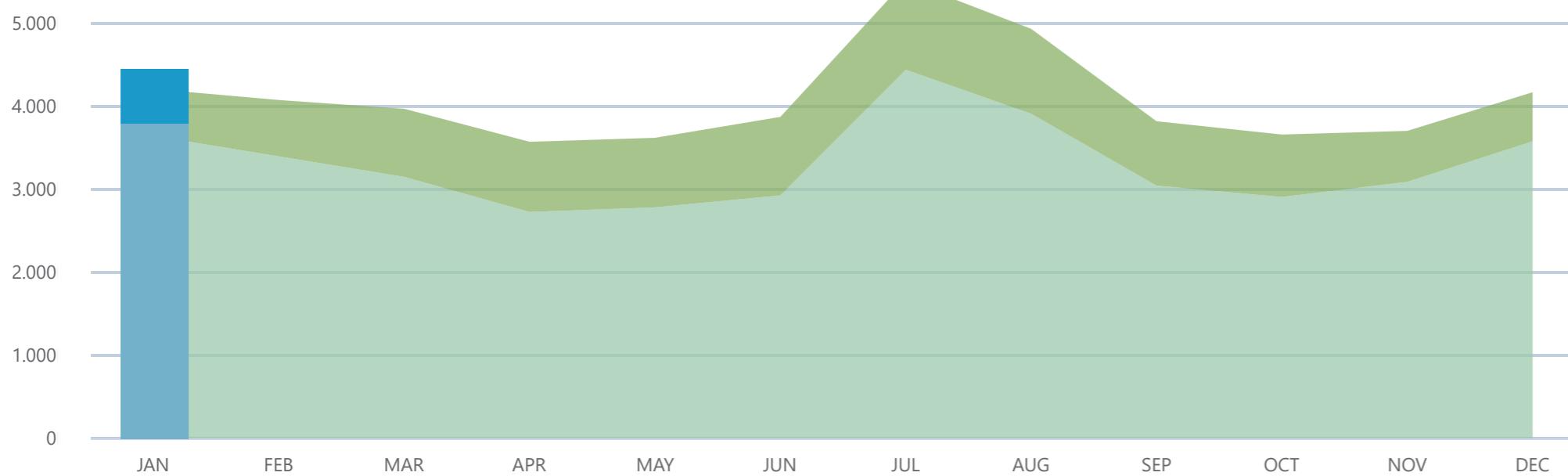
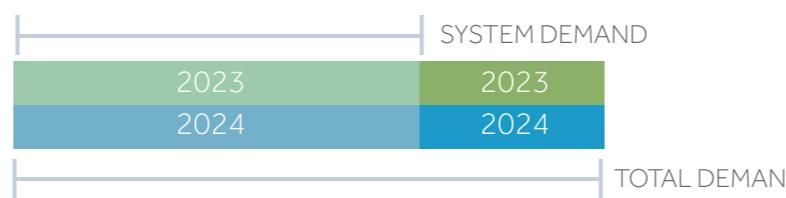
- SYSTEM TO NETWORK BOUNDARY SUBSTATIONS
- NETWORK DEMAND
- HIGH VOLTAGE CONSUMERS
- MINES
- SELF-PRODUCTION
- PUMPING
- SYSTEM LOSSES ⁴
- INTERCONNECTION BALANCE
- CRETE INTERCONNECTION
- LIGNITE
- NATURAL GAS
- HYDRO
- OTHER FUEL
- SYSTEM RES
- NETWORK RES
- INTERCONNECTION BALANCE
- CRETE INTERCONNECTION (RES)

Total Demand & System Demand

ESTIMATION OF TOTAL DEMAND & SYSTEM DEMAND (GWh)



Annex 1.1



Total Demand ²

4.473 GWh

↑ 6,19%

Variation in comparison to the same month of the previous year

System Demand ¹

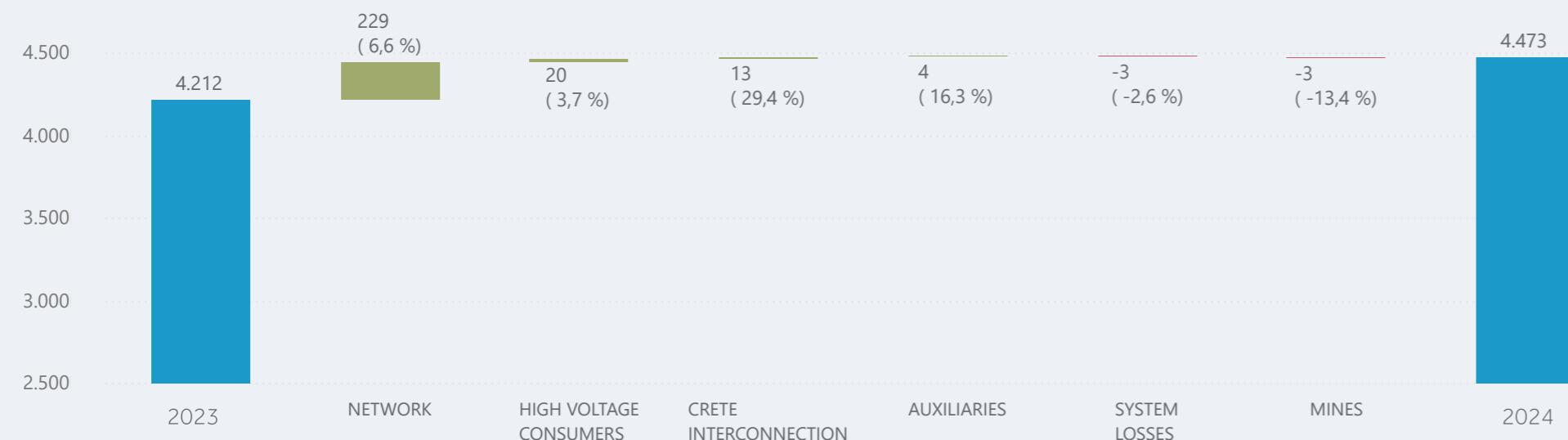
3.812 GWh

↑ 4,53%

Variation in comparison to the same month of the previous year

VARIATION OF TOTAL DEMAND (GWh)

January 2023 - January 2024



Notes

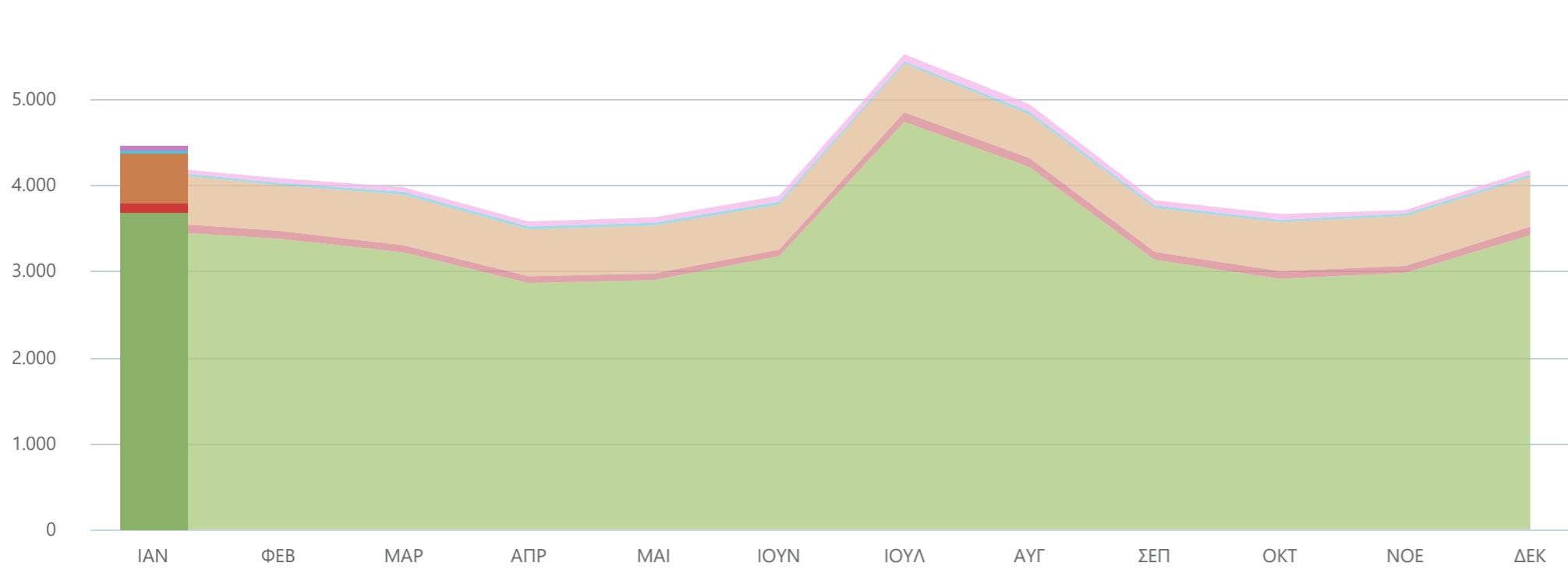
1. System Demand is defined as the generation produced by production units (conventional and RES) connected to the System, that is required to cover the System Load (excluding pumping). Demand supplied by units injecting into the Network is not included. More specifically, the estimation of System Demand 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

2023 2024

HIGH VOLTAGE CONSUMERS / MINES

2023 2024

SYSTEM LOSSES

2023 2024

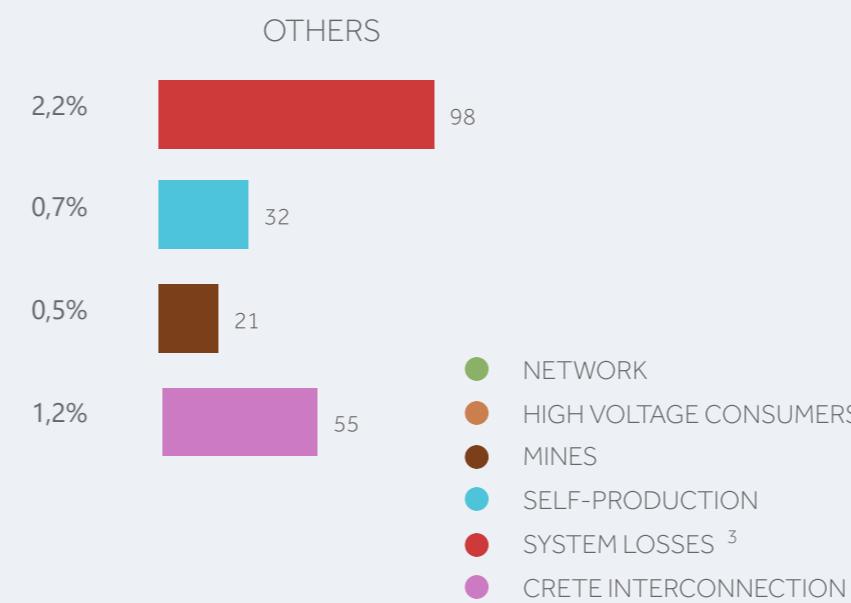
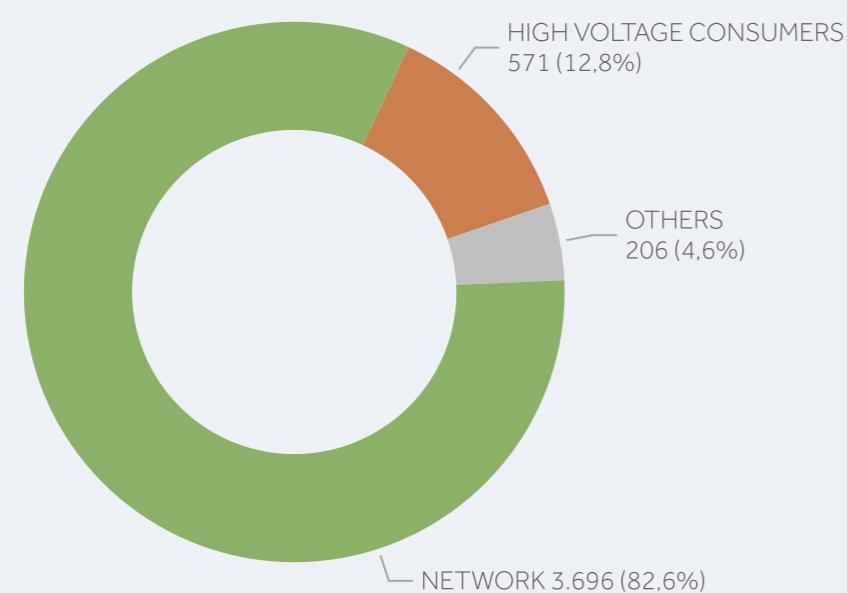
NETWORK

2023 2024

CRETE INTERCONNECTION

2023 2024

ESTIMATION OF DEMAND PER CONSUMPTION CATEGORY (GWh) January 2024



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.
- 3 The percentage which refers to losses in this graph is not associated to the Percentage of System Losses presented in page 5 of the present Bulletin.

Analysis of System Losses

EVOLUTION OF SYSTEM LOSSES (GWh) and PERCENTAGE OF SYSTEM LOSSES (%)

in relation to the Total Injected Energy into the System (%)



EVOLUTION OF TOTAL INJECTED ENERGY INTO THE SYSTEM (GWh)



PERCENTAGE OF SYSTEM LOSSES (%)

January 2024

2,18%

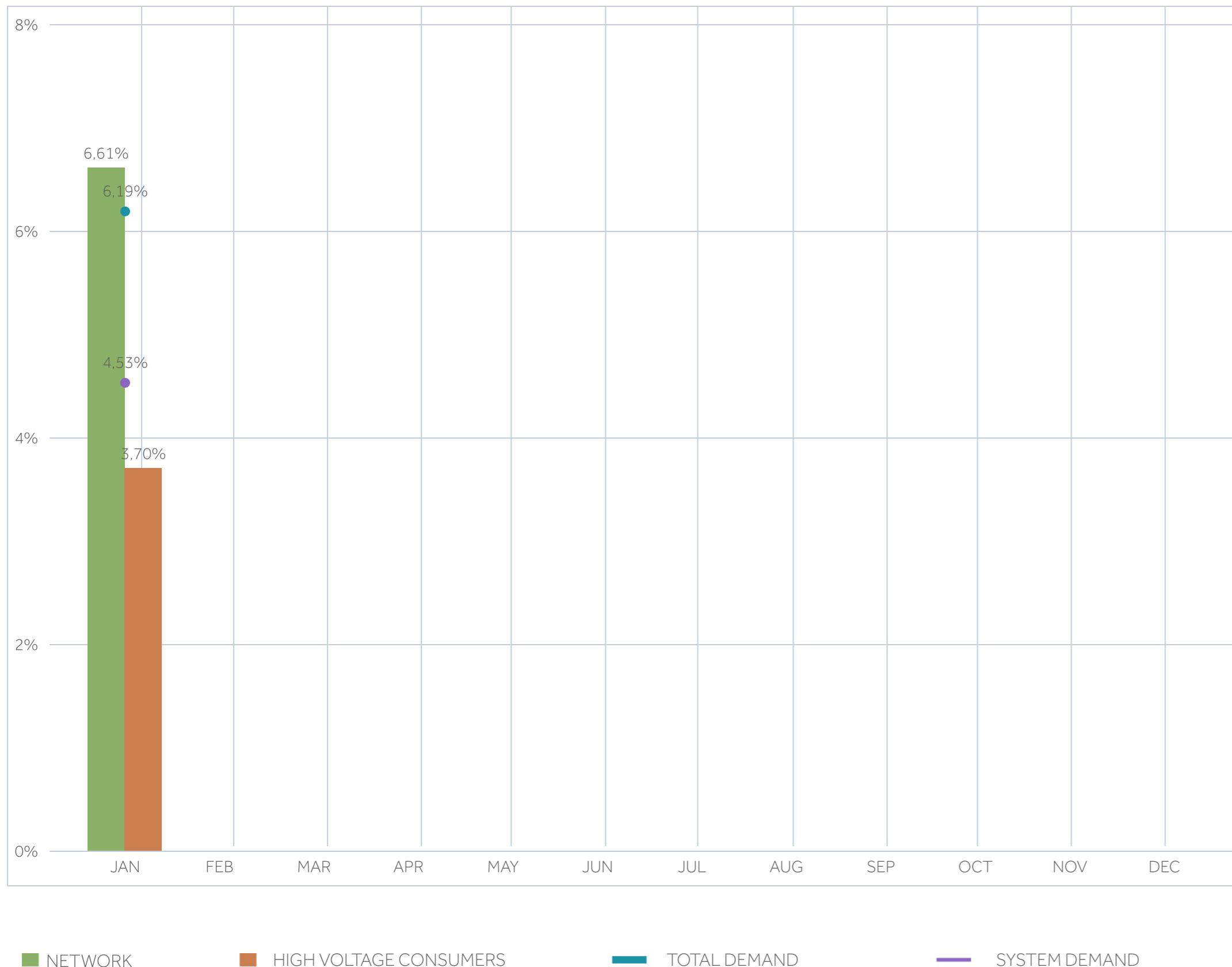
in relation to the
Total Injected Energy
into the System

Notes

- 1 The Percentage of System Losses is calculated as the quotient of System Losses to the Total Injected Energy into the System.
- 2 The Total Injected Energy into the System includes the energy generated by conventional and RES units connected to the System, the injections from the interconnections into the System and the energy injected into the System from the System to Network boundary substations.

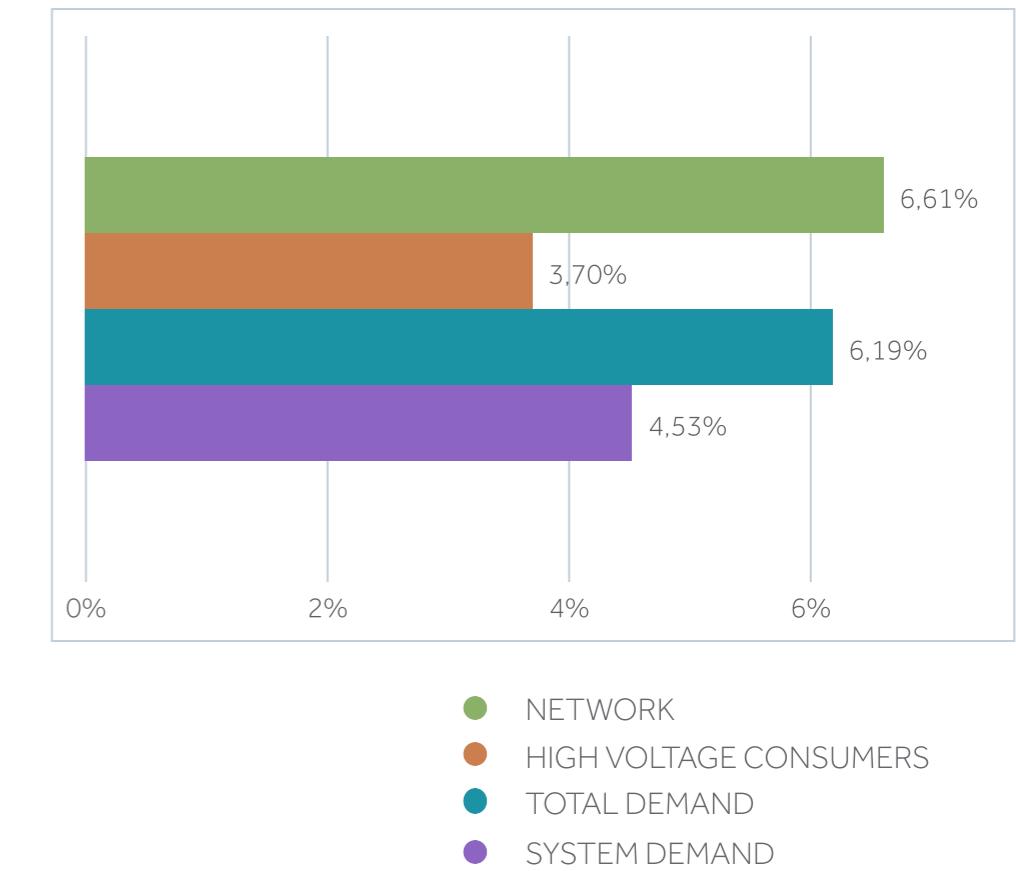
Evolution of Demand in comparison to the previous year

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

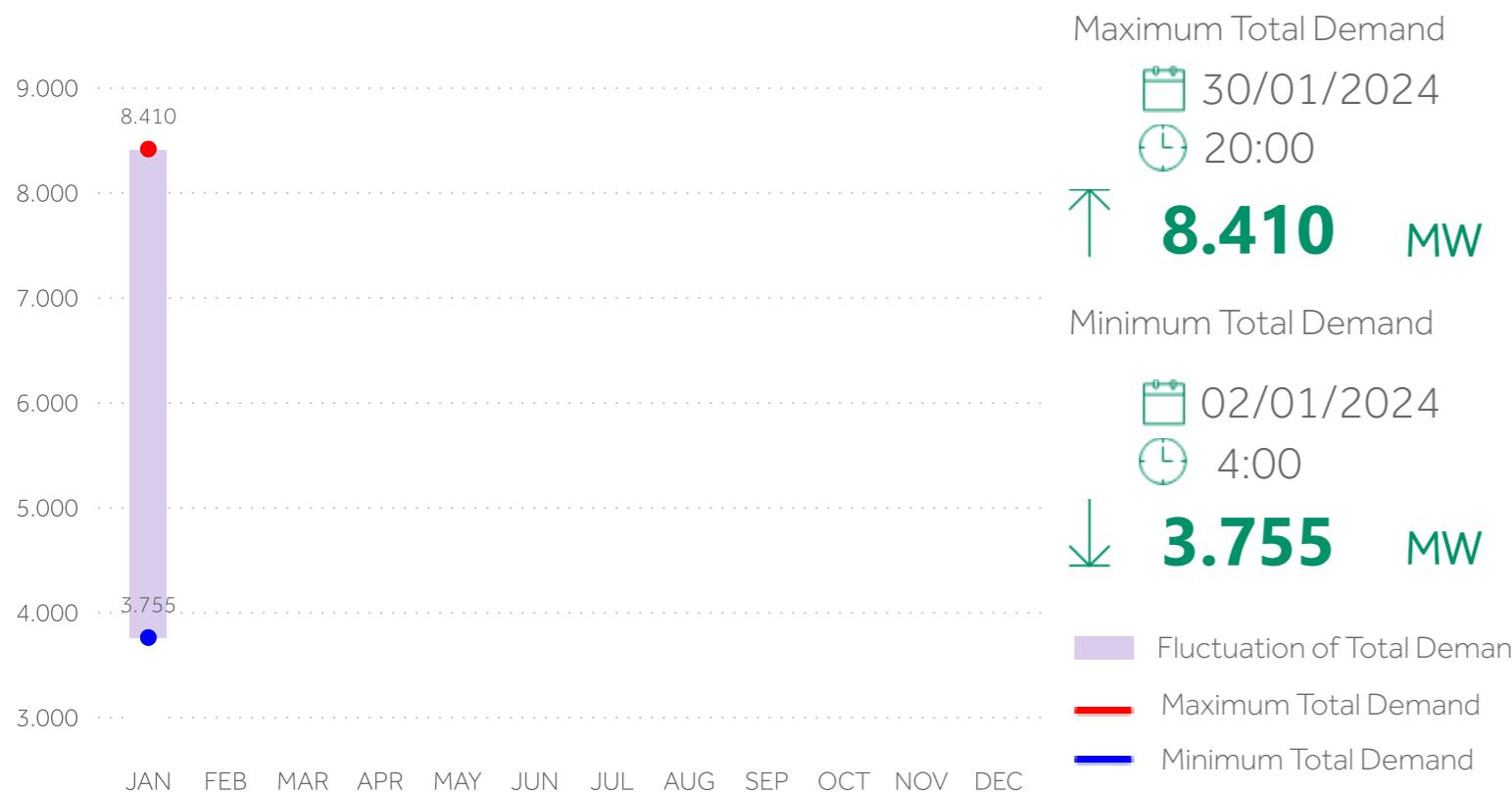


Notes

- 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.

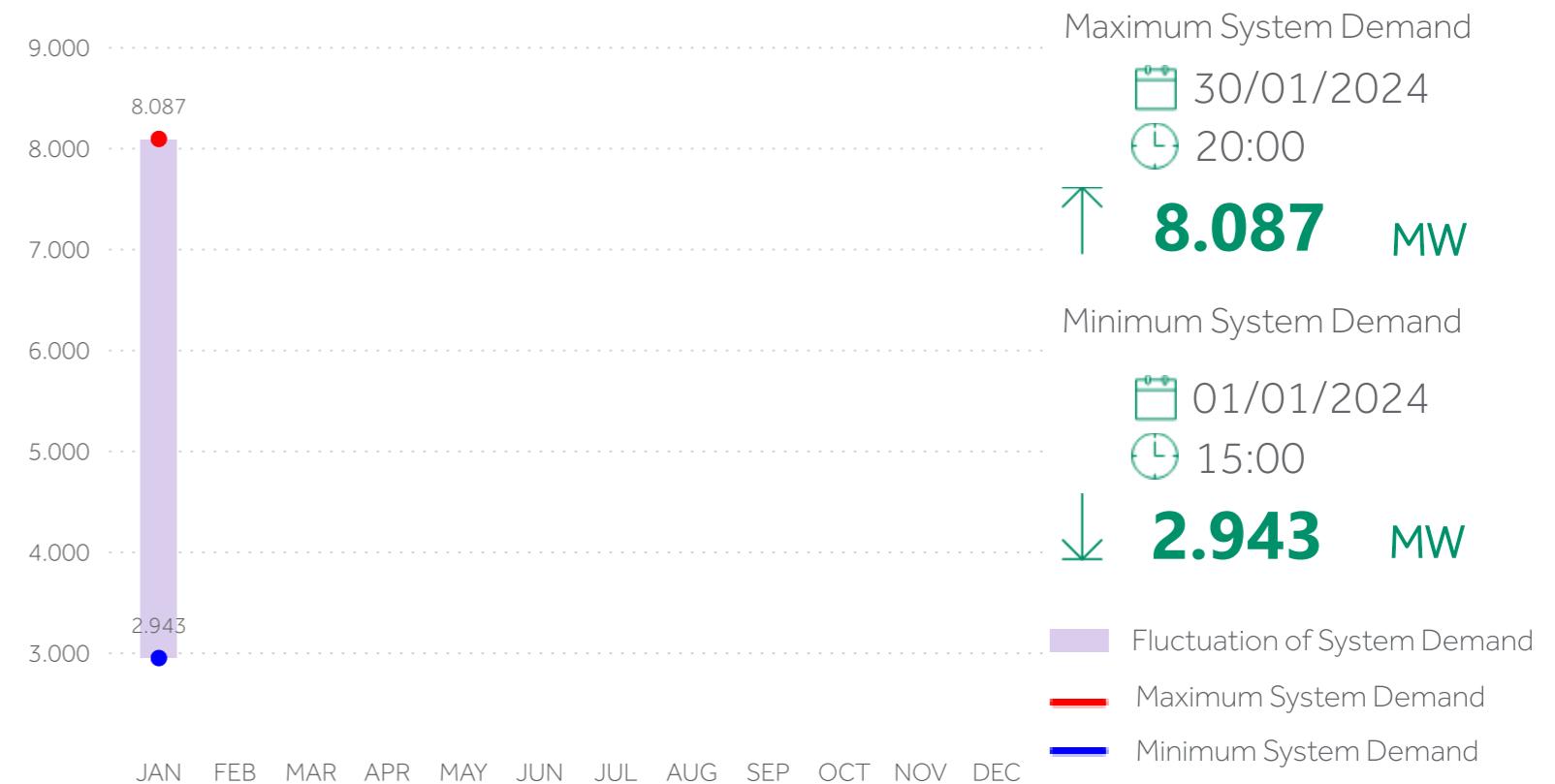
MAXIMUM & MINIMUM HOURLY TOTAL DEMAND (MW)

current year

 Annex 1.2

MAXIMUM & MINIMUM HOURLY SYSTEM DEMAND (MW)

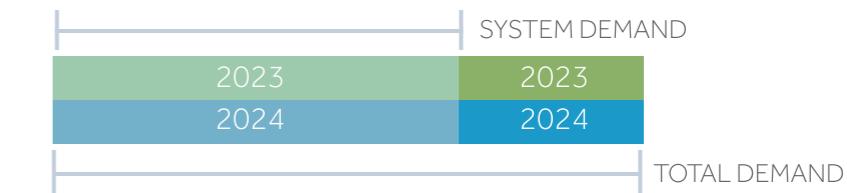
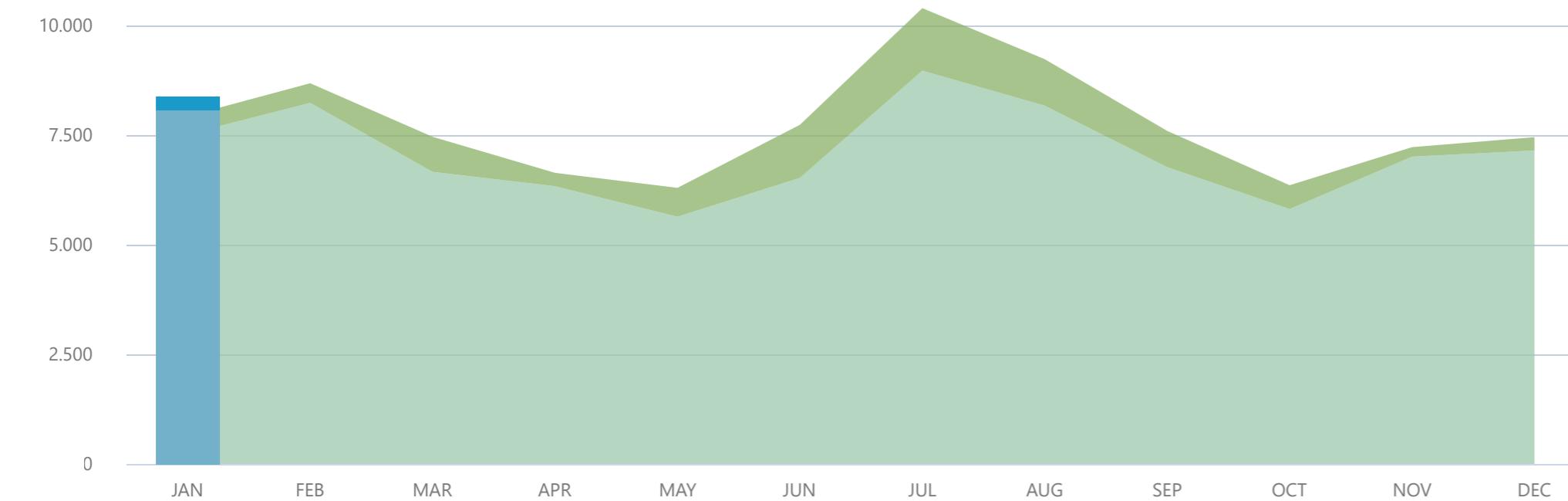
current year

 Annex 1.3

MAXIMUM HOURLY TOTAL DEMAND & SYSTEM DEMAND (MW)



Annex 1.2 - 1.3



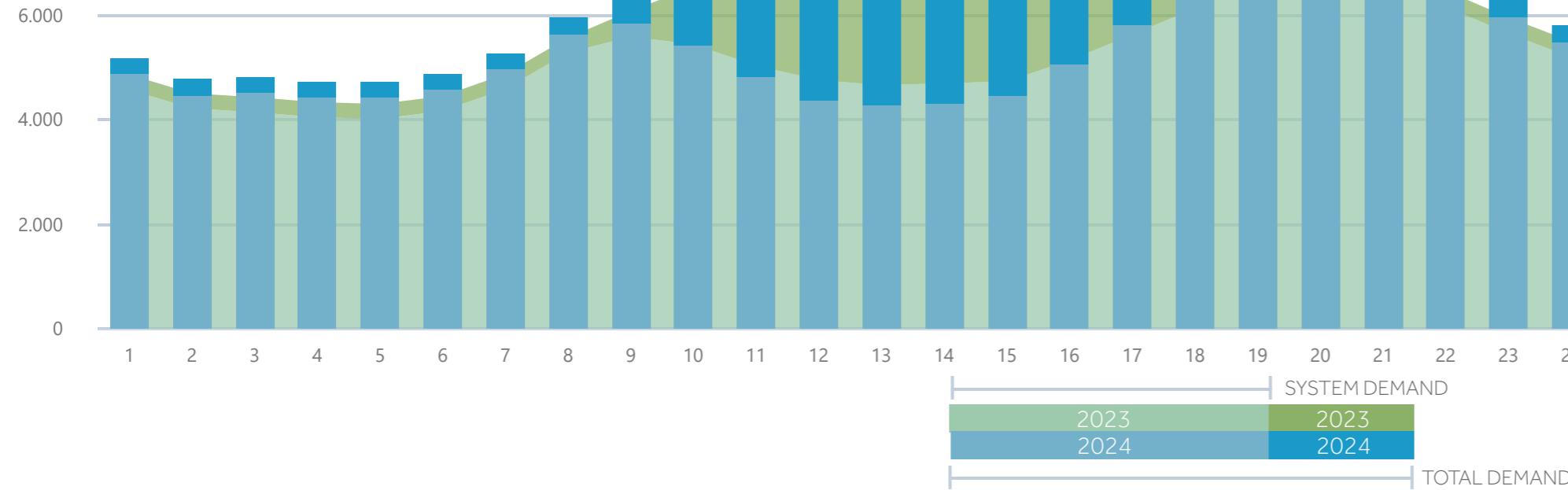
Notes

- 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 January current & previous year

Annex 1.4

**MAXIMUM TOTAL DEMAND**

30/01/2024

20:00

↑ **8.410 MW****MINIMUM TOTAL DEMAND**

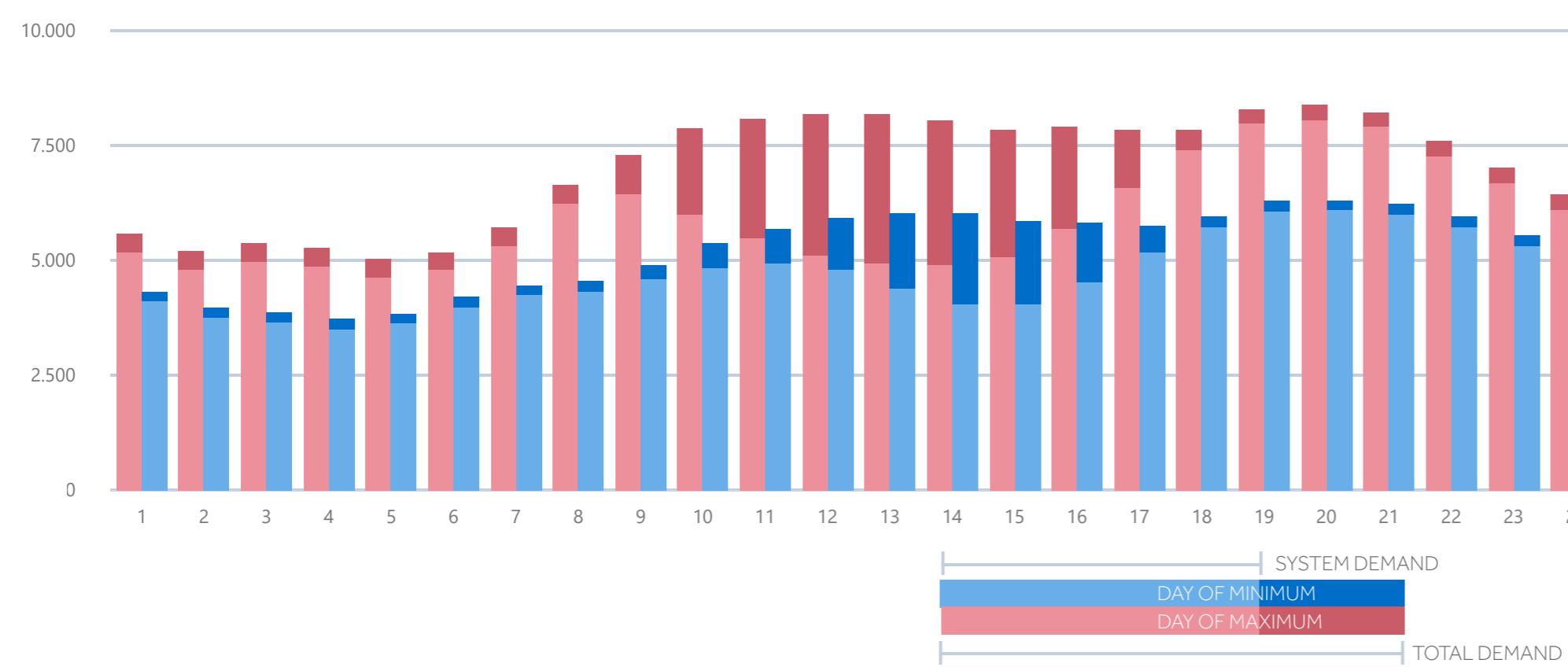
02/01/2024

4:00

↓ **3.755 MW****HOURLY TOTAL DEMAND & SYSTEM DEMAND (MW)**

During the day of maximum and minimum of month January 2024

Annex 1.5

**MAXIMUM SYSTEM DEMAND**

30/01/2024

20:00

↑ **8.087 MW****MINIMUM SYSTEM DEMAND**

01/01/2024

15:00

↓ **2.943 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.

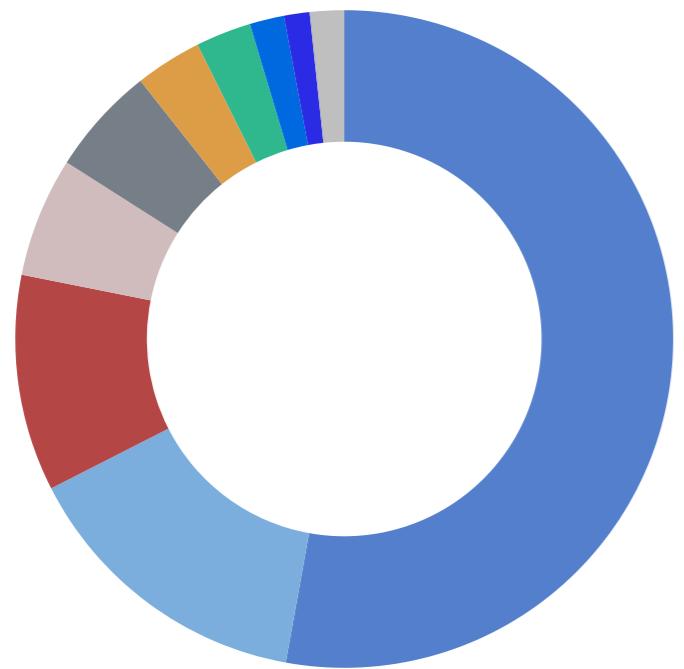
Market Share of Load Representatives - Demand per voltage level

MARKET SHARE OF LOAD REPRESENTATIVES (%)

(load representatives with market shares >1% during the current month)



Annex 1.7



EVOLUTION OF MARKET SHARE OF LOAD REPRESENTATIVES (%)

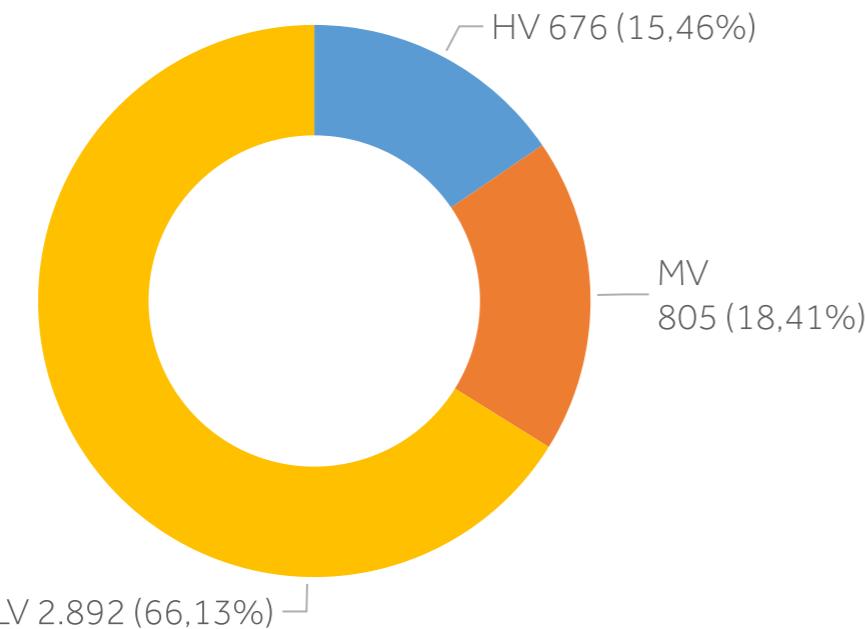
(6 load representatives with higher market shares during the current year)



Annex 1.6



DEMAND PER VOLTAGE LEVEL (GWh/%)

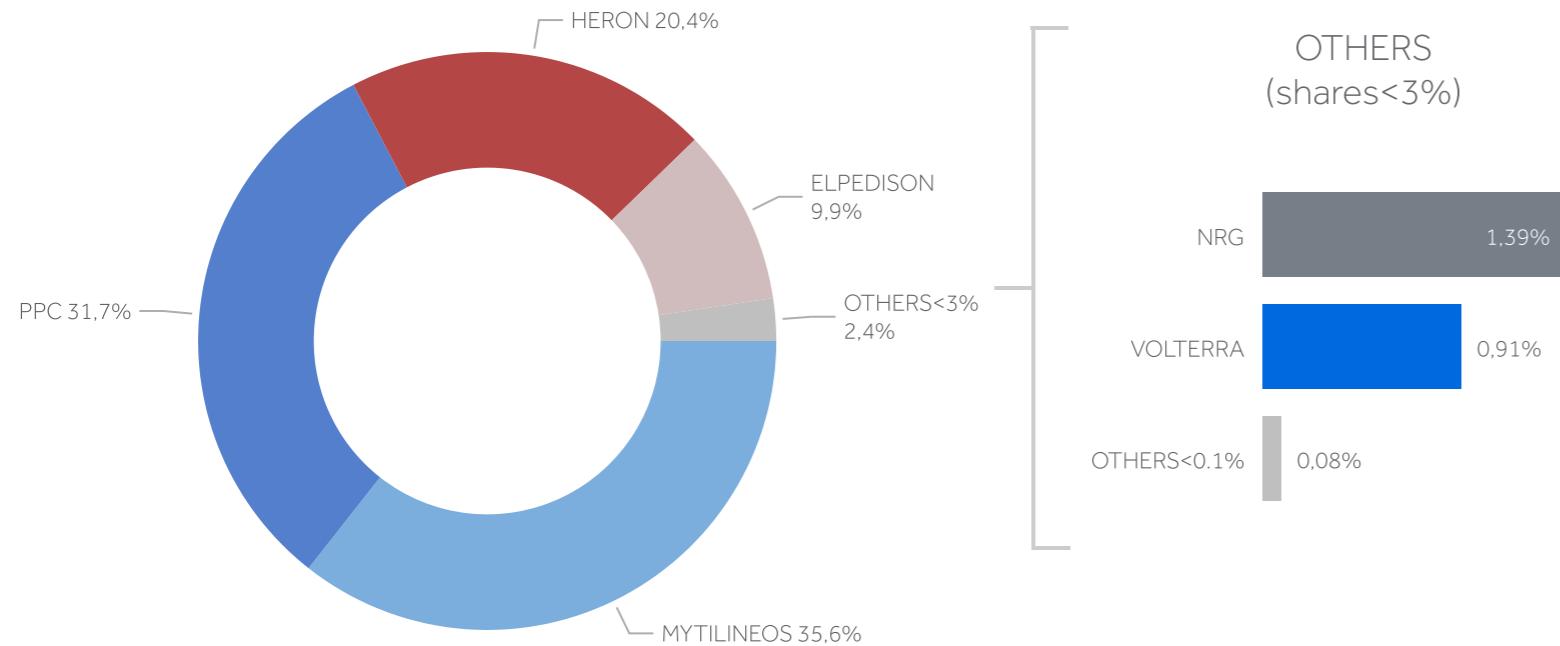


Notes

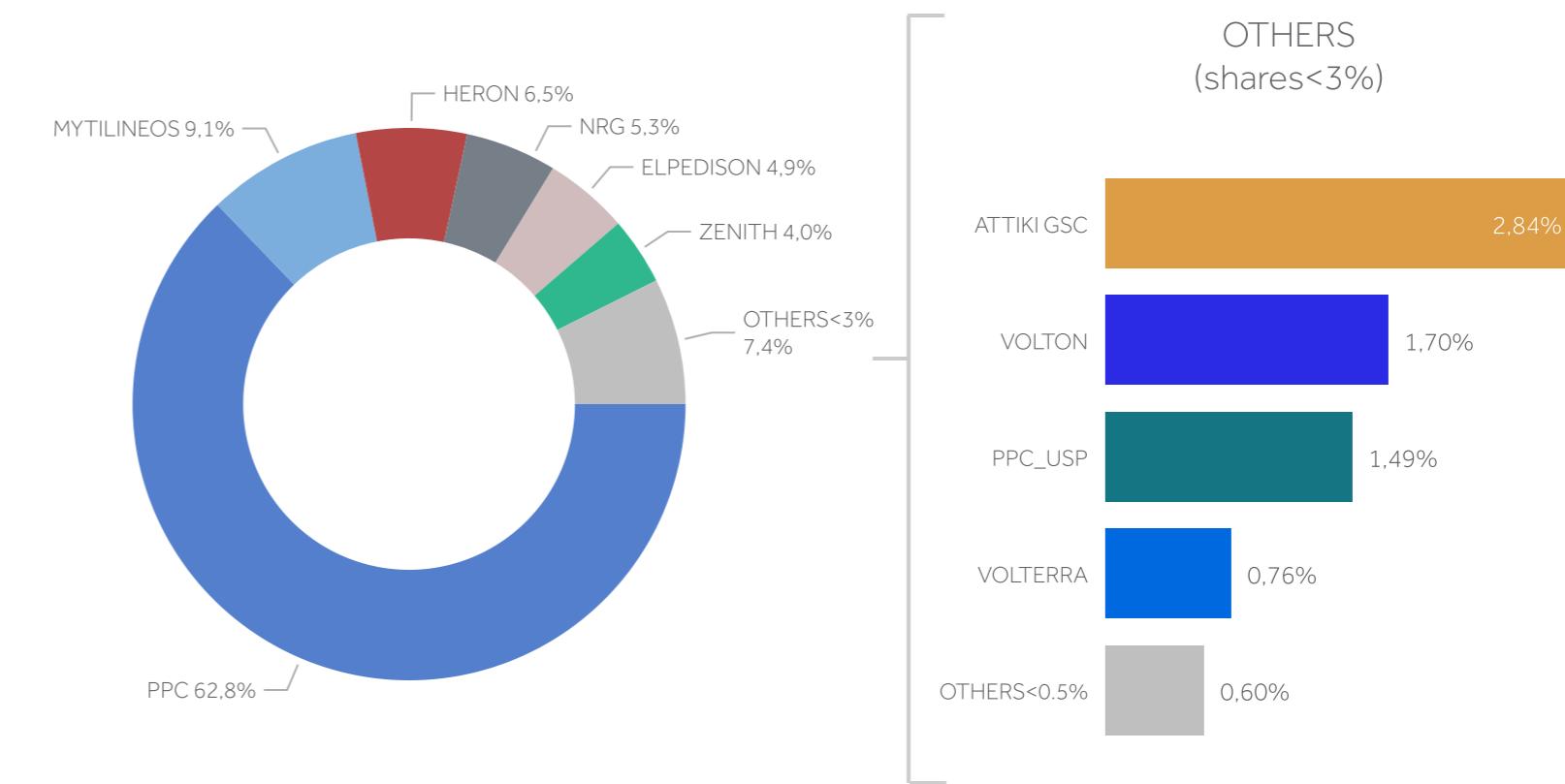
- Data used for the calculation of the shares of the representatives include:
 - Self-supplied consumers and producers representing the auxiliary loads of their production units.
 - Consumption of Low Voltage consumers is based on a preliminary estimation of the Network Operator.
- Values in GWh are 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

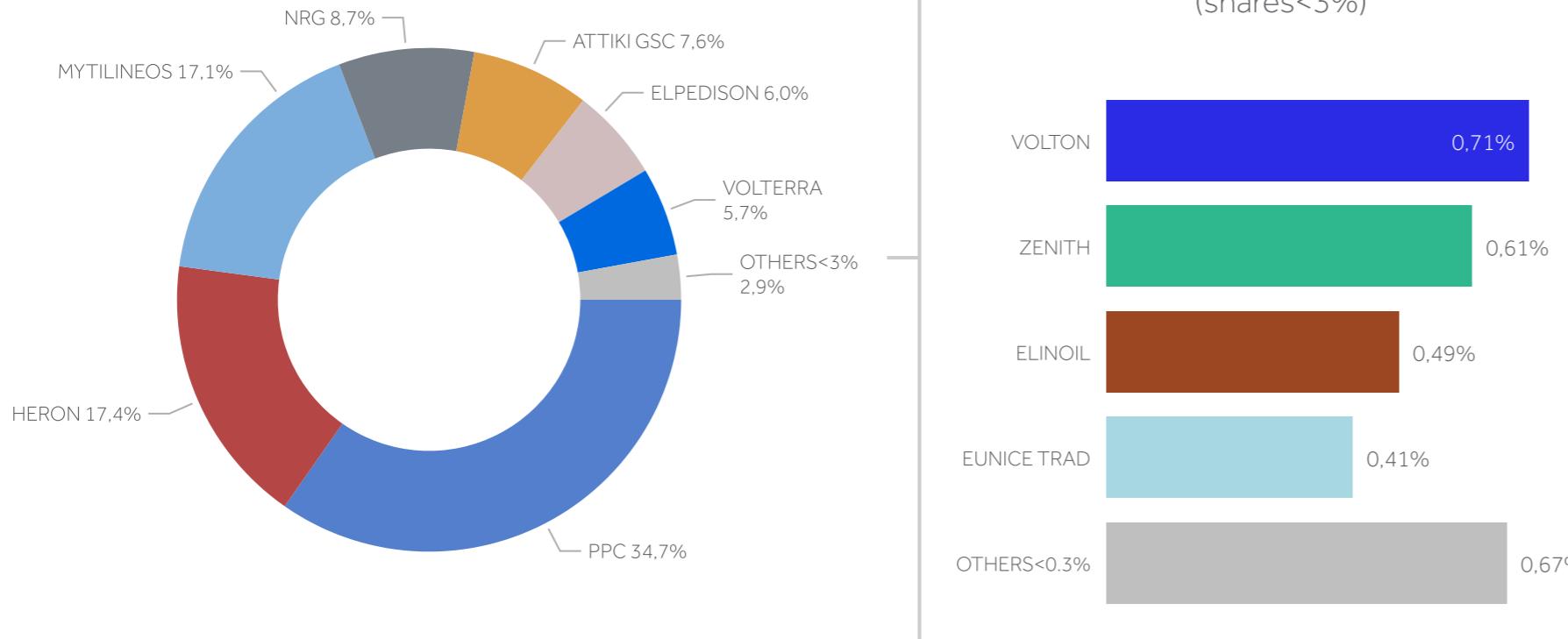
MARKET SHARE OF LOAD REPRESENTATIVES IN HV (%) Q Annex 1.7



MARKET SHARE OF LOAD REPRESENTATIVES IN LV (%) Q Annex 1.7



MARKET SHARE OF LOAD REPRESENTATIVES IN MV (%) Q 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.

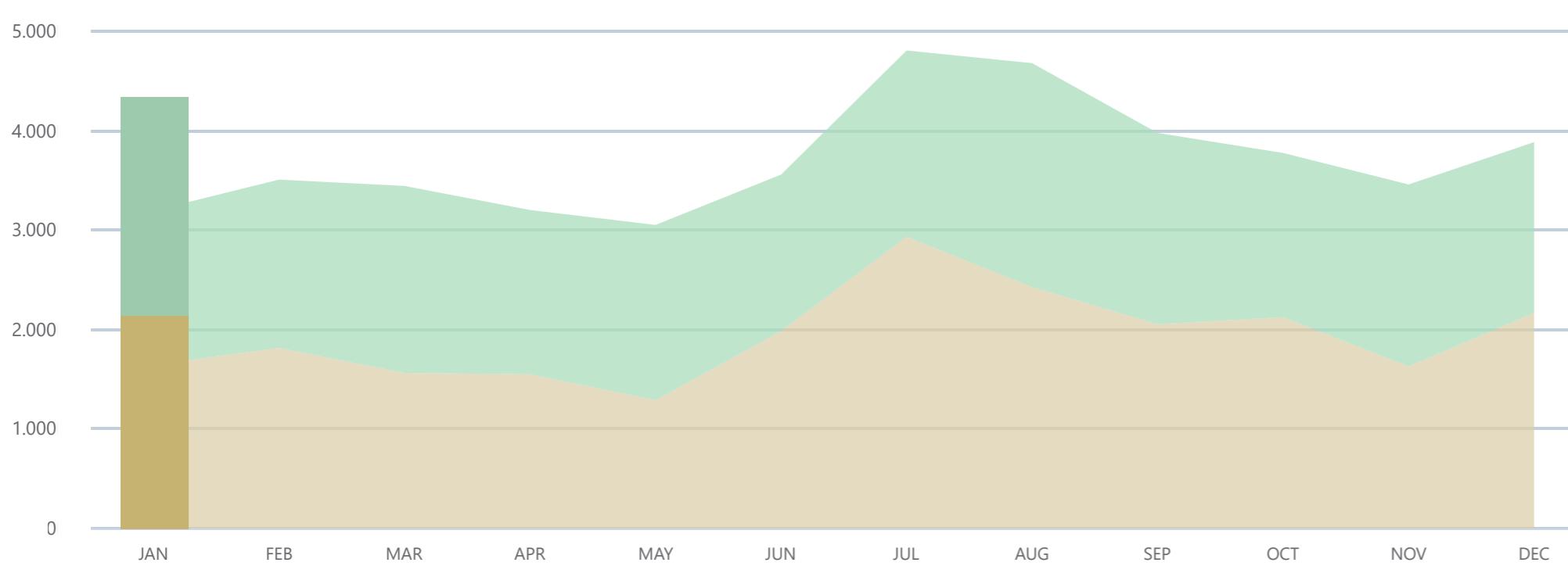
Analysis of Net Generation

ESTIMATION OF NET GENERATION (GWh)

Annex 2.1

2023 CONVENTIONAL
2024 GENERATION

2023 RES
2024 GENERATION



Total Net Generation

4.363 GWh

↑ 36,43%

Variation in comparison to the same month of the previous year



Thermal Generation



Hydro Generation



RES Generation

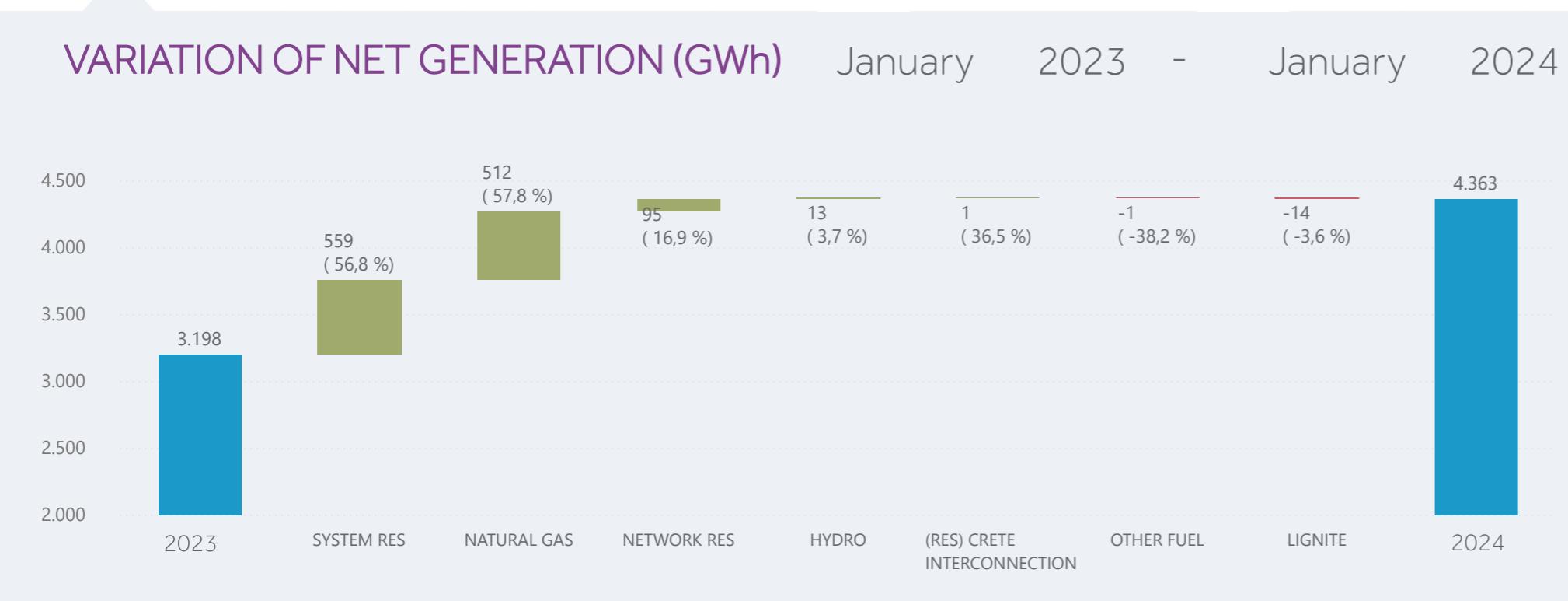
41,03%

8,40%

50,57%

VARIATION OF NET GENERATION (GWh)

January 2023 - January 2024



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.

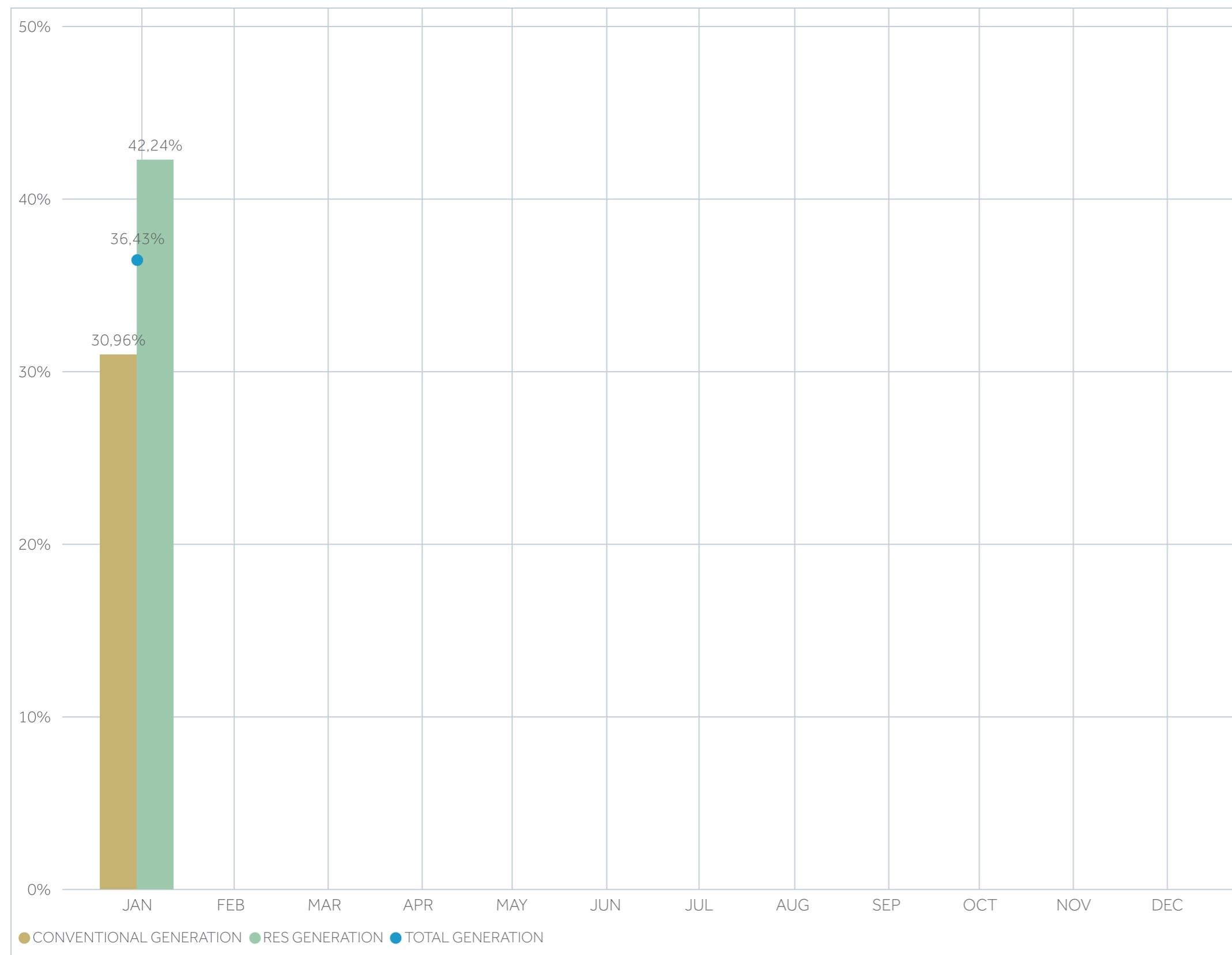
Conventional Generation includes the generation of large scale hydro units, as well as the generation of dispatchable co-generation units that has not been characterised as high efficiency Co-Generation.

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.

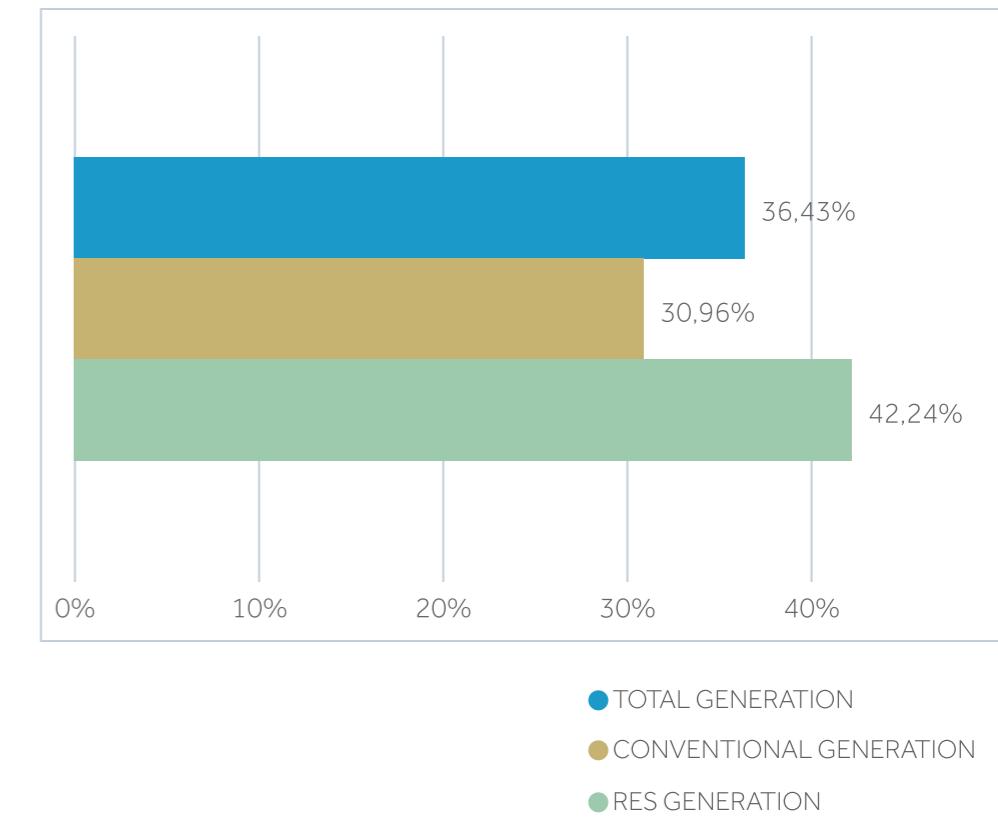
Variation of Generation in comparison to the previous year

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

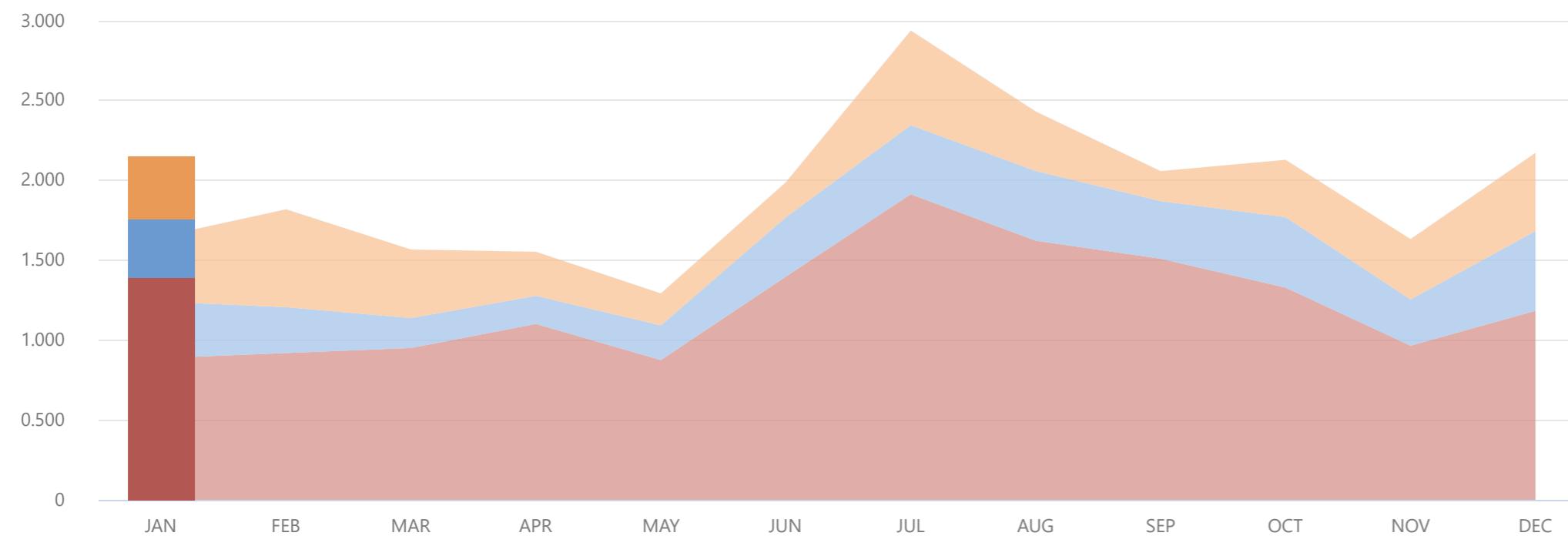
- generation in the point of injection to the System from RES generation connected directly to System substations (System RES)
- generation from dispatchable co-generation units that has been characterised as high efficiency Co-Generation (System RES)
- estimation of generation in the Distribution Network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

Conventional Generation Mix

EVOLUTION OF CONVENTIONAL GENERATION MIX (GWh)



Annex 2.2



OTHER FUEL

2023 2024

LIGNITE

2023 2024

HYDRO

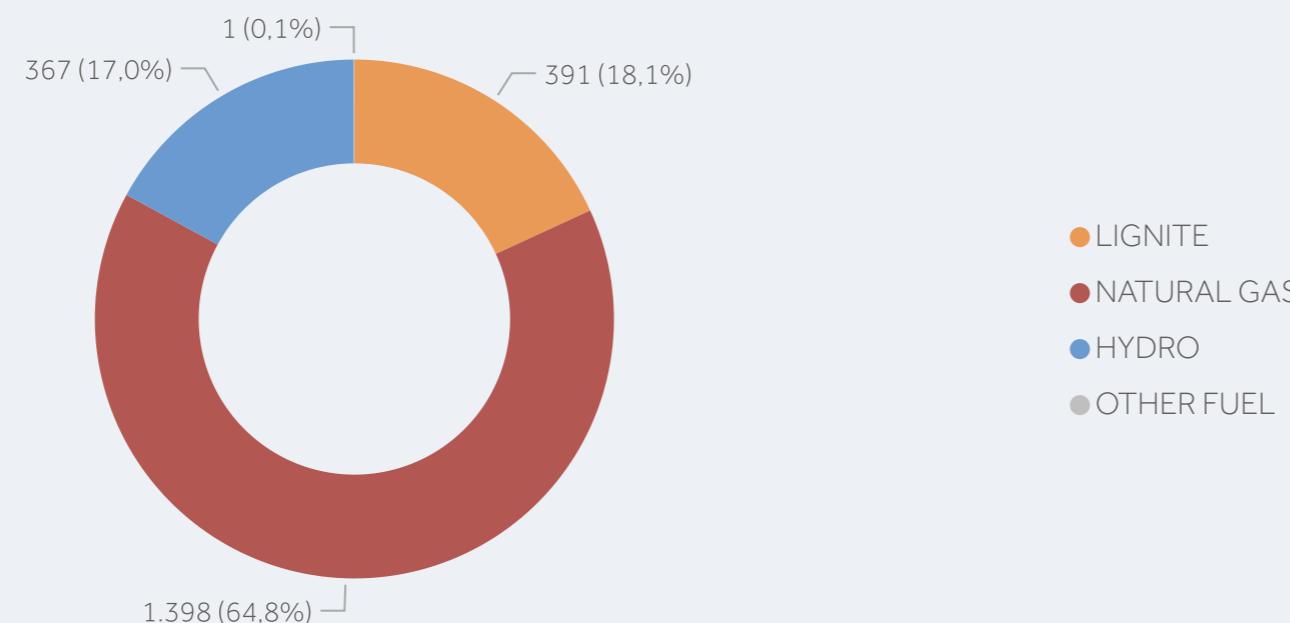
2023 2024

NATURAL GAS

2023 2024

CONVENTIONAL GENERATION MIX PER FUEL CATEGORY (GWh)

January 2024



Notes

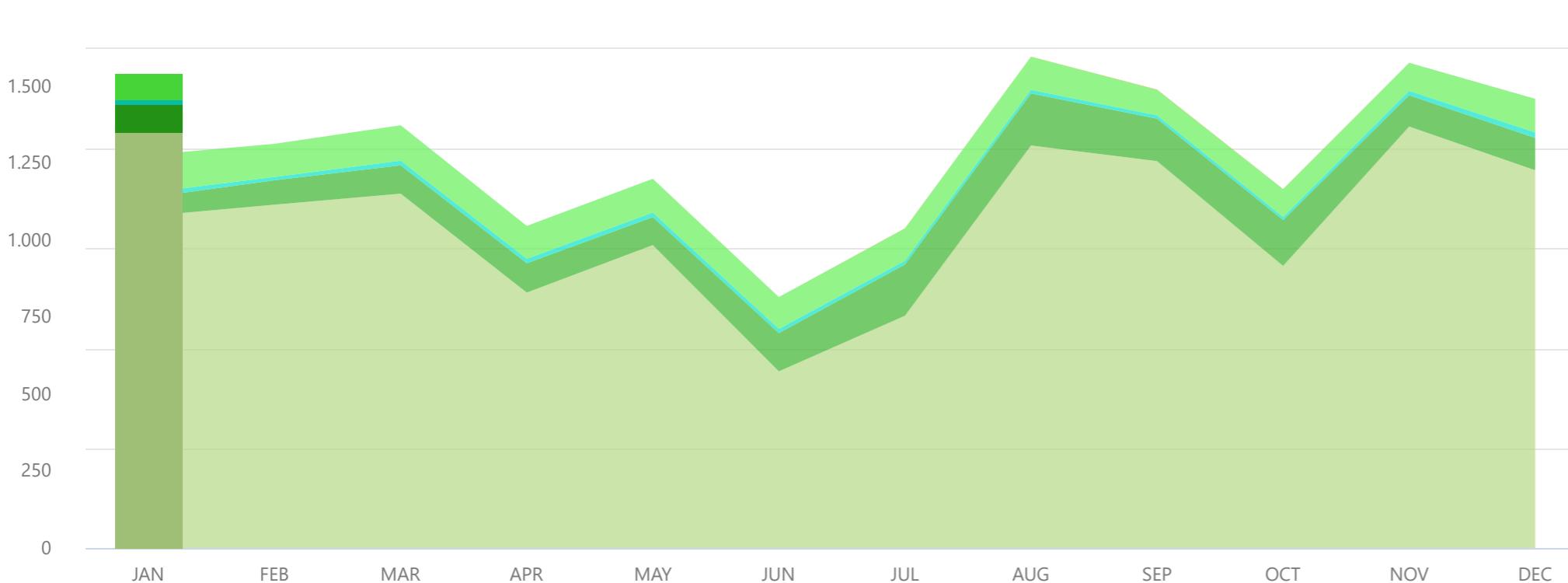
- Generation refers to the injection point in the System.
- Conventional Generation includes the generation of large scale hydro units, as well as the generation of dispatchable co-generation units that has not been characterised as high efficiency Co-Generation.

System RES Generation Mix

EVOLUTION OF SYSTEM RES GENERATION MIX (GWh)

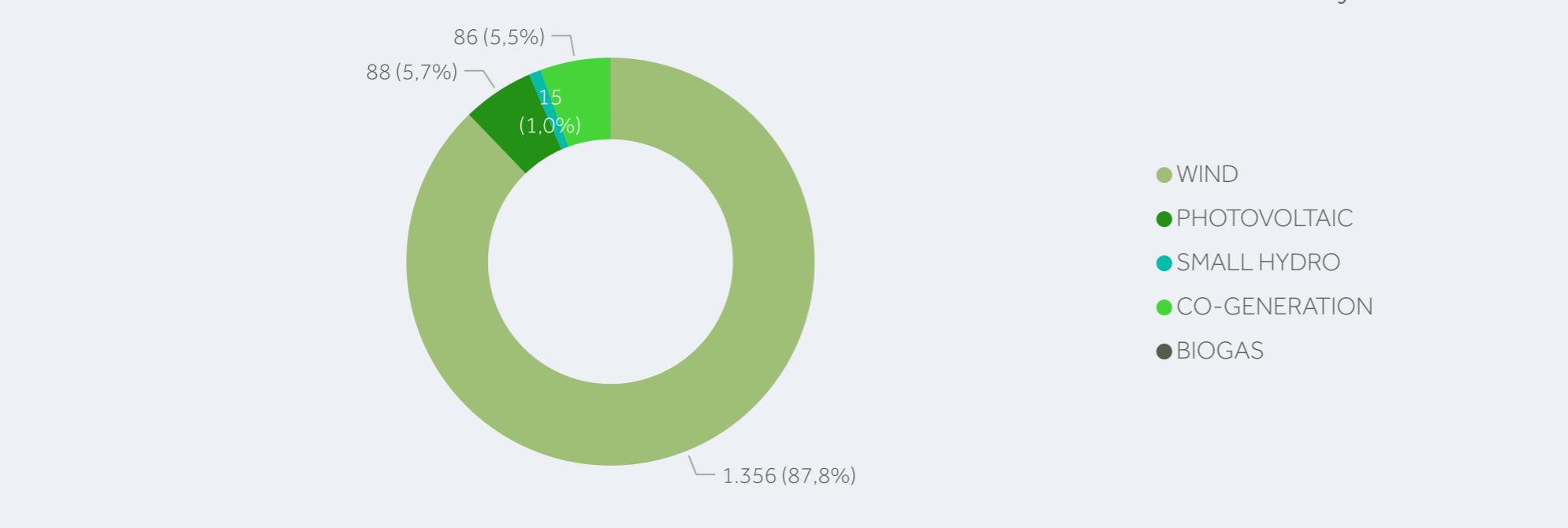


Annex 2.3



SYSTEM RES GENERATION MIX PER RES TECHNOLOGY (GWh)

January 2024



Notes

RES Generation includes:

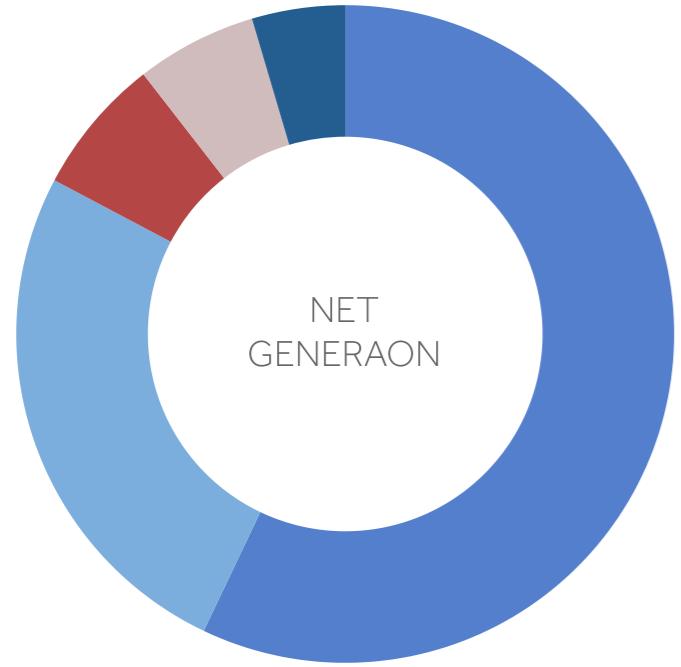
- generation in the point of injection to the System from RES generation connected directly to System substations (System RES)
- generation from dispatchable co-generation units that has been characterised as high efficiency Co-Generation (System RES)

Conventional Generation per Producer

NET GENERATION (GWh) - NET CAPACITY (MW)

January 2024

 Annex 2.4



PERCENTAGE OF NET CONVENTIONAL GENERATION IN THE SYSTEM (%)

 Annex 2.5



NET CAPACITY

MW % PRODUCER

PRODUCER	MW	%
PPC	8.670,00	71,74%
MYTILINEOS	1.572,70	13,01%
ELPEDISON	828,00	6,85%
HERON	581,46	4,81%
KORINTHOS POWER	433,46	3,59%

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 2.6

NET GENERATION (GWh)

AGRAS	2,23
AOOS	12,38
ASOMATA	9,13
EDESSAIOS	1,84
ILARIONAS	18,69
KASTRAKI	51,37
KREMASTA	78,55
LADONAS	17,20
PLASTIRAS	2,52
PLATANOVRYSI	9,83
POLYFYTO	28,06
POURNARI1	38,59
POURNARI2	5,61
SFIKIA	30,57
STRATOS1	24,12
THESAVROS	35,84
AGIOS DIMITRIOS1	0,00
AGIOS DIMITRIOS2	0,00
AGIOS DIMITRIOS3	93,66
AGIOS DIMITRIOS4	55,98
AGIOS DIMITRIOS5	101,96
MEGALOPOLI3	0,00
MEGALOPOLI4	0,00
MELITI	17,40
PROLEMAIDA5	122,11
AGIOS NIKOLAOS2	334,39
ALIVERI5	80,88
ALOUMINIO	91,59
ELPEDISON THESS	131,70
ELPEDISON THISVI	0,00
HERON CC	147,33
KOMOTINI	28,17
KORINTHOS POWER	101,57
LAVRIO4	9,19
LAVRIO5	137,67
MEGALOPOLI5	253,21
PROTERGIA CC	143,71
HERON1	0,86
HERON2	0,71
HERON3	0,83

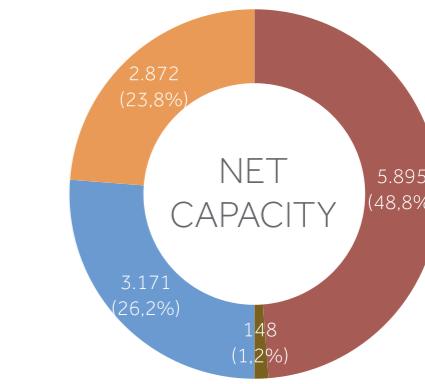
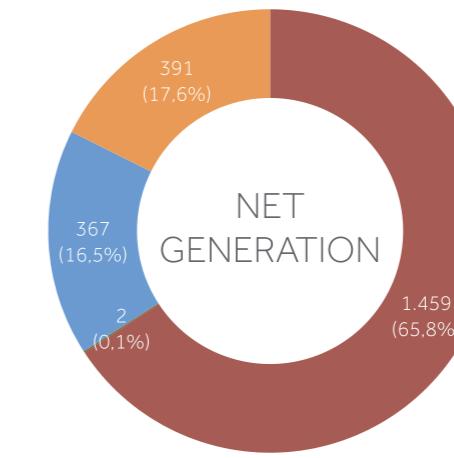
NET CAPACITY (MW)

50	6,00%
210	7,92%
108	11,37%
19	13,03%
153	16,41%
320	21,58%
437	24,15%
70	33,02%
130	2,60%
116	11,40%
375	10,06%
300	17,29%
34	22,42%
315	13,04%
150	21,62%
384	12,55%
274	0,00%
274	0,00%
283	44,48%
283	26,59%
342	40,07%
255	0,00%
256	0,00%
289	8,09%
616	26,64%
806	55,76%
417	26,07%
334	36,86%
418	42,35%
410	0,00%
434	45,66%
476	7,95%
433	31,50%
536	2,30%
387	47,81%
811	41,96%
433	44,64%
49	2,34%
49	1,93%
49	2,27%

UTILISATION COEFFICIENT (%)

6,00%
7,92%
11,37%
13,03%
16,41%
21,58%
24,15%
33,02%
2,60%
11,40%
10,06%
17,29%
22,42%
13,04%
21,62%
12,55%
0,00%
0,00%
44,48%
26,59%
40,07%
0,00%
0,00%
8,09%
26,64%
55,76%
26,07%
36,86%
42,35%
0,00%
45,66%
7,95%
31,50%
2,30%
47,81%
41,96%
44,64%
2,34%
1,93%
2,27%

	Net Generation (GWh)	Net Capacity (MW)	Utilisation Coefficient (%)
N.G. Open Cycle	2,39	148	2,2%
Hydro	367	3.171	15,5%
Lignite	391	2.872	18,3%
N.G. Combined Cycle	1.459	5.895	33,3%
2.219	12.086	24,7%	



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.
- The generation units Agios Nikolaos2 and Ptolemaida5 are in trial phase. Their Net Capacity shall be precisely determined following the completion of the trial phase.

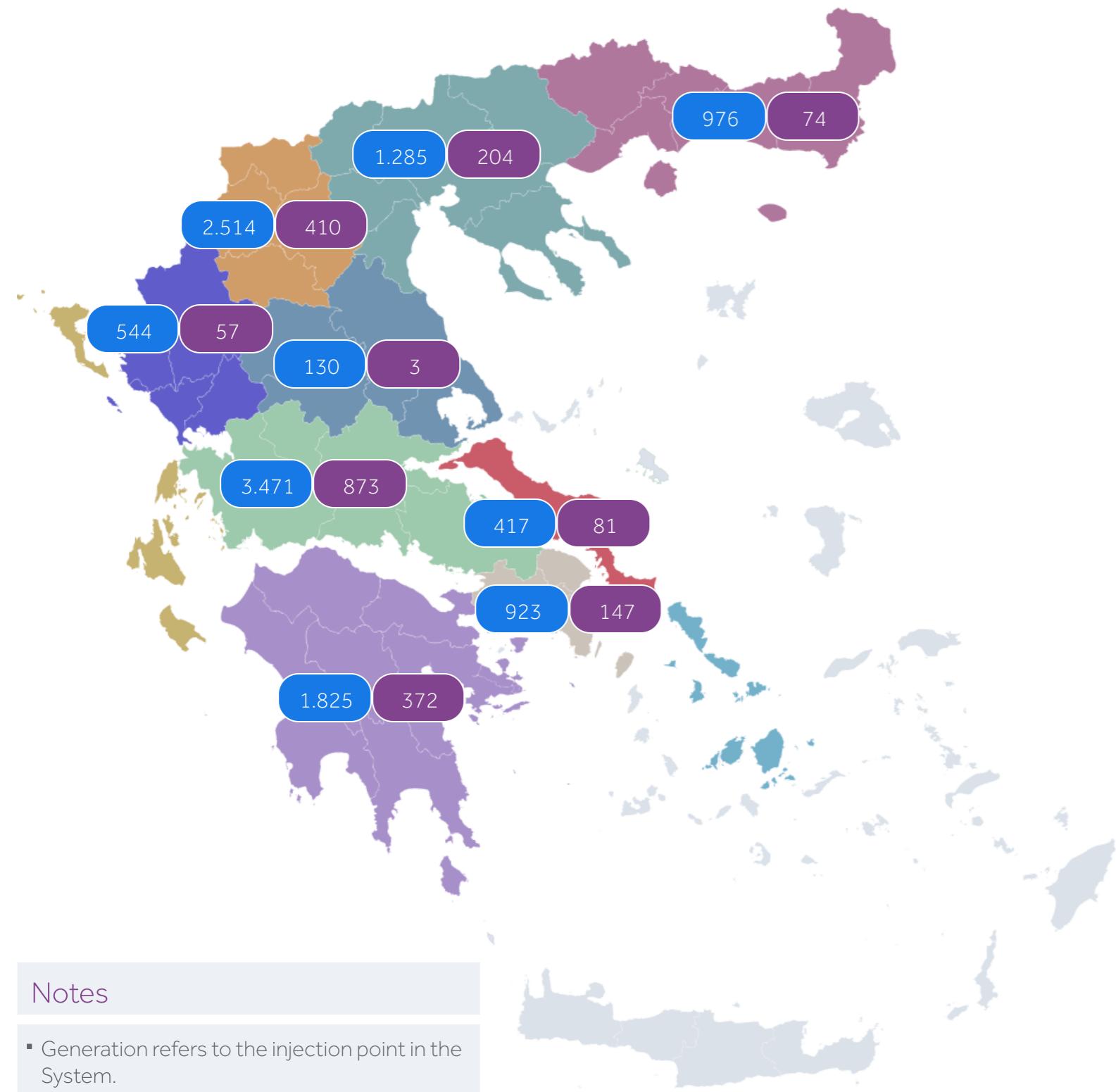
Geographical Distribution of Conventional Generation



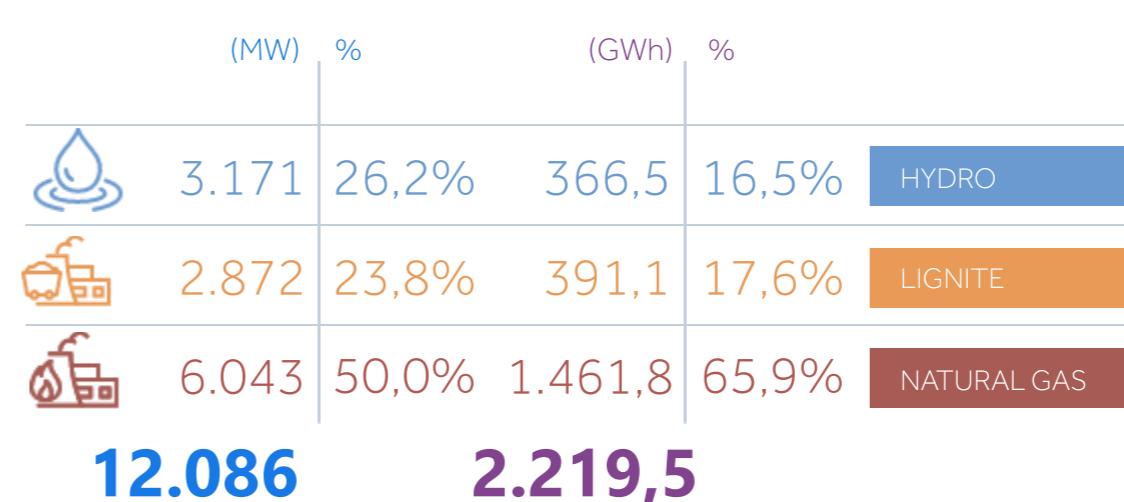
Annex 2.7

GEOGRAPHICAL DISTRIBUTION OF CONVENTIONAL GENERATION

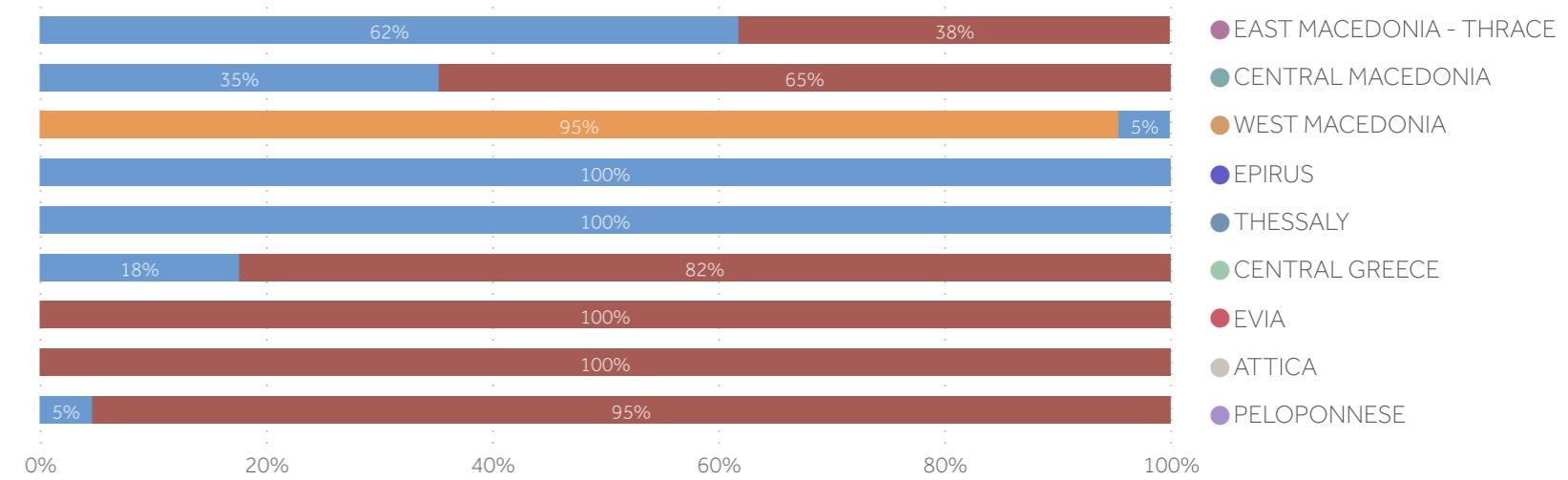
NET CAPACITY (MW) | NET GENERATION (GWh)



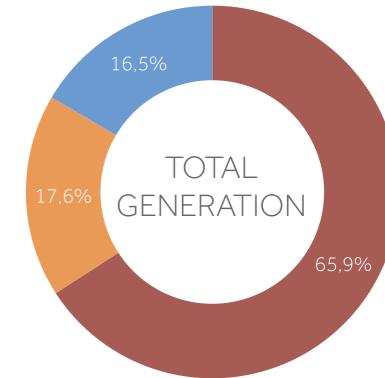
ENERGY MIX OF CONVENTIONAL GENERATION



per geographical area (%)



GEOGRAPHICAL DISTRIBUTION OF CONVENTIONAL GENERATION per fuel category (%)



Notes

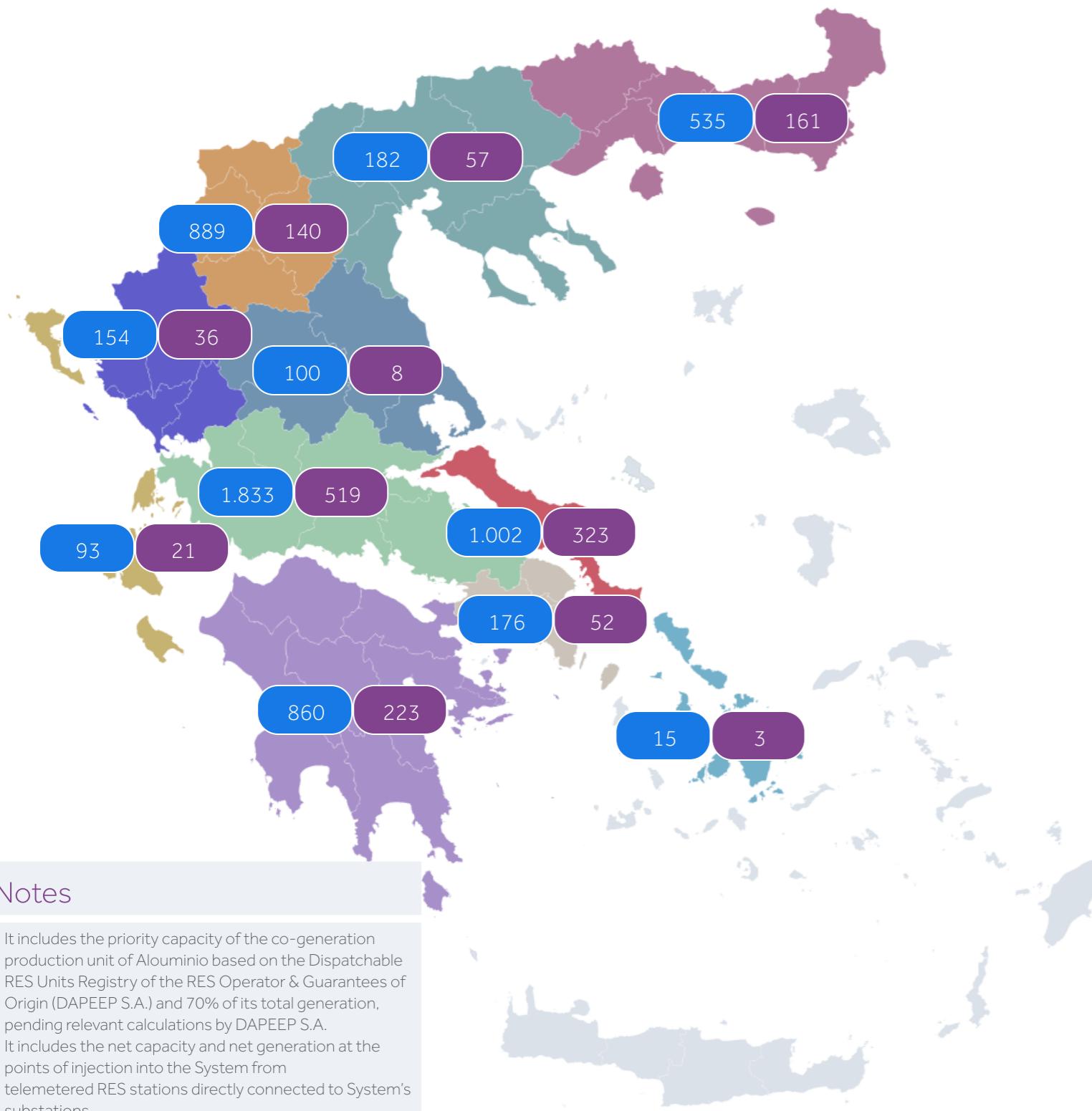
- Generation refers to the injection point in the System.
- Generation by dispatchable co-generation units that has not been characterised as high efficiency Co-Generation, is the total generation (conventional and Co-Generation).

Geographical Distribution of System RES Generation

 Annex 2.8

GEOGRAPHICAL DISTRIBUTION OF SYSTEM RES GENERATION

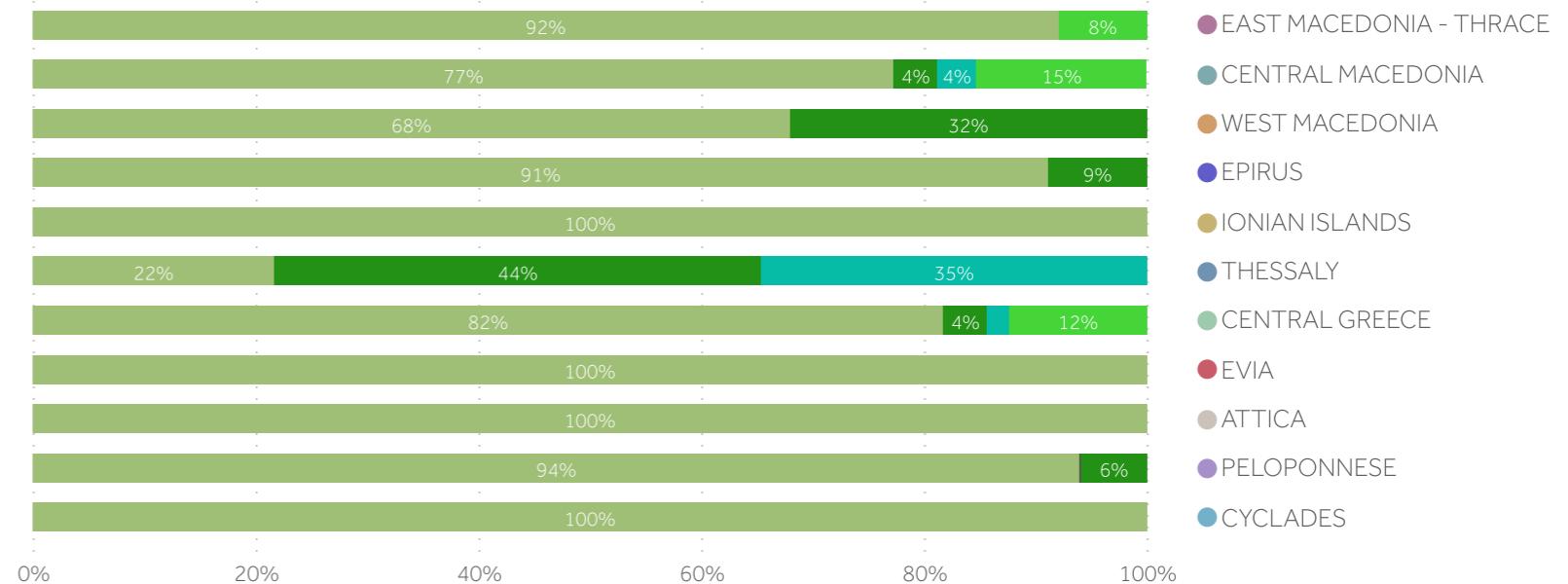
NET CAPACITY (MW) | NET GENERATION (GWh)



ENERGY MIX OF SYSTEM RES GENERATION

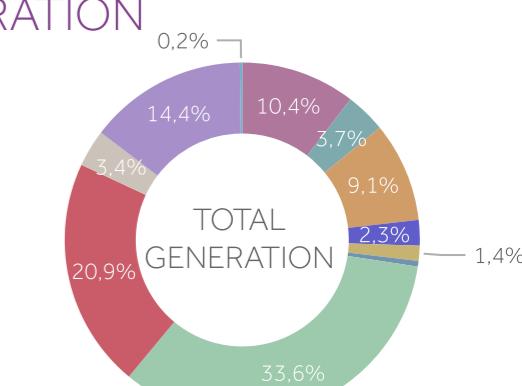
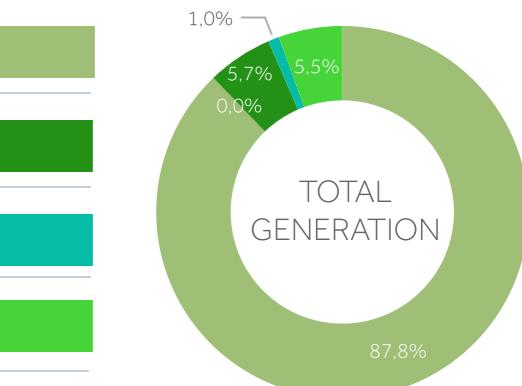
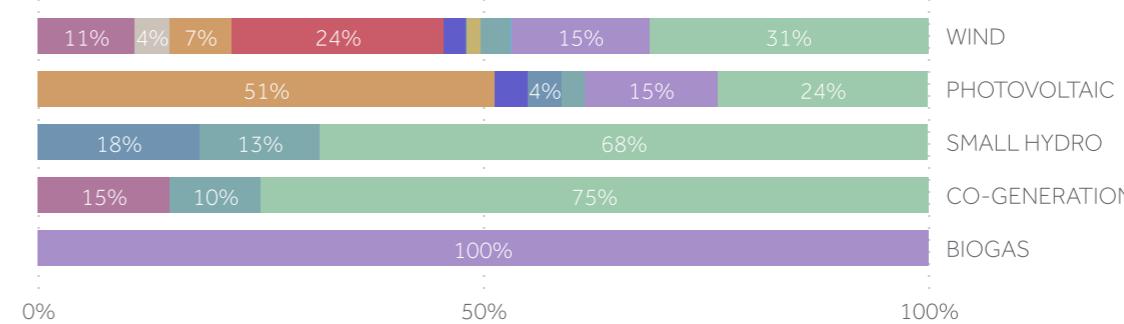
	(MW)	%	(GWh)	%	
	4.562	78,1%	1.355,6	87,8%	WIND
	1.071	18,3%	87,6	5,7%	PHOTOVOLTAIC
	40	0,7%	14,8	1,0%	SMALL HYDRO
	167	2,9%	85,5	5,5%	CO-GENERATION
	2	0,03%	0,3	0,0%	BIOGAS
	5.841		1.543,8		

per geographical area (%)

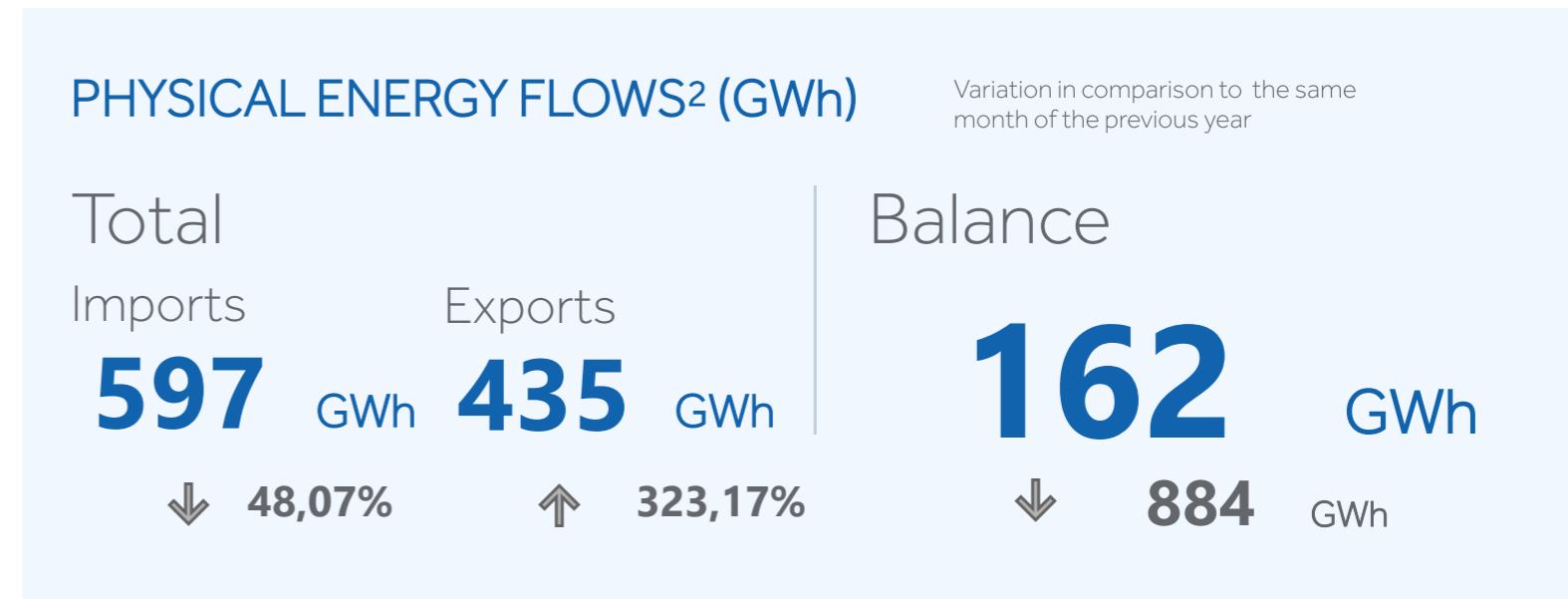
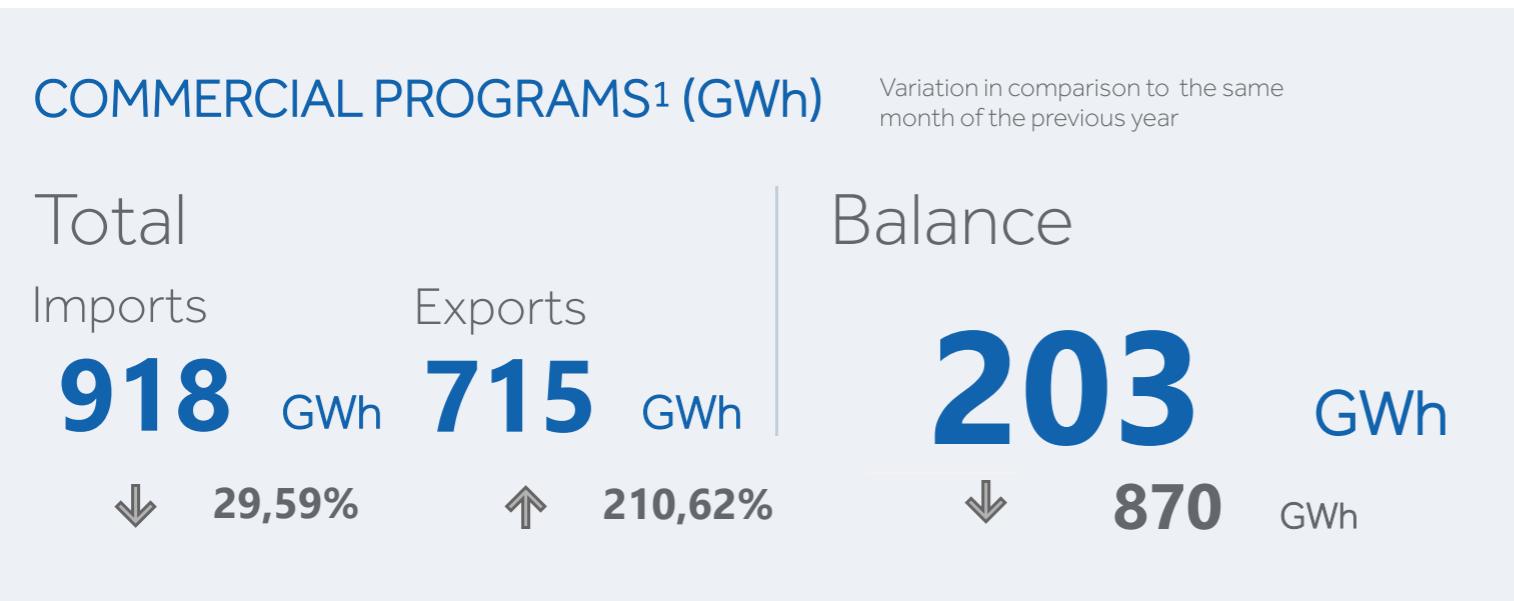


GEOGRAPHICAL DISTRIBUTION OF SYSTEM RES GENERATION

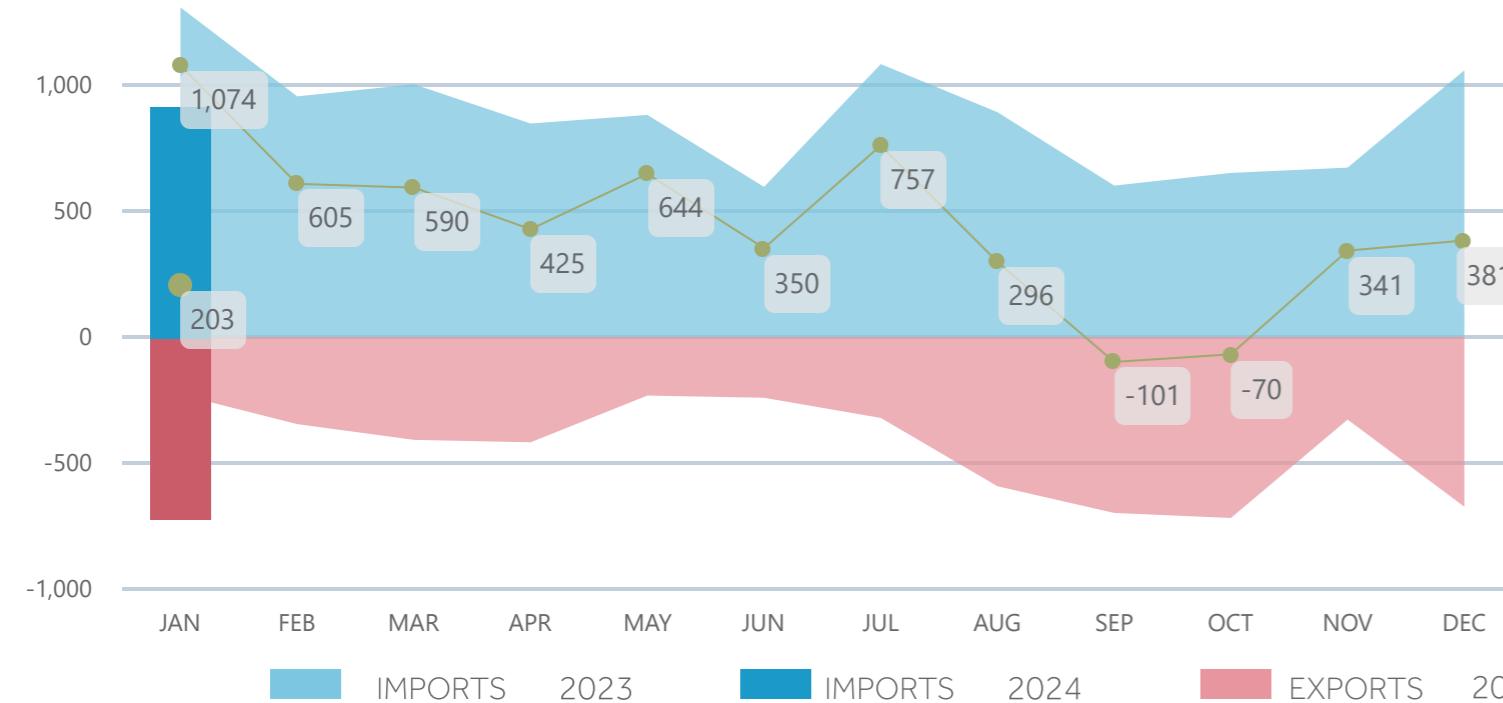
per RES technology (%)



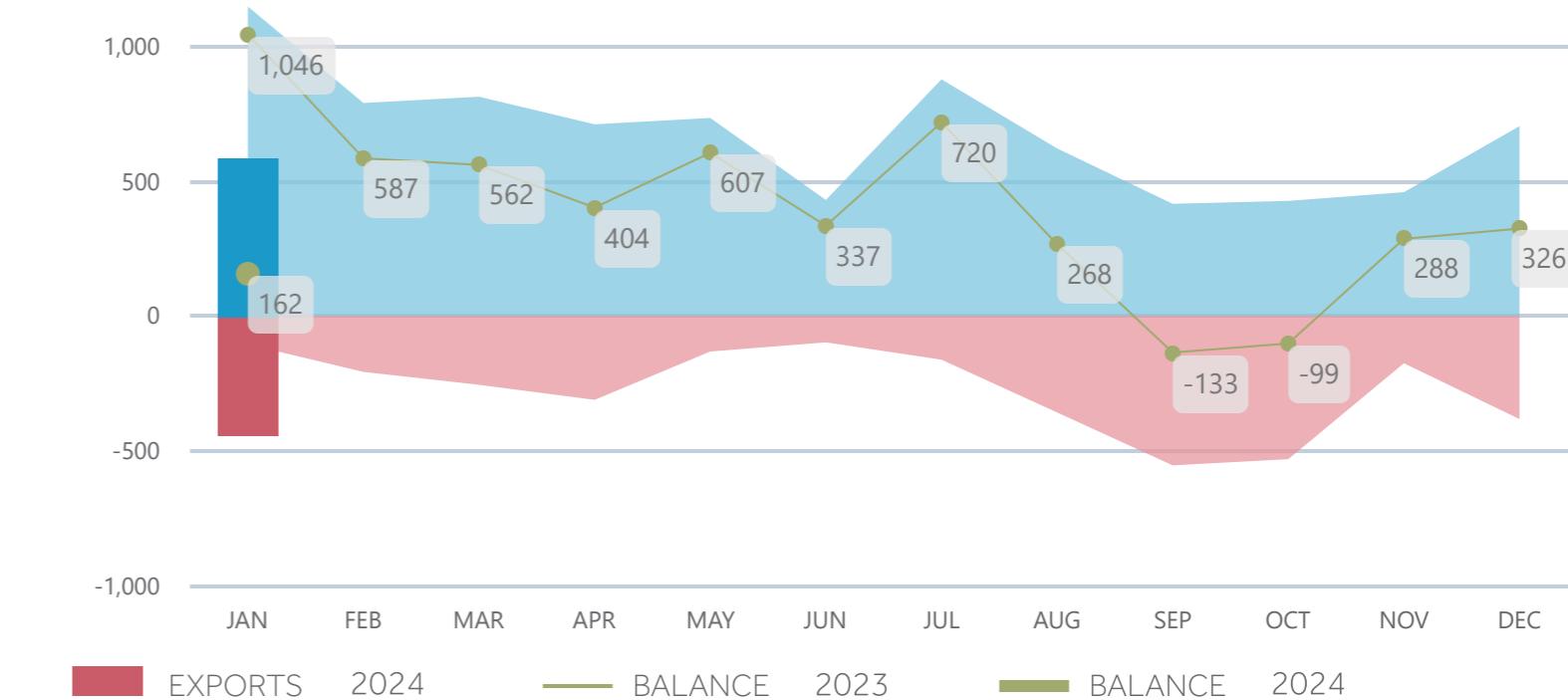
Energy on Interconnections



EVOLUTION OF COMMERCIAL PROGRAMS (GWh) Annex 3.1



EVOLUTION OF PHYSICAL ENERGY FLOWS (GWh) Annex 3.2



Notes

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

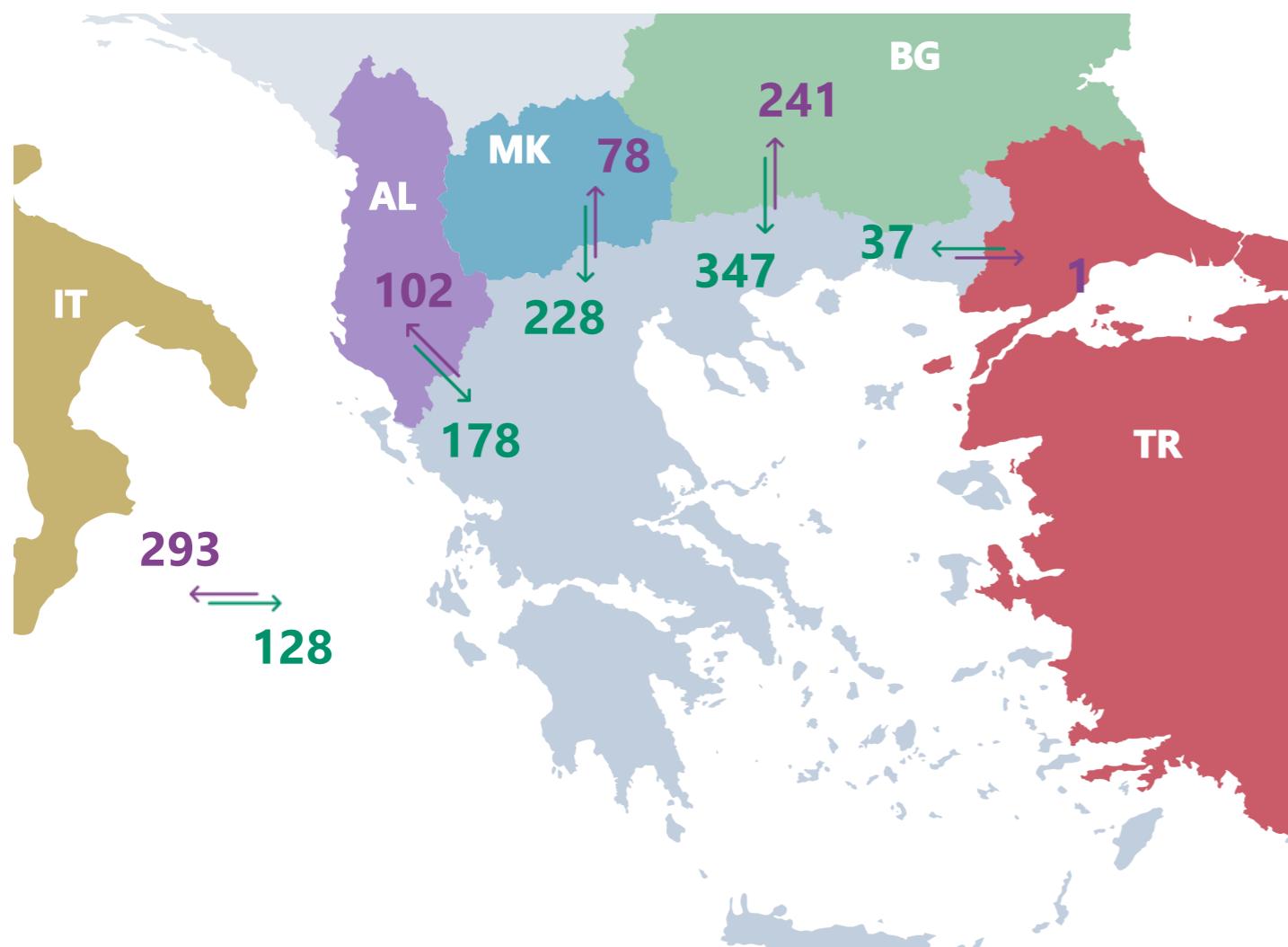
2 Balance of physical energy flows on the interconnections is calculated as the difference "Physical Flow Imports "- "Physical Flow Exports" for all the interconnections.

Commercial Programs per Interconnection

Interconnection Balance

203 GWh **870** GWh

Variation in comparison to
the same month of the
previous year

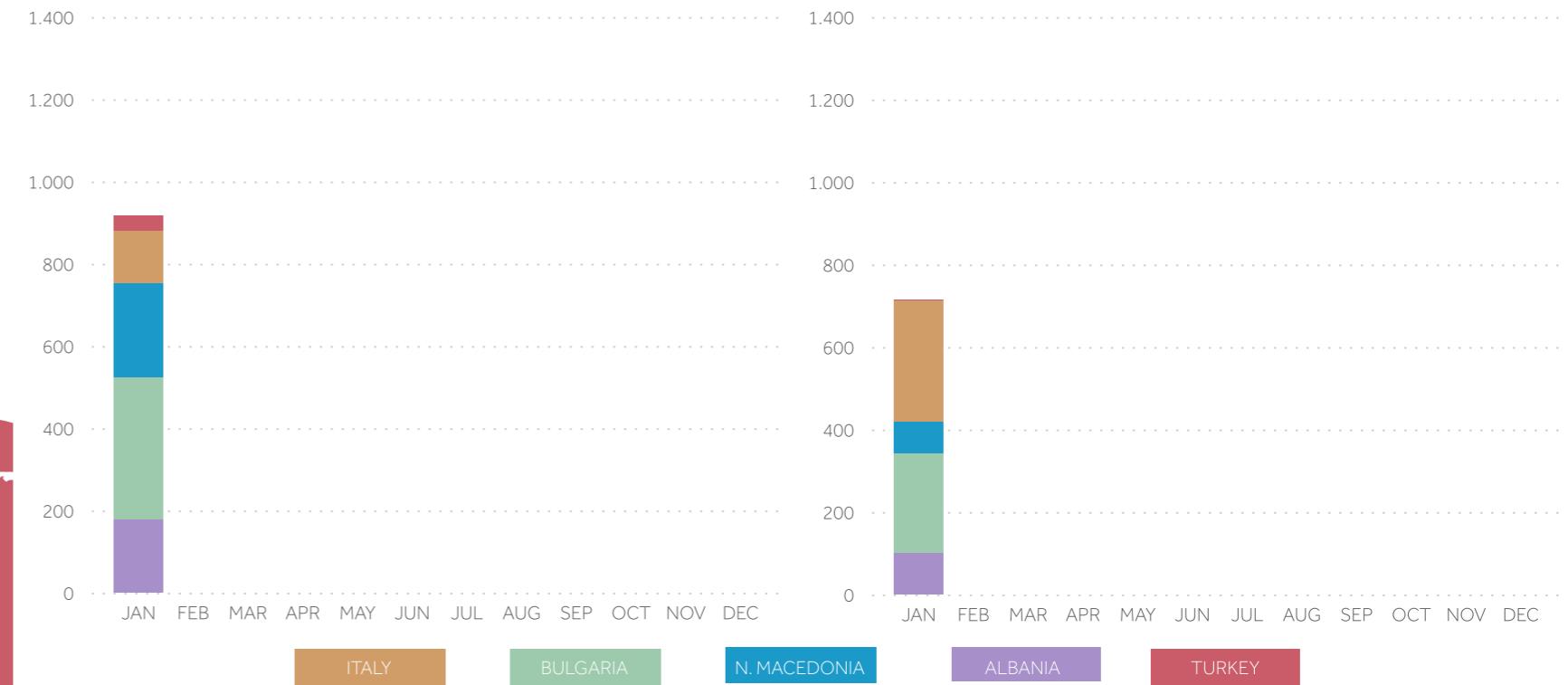


COMMERCIAL PROGRAMS PER INTERCONNECTION

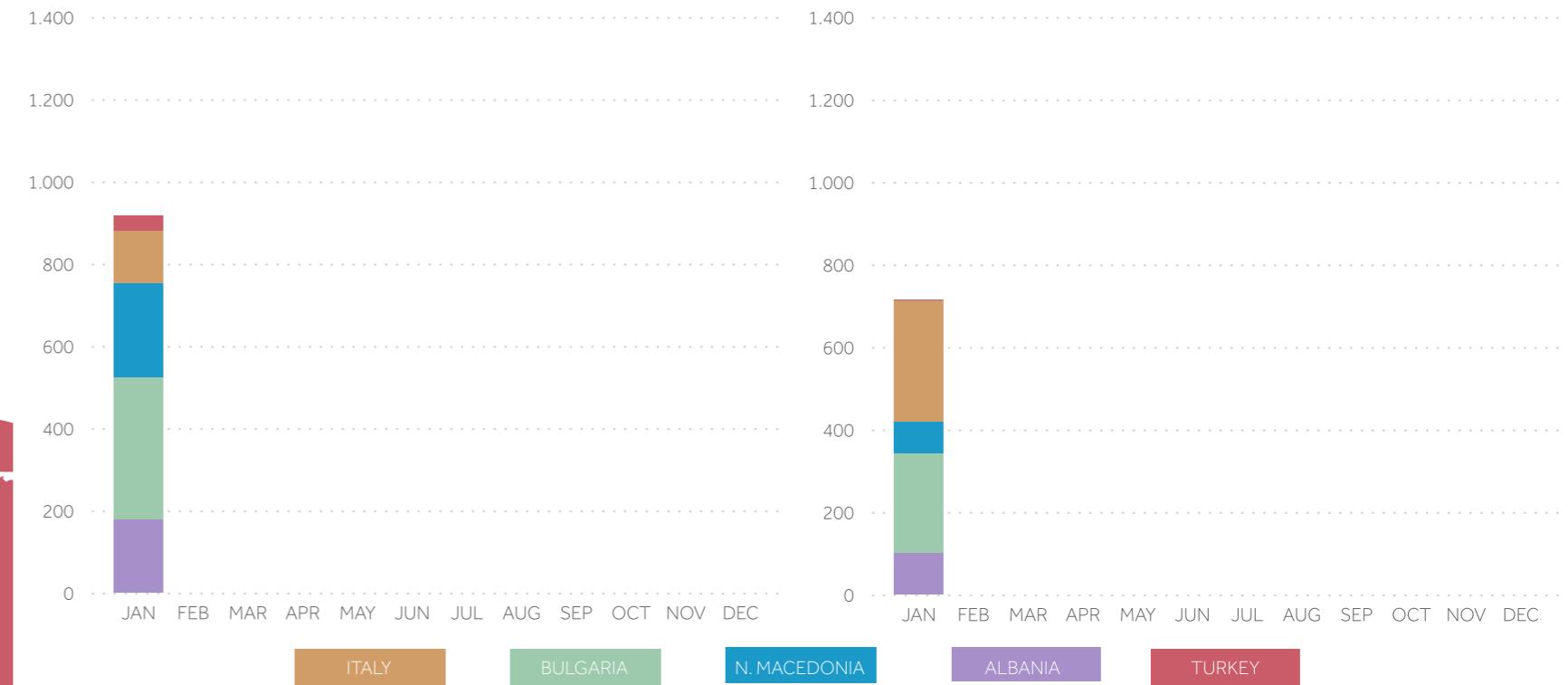


Annex 3.3-3.4

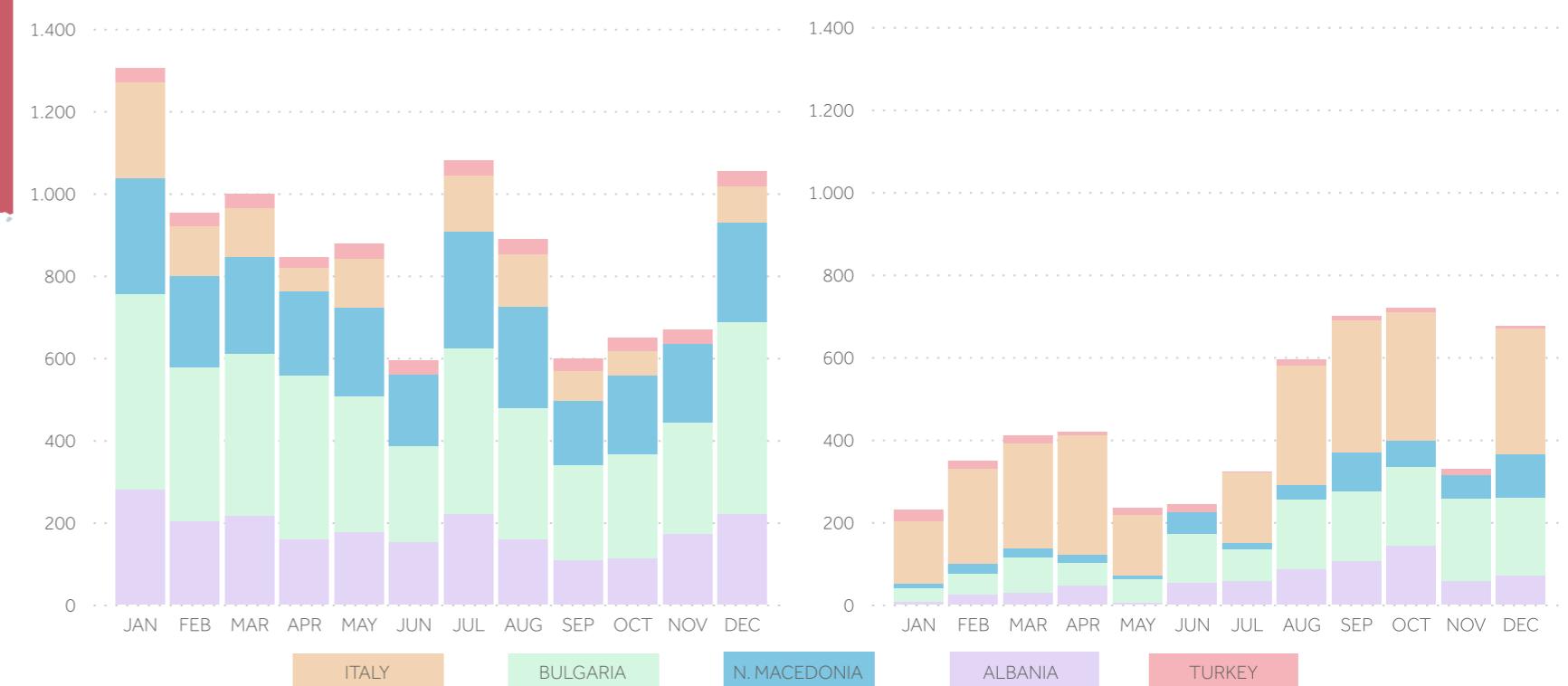
IMPORTS 2024



EXPORTS 2024



IMPORTS 2023





Με μπατιά



Ισοζύγιο



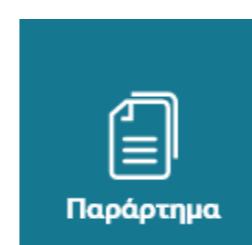
Ζήτηση



Παραγωγή



Διασυνδέσεις



Παράρτημα

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MONTHLY ENERGY BULLETIN | January 2024

| 1st VERSION

1.1 Demand by Consumption Category (GWh)

2023

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	2.902,05	565,23	550,50	24,29	27,31	32,02	100,46	42,47	4.244,32	3.679,09
FEB	2.696,45	679,62	506,42	22,26	28,08	18,03	92,67	53,96	4.097,50	3.417,88
MAR	2.397,34	820,25	563,47	21,76	36,47	35,45	82,89	51,36	4.008,98	3.188,73
APR	2.015,27	845,94	524,52	20,05	35,11	33,45	77,94	56,79	3.609,07	2.763,13
MAY	2.056,85	838,21	535,61	19,05	34,00	37,71	77,79	62,33	3.661,52	2.823,32
JUN	2.227,82	946,20	507,60	15,49	34,72	22,53	74,84	69,04	3.898,33	2.952,13
JUL	3.659,37	1.074,21	546,43	17,81	27,11	11,23	110,06	83,65	5.529,96	4.455,75
AUG	3.185,59	1.022,96	487,59	17,71	34,39	13,26	103,26	86,12	4.951,00	3.928,04
SEP	2.353,75	776,11	492,46	15,28	33,12	23,59	93,69	59,21	3.847,30	3.071,20
OCT	2.158,25	752,58	551,26	19,07	25,64	16,07	87,99	68,35	3.679,32	2.926,74
NOV	2.365,38	614,59	560,62	18,63	29,92	42,85	79,65	38,58	3.750,21	3.135,62
DEC	2.827,95	590,67	553,77	20,67	28,50	41,15	97,45	53,87	4.214,04	3.623,36
	30.846,05	9.526,56	6.380,25	232,06	374,36	327,35	1.078,67	725,72	49.491,55	39.964,99

2024

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	3.035,74	660,72	570,87	21,04	31,77	52,13	97,84	54,98	4.525,09	3.864,37
FEB										
MAR										
APR										
MAY										
JUN										
JUL										
AUG										
SEP										
OCT										
NOV										
DEC										
	3.035,74	660,72	570,87	21,04	31,77	52,13	97,84	54,98	4.525,09	3.864,37



At a glance



Energy Balance



Demand



Generation



Interconnections



Annex

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MONTHLY ENERGY BULLETIN | January 2024

1st VERSION

1.2 Maximum and Minimum Hourly Total Demand (MW)

2023

MONTH	MAXIMUM TOTAL DEMAND	MAXIMUM TOTAL DEMAND DATE	MAXIMUM TOTAL DEMAND TIME	MINIMUM TOTAL DEMAND	MINIMUM TOTAL DEMAND DATE	MINIMUM TOTAL DEMAND TIME
JAN	7.923	31/01/2023	20:00	3.734	01/01/2023	6:00
FEB	8.673	07/02/2023	13:00	3.722	28/02/2023	5:00
MAR	7.453	17/03/2023	14:00	3.756	27/03/2023	5:00
APR	6.632	06/04/2023	21:00	3.370	17/04/2023	5:00
MAY	6.290	26/05/2023	13:00	3.387	08/05/2023	4:00
JUN	7.726	28/06/2023	14:00	3.571	05/06/2023	4:00
JUL	10.385	26/07/2023	15:00	4.352	02/07/2023	7:00
AUG	9.221	04/08/2023	15:00	4.374	15/08/2023	7:00
SEP	7.587	01/09/2023	14:00	3.706	10/09/2023	5:00
OCT	6.350	05/10/2023	14:00	3.481	29/10/2023	5:00
NOV	7.217	27/11/2023	20:00	3.769	10/11/2023	5:00
DEC	7.445	18/12/2023	20:00	3.800	27/12/2023	5:00

2024

MONTH	MAXIMUM TOTAL DEMAND	MAXIMUM TOTAL DEMAND DATE	MAXIMUM TOTAL DEMAND TIME	MINIMUM TOTAL DEMAND	MINIMUM TOTAL DEMAND DATE	MINIMUM TOTAL DEMAND TIME
JAN	8.410	30/01/2024	20:00	3.755	02/01/2024	4:00
FEB						
MAR						
APR						
MAY						
JUN						
JUL						
AUG						
SEP						
OCT						
NOV						
DEC						

1.3 Maximum and Minimum Hourly System Demand (MW)

2023

MONTH	MAXIMUM SYSTEM DEMAND	MAXIMUM SYSTEM DEMAND DATE	MAXIMUM SYSTEM DEMAND TIME	MINIMUM SYSTEM DEMAND	MINIMUM SYSTEM DEMAND DATE	MINIMUM SYSTEM DEMAND TIME
JAN	7.515	31/01/2023	20:00	2.629	01/01/2023	15:00
FEB	8.226	09/02/2023	20:00	2.181	27/02/2023	15:00
MAR	6.655	17/03/2023	20:00	1.080	26/03/2023	15:00
APR	6.328	06/04/2023	21:00	1.216	15/04/2023	14:00
MAY	5.633	02/05/2023	21:00	1.453	07/05/2023	16:00
JUN	6.518	28/06/2023	22:00	2.144	05/06/2023	15:00
JUL	8.960	21/07/2023	21:00	2.735	09/07/2023	15:00
AUG	8.162	03/08/2023	22:00	2.246	15/08/2023	13:00
SEP	6.762	01/09/2023	21:00	1.794	10/09/2023	15:00
OCT	5.807	24/10/2023	20:00	1.492	15/10/2023	15:00
NOV	7.002	27/11/2023	20:00	1.871	05/11/2023	12:00
DEC	7.141	18/12/2023	20:00	2.253	26/12/2023	13:00

2024

MONTH	MAXIMUM SYSTEM DEMAND	MAXIMUM SYSTEM DEMAND DATE	MAXIMUM SYSTEM DEMAND TIME	MINIMUM SYSTEM DEMAND	MINIMUM SYSTEM DEMAND DATE	MINIMUM SYSTEM DEMAND TIME
JAN	8.087	30/01/2024	20:00	2.943	01/01/2024	15:00
FEB						
MAR						
APR						
MAY						
JUN						
JUL						
AUG						
SEP						
OCT						
NOV						
DEC						



At a glance



Energy Balance



Demand



Generation



Interconnections



Annex

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MONTHLY ENERGY BULLETIN | January 2024

| 1st VERSION

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

2023

TIME	SYSTEM DEMAND	TOTAL DEMAND
1	4.578	4.867
2	4.221	4.509
3	4.147	4.434
4	4.050	4.338
5	4.018	4.305
6	4.169	4.454
7	4.592	4.875
8	5.286	5.572
9	5.592	6.085
10	5.444	6.543
11	5.039	6.712
12	4.763	6.771
13	4.664	6.791
14	4.700	6.734
15	4.736	6.497
16	5.139	6.414
17	5.631	6.292
18	6.137	6.458
19	6.614	6.915
20	6.693	6.996
21	6.594	6.898
22	6.168	6.473
23	5.654	5.959
24	5.198	5.501

2024

TIME	SYSTEM DEMAND	TOTAL DEMAND
1	4.897	5.218
2	4.495	4.814
3	4.546	4.860
4	4.451	4.762
5	4.443	4.750
6	4.604	4.907
7	4.987	5.289
8	5.675	5.982
9	5.880	6.510
10	5.456	6.926
11	4.838	7.040
12	4.406	7.009
13	4.295	7.026
14	4.330	6.954
15	4.478	6.764
16	5.078	6.747
17	5.841	6.703
18	6.542	6.901
19	7.016	7.337
20	7.077	7.400
21	6.971	7.295
22	6.527	6.848
23	6.006	6.329
24	5.522	5.844

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

Date of Maximum

30/01/2024

Date of Minimum

02/01/2024

TIME	SYSTEM DEMAND	TOTAL DEMAND
1	5.203	5.622
2	4.823	5.238
3	4.989	5.389
4	4.903	5.296
5	4.654	5.050
6	4.812	5.206
7	5.327	5.734
8	6.273	6.687
9	6.472	7.332
10	6.027	7.888
11	5.495	8.098
12	5.146	8.203
13	4.977	8.202
14	4.931	8.059
15	5.111	7.872
16	5.713	7.925
17	6.586	7.868
18	7.426	7.858
19	8.006	8.312
20	8.087	8.410
21	7.927	8.245
22	7.292	7.621
23	6.706	7.036
24	6.133	6.468

TIME	SYSTEM DEMAND	TOTAL DEMAND
1	4.129	4.344
2	3.789	4.008
3	3.681	3.902
4	3.527	3.755
5	3.647	3.877
6	4.016	4.242
7	4.264	4.496
8	4.358	4.600
9	4.615	4.938
10	4.867	5.401
11	4.944	5.728
12	4.839	5.943
13	4.425	6.045
14	4.064	6.039
15	4.069	5.884
16	4.538	5.856
17	5.189	5.775
18	5.734	5.982
19	6.085	6.324
20	6.108	6.344
21	6.023	6.273
22	5.754	5.990
23	5.343	5.583
24	4.916	5.160



At a glance



Energy Balance



Demand



Generation



Interconnections



Annex

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MONTHLY ENERGY BULLETIN | January 2024

| 1st VERSION

1.6 Analysis of Load Representatives' Supply (GWh)

LOAD REPRESENTATIVE 2024-01

PPC	2.310,6
MYTILINEOS	640,8
HERON	465,1
ELPEDISON	257,5
NRG	233,8
ATTIKI GSC	143,2
ZENITH	119,2
VOLTERA	73,9
VOLTION	55,0
PPC_USP	43,0
EUNICE TRAD	6,8
ELINOIL	6,7
MYTILINEOS_USP	2,4
VIENER	2,2
ELPEDISON_USP	2,1
OTE	2,1
HERON_USP	2,0
NRG_USP	1,6
ELTA	1,5
SOLAR ENERGY	1,3
MARKOU	0,6
KOR_POWER	0,6
VIOLAR	0,3
TOTAL	4.372,7



At a glance



Energy Balance



Demand



Generation



Interconnections



Annex

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MONTHLY ENERGY BULLETIN | January 2024

| 1st 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	214,50	31,74%	279,41	34,71%	1.816,71	62,82%	2.310,61	52,84%
MYTILINEOS	240,60	35,60%	137,38	17,07%	262,80	9,09%	640,78	14,65%
HERON	137,88	20,40%	140,23	17,42%	187,03	6,47%	465,14	10,64%
ELPEDISON	66,77	9,88%	47,95	5,96%	142,81	4,94%	257,53	5,89%
NRG	9,37	1,39%	69,94	8,69%	154,49	5,34%	233,80	5,35%
ATTIKI GSC	0,00	0,00%	61,05	7,58%	82,19	2,84%	143,24	3,28%
ZENITH	0,00	0,00%	4,92	0,61%	114,32	3,95%	119,24	2,73%
VOLTERRA	6,13	0,91%	45,82	5,69%	21,96	0,76%	73,91	1,69%
VOLTION	0,00	0,00%	5,68	0,71%	49,29	1,70%	54,98	1,26%
PPC_USP	0,00	0,00%	0,00	0,00%	43,02	1,49%	43,02	0,98%
EUNICE TRAD	0,00	0,00%	3,31	0,41%	3,49	0,12%	6,81	0,16%
ELINOIL	0,00	0,00%	3,93	0,49%	2,77	0,10%	6,71	0,15%
MYTILINEOS_USP	0,00	0,00%	0,00	0,00%	2,39	0,08%	2,39	0,05%
VIENER	0,00	0,00%	2,20	0,27%	0,00	0,00%	2,20	0,05%
ELPEDISON_USP	0,00	0,00%	0,00	0,00%	2,14	0,07%	2,14	0,05%
OTE	0,00	0,00%	1,02	0,13%	1,08	0,04%	2,10	0,05%
HERON_USP	0,00	0,00%	0,00	0,00%	2,05	0,07%	2,05	0,05%
NRG_USP	0,00	0,00%	0,00	0,00%	1,63	0,06%	1,63	0,04%
ELTA	0,00	0,00%	0,62	0,08%	0,93	0,03%	1,55	0,04%
SOLAR ENERGY	0,00	0,00%	0,62	0,08%	0,72	0,03%	1,34	0,03%
MARKOU	0,00	0,00%	0,63	0,08%	0,00	0,00%	0,63	0,01%
KOR_POWER	0,56	0,08%	0,00	0,00%	0,00	0,00%	0,56	0,01%
VIOLAR	0,00	0,00%	0,29	0,04%	0,02	0,00%	0,31	0,01%
TOTAL	675,81	100,00%	805,01	100,00%	2.891,84	100,00%	4.372,66	100,00%



At a glance



Energy Balance



Demand



Generation



Interconnections



Annex

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MONTHLY ENERGY BULLETIN | January 2024

| 1st VERSION

2.1 Evolution of Energy Mix (GWh)

2023

MONTH	LIGNITE	NATURAL GAS	HYDRO	OTHER FUEL	SYSTEM RES	NETWORK RES	CRETE INTERCONNECTION (RES)	CONVENTIONAL GENERATION	SYSTEM GENERATION	TOTAL GENERATION
JAN	405,532	885,725	353,362	2,251	984,504	565,229	1,565	1,646,870	2,632,939	3,198,168
FEB	611,167	917,775	286,531	1,893	1,012,430	679,618	1,404	1,817,366	2,831,200	3,510,818
MAR	428,766	949,211	187,044	0,300	1,058,859	820,246	2,430	1,565,321	2,626,610	3,446,856
APR	275,156	1,099,621	175,728	0,777	806,813	845,941	0,915	1,551,282	2,359,010	3,204,951
MAY	199,692	873,382	216,867	1,421	924,831	838,206	0,334	1,291,362	2,216,527	3,054,733
JUN	218,540	1,395,369	371,042	1,604	628,615	946,202	0,104	1,986,555	2,615,274	3,561,476
JUL	591,388	1,910,425	431,952	1,564	800,795	1,074,208	0,003	2,935,329	3,736,127	4,810,335
AUG	371,479	1,619,973	436,067	1,621	1,230,797	1,022,957	0,000	2,429,140	3,659,937	4,682,894
SEP	187,093	1,507,491	360,307	0,890	1,148,444	776,106	0,216	2,055,781	3,204,441	3,980,547
OCT	358,380	1,326,658	440,540	1,003	899,172	752,583	0,463	2,126,581	3,026,216	3,778,799
NOV	377,494	963,713	288,504	0,964	1,215,368	614,587	1,304	1,630,675	2,847,347	3,461,934
DEC	488,517	1,181,499	499,202	1,244	1,125,134	590,674	1,822	2,170,462	3,297,418	3,888,092
	4,513,204	14,630,842	4,047,146	15,532	11,835,762	9,526,557	10,560	23,206,724	35,053,046	44,579,603

2024

MONTH	LIGNITE	NATURAL GAS	HYDRO	OTHER FUEL	SYSTEM RES	NERWORK RES	CRETE INTERCONNECTION (RES)	CONVENTIONAL GENERATION	SYSTEM GENERATION	TOTAL GENERATION
JAN	391,105	1,397,692	366,547	1,392	1,543,765	660,717	2,136	2,156,736	3,702,637	4,363,354
FEB										
MAR										
APR										
MAY										
JUN										
JUL										
AUG										
SEP										
OCT										
NOV										
DEC										
	391,105	1,397,692	366,547	1,392	1,543,765	660,717	2,136	2,156,736	3,702,637	4,363,354

2.2 Evolution of Conventional Generation Mix (GWh)

2023

MONTH	LIGNITE	NATURAL GAS	HYDRO	OTHER FUEL	TOTAL CONVENTIONAL GENERATION
JAN	405,53	885,73	353,36	2,25	1.646,87
FEB	611,17	917,78	286,53	1,89	1.817,37
MAR	428,77	949,21	187,04	0,30	1.565,32
APR	275,16	1.099,62	175,73	0,78	1.551,28
MAY	199,69	873,38	216,87	1,42	1.291,36
JUN	218,54	1.395,37	371,04	1,60	1.986,56
JUL	591,39	1.910,43	431,95	1,56	2.935,33
AUG	371,48	1.619,97	436,07	1,62	2.429,14
SEP	187,09	1.507,49	360,31	0,89	2.055,78
OCT	358,38	1.326,66	440,54	1,00	2.126,58
NOV	377,49	963,71	288,50	0,96	1.630,68
DEC	488,52	1.181,50	499,20	1,24	2.170,46
	4.513,20	14.630,84	4.047,15	15,53	23.206,72

2024

MONTH	LIGNITE	NATURAL GAS	HYDRO	OTHER FUEL	TOTAL CONVENTIONAL GENERATION
JAN	391,11	1.397,69	366,55	1,39	2.156,74
FEB					
MAR					
APR					
MAY					
JUN					
JUL					
AUG					
SEP					
OCT					
NOV					
DEC					
	391,11	1.397,69	366,55	1,39	2.156,74

2.3 Evolution of System RES Generation Mix (GWh)

2023

MONTH	WIND	PHOTOVOLTAIC	SMALL HYDRO	CO-GENERATION	BIOGAS	TOTAL SYSTEM RES GENERATION
JAN	831,74	46,08	12,31	94,37		984,50
FEB	860,06	61,06	8,37	82,94		1.012,43
MAR	887,65	70,80	11,76	88,64		1.058,86
APR	639,87	73,36	11,13	82,46		806,81
MAY	758,79	69,92	11,51	84,61		924,83
JUN	442,59	95,69	10,44	79,88	0,010	628,61
JUL	581,85	128,27	9,21	81,01	0,464	800,79
AUG	1.008,27	130,27	9,01	82,97	0,284	1.230,80
SEP	969,16	106,21	8,43	63,90	0,745	1.148,44
OCT	706,68	114,78	7,64	69,55	0,522	899,17
NOV	1.055,76	78,24	11,06	70,30	0,001	1.215,37
DEC	946,22	80,76	13,93	84,22	0,000	1.125,13
	9.688,65	1.055,43	124,81	964,85	2,026	11.835,76

2024

MONTH	WIND	PHOTOVOLTAIC	SMALL HYDRO	CO-GENERATION	BIOGAS	TOTAL SYSTEM RES GENERATION
JAN	1.355,56	87,59	14,84	85,52	0,261	1.543,76
FEB						
MAR						
APR						
MAY						
JUN						
JUL						
AUG						
SEP						
OCT						
NOV						
DEC						
	1.355,56	87,59	14,84	85,52	0,261	1.543,76



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2.4 Analysis of Conventional Net Generation and Capacity per Producer (GWh/%)

PRODUCER	NET GENERATION (GWh)	NET GENERATION (%)	NET CAPACITY (MW)	NET CAPACITY (%)
PPC	1.266,77	57,08%	8.670,00	71,74%
MYTILINEOS	569,68	25,67%	1.572,70	13,01%
HERON	149,73	6,75%	581,46	4,81%
ELPEDISON	131,70	5,93%	828,00	6,85%
KORINTHOS POWER	101,57	4,58%	433,46	3,59%
TOTAL	2.219,46	100,00%	12.085,62	100,00%

2.5 Evolution of Conventional Generation per Producer (GWh)

PRODUCER	2024-01
PPC	1.266,8
MYTILINEOS	569,7
HERON	149,7
ELPEDISON	131,7
KORINTHOS POWER	101,6
TOTAL	2.219,5



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2.6 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	0,00	0,00%
AGIOS DIMITRIOS2	PPC	LIGNITE	274,00	0,00	0,00%
AGIOS DIMITRIOS3	PPC	LIGNITE	283,00	93,66	44,48%
AGIOS DIMITRIOS4	PPC	LIGNITE	283,00	55,98	26,59%
AGIOS DIMITRIOS5	PPC	LIGNITE	342,00	101,96	40,07%
MEGALOPOLI3	PPC	LIGNITE	255,00	0,00	0,00%
MEGALOPOLI4	PPC	LIGNITE	256,00	0,00	0,00%
MELITI	PPC	LIGNITE	289,00	17,40	8,09%
PROLEMAIDA5	PPC	LIGNITE	616,00	122,11	26,64%
AGRAS	PPC	HYDRO	50,00	2,23	6,00%
AOOS	PPC	HYDRO	210,00	12,38	7,92%
ASOMATA	PPC	HYDRO	108,00	9,13	11,37%
EDESSAIOS	PPC	HYDRO	19,00	1,84	13,03%
ILARIONAS	PPC	HYDRO	153,00	18,69	16,41%
KASTRAKI	PPC	HYDRO	320,00	51,37	21,58%
KREMASTA	PPC	HYDRO	437,20	78,55	24,15%
LADONAS	PPC	HYDRO	70,00	17,20	33,02%
PLASTIRAS	PPC	HYDRO	129,90	2,52	2,60%
PLATANOVRYSI	PPC	HYDRO	116,00	9,83	11,40%
POLYFYTO	PPC	HYDRO	375,00	28,06	10,06%
POURNARI1	PPC	HYDRO	300,00	38,59	17,29%
POURNARI2	PPC	HYDRO	33,60	5,61	22,42%
SFIKIA	PPC	HYDRO	315,00	30,57	13,04%
STRATOS1	PPC	HYDRO	150,00	24,12	21,62%
THESAVROS	PPC	HYDRO	384,00	35,84	12,55%
AGIOS NIKOLAOS2	MYTILINEOS	NATURAL GAS	806,00	334,39	55,76%
ALIVERI5	PPC	NATURAL GAS	417,00	80,88	26,07%
ALOUMINIO	MYTILINEOS	NATURAL GAS	334,00	91,59	36,86%
ELPEDISON THESS	ELPEDISON	NATURAL GAS	418,00	131,70	42,35%
ELPEDISON THISVI	ELPEDISON	NATURAL GAS	410,00	0,00	0,00%
HERON CC	HERON	NATURAL GAS	433,70	147,33	45,66%
KOMOTINI	PPC	NATURAL GAS	476,30	28,17	7,95%
KORINTHOS POWER	KORINTHOS POWER	NATURAL GAS	433,46	101,57	31,50%
LAVRIO4	PPC	NATURAL GAS	536,00	9,19	2,30%
LAVRIO5	PPC	NATURAL GAS	387,00	137,67	47,81%
MEGALOPOLIS	PPC	NATURAL GAS	811,00	253,21	41,96%
PROTERGIA CC	MYTILINEOS	NATURAL GAS	432,70	143,71	44,64%
HERON1	HERON	NATURAL GAS	49,25	0,86	2,34%
HERON2	HERON	NATURAL GAS	49,25	0,71	1,93%
HERON3	HERON	NATURAL GAS	49,25	0,83	2,27%
TOTAL			12.085,62	2.219,46	24,68%

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.
- The generation units Agios Nikolaos2 and Ptolemaida5 are in trial phase. Their Net Capacity shall be precisely determined following the completion of the trial phase.

2.7 Geographical Distribution of Conventional Generation¹

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					146,86	923	146,86	923
CENTRAL GREECE	154,05	907			719,41	2.564	873,46	3.471
CENTRAL MACEDONIA	71,84	867			131,70	418	203,54	1.285
EAST MACEDONIA - THRACE	45,68	500			28,17	476	73,85	976
EPIRUS	56,58	544					56,58	544
EVIA					80,88	417	80,88	417
PELOPONNESE	17,20	70	0,00	511	354,78	1.244	371,98	1.825
THESSALY	2,52	130					2,52	130
WEST MACEDONIA	18,69	153	391,11	2.361			409,79	2.514
TOTAL	366,55	3.171	391,11	2.872	1.461,80	6.043	2.219,46	12.086

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).
- 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.

2.8 Geographical Distribution of System RES Generation²

RES TECHNOLOGY AREA	BIOGAS		CO-GENERATION		PHOTOVOLTAIC		SMALL HYDRO		WIND		TOTAL	
	NET GENERATION (GWh)	NET CAPACITY (MW)										
ATTICA									52,24	176	52,24	176
CENTRAL GREECE			64,11	133	20,66	217	10,14	23	424,28	1.461	519,19	1.833
CENTRAL MACEDONIA			8,66	16	2,20	29	2,00	11	43,79	127	56,65	182
CYCLADES									3,50	15	3,50	15
EAST MACEDONIA - THRACE			12,75	18					148,16	518	160,90	535
EPIRUS					3,17	50			32,68	104	35,84	154
EVIA									323,16	1.002	323,16	1.002
IONIAN ISLANDS									21,28	93	21,28	93
PELOPONNESE	0,26	2			13,14	154			209,35	705	222,76	860
THESSALY					3,42	66	2,71	6	1,69	28	7,82	100
WEST MACEDONIA					45,00	555			95,43	334	140,43	889
TOTAL	0,26	2	85,52	167	87,59	1.071	14,84	40	1.355,56	4.562	1.543,76	5.841



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3.1 Evolution of Commercial Programs (GWh)

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MONTH	EXPORTS (GWh)	IMPORTS (GWh)	BALANCE (GWh)
JAN	230,049	1,303,819	1,073,770
FEB	346,672	951,589	604,917
MAR	409,196	999,391	590,195
APR	418,808	844,025	425,217
MAY	233,613	878,051	644,438
JUN	242,456	592,855	350,399
JUL	322,277	1,079,365	757,088
AUG	592,949	888,892	295,943
SEP	698,701	598,079	-100,622
OCT	718,644	648,364	-70,280
NOV	328,710	669,255	340,545
DEC	674,024	1,054,629	380,605
TOTAL	5,216,099	10,508,314	5,292,215

3.2 Evolution of Physical Energy Flows (GWh)

2023

MONTH	EXPORTS (GWh)	IMPORTS (GWh)	BALANCE (GWh)
JAN	102,786	1,148,936	1,046,150
FEB	204,853	791,532	586,679
MAR	252,610	814,730	562,121
APR	308,404	712,524	404,120
MAY	129,275	736,065	606,791
JUN	95,328	432,184	336,856
JUL	159,606	879,234	719,628
AUG	355,074	623,181	268,107
SEP	551,124	417,879	-133,245
OCT	528,237	428,755	-99,482
NOV	172,722	460,996	288,275
DEC	379,738	705,680	325,942
TOTAL	3,239,754	8,151,696	4,911,942

2024

MONTH	EXPORTS (GWh)	IMPORTS (GWh)	BALANCE (GWh)
JAN	714,582	918,033	203,451
FEB			
MAR			
APR			
MAY			
JUN			
JUL			
AUG			
SEP			
OCT			
NOV			
DEC			
TOTAL	714,582	918,033	203,451

2024

MONTH	EXPORTS (GWh)	IMPORTS (GWh)	BALANCE (GWh)
JAN	434,959	596,692	161,733
FEB			
MAR			
APR			
MAY			
JUN			
JUL			
AUG			
SEP			
OCT			
NOV			
DEC			
TOTAL	434,959	596,692	161,733

3.3 Commercial Programs of Imports per Border (GWh)

2023	INTERCONNECTION	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
ALBANIA	279,078	201,953	216,750	158,053	177,270	152,932	220,234	159,702	109,383	113,205	172,458	220,187		2,181,205
BULGARIA	476,171	375,795	394,528	399,410	330,649	233,343	402,994	318,050	228,957	252,602	269,577	467,554		4,149,630
ITALY	234,331	120,734	119,691	57,754	120,441	0,000	136,174	129,399	74,270	59,029	0,000	89,753		1,141,576
N. MACEDONIA	280,853	220,829	233,604	203,978	213,883	172,293	283,029	245,654	155,955	190,900	192,512	240,165		2,633,655
TURKEY	33,386	32,278	34,818	24,830	35,808	34,287	36,934	36,087	29,514	32,628	34,708	36,970		402,248
TOTAL	1,303,819	951,589	999,391	844,025	878,051	592,855	1,079,365	888,892	598,079	648,364	669,255	1,054,629		10,508,314

2024	INTERCONNECTION	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
ALBANIA	177,666													177,666
BULGARIA	347,045													347,045
ITALY	128,121													128,121
N. MACEDONIA	228,246													228,246
TURKEY	36,955													36,955
TOTAL	918,033													918,033

3.4 Commercial Programs of Exports per Border (GWh)

2023	INTERCONNECTION	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
ALBANIA	7,365	24,708	28,341	47,211	5,811	53,491	57,796	86,075	105,337	143,001	58,651	71,330		689,117
BULGARIA	31,896	49,717	85,014	53,524	55,618	118,442	76,100	168,883	169,551	192,255	198,029	188,407		1,387,436
ITALY	149,685	228,754	253,102	289,855	146,503	0,000	170,633	287,881	319,389	311,428	0,000	303,224		2,460,454
N. MACEDONIA	12,855	25,776	23,835	20,826	8,332	52,974	16,053	36,504	94,986	61,761	58,433	105,492		517,827
TURKEY	28,248	17,717	18,904	7,392	17,349	17,549	1,695	13,606	9,438	10,199	13,597	5,571		161,265
TOTAL	230,049	346,672	409,196	418,808	233,613	242,456	322,277	592,949	698,701	718,644	328,710	674,024		5,216,099

2024	INTERCONNECTION	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
ALBANIA	101,503													101,503
BULGARIA	240,943													240,943
ITALY	293,387													293,387
N. MACEDONIA	77,667													77,667
TURKEY	1,082													1,082
TOTAL	714,582													714,582



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Remarks

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The data presented in this bulletin for the current month result from the initial settlement carried out by IPTO in W+1 timing (where W is the reference week), which is based on non-certified measurements. The data presented for previous months result from corrective settlements carried out by IPTO in W+6 timing (where W is the reference week), which are 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.).

1st Version

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