



Monthly Report · May 2021

Day Ahead & Intraday Electricity Markets – Greek Bidding Zone

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Summary

May 2021
Apr 2021
May 2020



€/MWh

DAM

LIDA1

LIDA2

LIDA3

63.16

62.53

63.12

63.52

64.17

63.17

64.88

66.80

34.27



GWh

3,972

28.2

14.6

11.3

4,176

37.8

17.0

9.7

3,476



M €

254.7

1.91

0.98

0.74

271.1

2.28

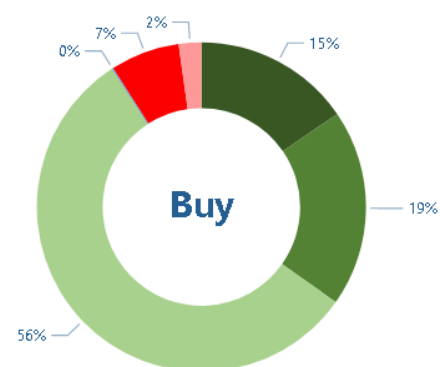
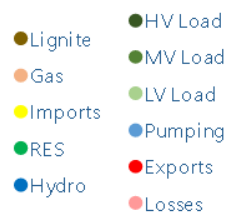
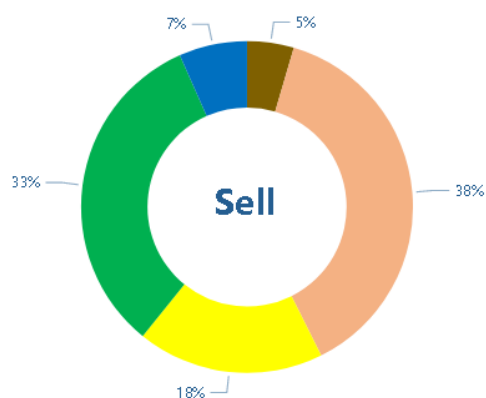
1.08

0.64

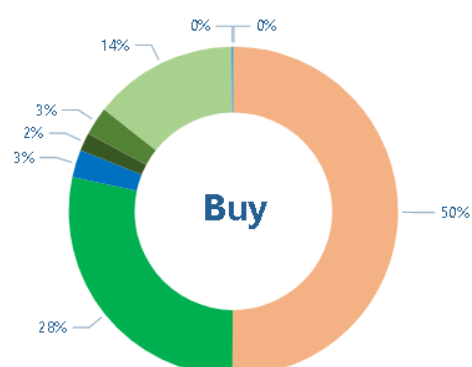
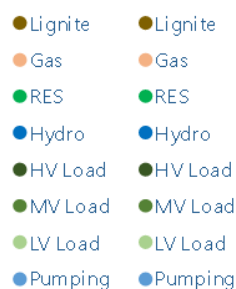
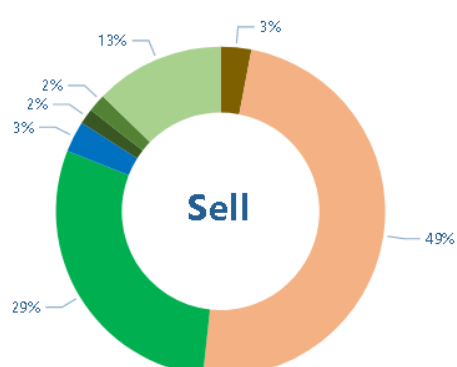
116.2

Volume mix

DAM



IDM



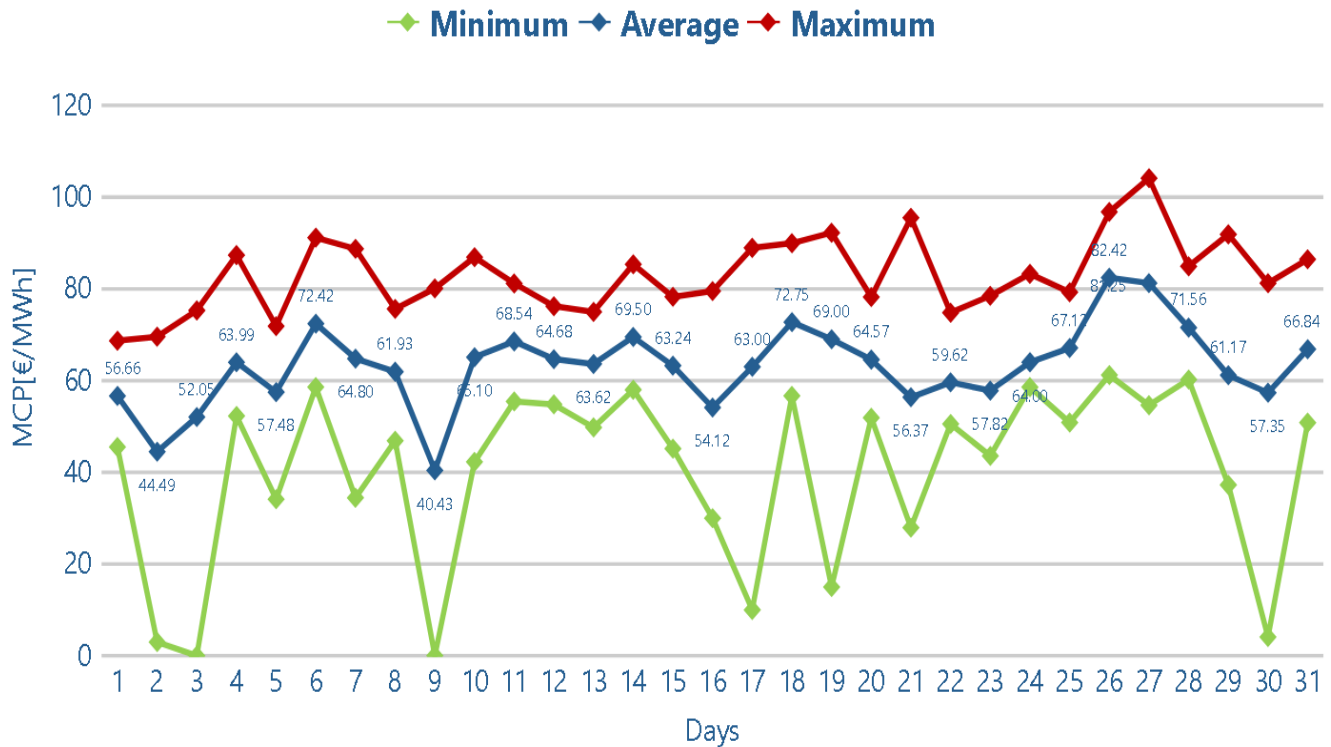
1. DAM

Market Clearing Price (MCP)

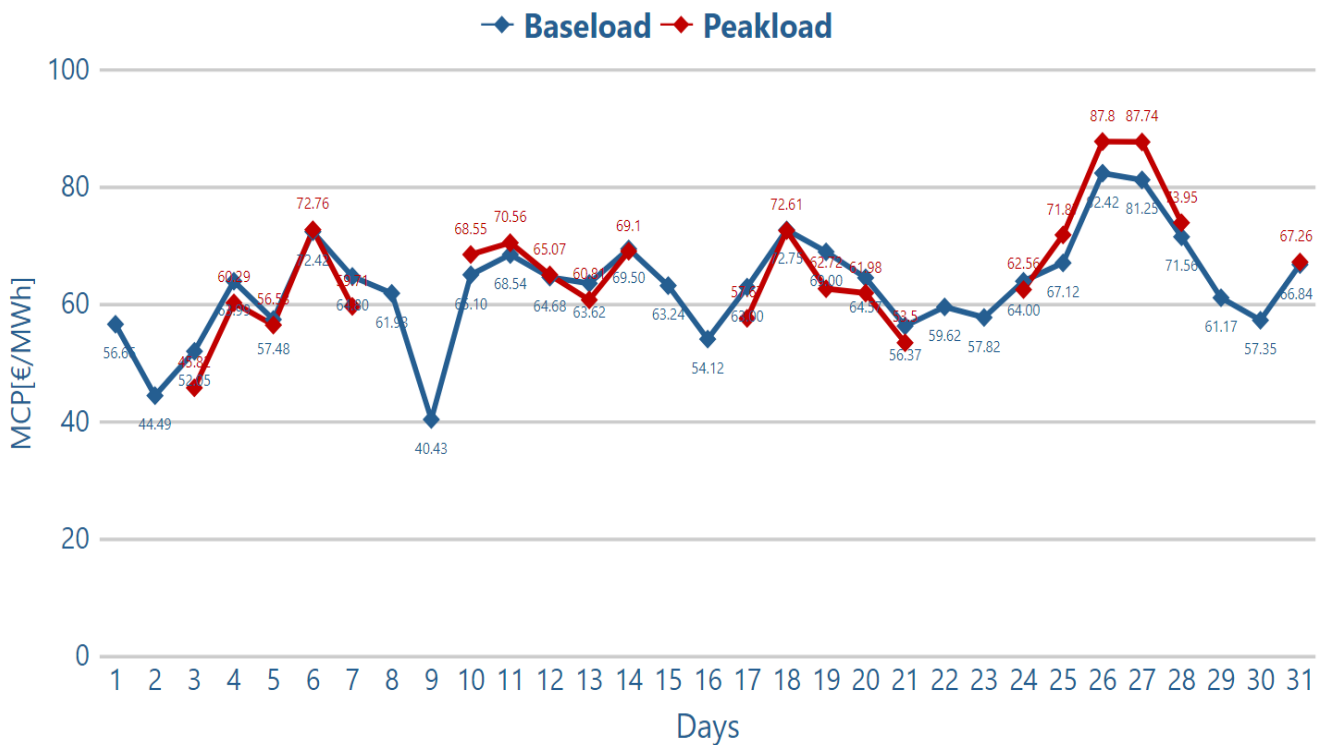
Volumes, technologies and order types

Interconnections

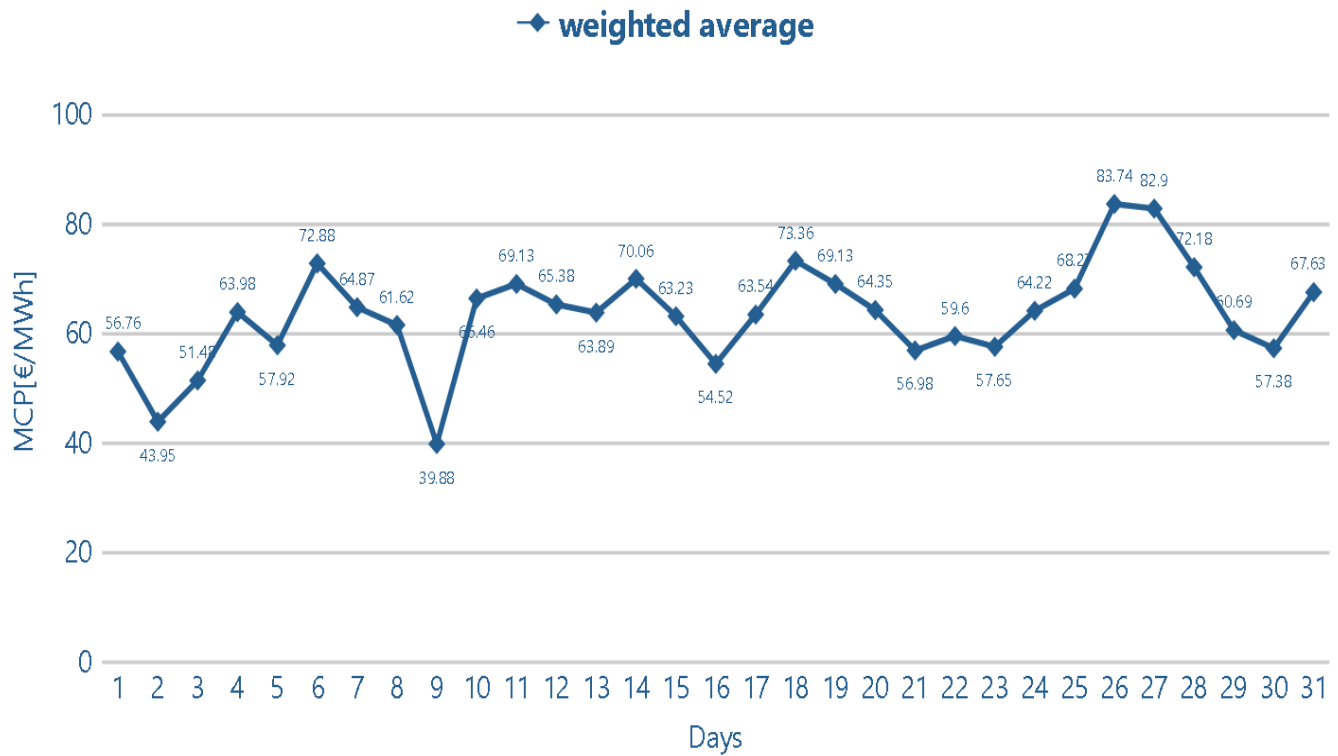
1.1. Daily MCP data of GR BZ



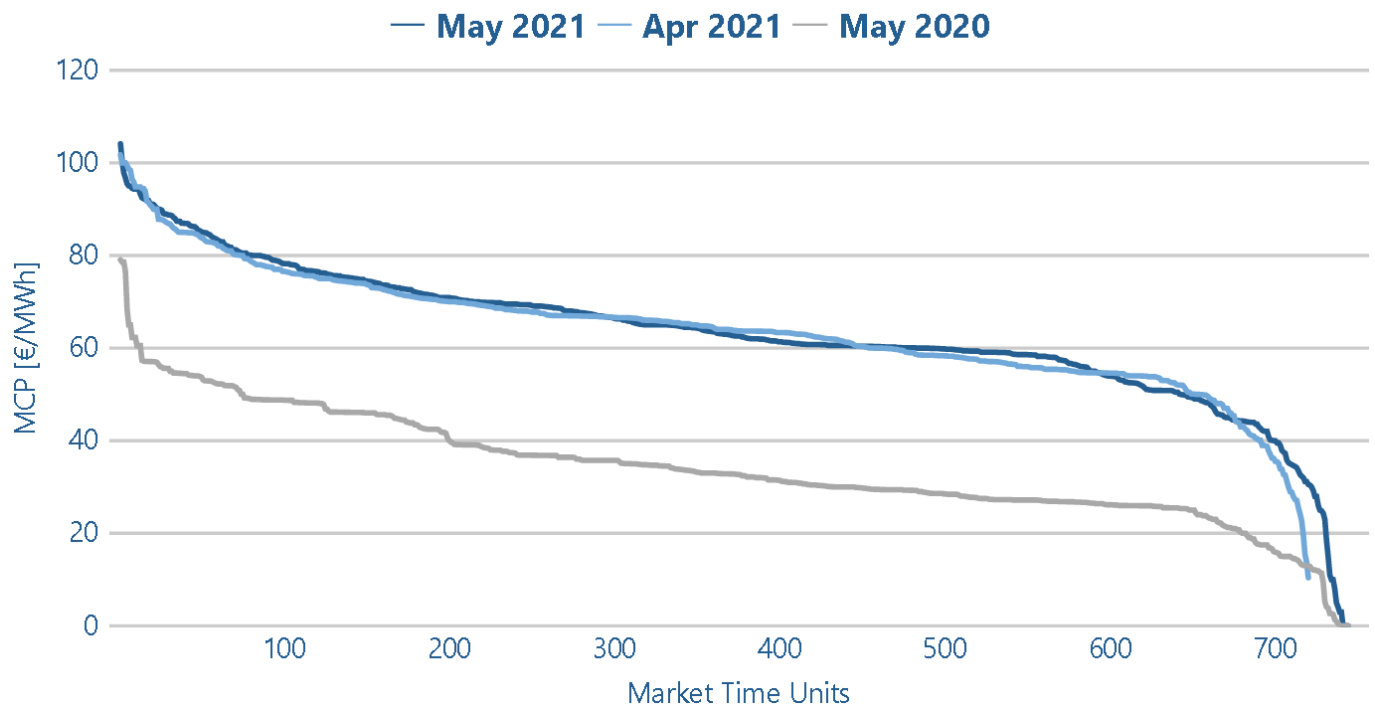
1.2. Daily average prices



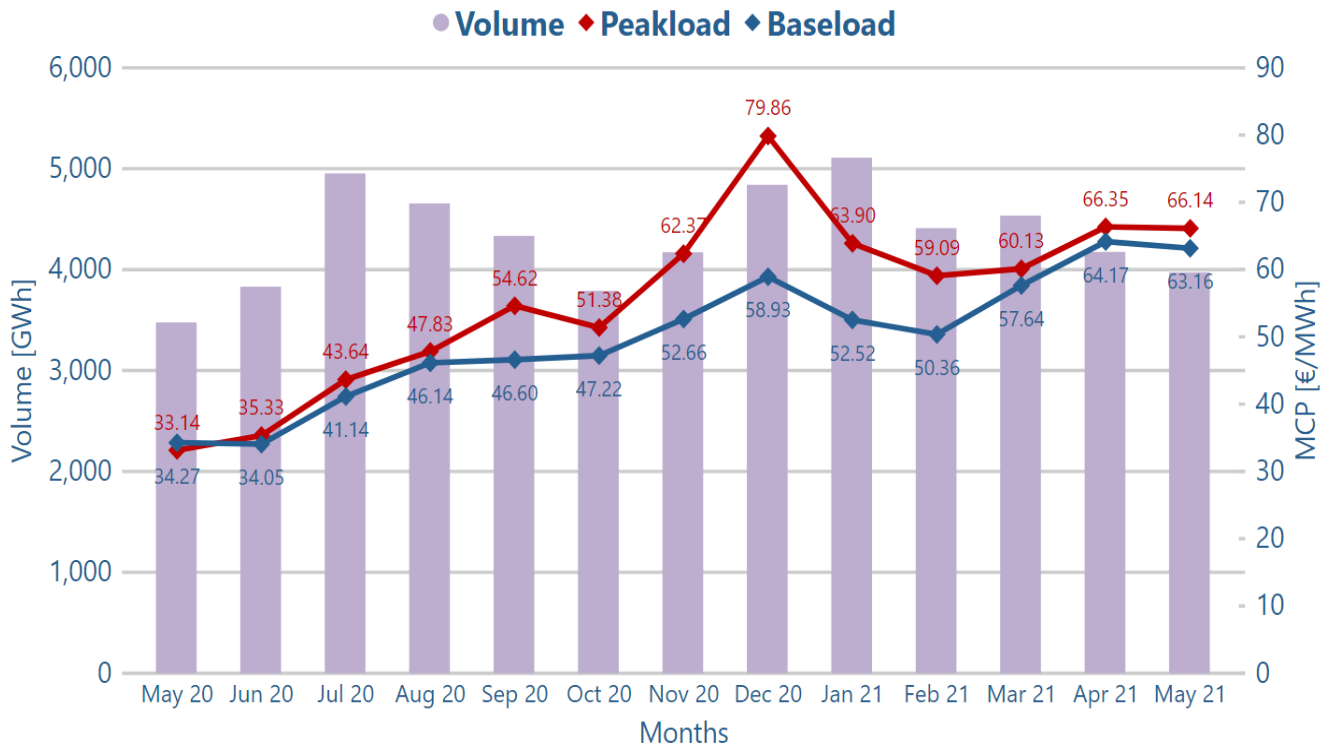
1.3. Daily weighted average baseload price



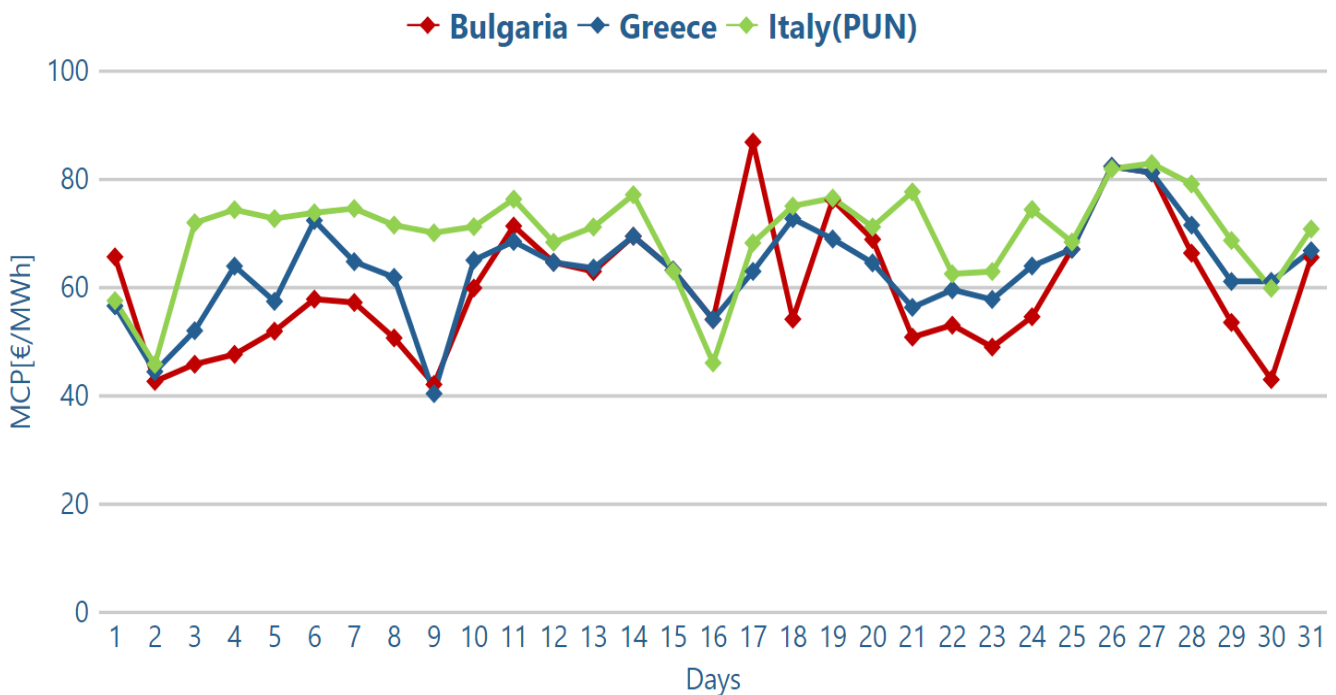
1.4. MCP duration curve



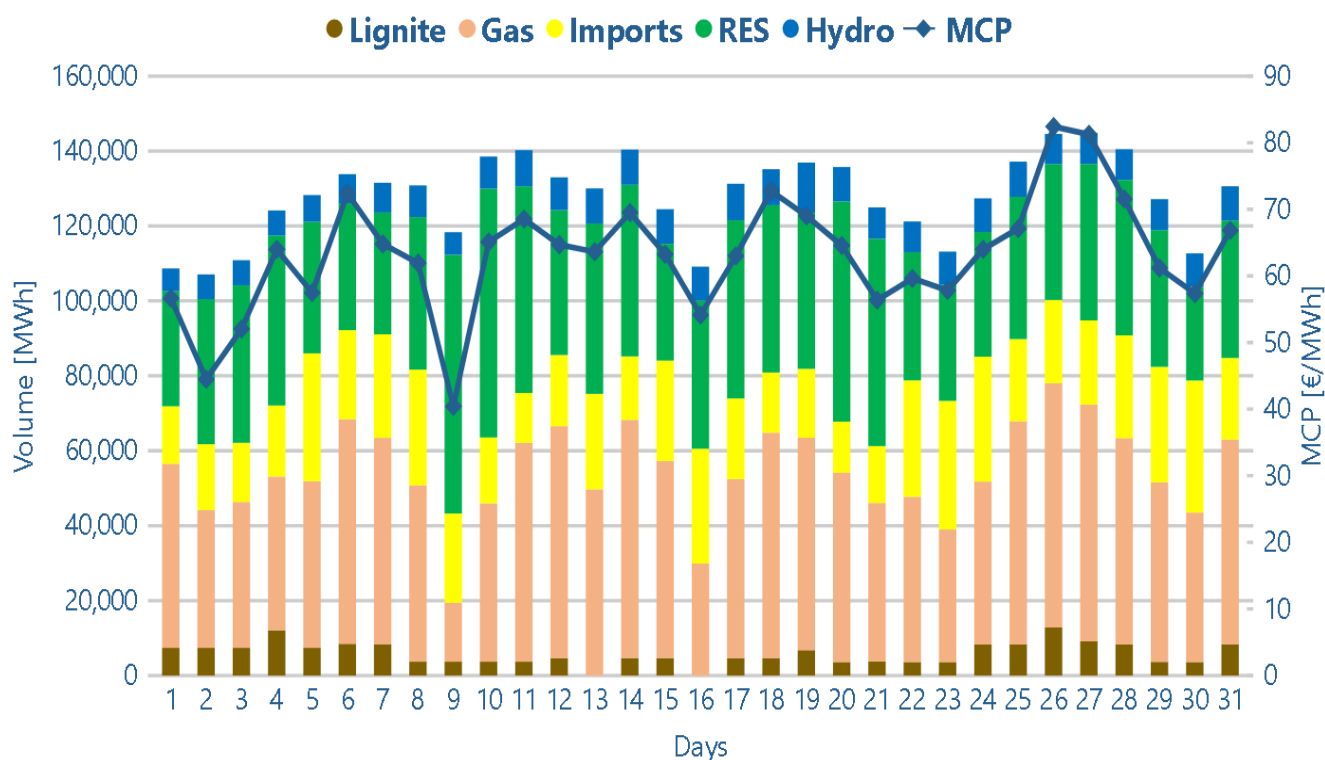
1.5. Monthly volume and average prices



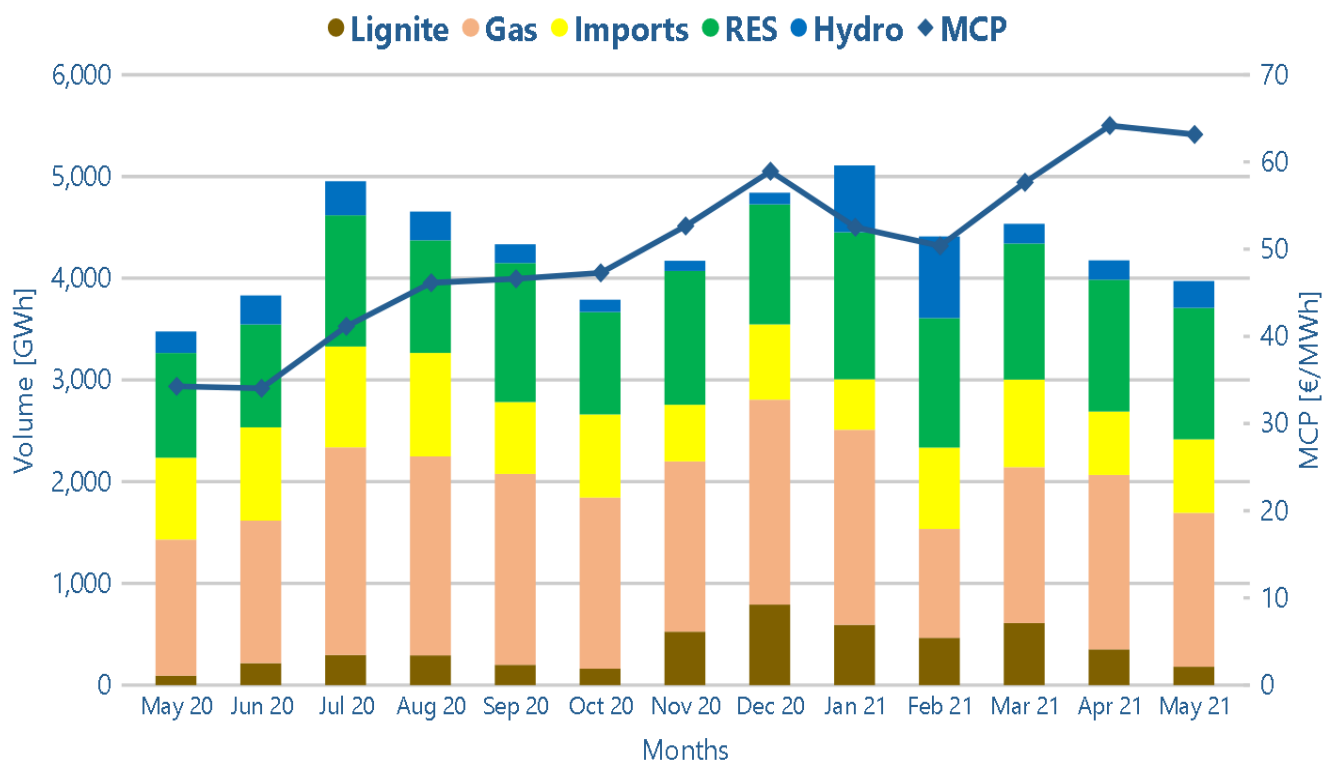
1.6. Daily average MCP of GR, IT, BG



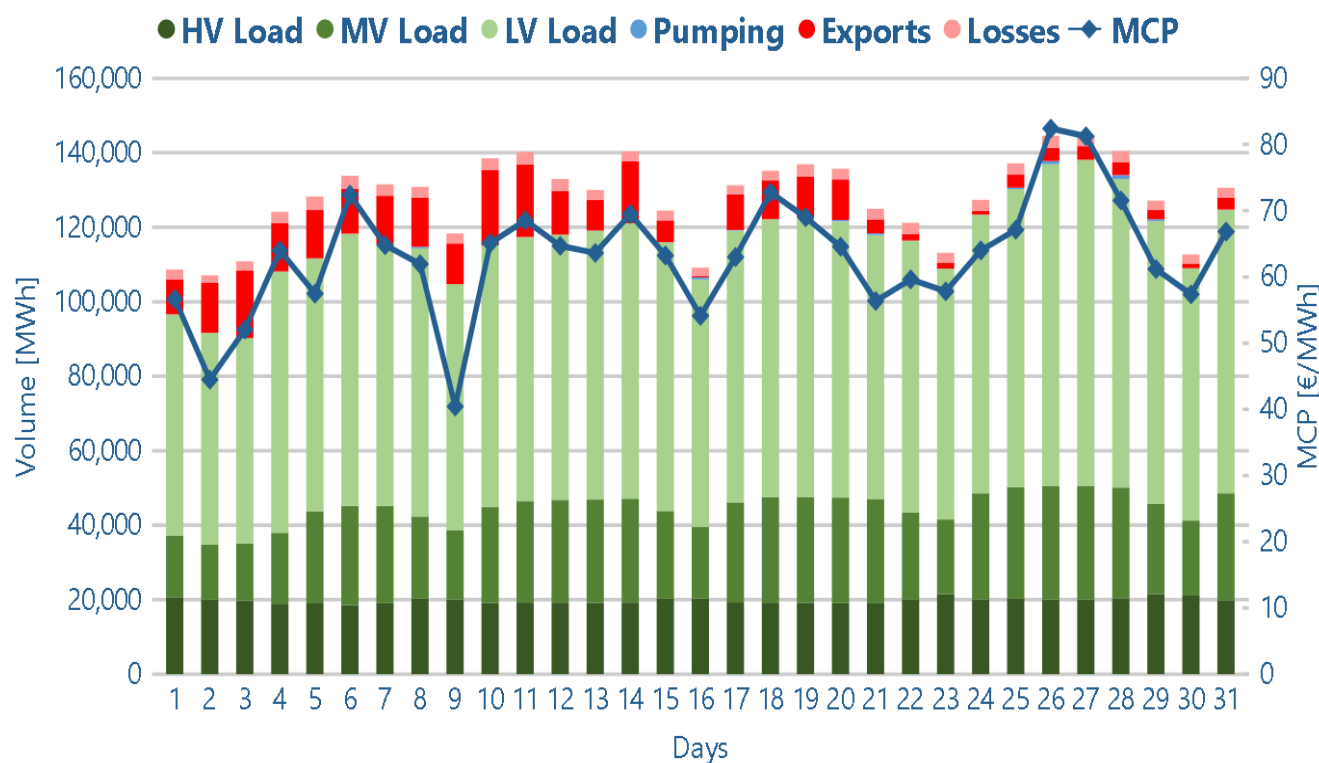
1.7. Volume mix of sell side per day



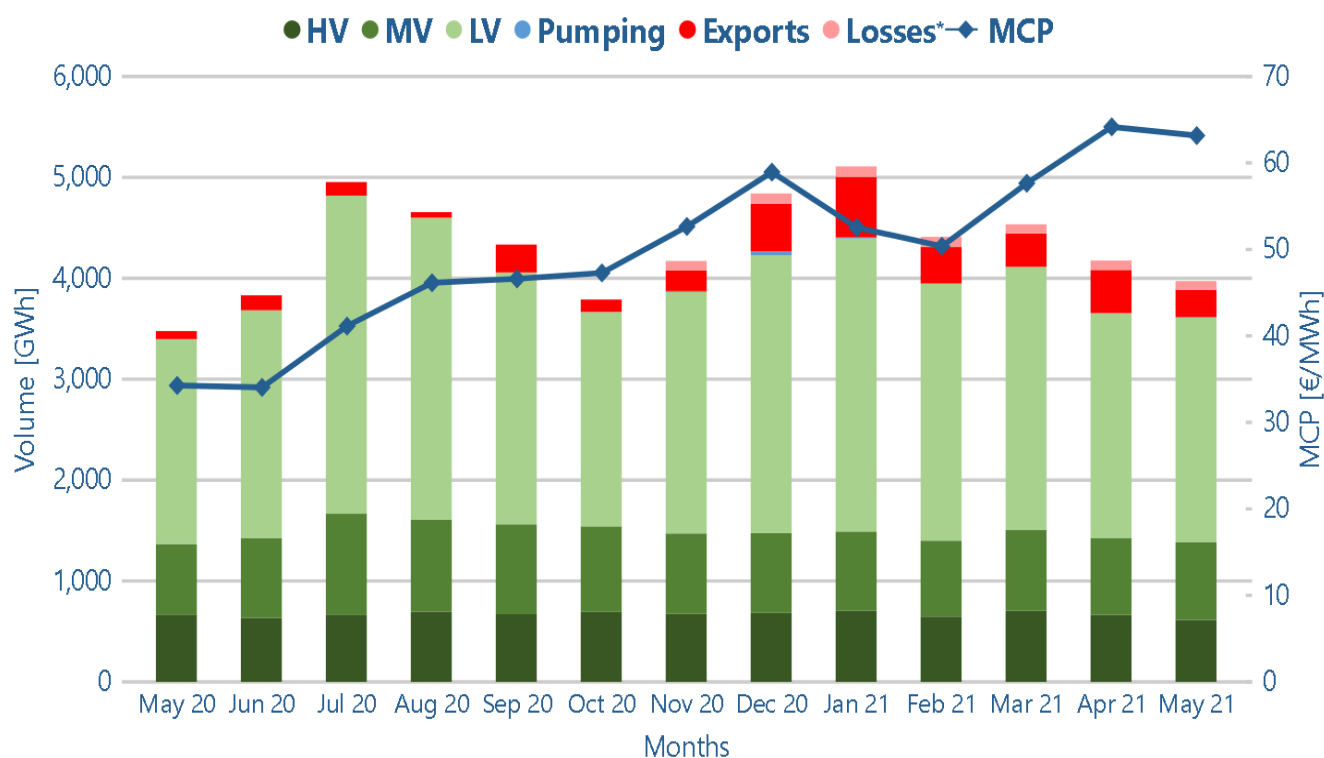
1.8. Volume mix of sell side per month



1.9. Volume mix of buy side per day



1.10. Volume mix of buy side per month



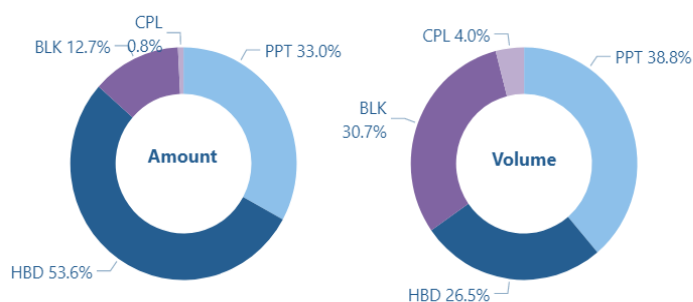
*Data for losses are considered from November 2020

1.11. Table with MCP and volume per month

Year	Month	Minimum MCP [€/MWh]	Average MCP [€/MWh]		Maximum MCP [€/MWh]	Peakload MCP [€/MWh]		Volume [Gwh]
2020	May	0.00	34.27	↑ 20%	79.06	33.14	↑ 13%	3,476
2020	June	1.51	34.05	↓ -1%	70.00	35.33	↓ 7%	3,831
2020	July	20.02	41.14	↑ 21%	150.05	43.64	↑ 24%	4,953
2020	August	0.00	46.14	↑ 12%	112.17	47.83	↓ 10%	4,655
2020	September	21.60	46.60	↓ 1%	104.41	54.62	↑ 14%	4,334
2020	October	0.00	47.22	↓ 1%	110.01	51.38	↓ -6%	3,789
2020	November	17.03	52.66	↑ 12%	110.14	62.37	↑ 21%	4,172
2020	December	-0.01	58.93	↑ 12%	140.01	79.86	↑ 28%	4,840
2021	January	1.50	52.52	↓ -11%	98.02	63.90	↓ -20%	5,109
2021	February	-0.01	50.36	↓ -4%	90.96	59.09	↓ -8%	4,411
2021	March	0.00	57.64	↑ 14%	110.60	60.13	↓ 2%	4,535
2021	April	10.40	64.17	↑ 11%	101.73	66.35	↑ 10%	4,176
2021	May	0.00	63.16	↓ -2%	104.13	66.14	↓ -0%	3,972

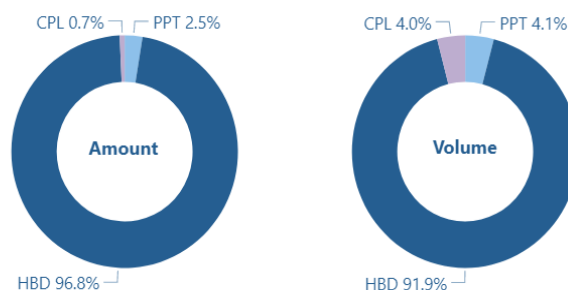
1.12. Trades per Order type

Sell Side



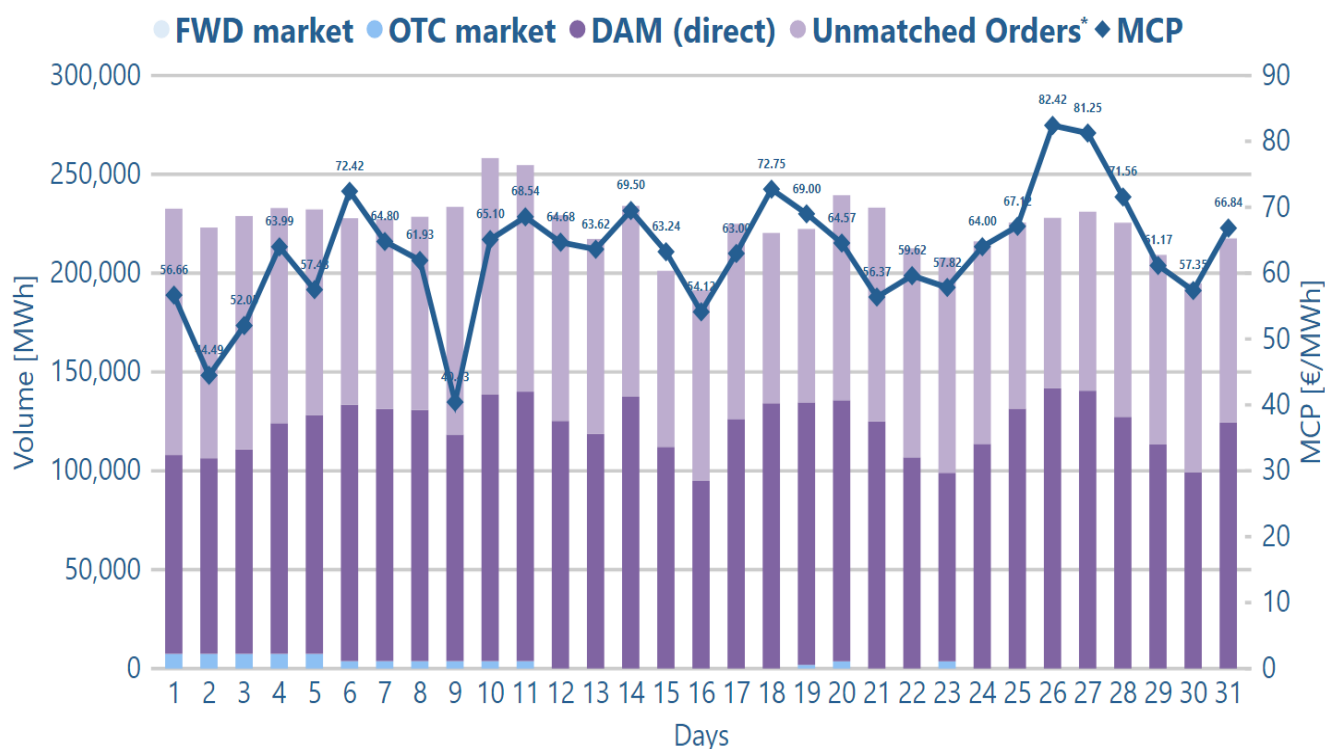
	PPT	HBD	BLK	CPL
Amount	17045	27697	6568	408
Volume [GWh]	1541	1052	1218	161

Buy Side



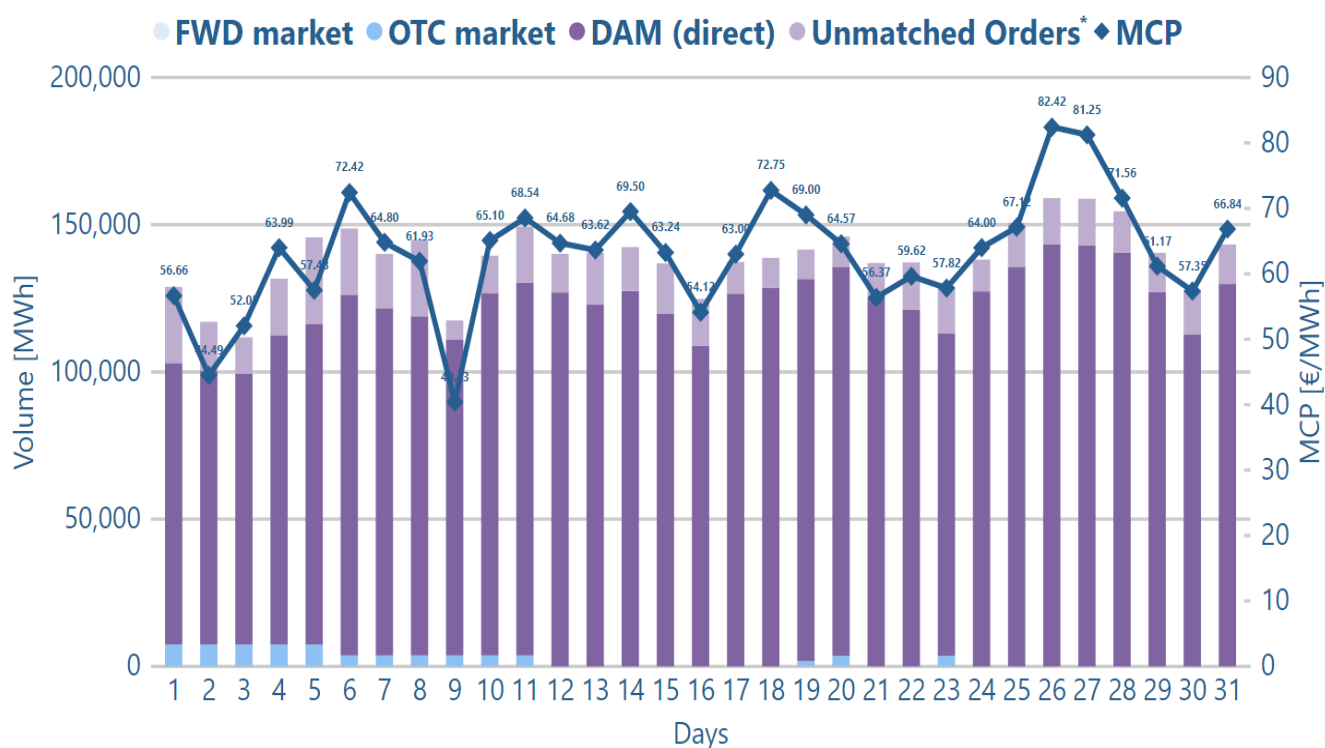
	PPT	HBD	CPL
Amount	1433	54684	399
Volume [GWh]	162	3652	159

1.13. Total volume and traded volume per Market Source of sell orders



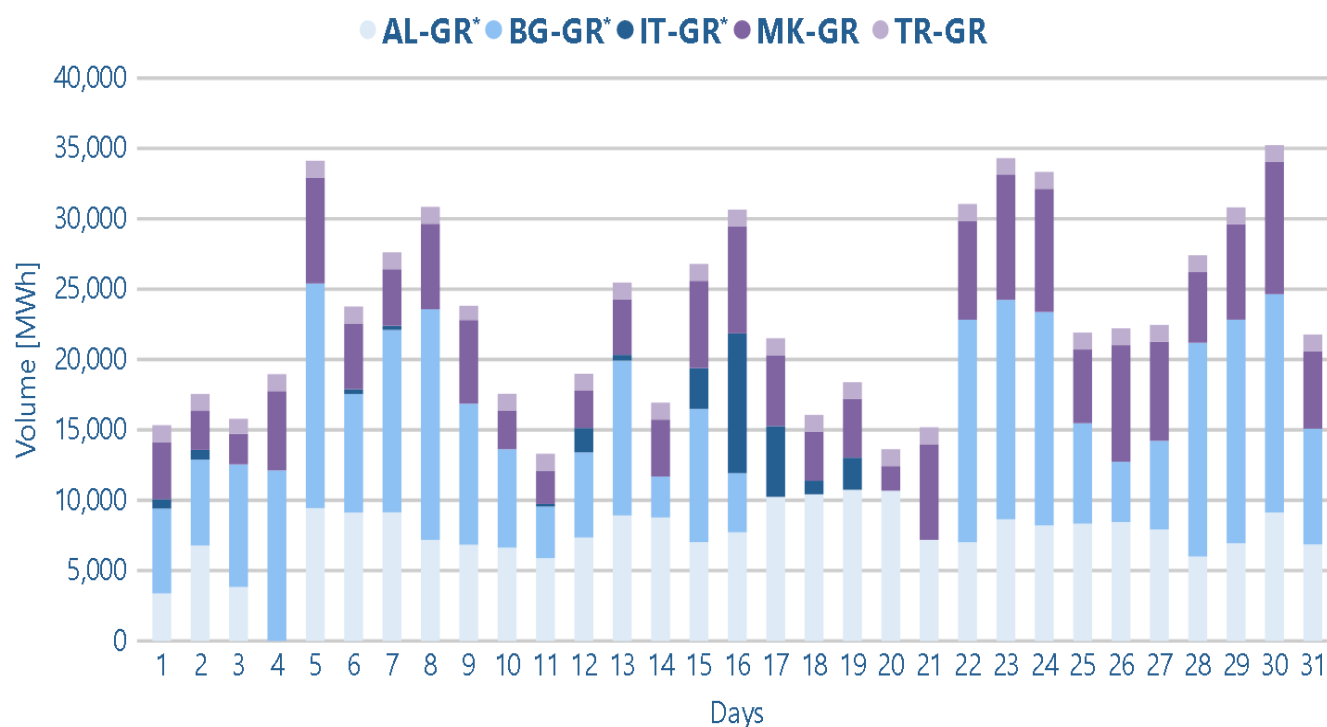
*The Unmatched Orders include all sell orders that have not been included in the algorithm (excluding block orders).

1.14. Total volume and traded volume per Market Source of buy orders



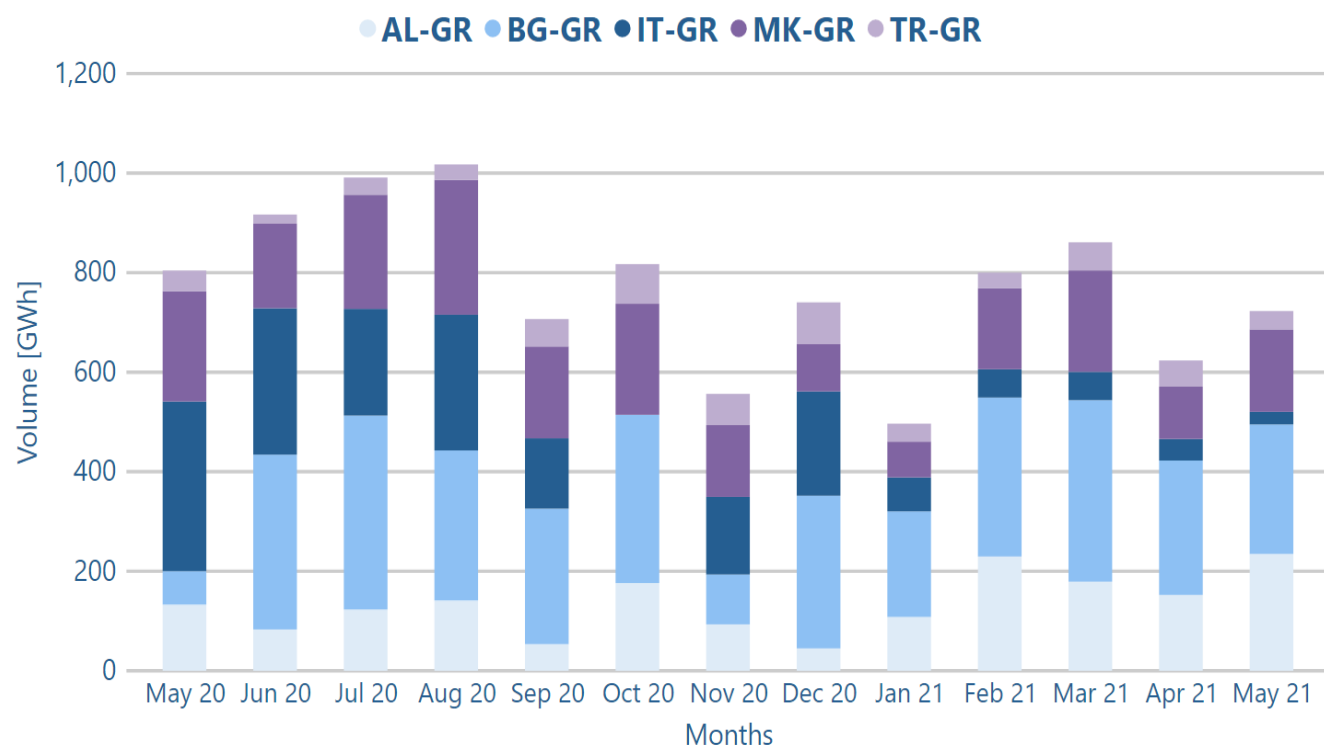
*The Unmatched Orders include all buy orders that have not been included in algorithm

1.15. Cross Border volume · Imports per day

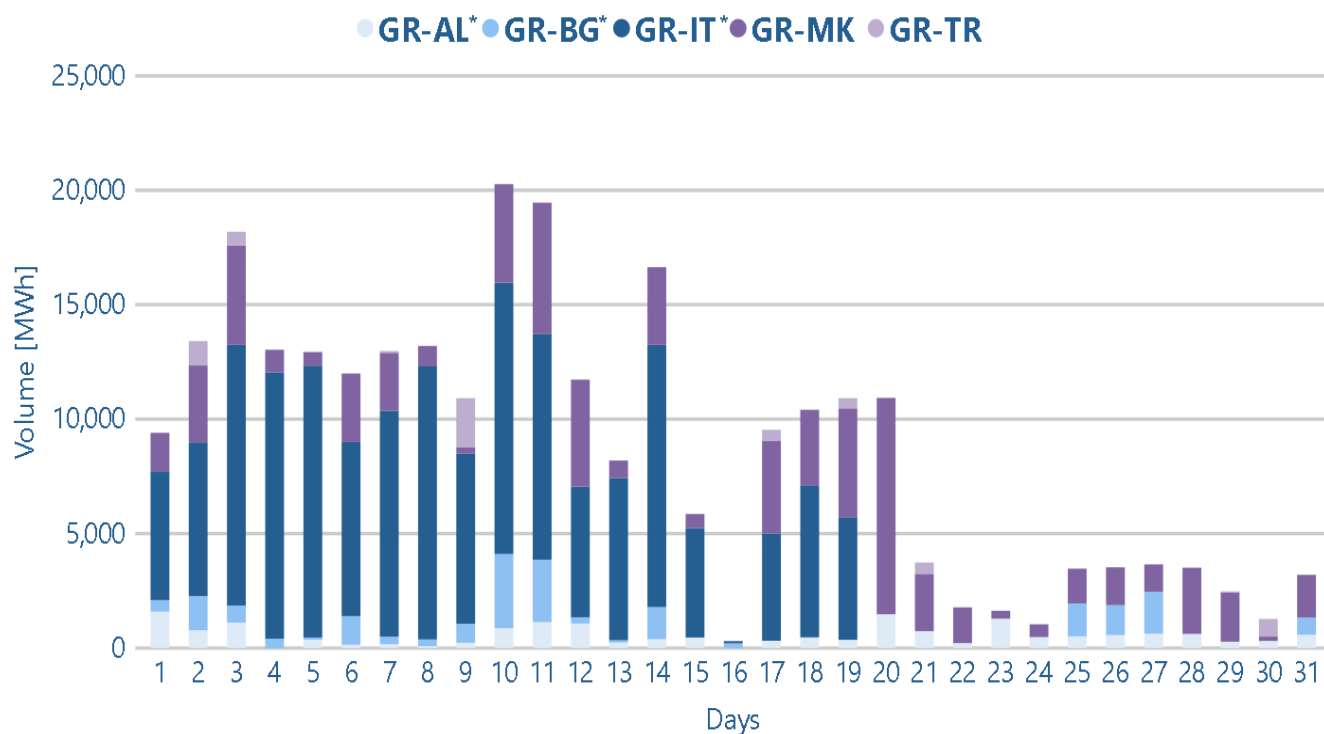


*Interconnection with Albania had zero NTC for 04/05. Interconnection with Bulgaria had zero NTC from 17/05-21/05. Interconnection with Italy had zero NTC from 20/05-31/05.

1.16. Cross Border Volume · Imports per month

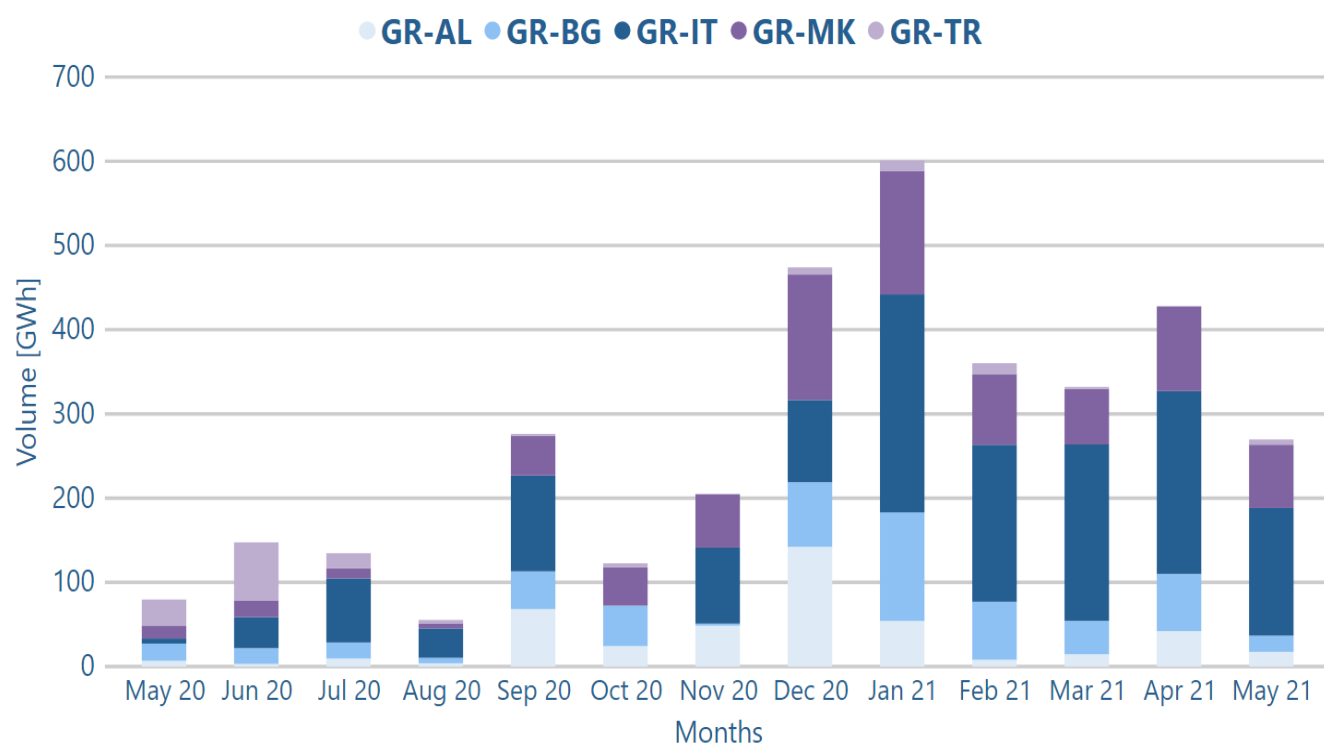


1.17. Cross Border volume · Exports per day

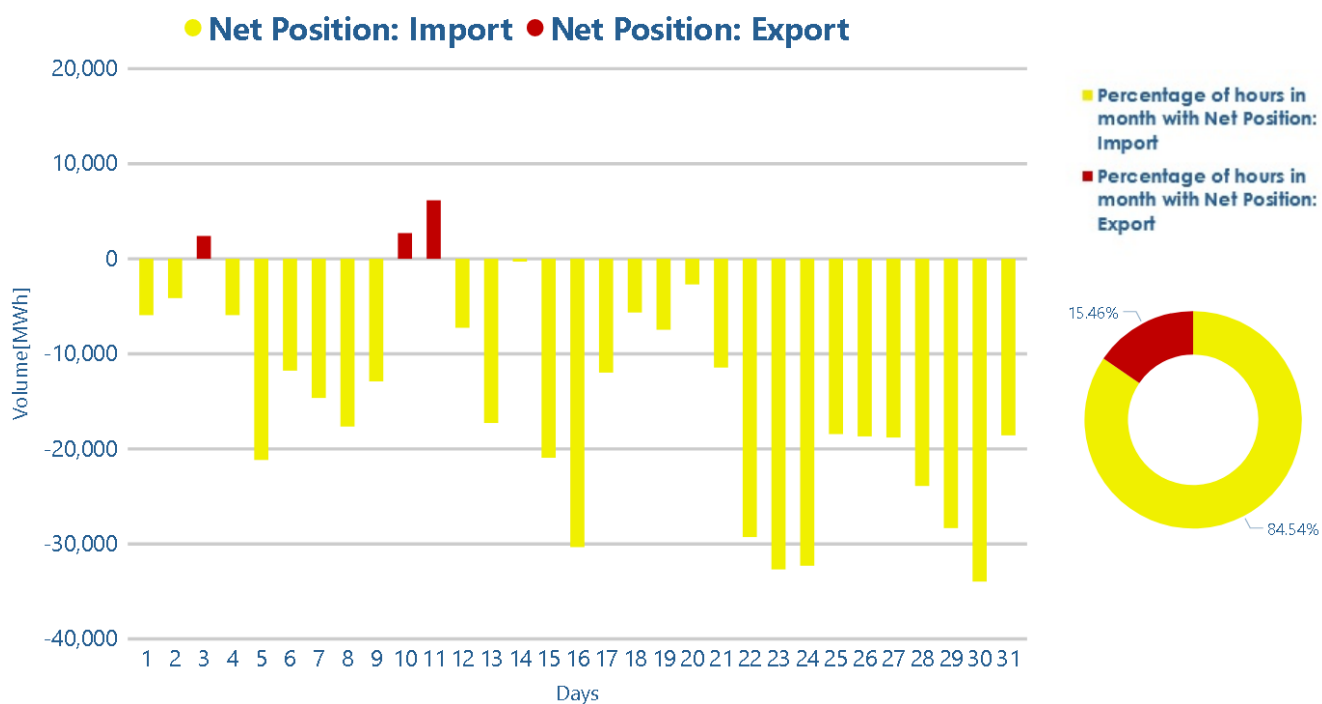


*Interconnection with Albania had zero NTC for 04/05. Interconnection with Bulgaria had zero NTC from 17/05-21/05. Interconnection with Italy had zero NTC from 20/05-31/05.

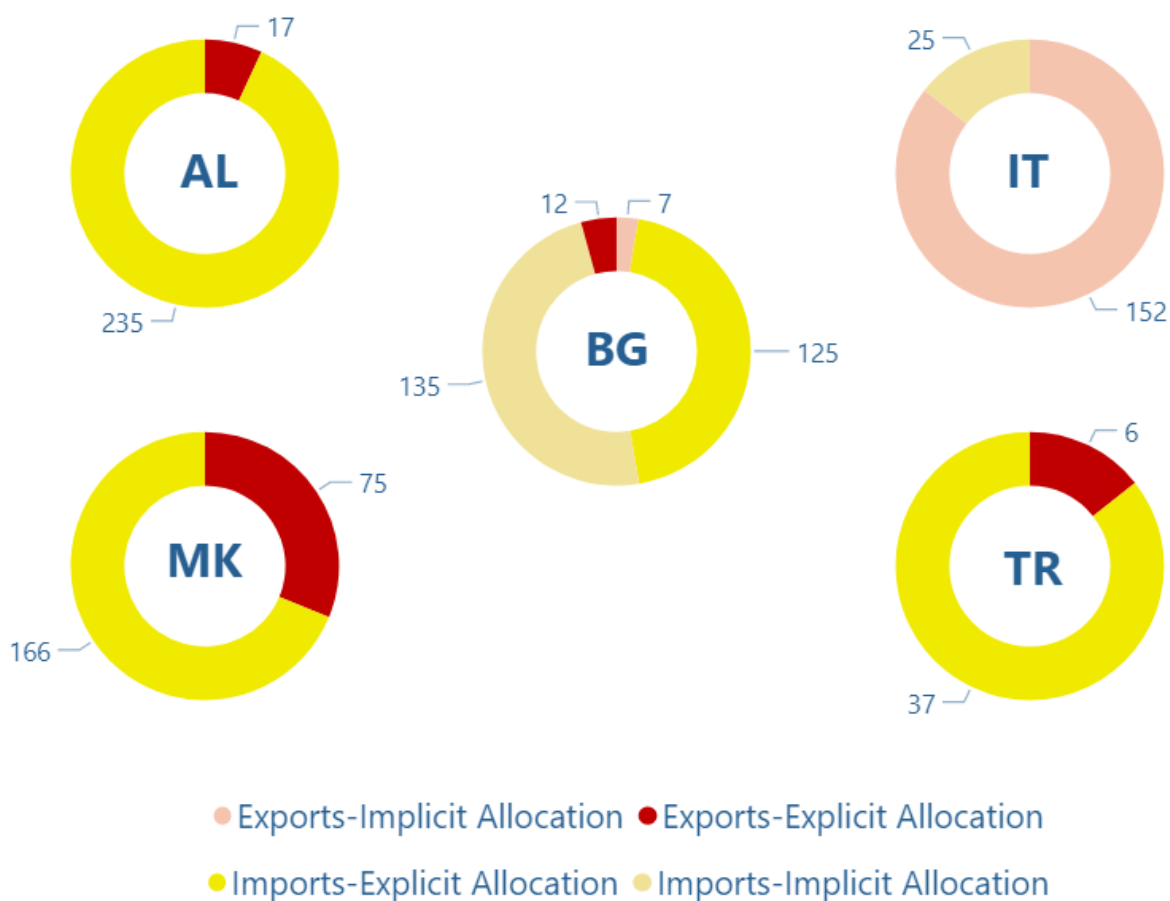
1.18. Cross Border Volume · Exports per month



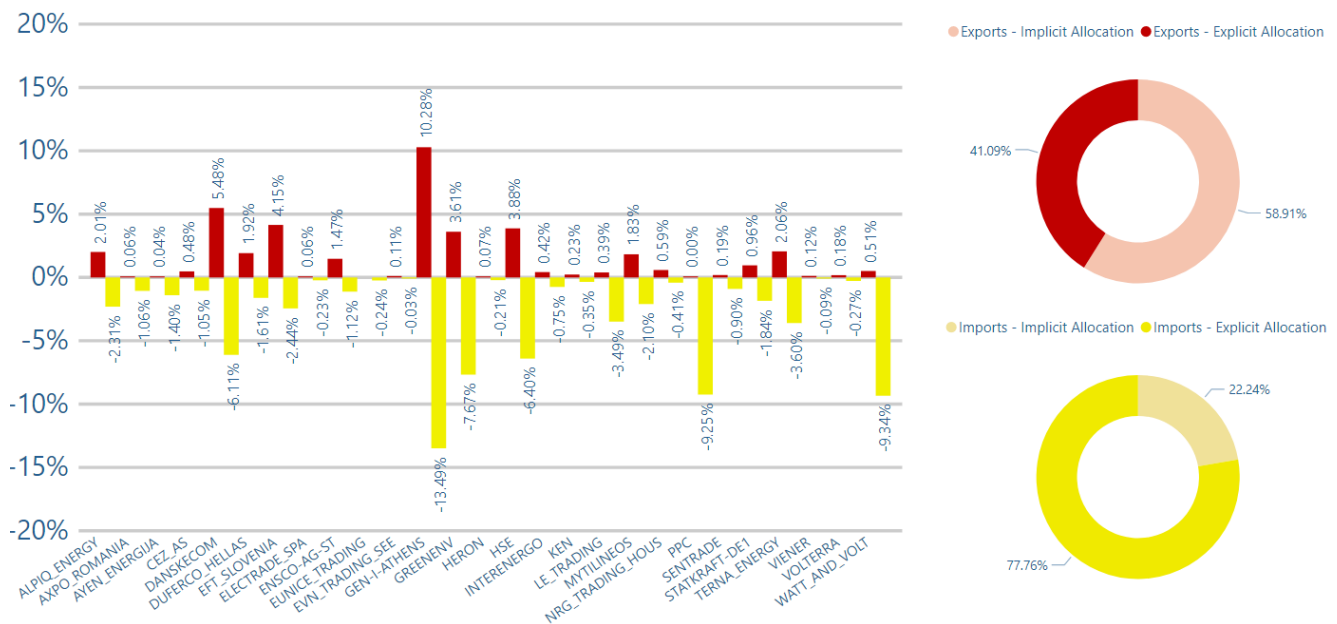
1.19. Net position of all cross border flows



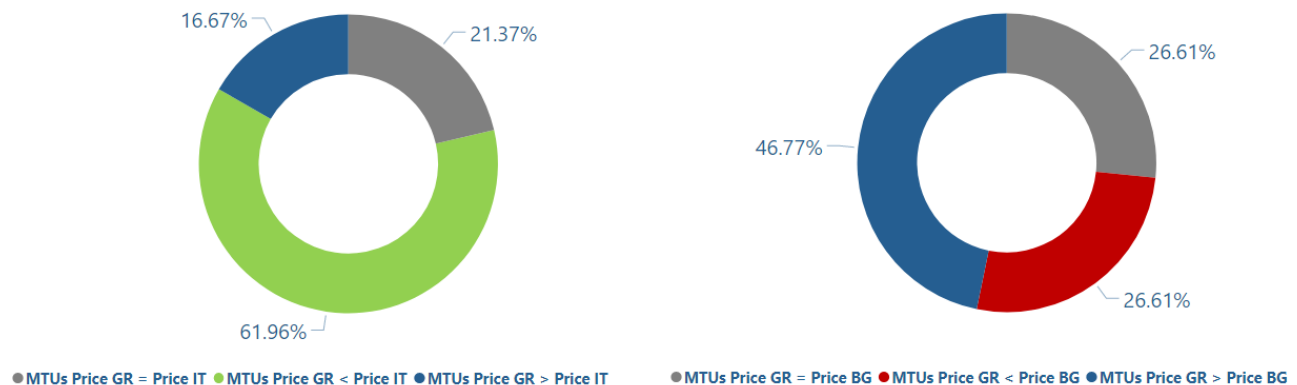
1.20. Cross Border Volumes per Border



1.21. Market Shares of Imports and Exports per Market Participant



1.22. Price Coupling Data

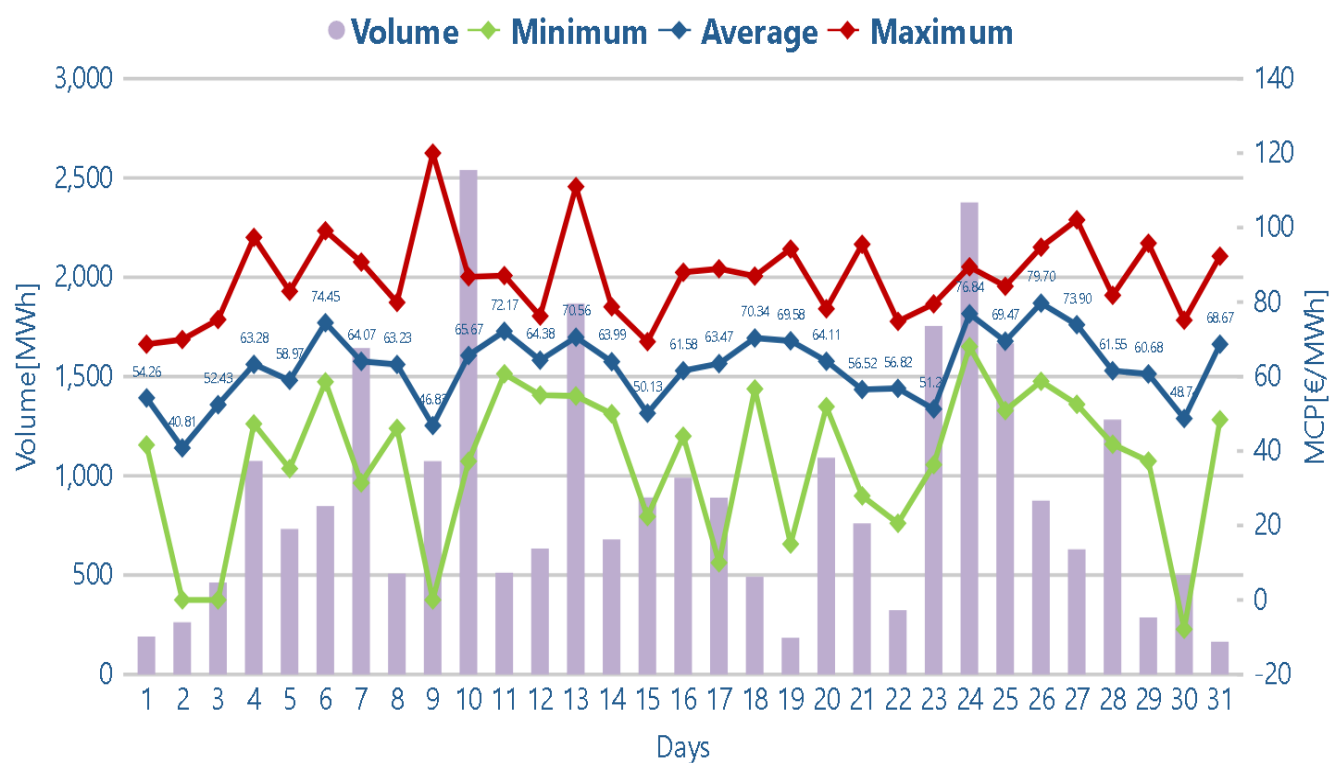


2. IDM

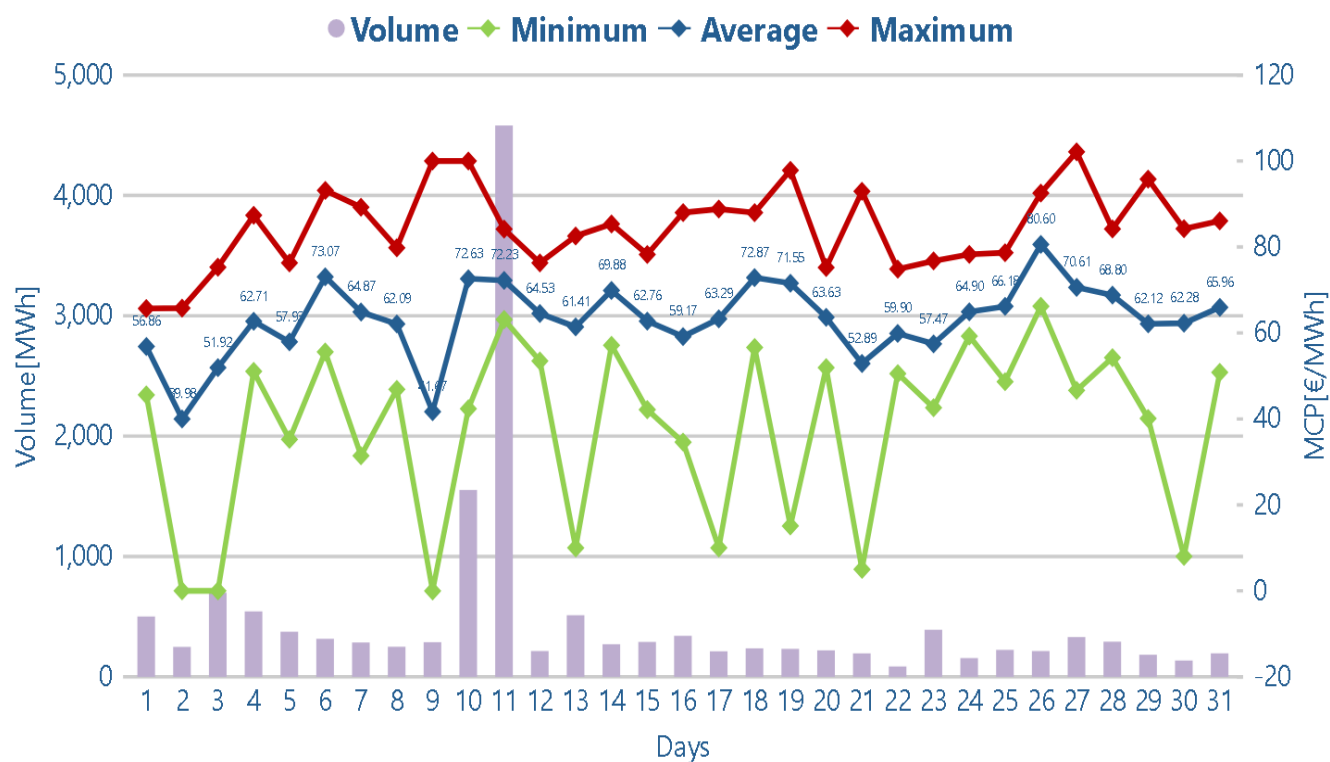
Market Clearing Prices (MCP)

Volumes, technologies and order types

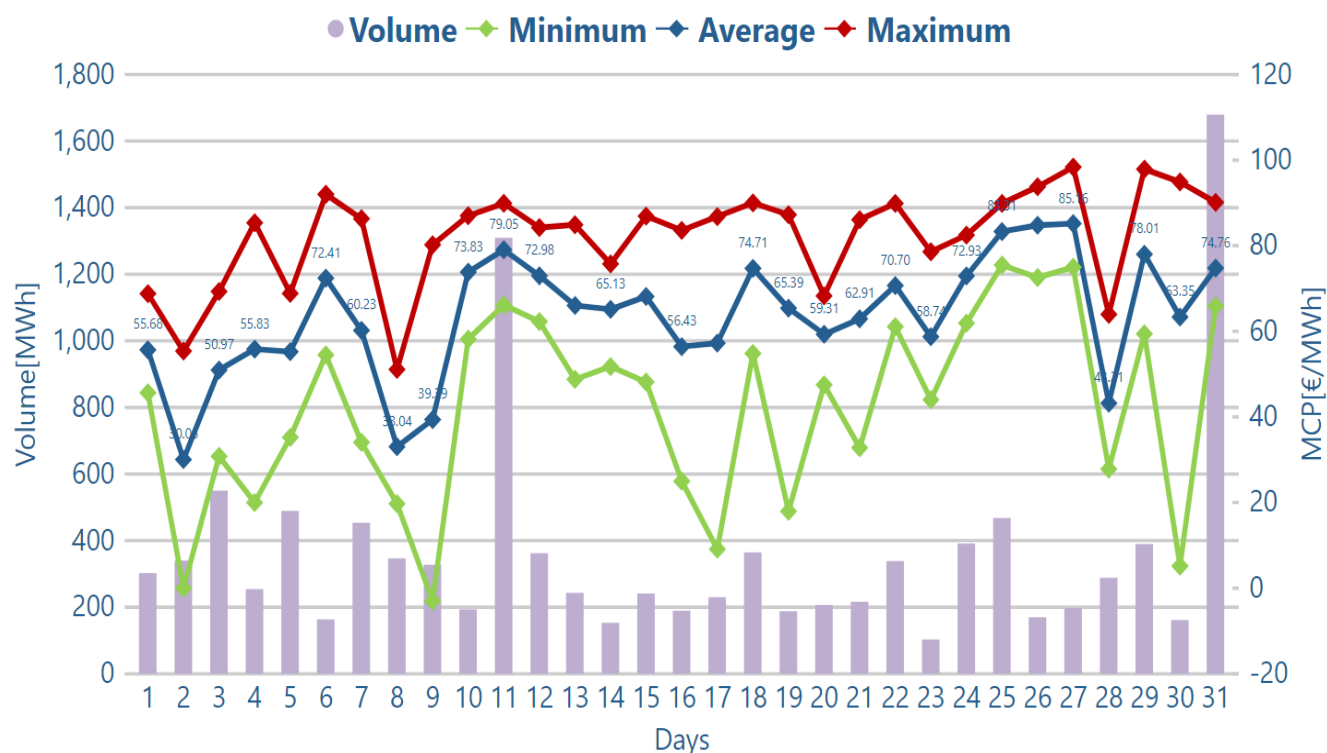
2.1. Daily MCP and volume · LIDA1



2.2. Daily MCP and volume · LIDA2



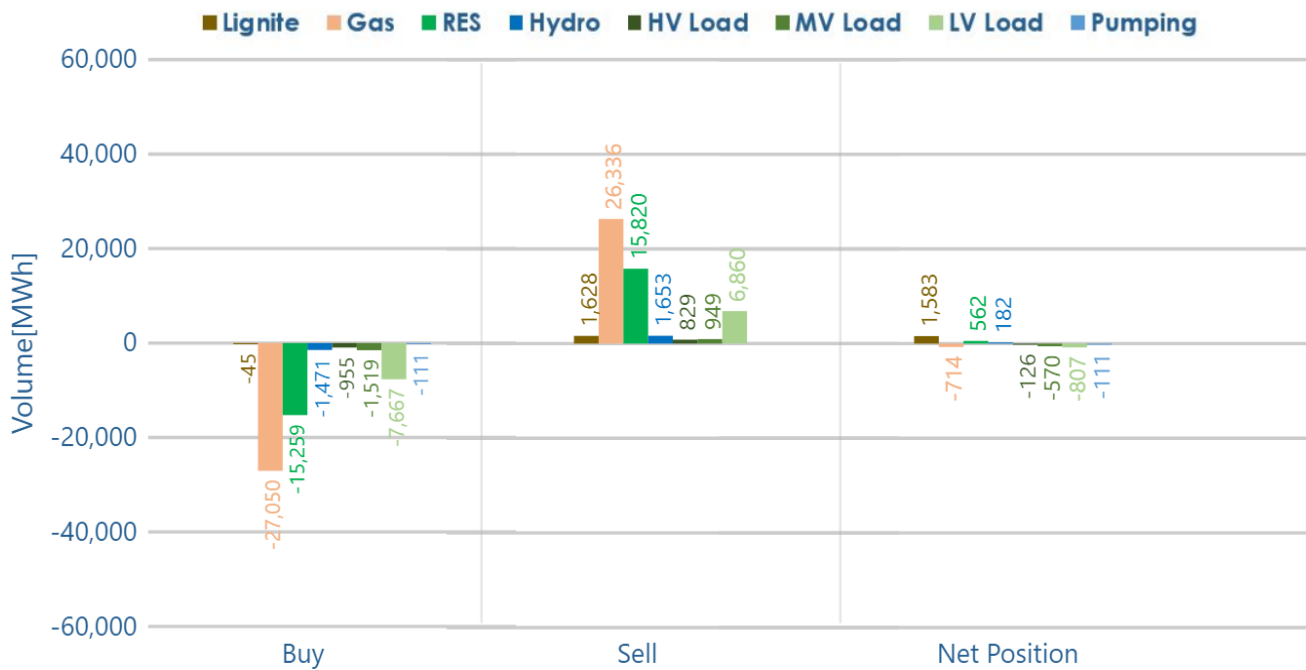
2.3. Daily MCP and volume · LIDA3



2.4. Table with MCP and volume

			Year						
			Month						
LIDA1	Price [€/MWh]	min	2020	2020	2021	2021	2021	2021	2021
		avg	Nov	Dec	Jan	Feb	Mar	Apr	May
		max	5.1	-1.2	0	-1.01	3.01	5	-7.90
	Volume [MWh]		53.21	60.26	53.57	50.67	55.64	63.17	62.53
LIDA2	Price [€/MWh]	min	160	180	150	250	107.21	111.73	120
		avg	49,949	50,768	57,322	52,271	43,218	37,803	28,192
		max							
	Volume [MWh]		20,325	22,673	23,941	14,069	25,279	16,966	14,572
LIDA3	Price [€/MWh]	min	16.34	-10	-19.92	-8	1	5	-0.01
		avg	51.84	59.09	49.90	54.32	56.82	64.88	63.12
		max	143.45	238.33	137.16	150	120	120	102.13
	Volume [MWh]		0	-16.09	0.01	-5	3	10.50	-3
LIDA3	Price [€/MWh]	min	56.03	54.98	48.07	54.52	59.11	66.80	63.52
		avg	350	250	115	150	110.22	109.99	98.35
		max							
	Volume [MWh]		12,151	10,043	19,794	13,544	13,979	9,712	11,312

2.5. Volume mix per side and net position for IDM



3. DAM & IDM · Aggregated Overview

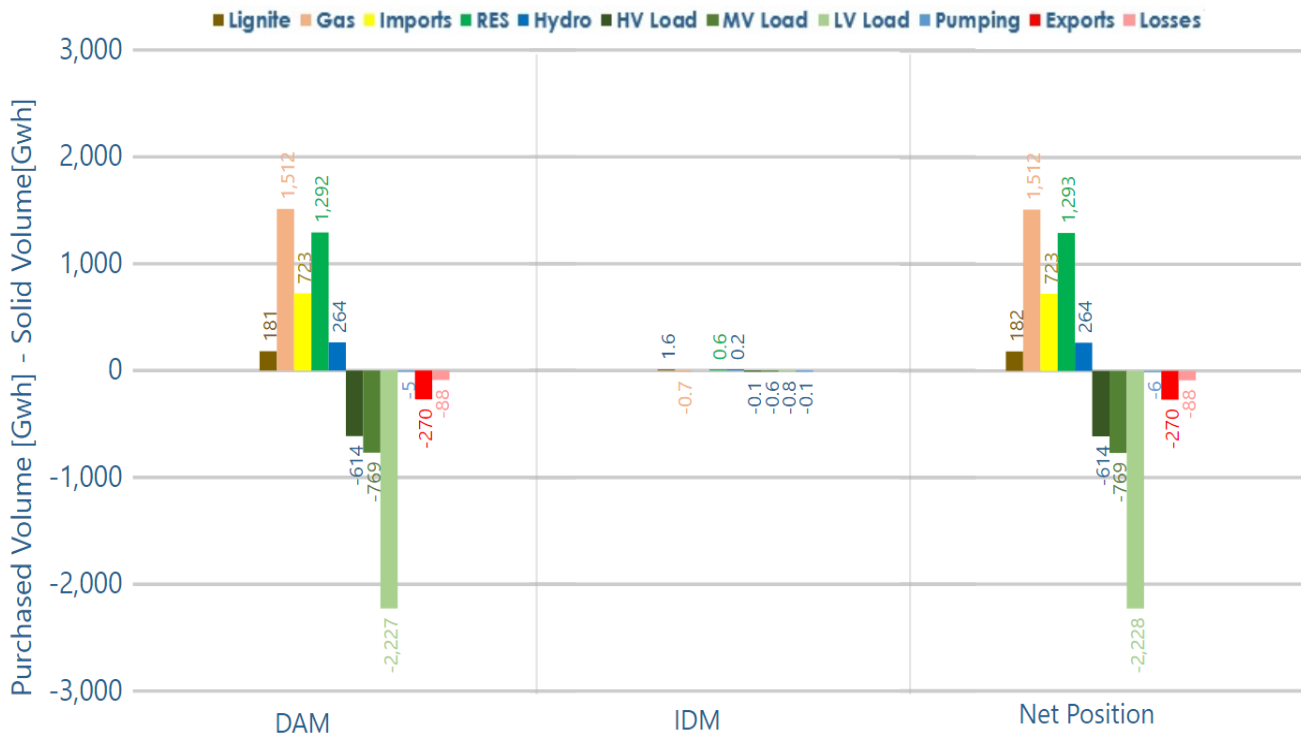
Final Market Schedules

Domestic Production

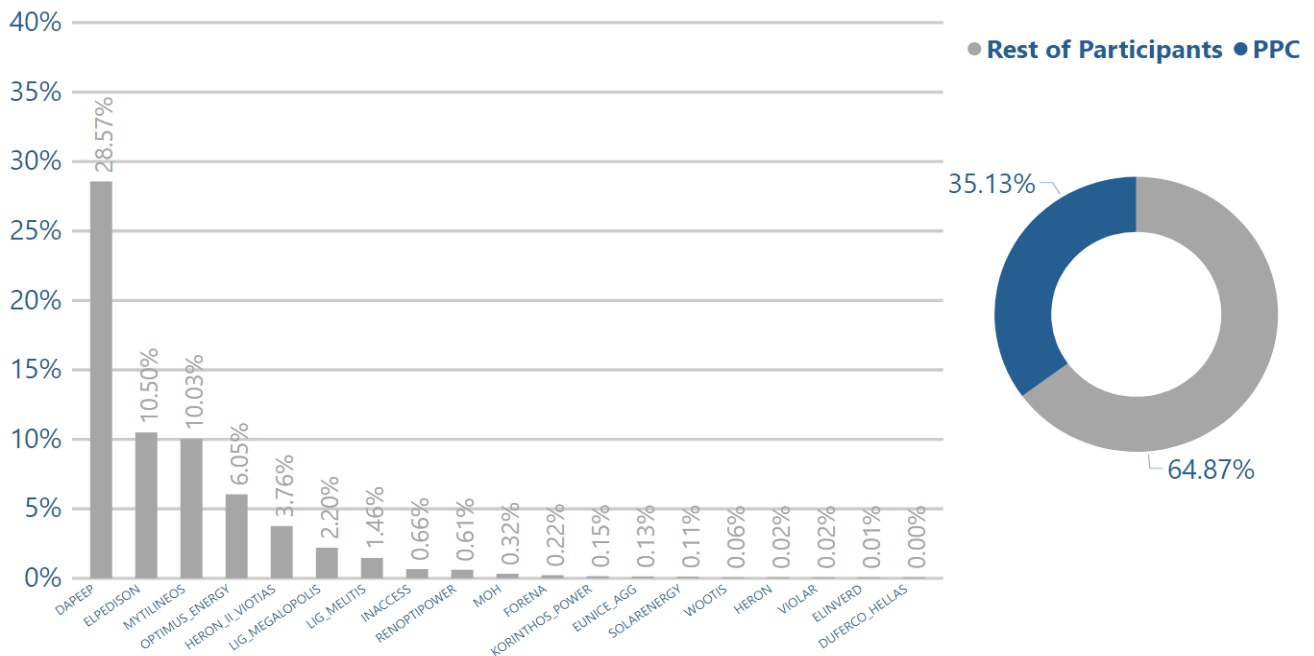
Domestic Consumption

Domestic Consumption per Voltage level

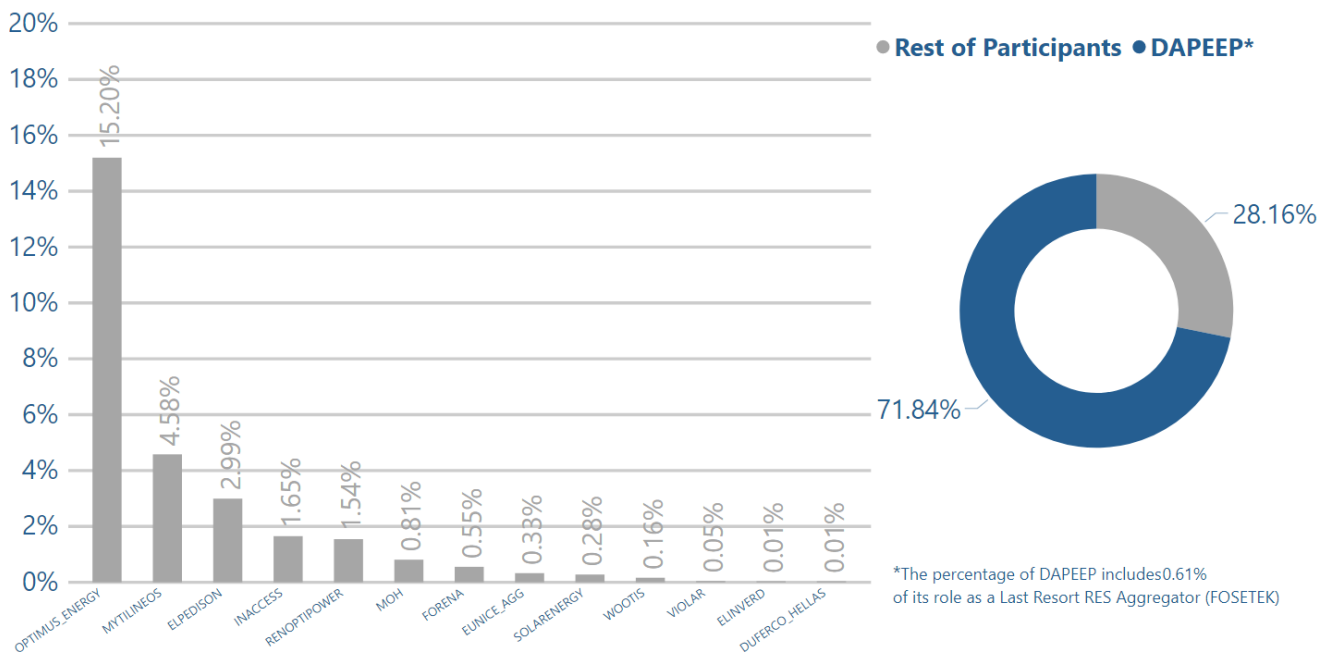
3.1. Market Schedules



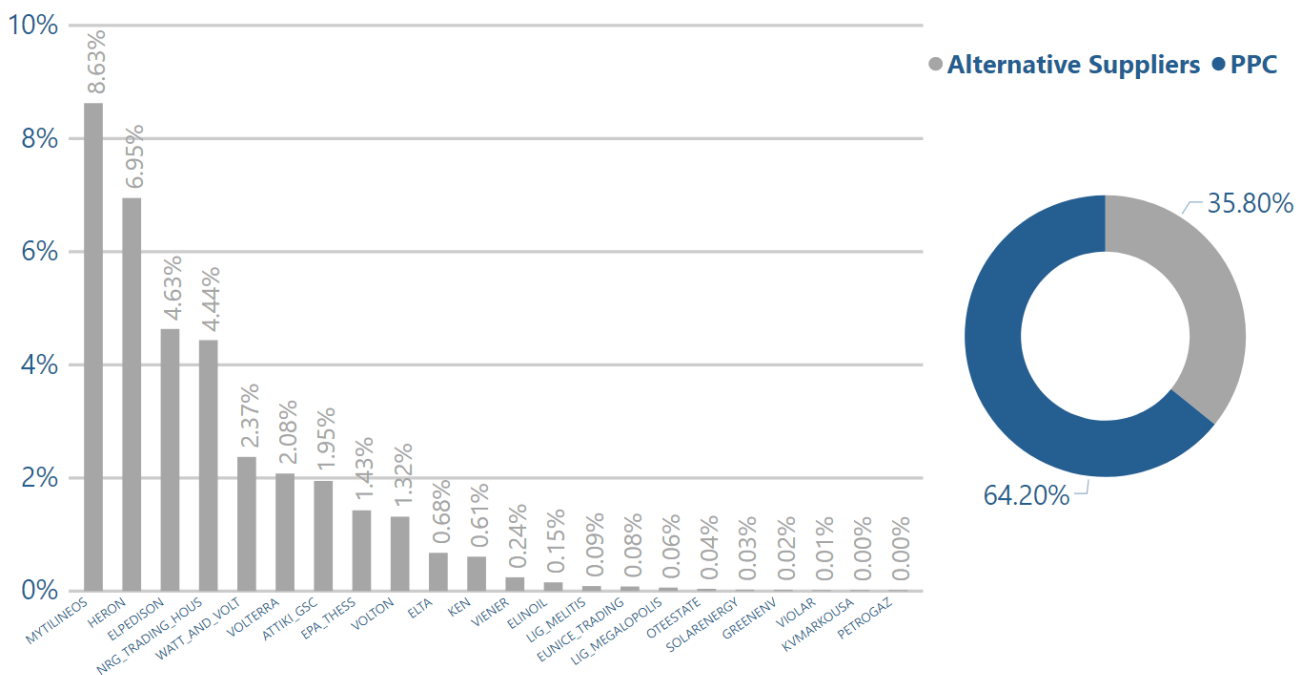
3.2. Final Market Schedule shares for all production units per Market Participant



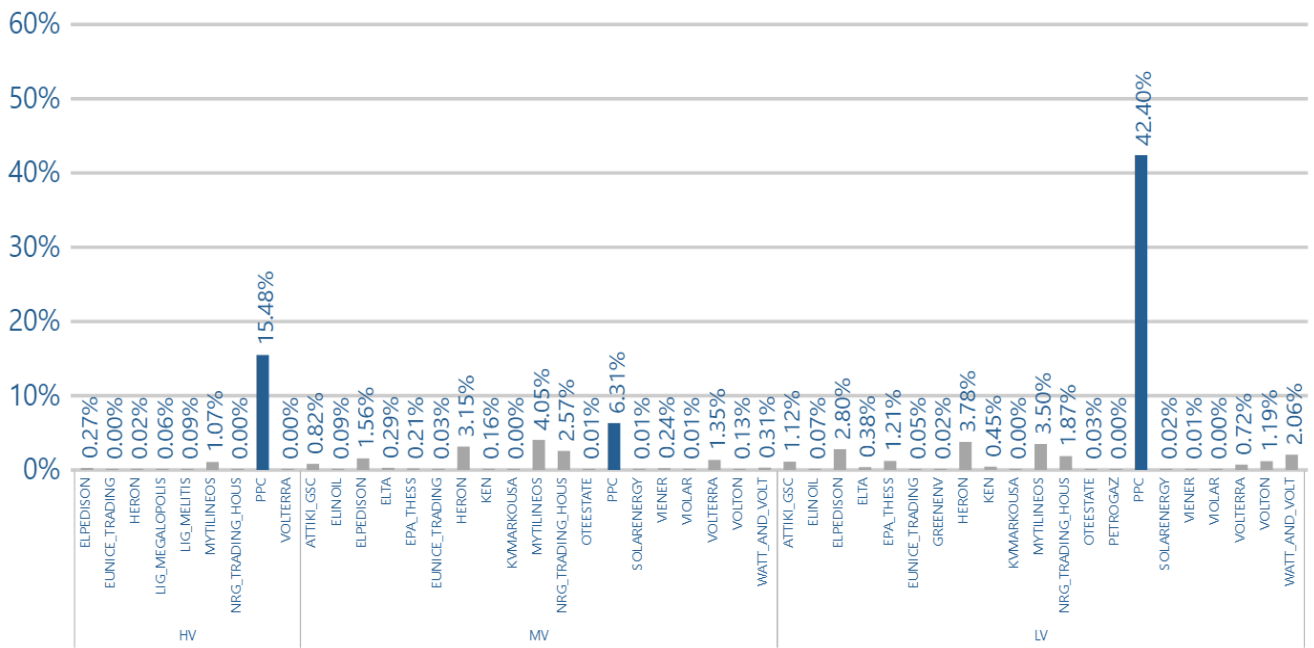
3.3. Final Market Schedule shares for RES production units per Market Participant



3.4. Final Market Schedules shares for domestic load per Market Participant



3.5. Final Market Schedule shares for domestic load per Voltage Level and Market Participant



4. Annex

Definitions

ACRONYM	Definition
GR BZ	Greek Bidding Zone
MCP	Market Clearing Price
NTC	Net Transfer Capacity

Data Sources

Figure 1.5

- Data source for MCP of Italy: <http://www.mercatoelettrico.org/En/Download/DatiStorici.aspx>
- Data source for MCP of Bulgaria: <http://www.ibex.bg/en/market-data/dam/prices-and-volumes/#data-table>

Market Details

- The new Greek electricity market model, using the Pan-European Hybrid Electricity Market Integration Algorithm (EUPHEMIA), was launched from Delivery Day 01/11/2020
- Market Time Units of GR BZ are in CET-hr
- Intraday Market of GR BZ consists of three Local IntraDay Auctions (LIDA)

*In this second version, figures for chart 1.22 have been updated to account for rounding differences