



Monthly Report · March 2021




Day Ahead & Intraday Electricity Markets – Greek Bidding Zone

GENERAL TERMS AND CONDITIONS OF DATA USE

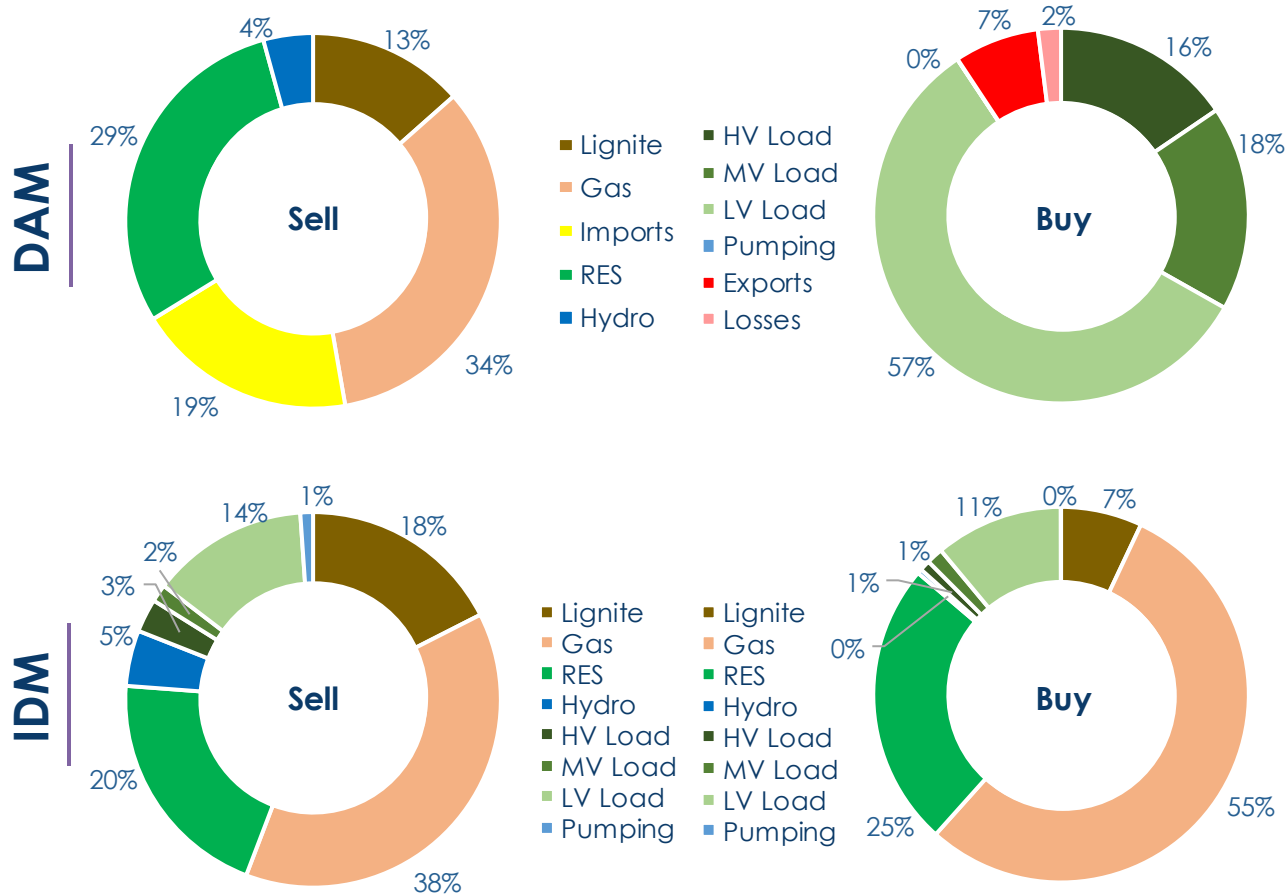
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Summary

	Mar21 Feb21 Mar20		DAM	LIDA1	LIDA2	LIDA3
	Price	€/MWh	57.64 50.36 43.62	55.64 50.67	56.82 54.32	59.11 54.52
	Volume	GWh	4,535 4,111 3,916	43.2 52.3	25.3 14.1	14.0 13.5
	Value	M €	265.3 229.4 171.8	2.54 3.11	1.43 0.75	0.86 0.78

Volume Mix



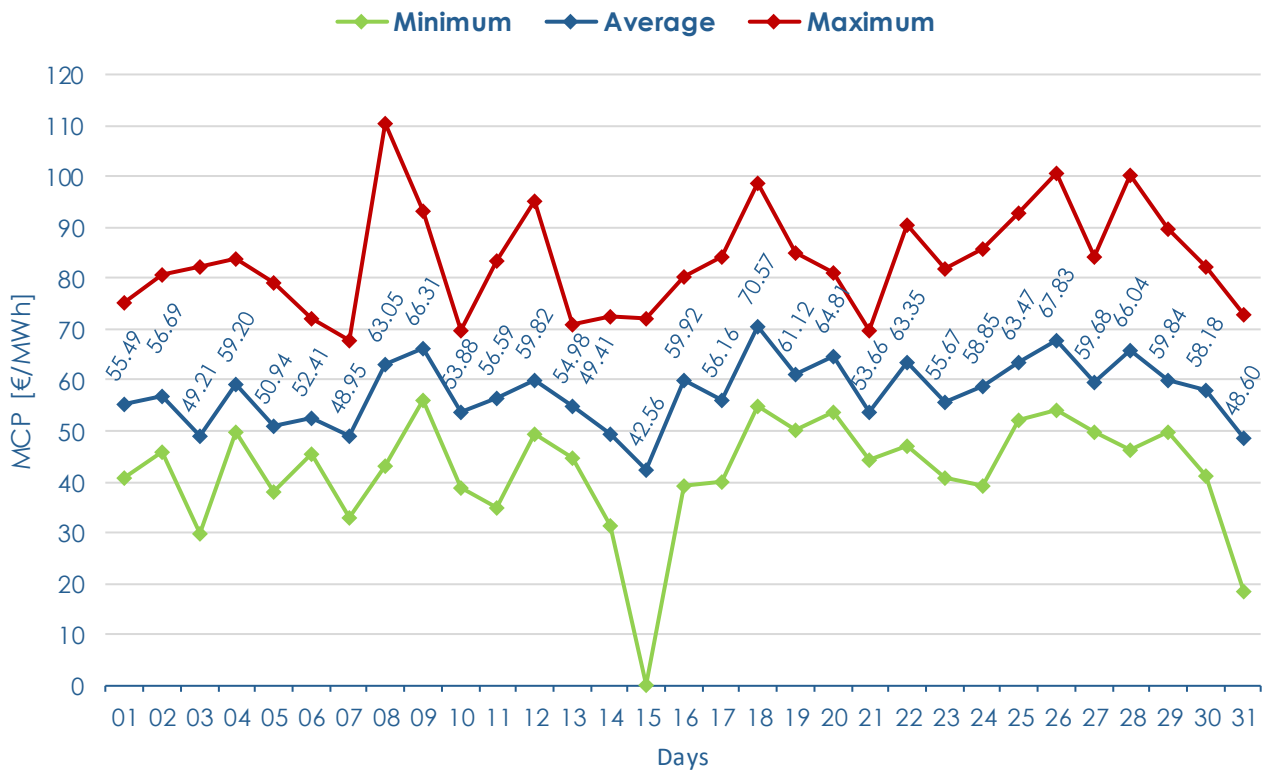
1. DAM

Market Clearing Price (MCP)

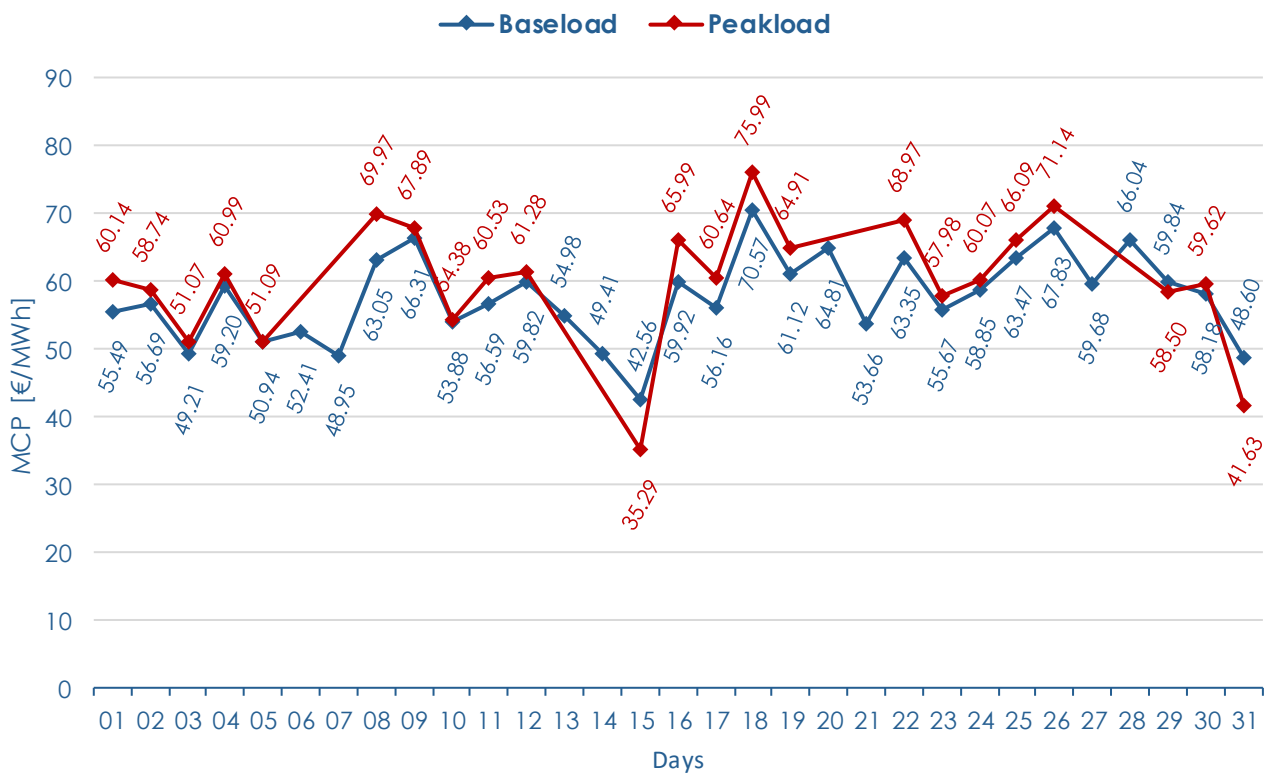
Volumes, technologies and order types

Interconnections

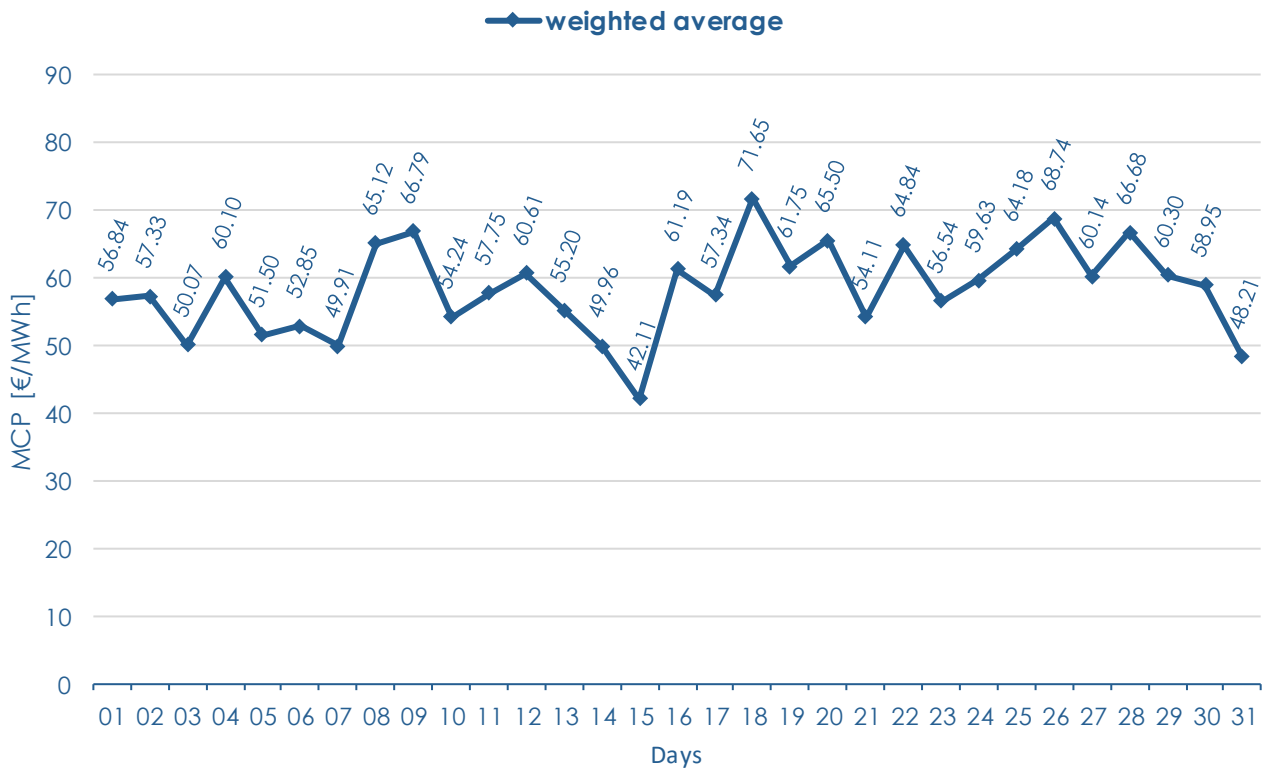
1.1. Daily MCP data of GR BZ



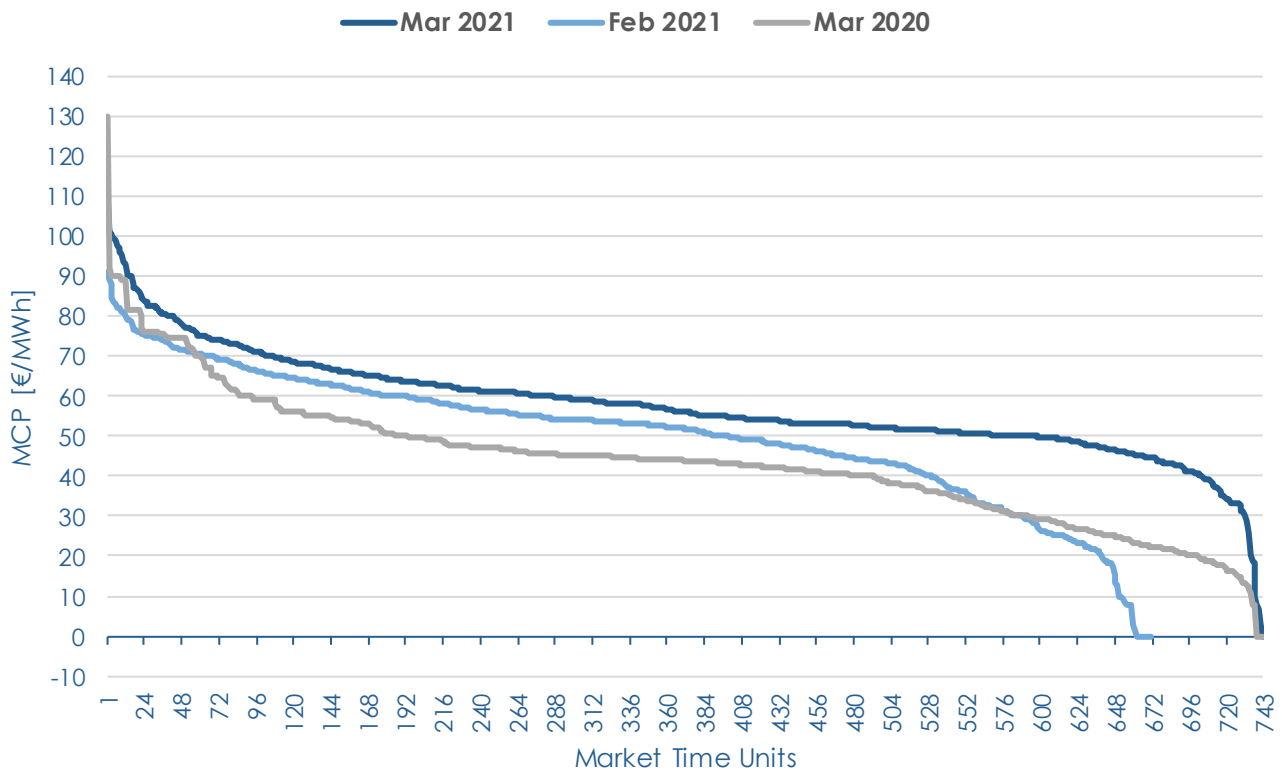
1.2. Daily average prices



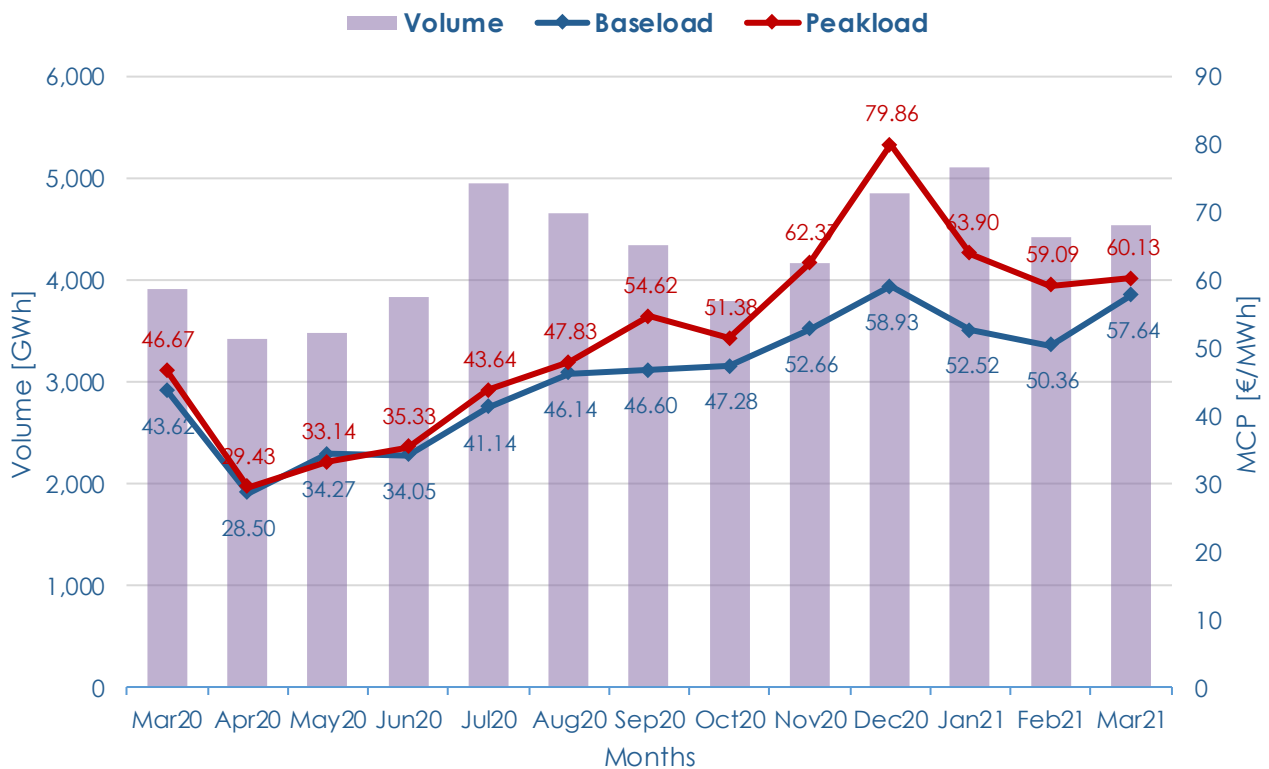
1.3. Daily weighted average baseload price



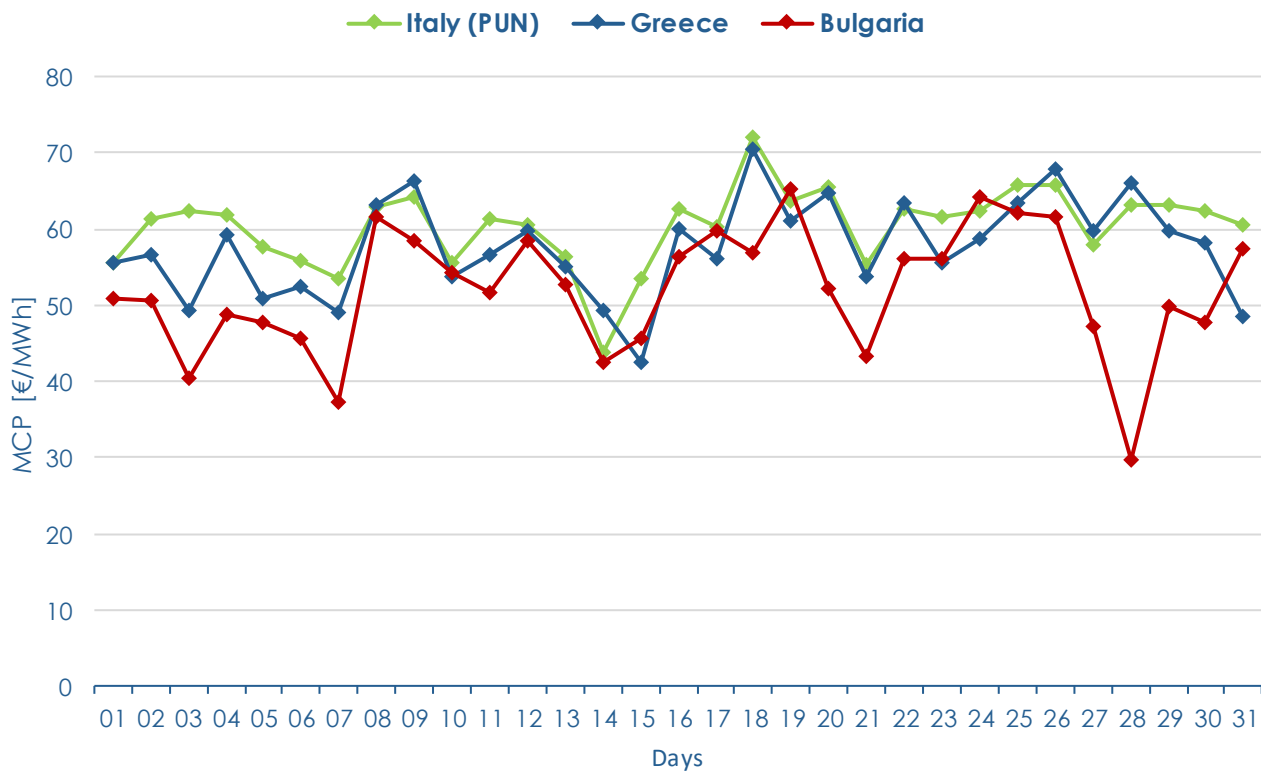
1.4. MCP duration curve



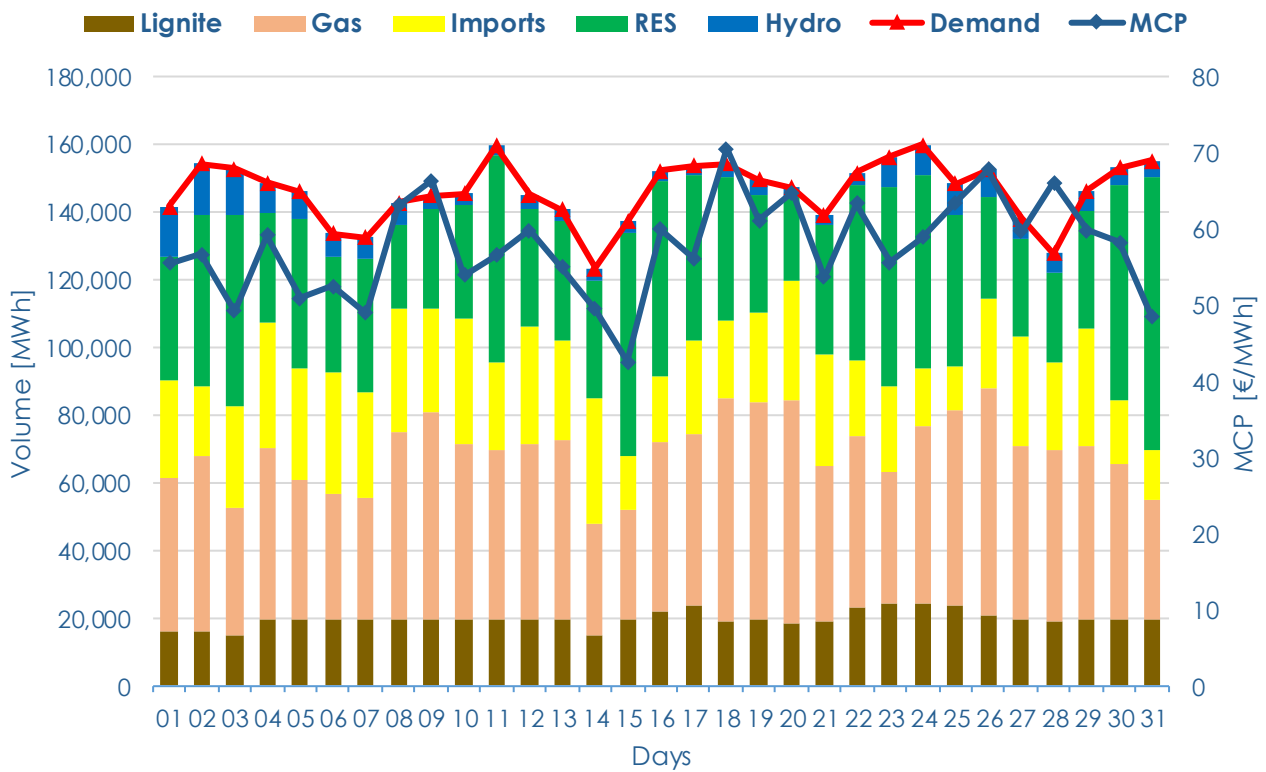
1.5. Monthly volume and average prices



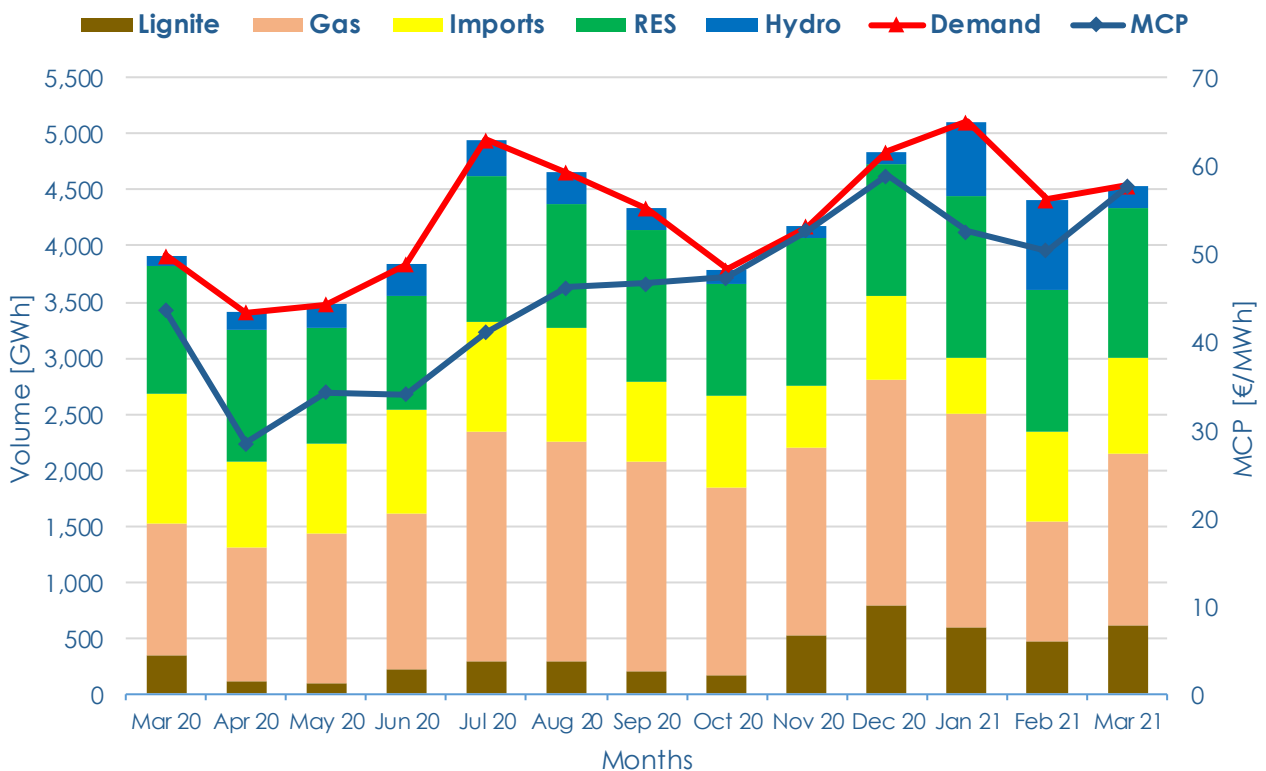
1.6. Daily average MCP of GR, IT, BG



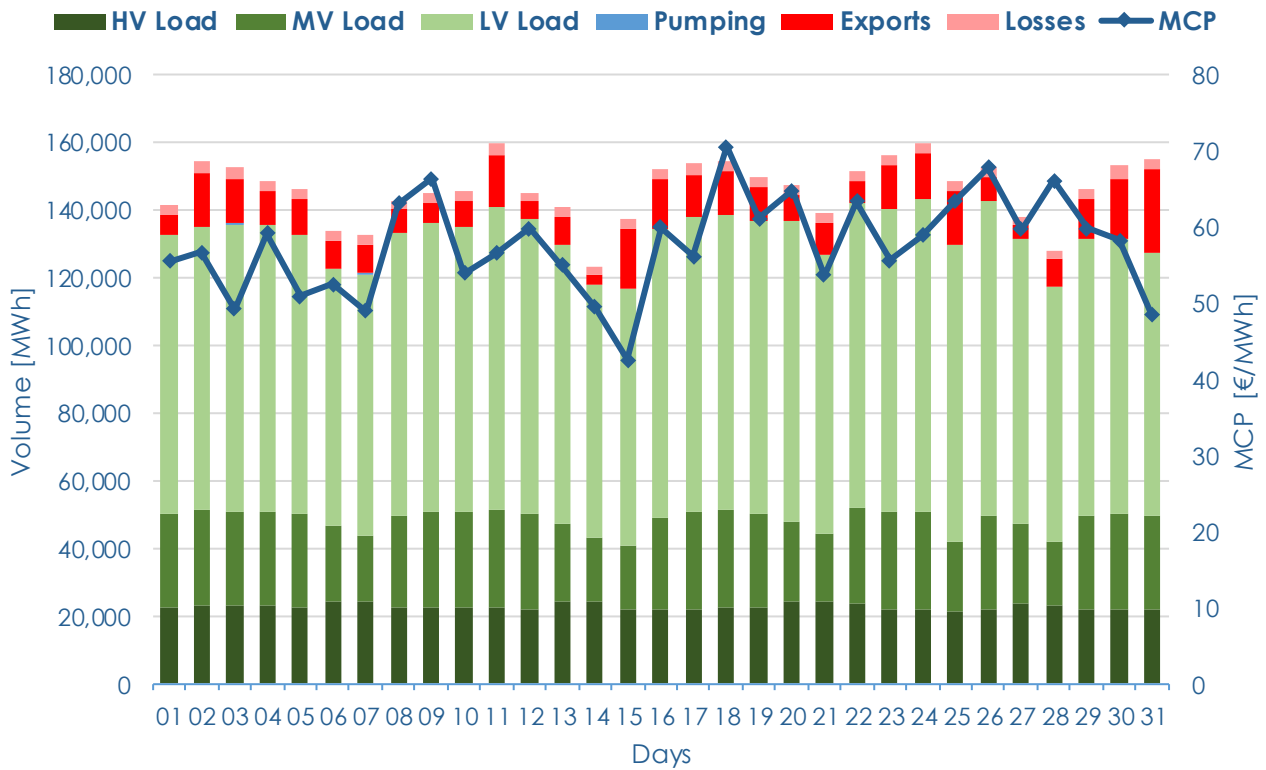
1.7. Volume mix of sell side per day



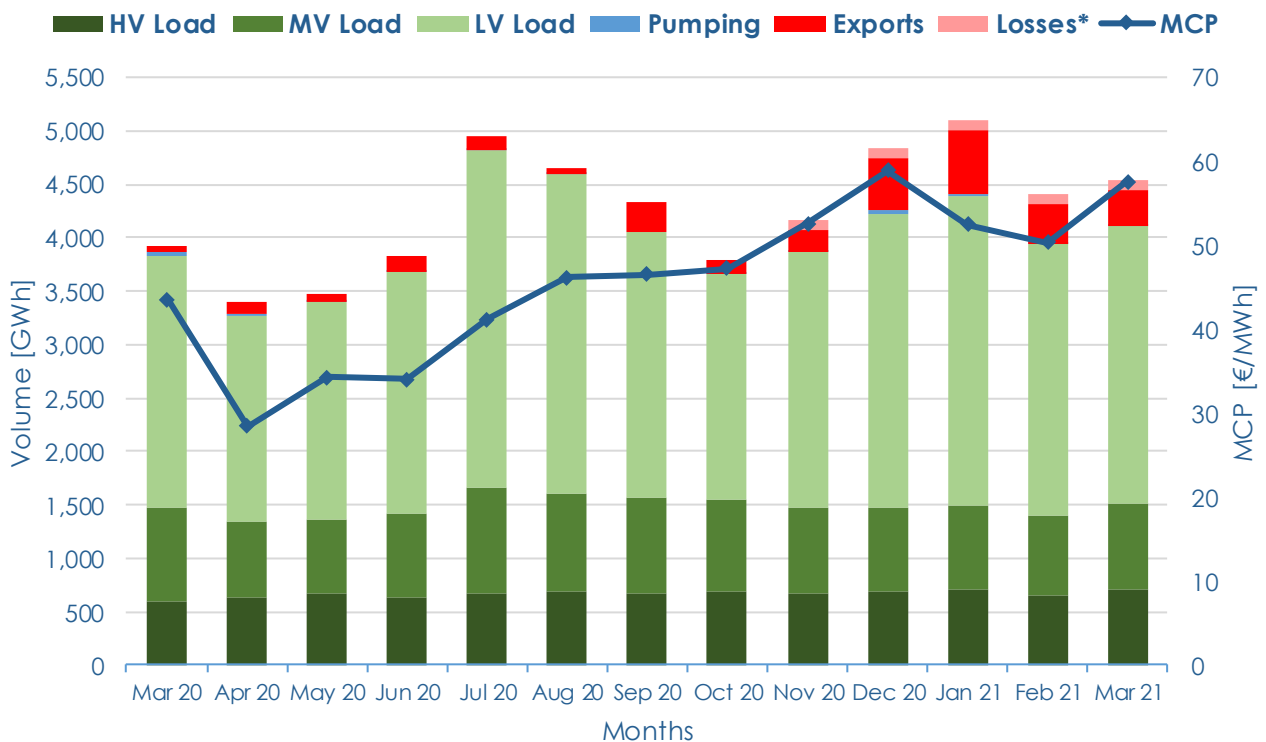
1.8. Volume mix of sell side per month



1.9. Volume mix of buy side per day



1.10. Volume mix of buy side per month



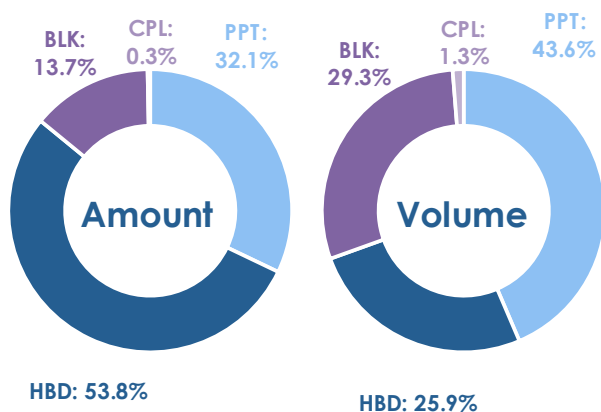
*Data for losses are considered from November 2020.

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	March	0.00	43.62	130.00	46.67	3,916.5
	April	0.00	28.50 ↓ -35%	80.01	29.43 ↓ -37%	3,407.2
	May	0.00	34.27 ↑ 20%	79.06	33.14 ↑ 13%	3,476.4
	June	1.51	34.05 ↘ -1%	70.00	35.33 ↗ 7%	3,830.6
	July	20.02	41.14 ↑ 21%	150.05	43.64 ↑ 24%	4,953.3
	August	0.00	46.14 ↑ 12%	112.17	47.83 ↗ 10%	4,655.1
	September	21.60	46.60 ↗ 1%	104.41	54.62 ↑ 14%	4,333.8
	October	0.00	47.28 ↗ 1%	110.01	51.38 ↘ -6%	3,788.9
	November	17.03	52.66 ↑ 11%	110.14	62.37 ↑ 21%	4,171.6
	December	-0.01	58.93 ↑ 12%	140.01	79.86 ↑ 28%	4,840.5
2021	January	1.50	52.52 ↓ -11%	98.02	63.90 ↓ -20%	5,108.6
	February	-0.01	50.36 ↘ -4%	90.96	59.09 ↘ -8%	4,410.7
	March	0.00	57.64 ↑ 14%	110.60	60.13 ↗ 2%	4,534.7

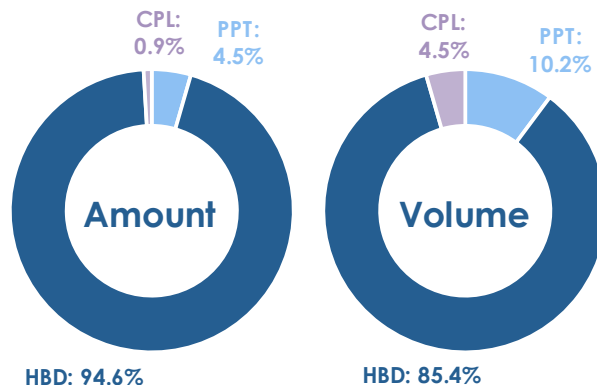
1.12. Trades per Order type

Sell Side



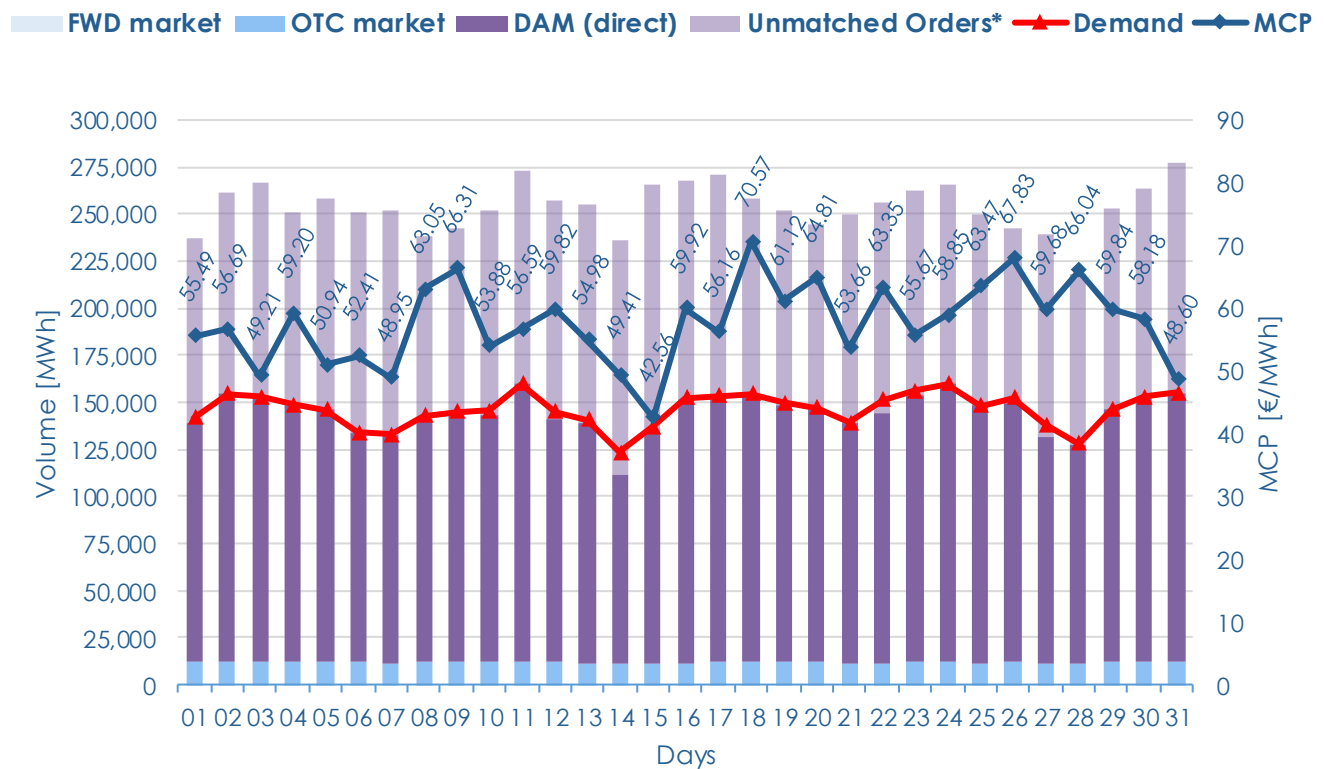
	PPT	HBD	BLK	CPL
Amount	20822	34913	8914	197
Volume [GWh]	1976	1175	1326	57

Buy Side



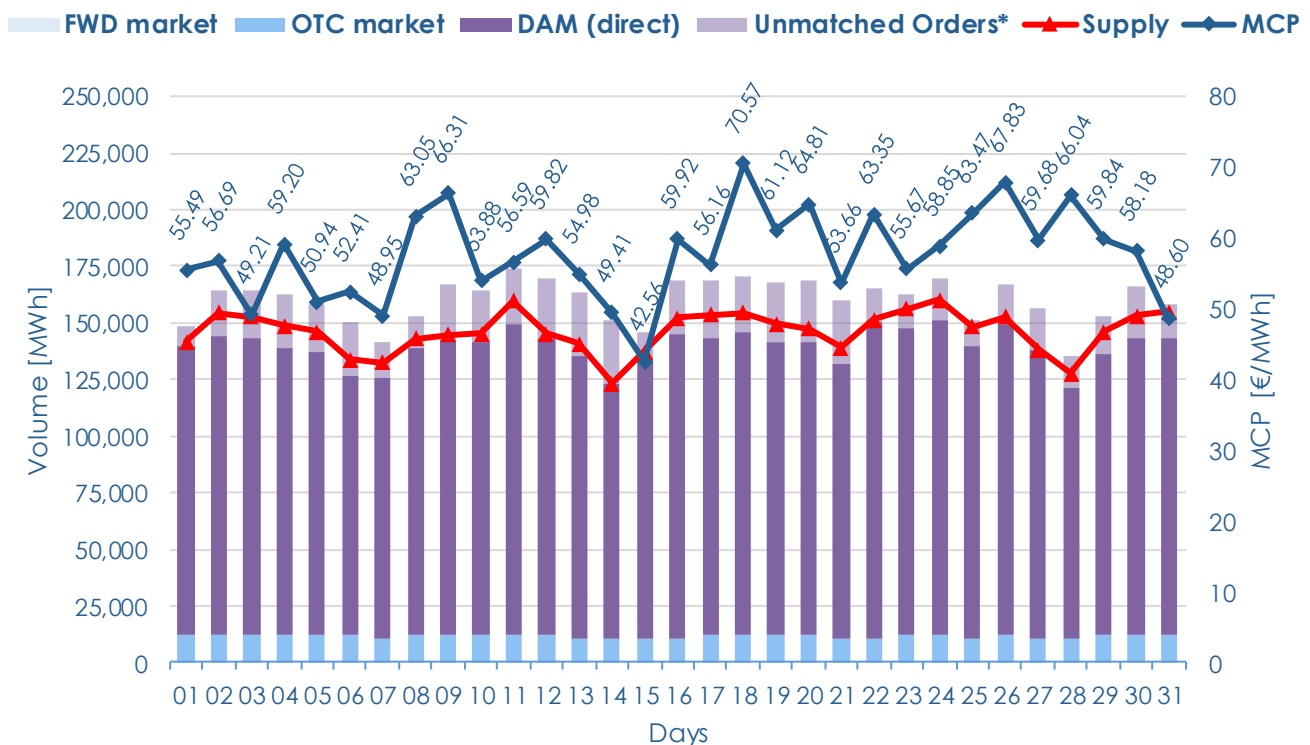
	PPT	HBD	CPL
Amount	2618	55566	542
Volume [GWh]	461	3871	202

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



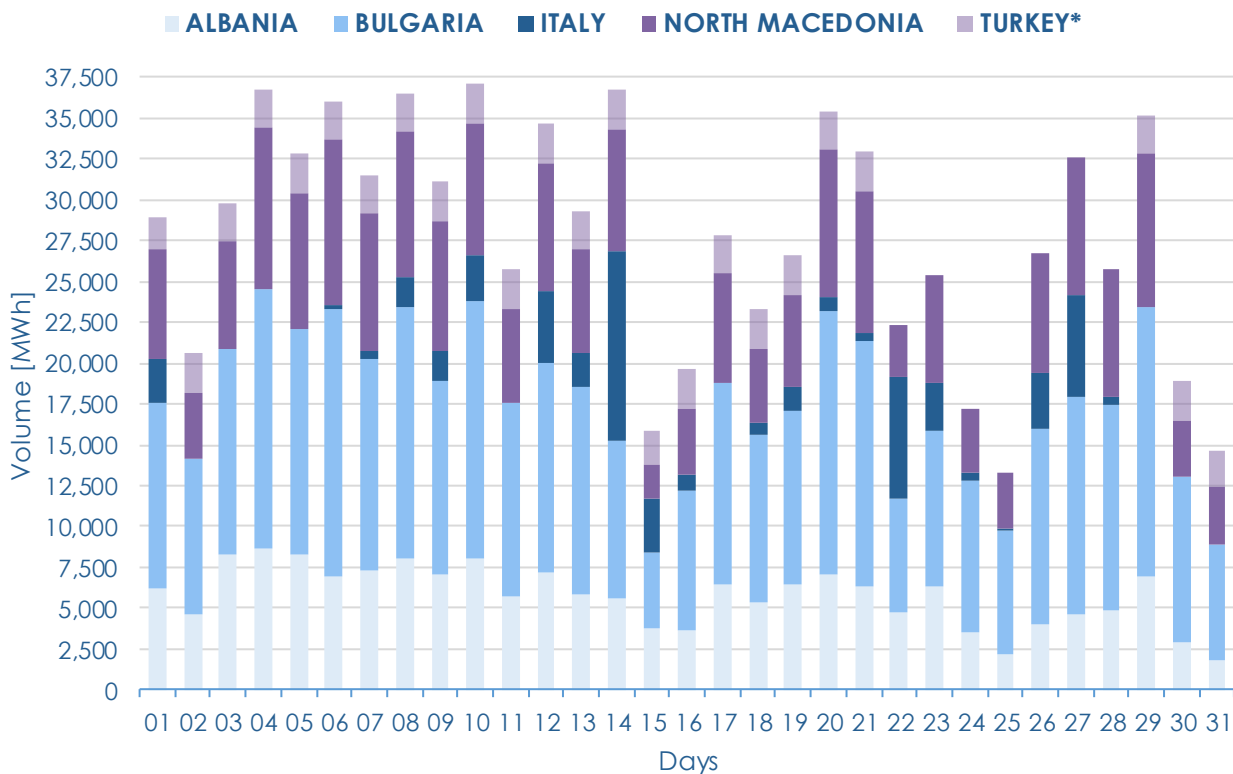
*The unmatched orders include all sell orders that have not been included in the algorithm (excluding block orders)

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



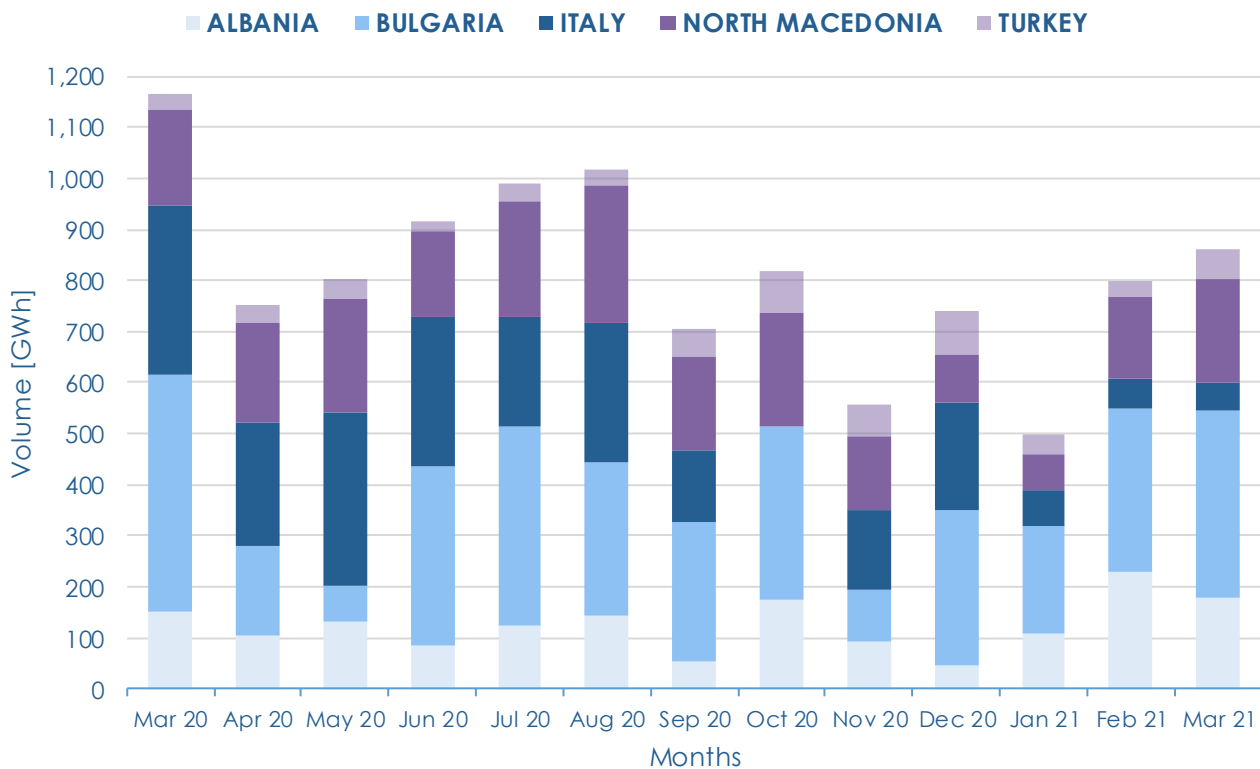
*The unmatched orders include all buy orders that have not been included in the algorithm

1.15. Cross Border volume · Imports per day

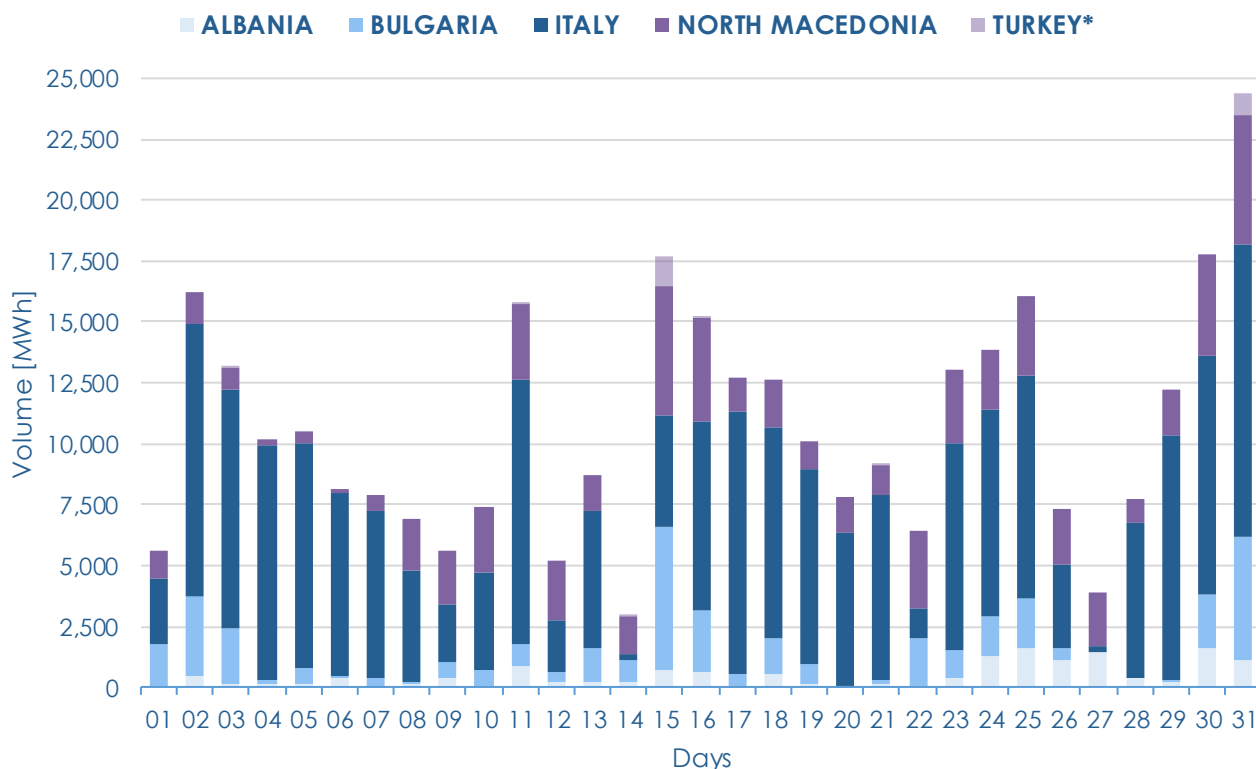


*Interconnection with Turkey had zero NTC from 22/03-28/03

1.16. Cross Border Volume · Imports per month

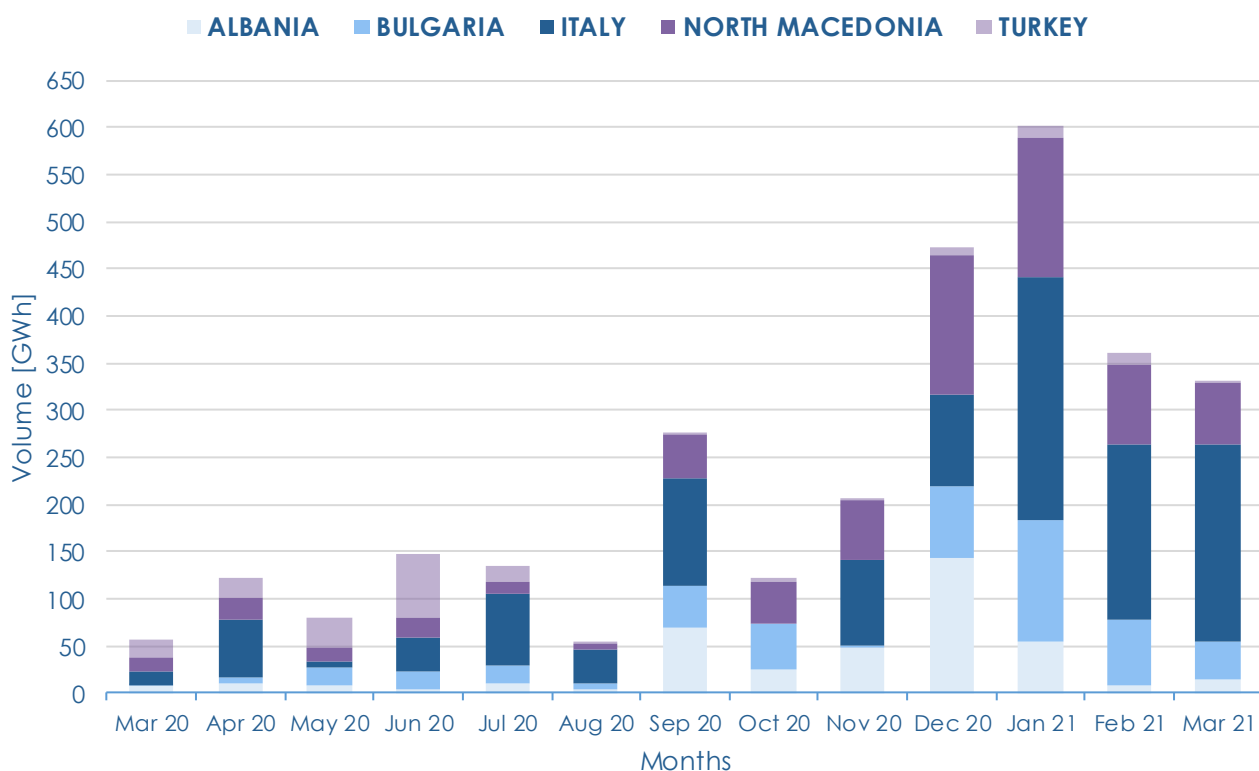


1.17. Cross Border volume · Exports per day

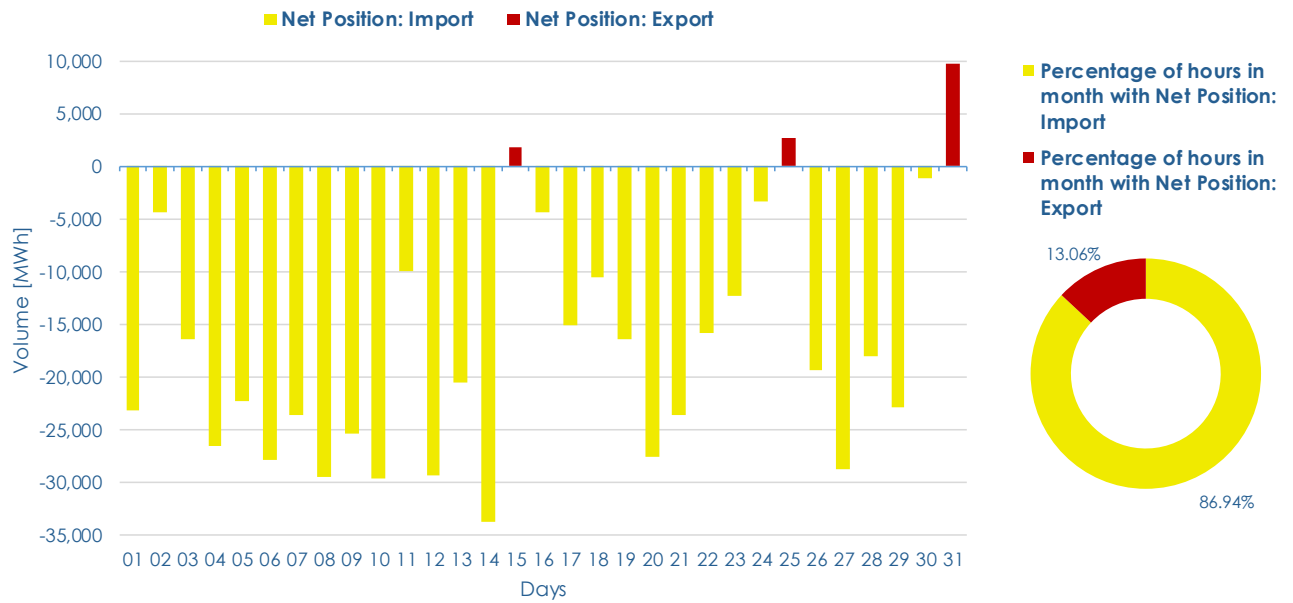


*Interconnection with Turkey had zero NTC from 22/03-28/03

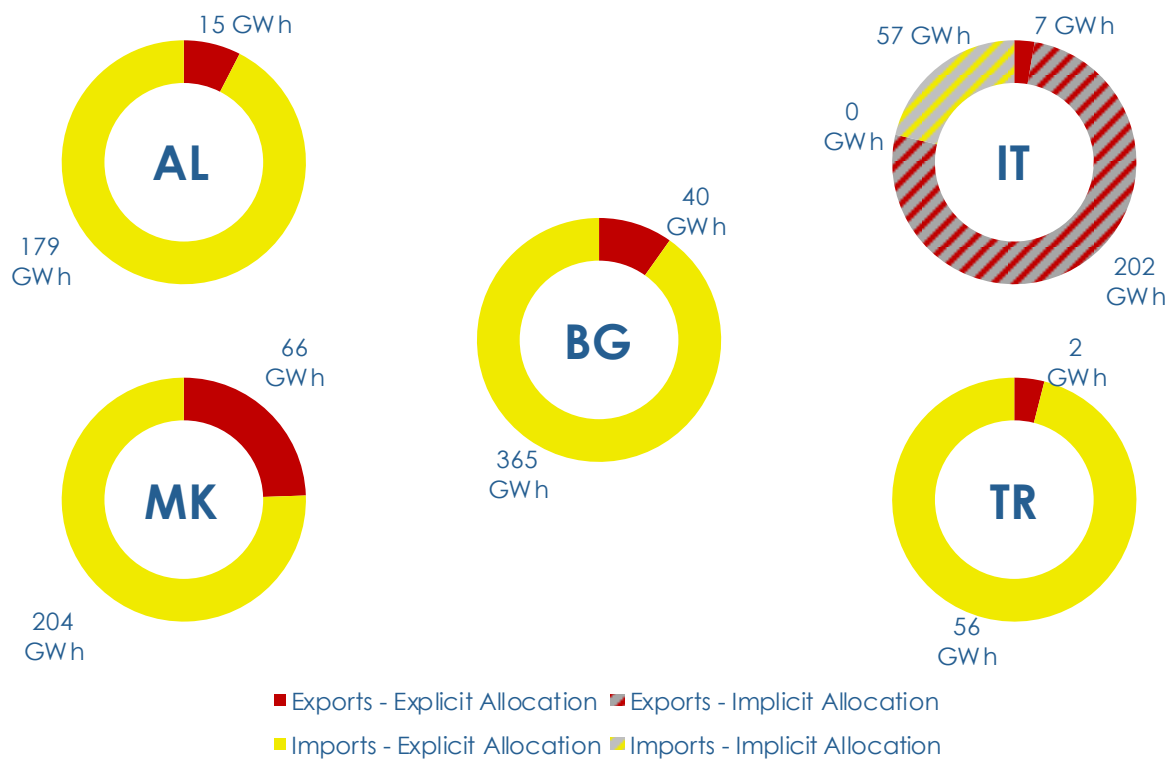
1.18. Cross Border Volume · Exports per month



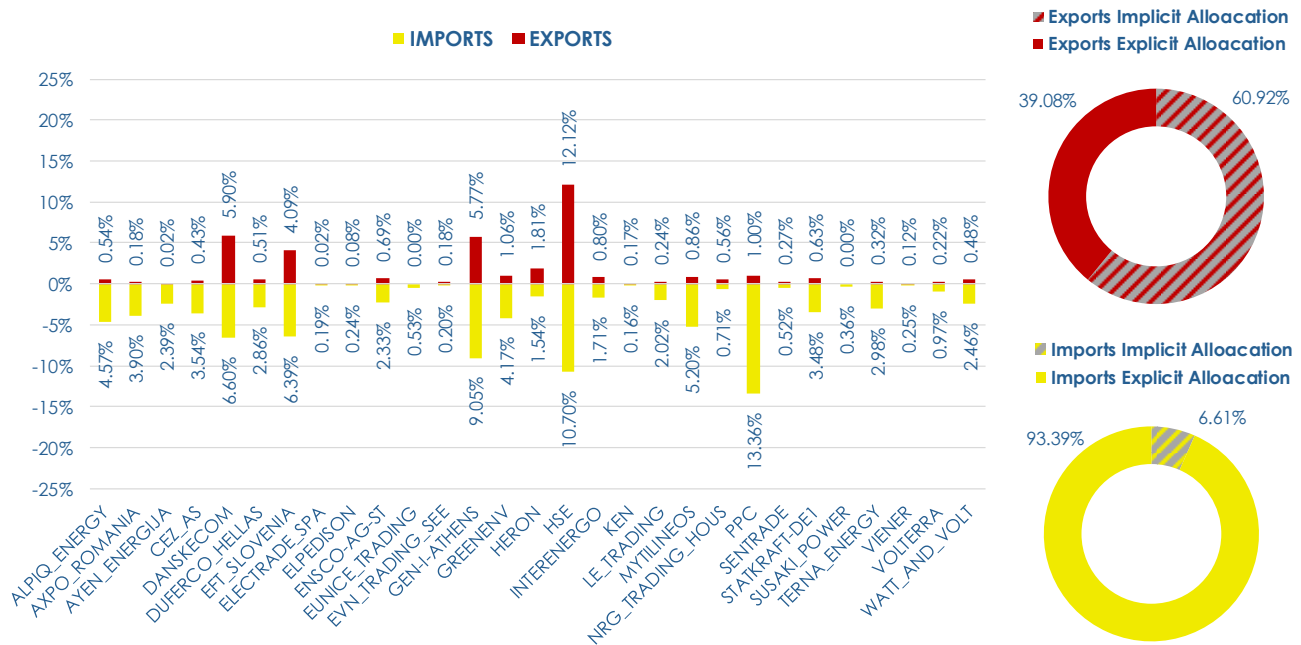
1.19. Net position of all cross border flows



1.20. Cross Border Volumes per Border



1.21. Market Shares of Imports and Exports per Market Participant

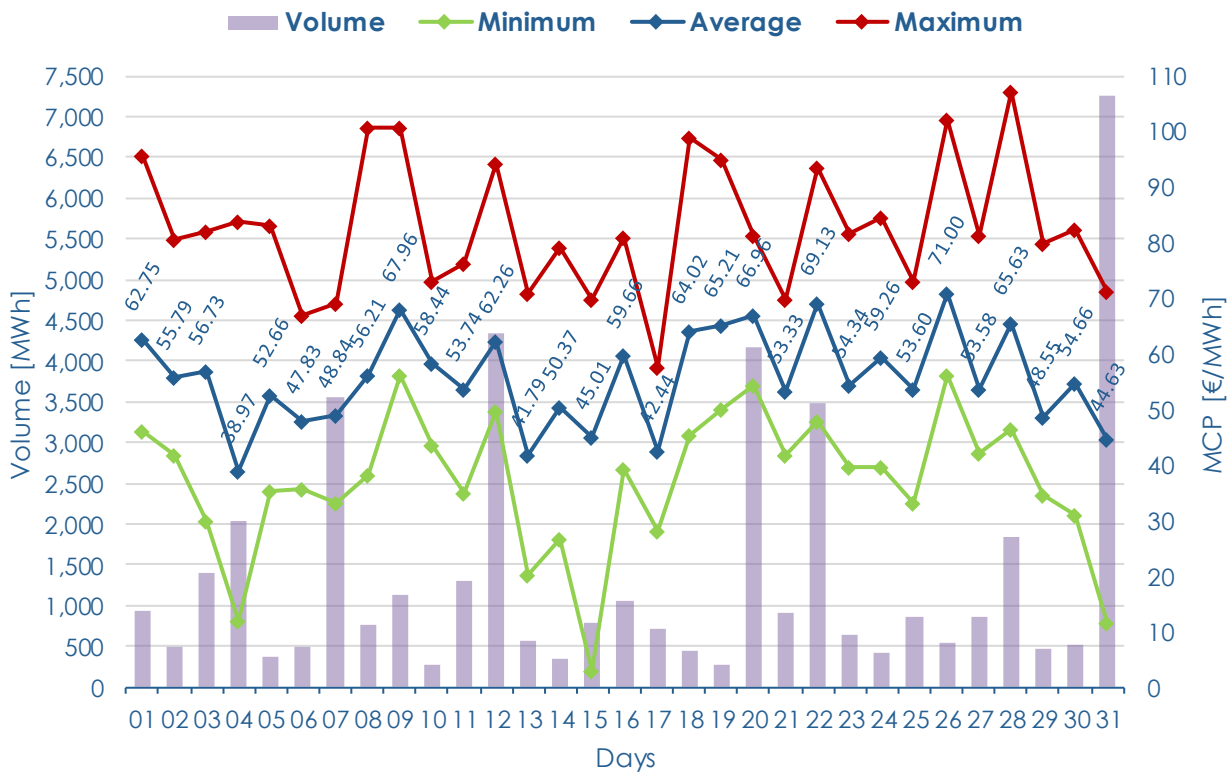


2. IDM

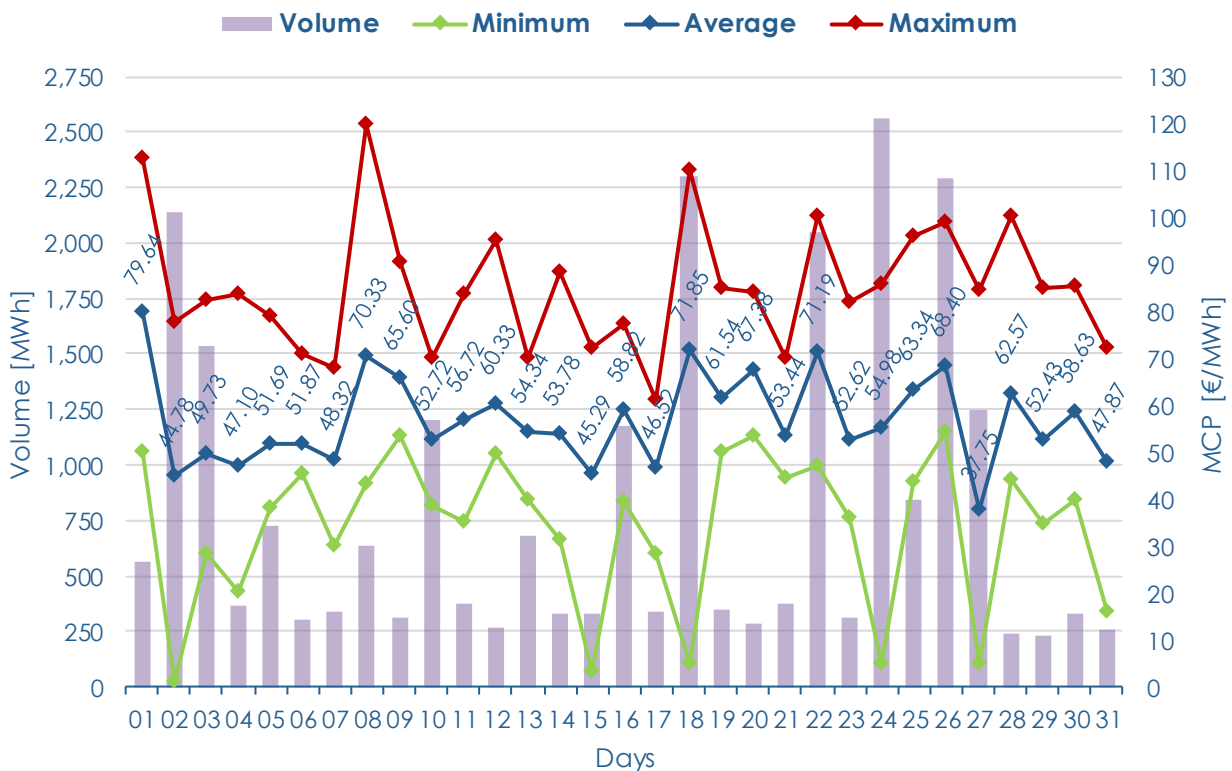
Market Clearing Prices (MCP)

Volumes, technologies and order types

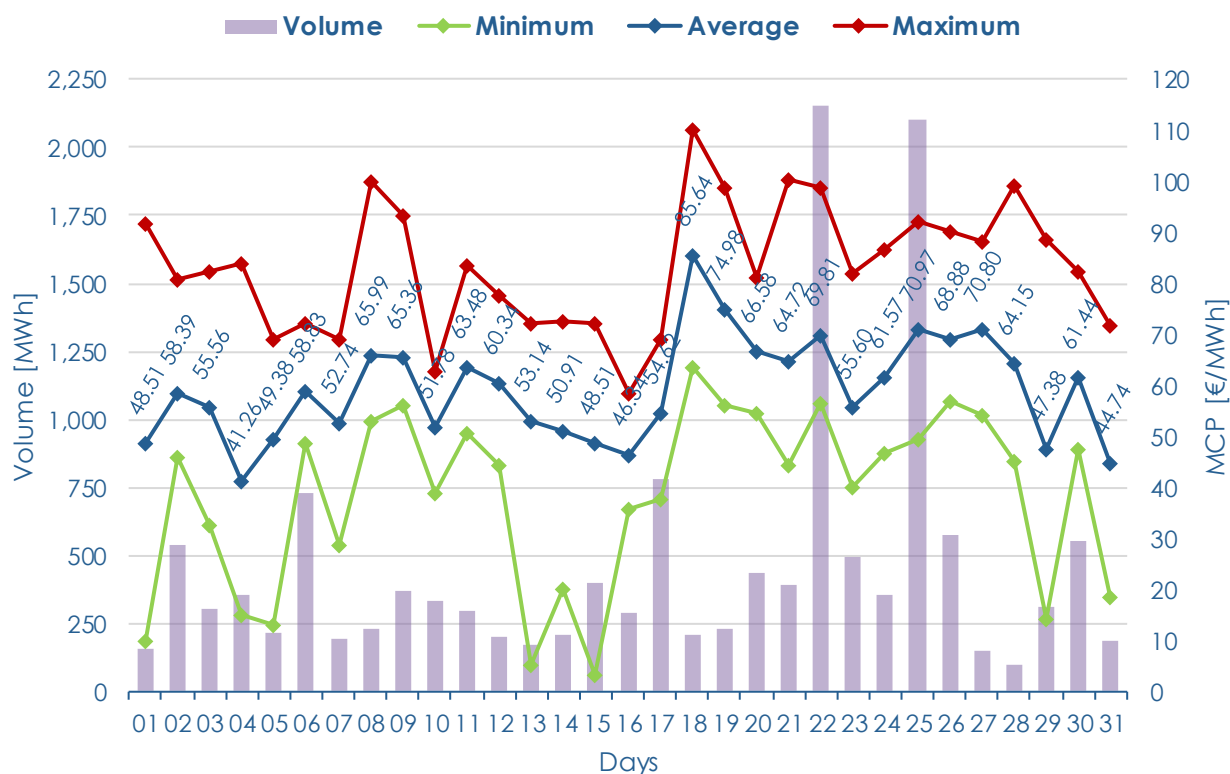
2.1. Daily MCP and volume · LIDA1



2.2. Daily MCP and volume · LIDA2



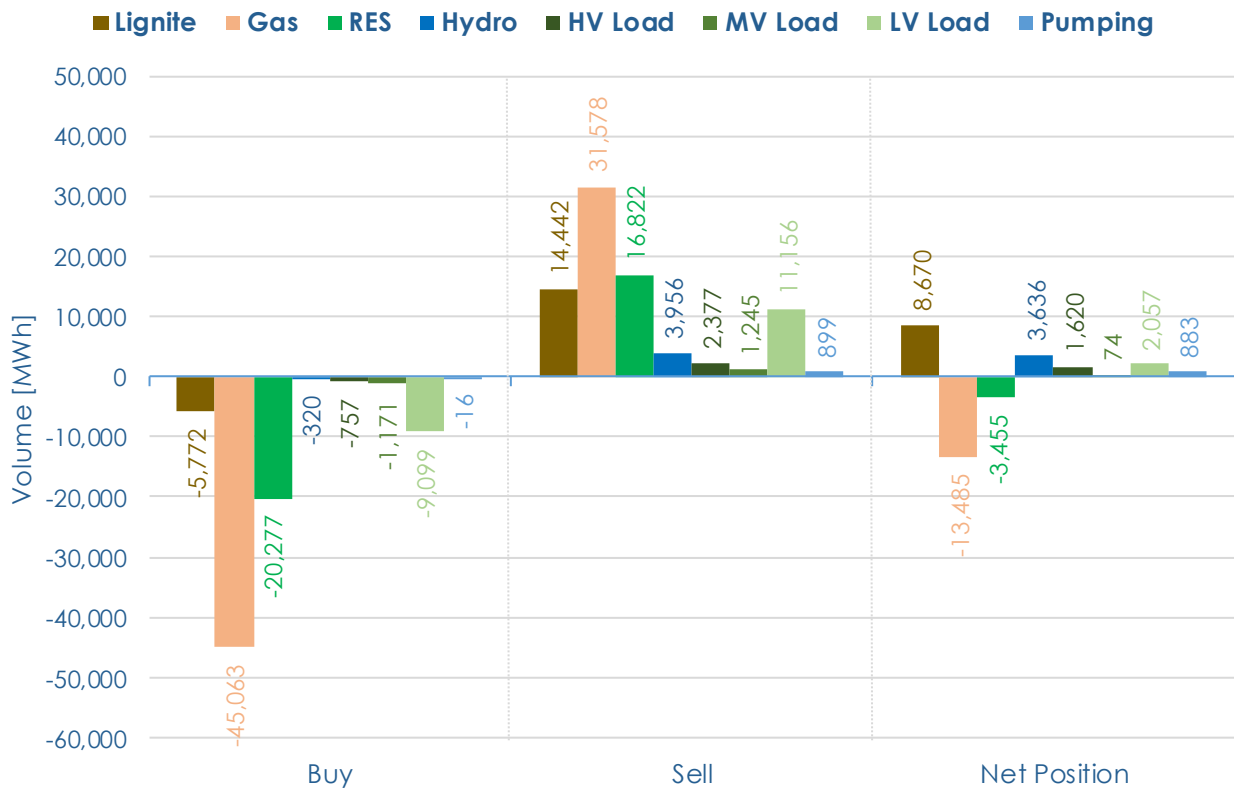
2.3. Daily MCP and volume · LIDA3



2.4. Table with MCP and volume

		Year	2020	2020	2021	2021	2021
		Month	Nov	Dec	Jan	Feb	Mar
LIDA1	Price [€/MWh]	min	5.10	-1.20	0.00	-1.01	3.01
		avg	53.21	60.26	53.57	50.67	55.64
		max	160.00	180.00	150.00	250.00	107.21
	Volume [MWh]		49,949	50,768	57,322	52,271	43,218
LIDA2	Price [€/MWh]	min	16.34	-10.00	-19.92	-8.00	1.00
		avg	51.84	59.09	49.90	54.32	56.82
		max	143.45	238.33	137.16	150.00	120.00
	Volume [MWh]		20,325	22,673	23,941	14,069	25,279
LIDA3	Price [€/MWh]	min	0.00	-16.09	0.01	-5.00	3.00
		avg	56.03	54.98	48.07	54.52	59.11
		max	350.00	250.00	115.00	150.00	110.22
	Volume [MWh]		12,151	10,043	19,794	13,544	13,979

2.5. Volume mix per side and net position for IDM



3. DAM & IDM · Aggregated Overview

Final Market Schedules

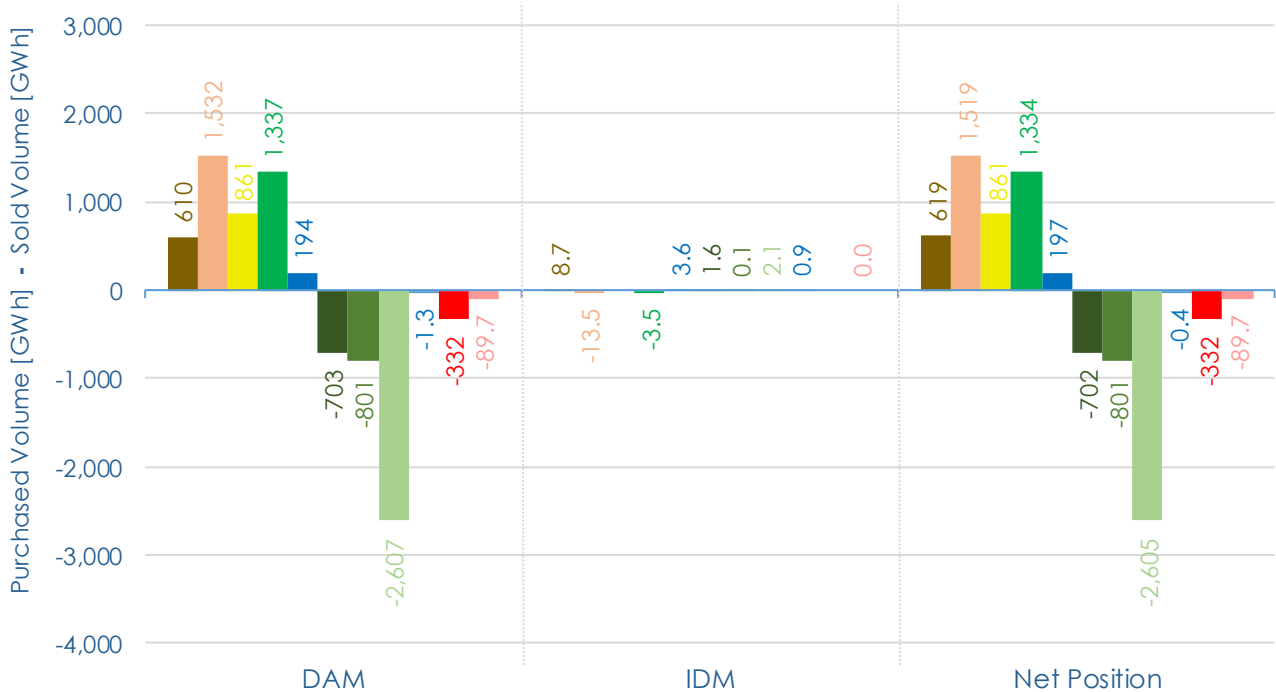
Domestic Production

Domestic Consumption

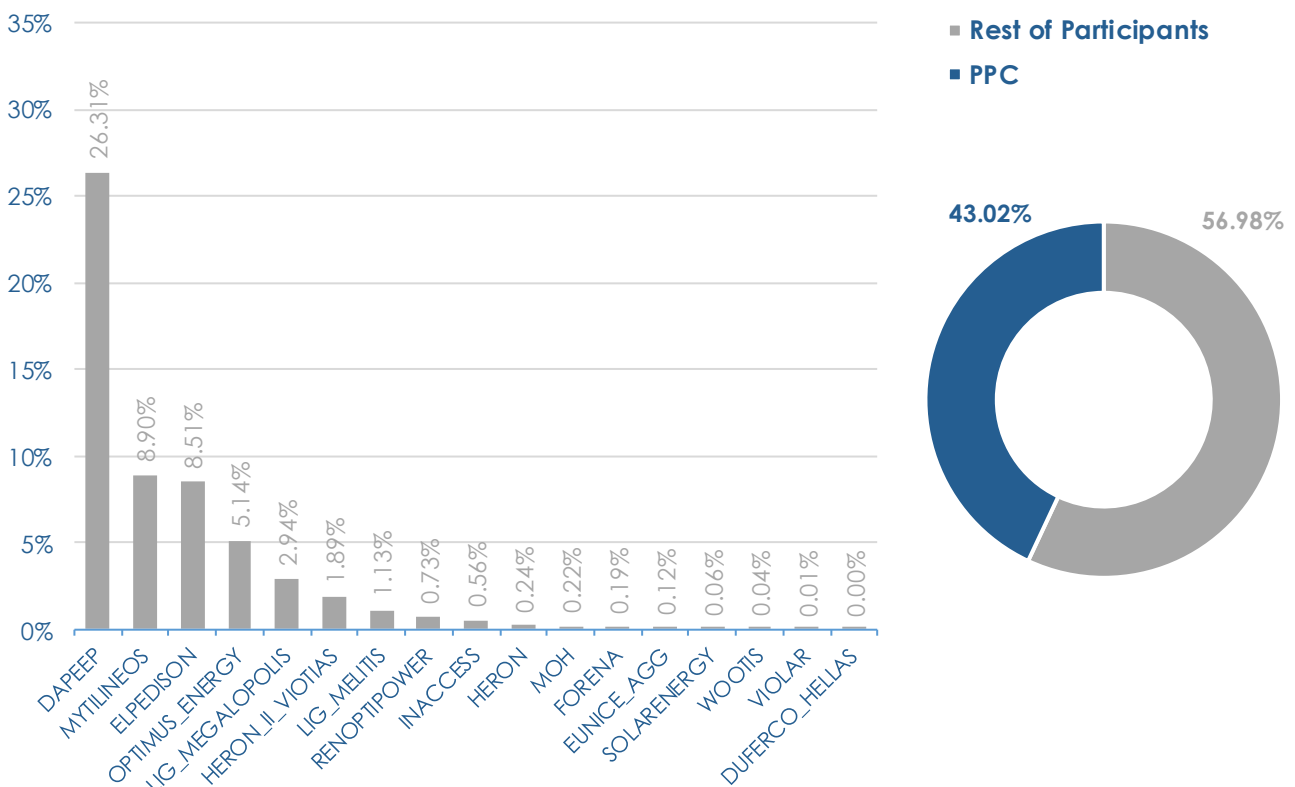
Domestic Consumption per Voltage level

3.1. Market Schedules

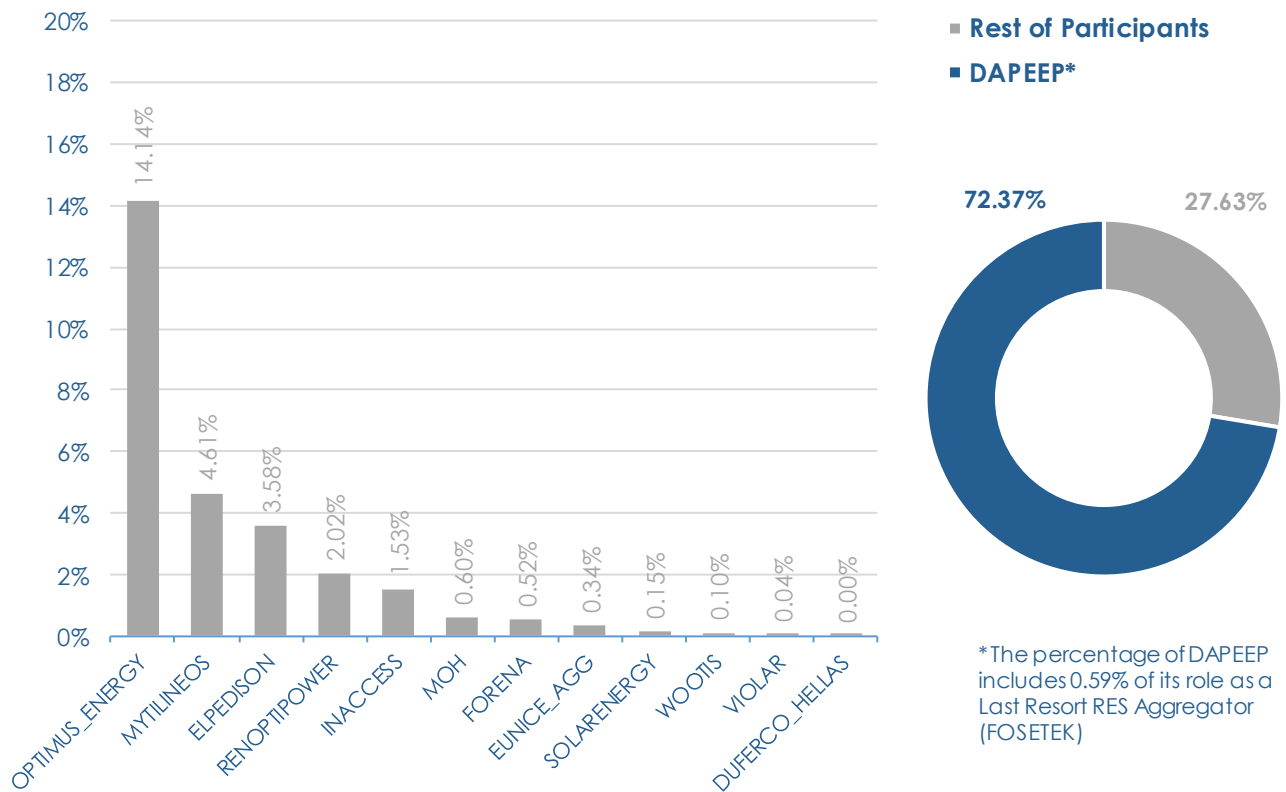
■ Lignite ■ Gas ■ Imports ■ RES ■ Hydro ■ HV Load ■ MV Load ■ LV Load ■ Pumping ■ Exports ■ Losses



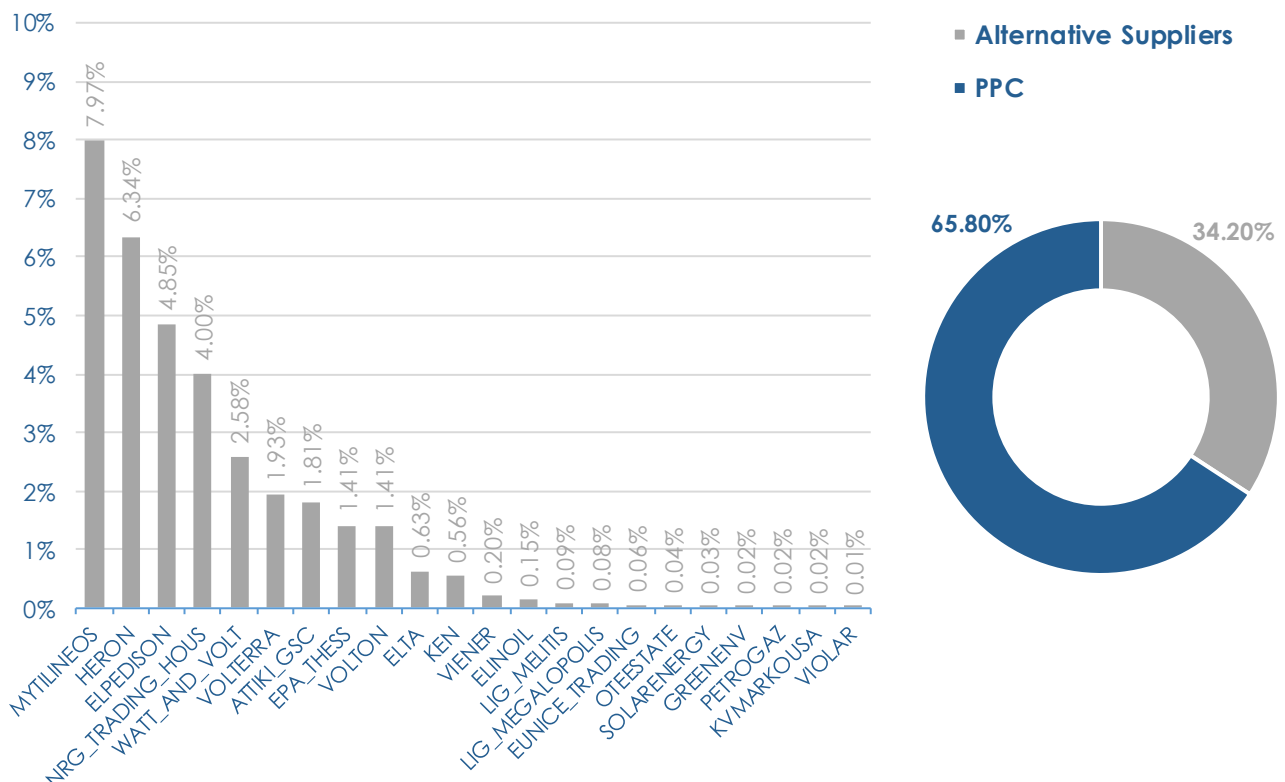
3.2. Final Market Schedule shares for all production units per Market Participant



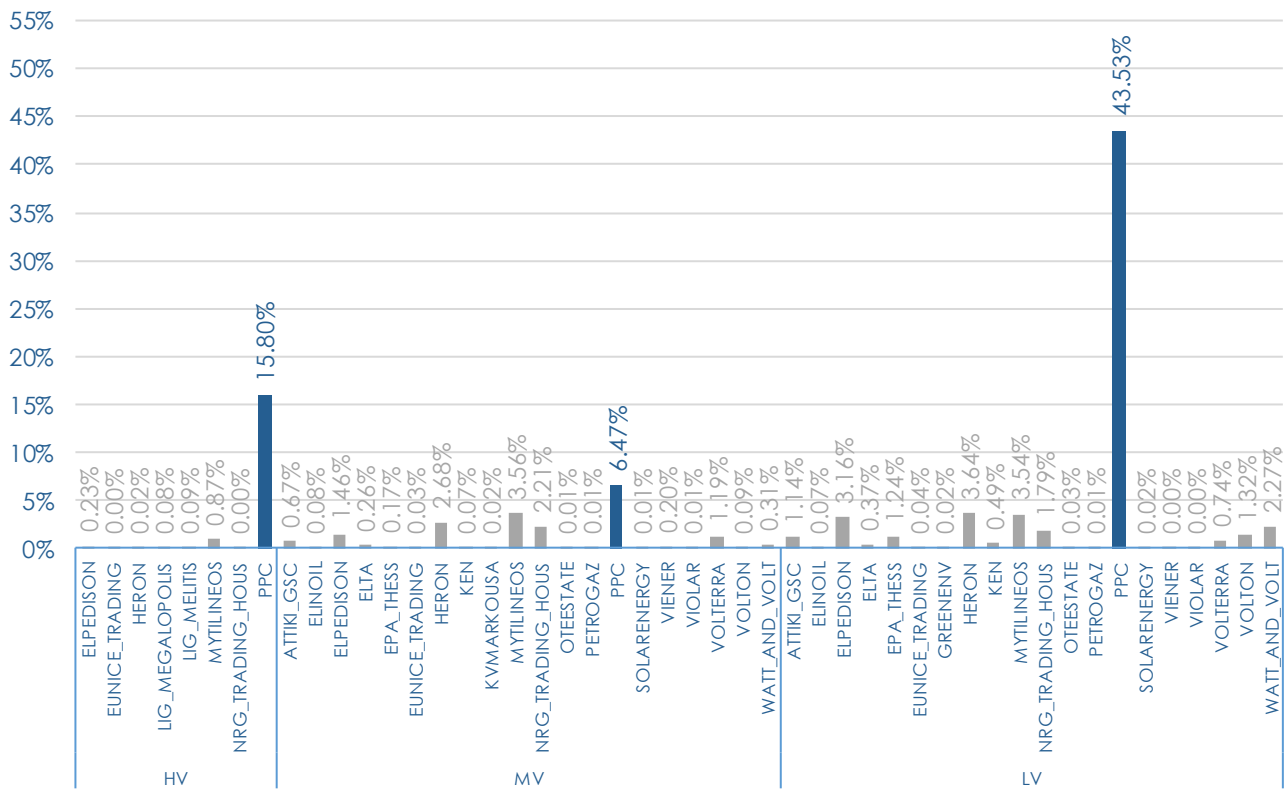
3.3. Final Market Schedule shares for RES production units per Market Participant



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)

*Chart 1.21 has been amended in this published third version. The legends of the doughnut charts presenting the Implicit and Explicit Allocation in Imports and Exports were changed.

**In this third version, the total market value for DAM in page 4, has been amended.