



Monthly Report · January 2021




Day Ahead & Intraday Electricity Markets – Greek Bidding Zone

GENERAL TERMS AND CONDITIONS OF DATA USE

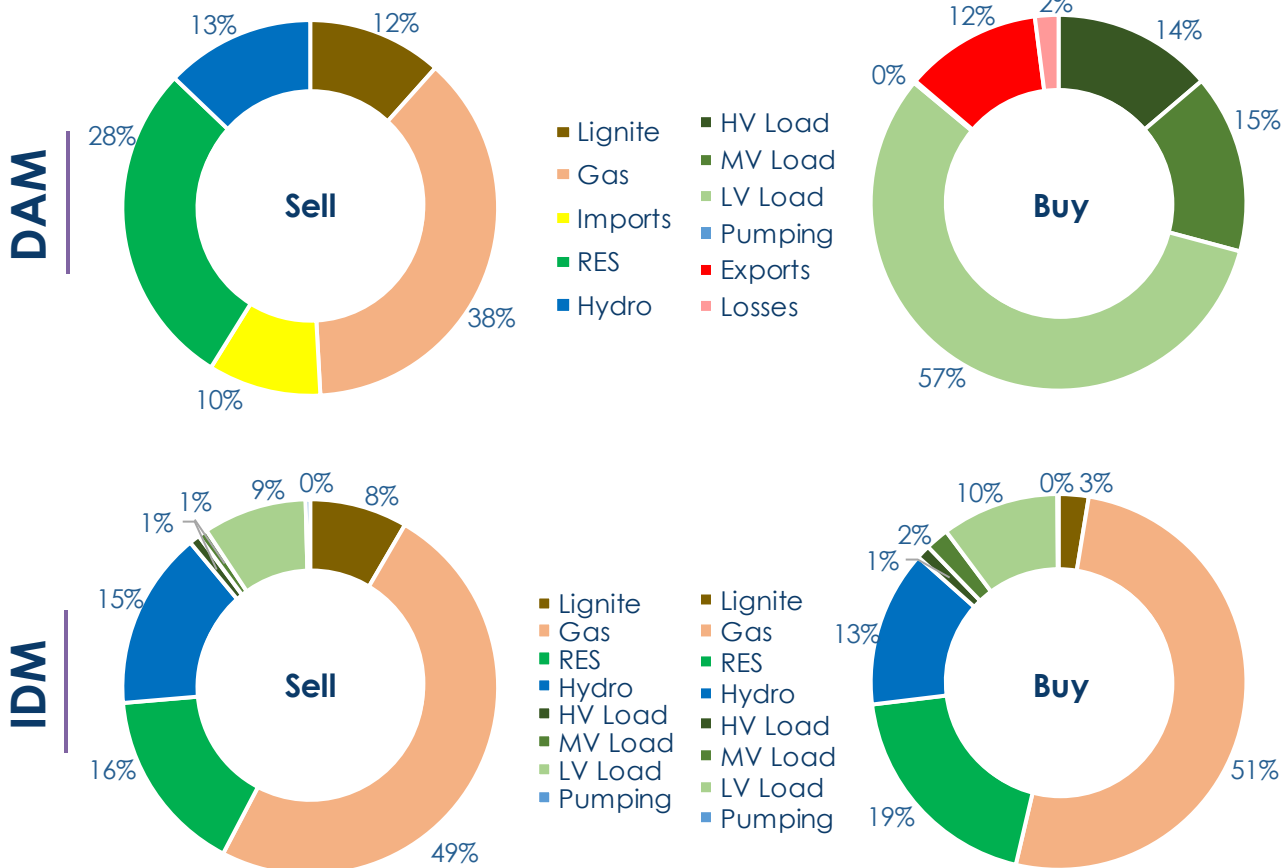
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Summary

	Jan21 Dec20 Jan20		DAM	LIDA1	LIDA2	LIDA3
 Price	€/MWh		52.52 58.93 58.39	53.57 60.26	49.90 59.09	48.07 54.98
 Volume	GWh		5,109 4,840 4,901	57.3 50.8	23.9 22.7	19.8 10.0
 Value	M €		278.1 301.0 278.3	3.32 3.22	1.18 1.30	1.19 0.59

Volume Mix



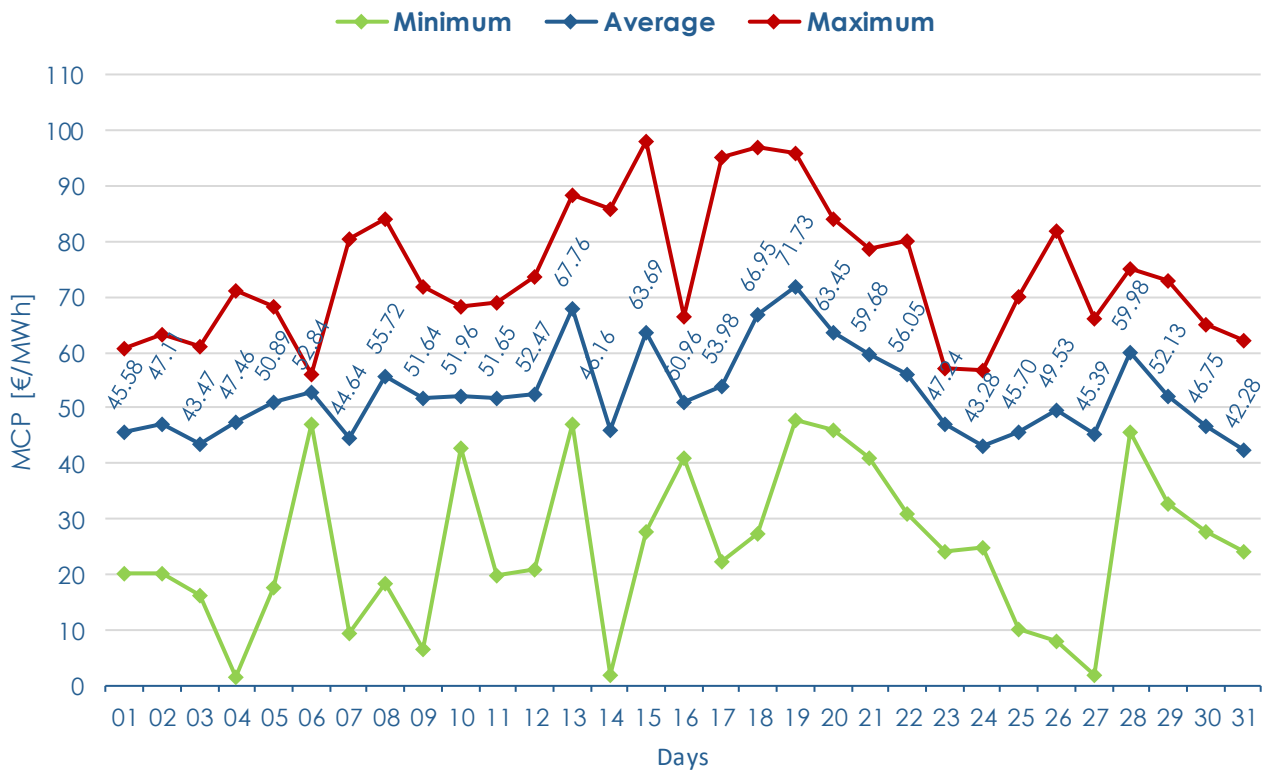
1. DAM

Market Clearing Price (MCP)

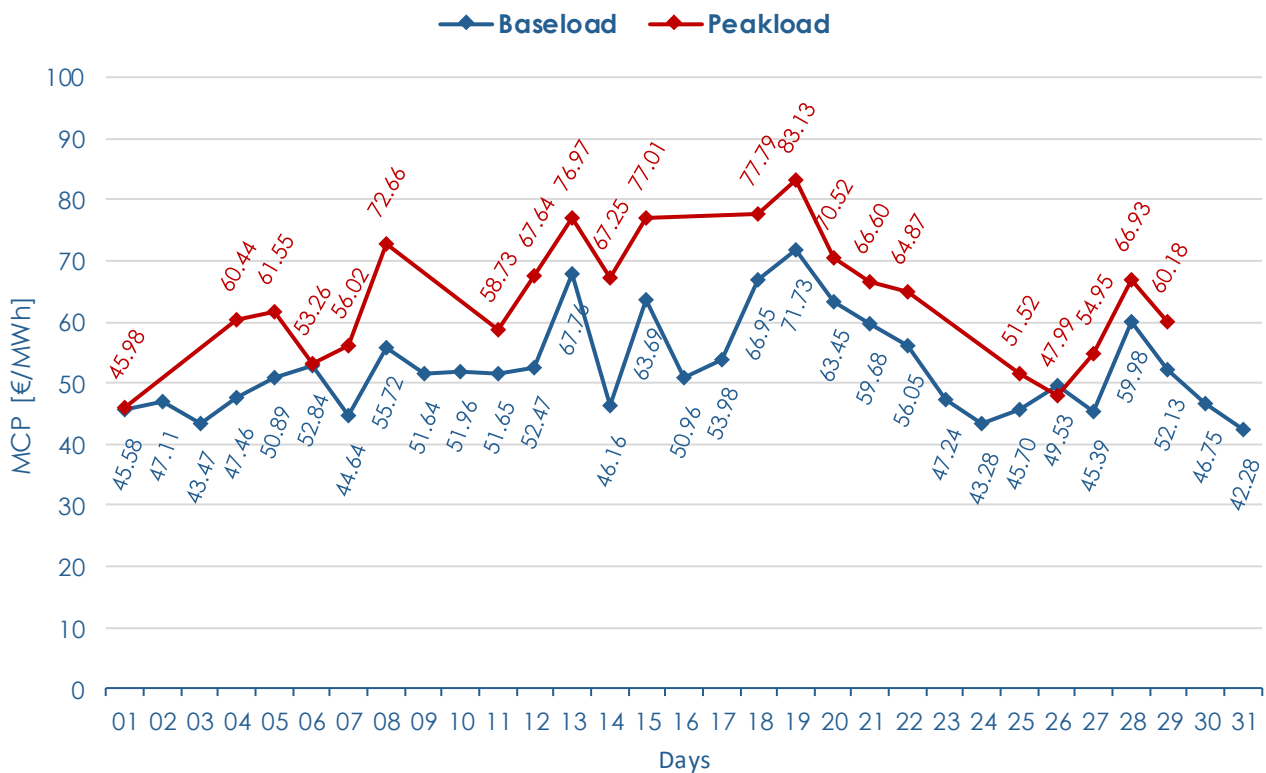
Volumes, technologies and order types

Interconnections

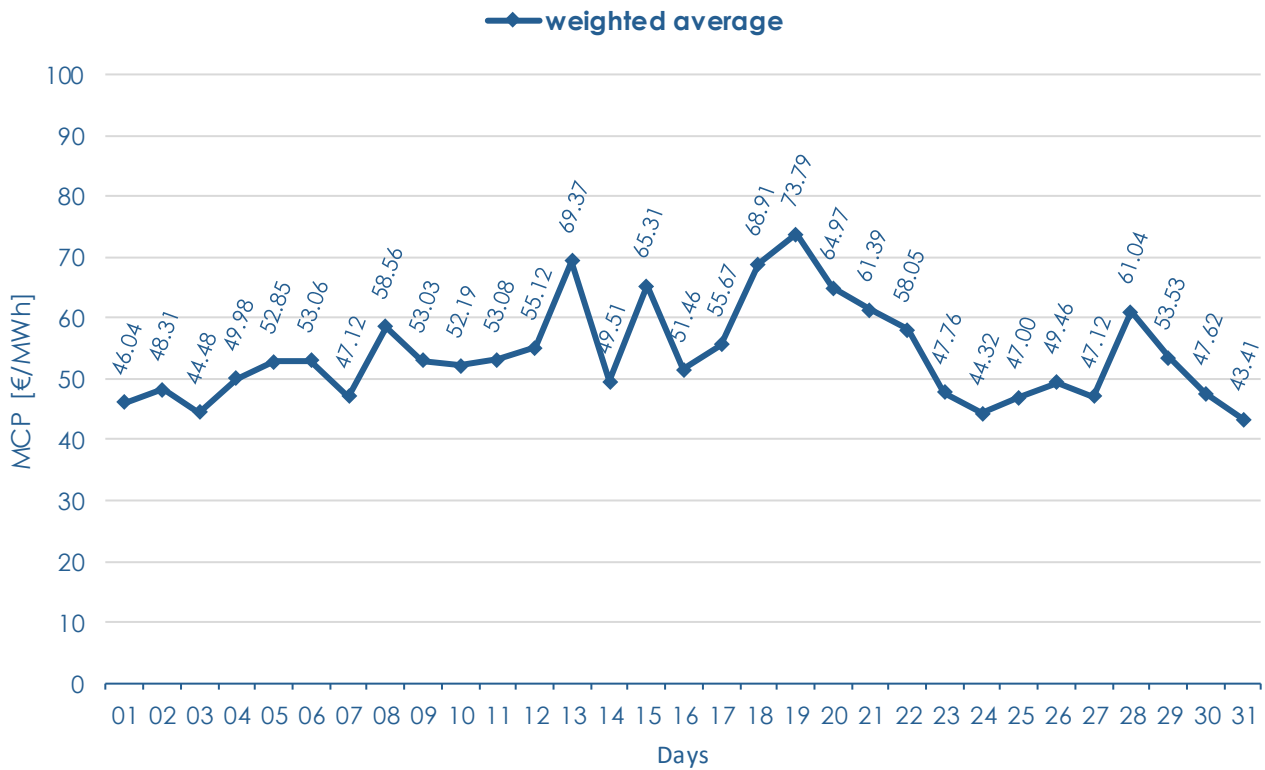
1.1. Daily MCP data of GR BZ



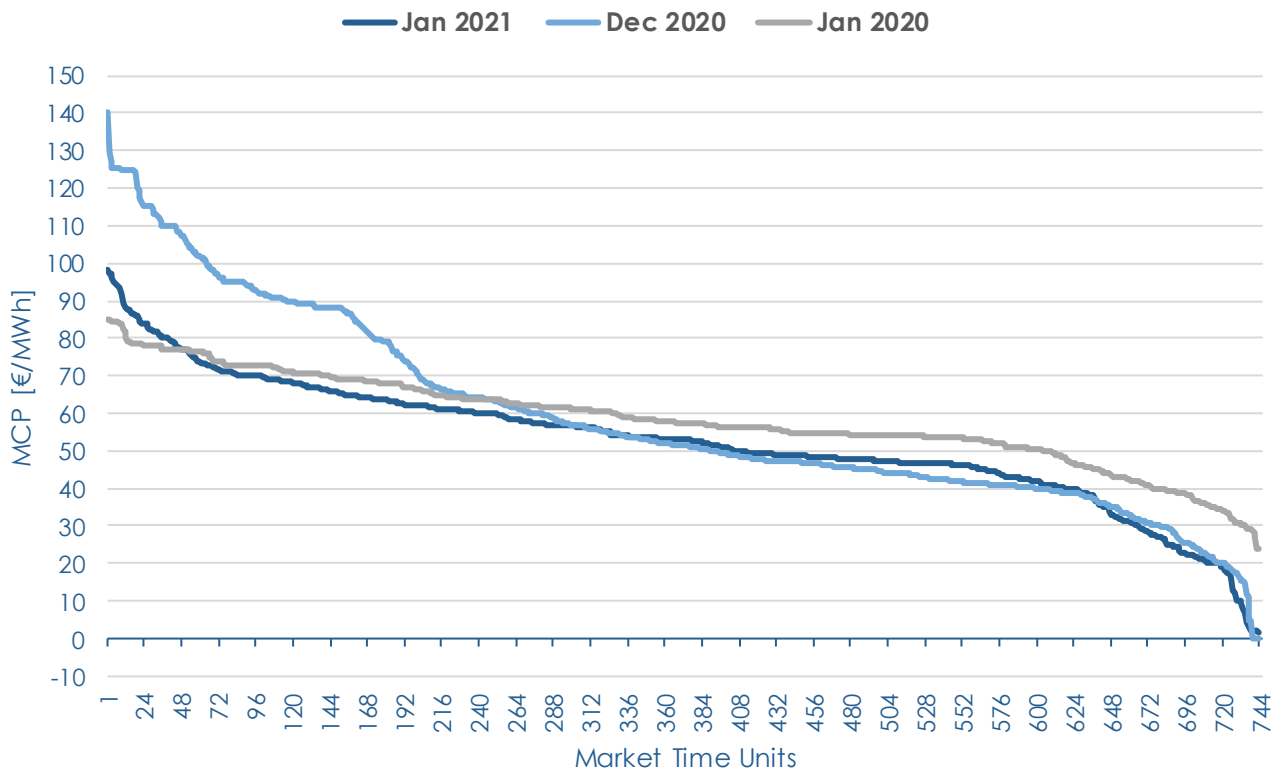
1.2. Daily average prices



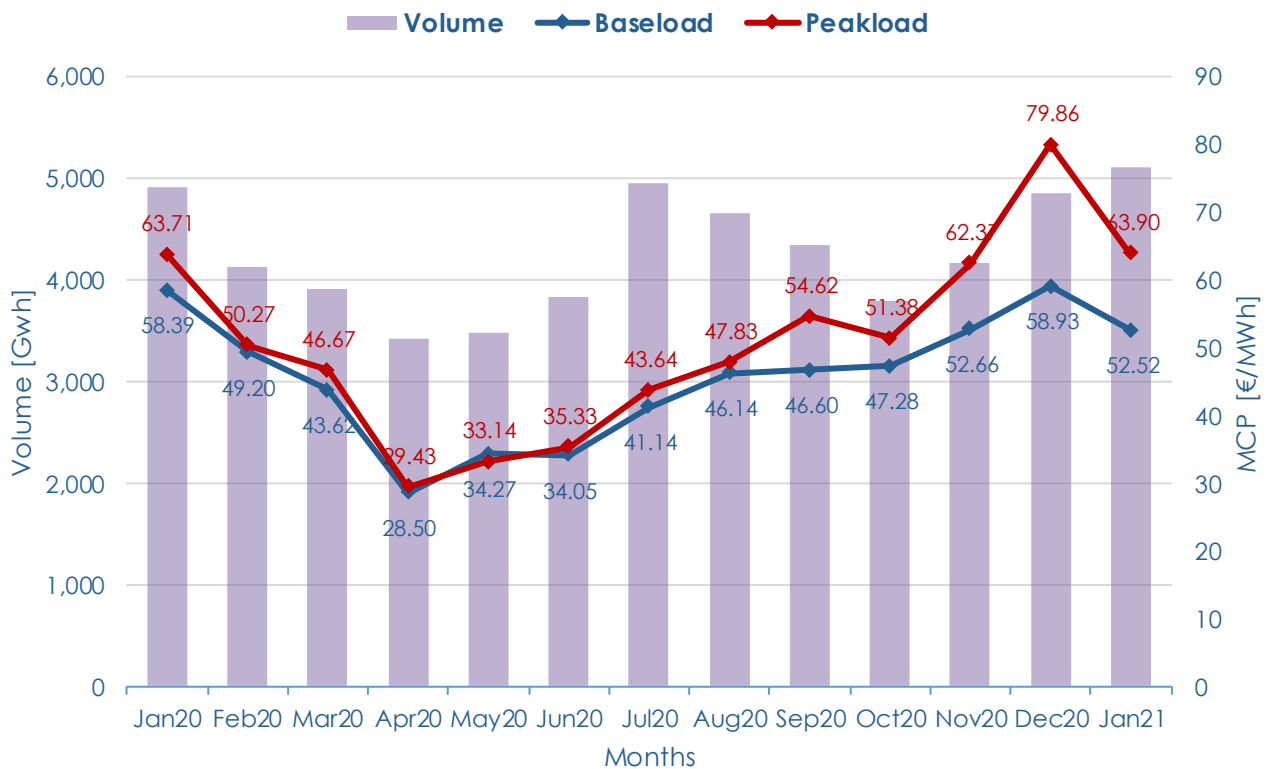
1.3. Daily weighted average baseload price



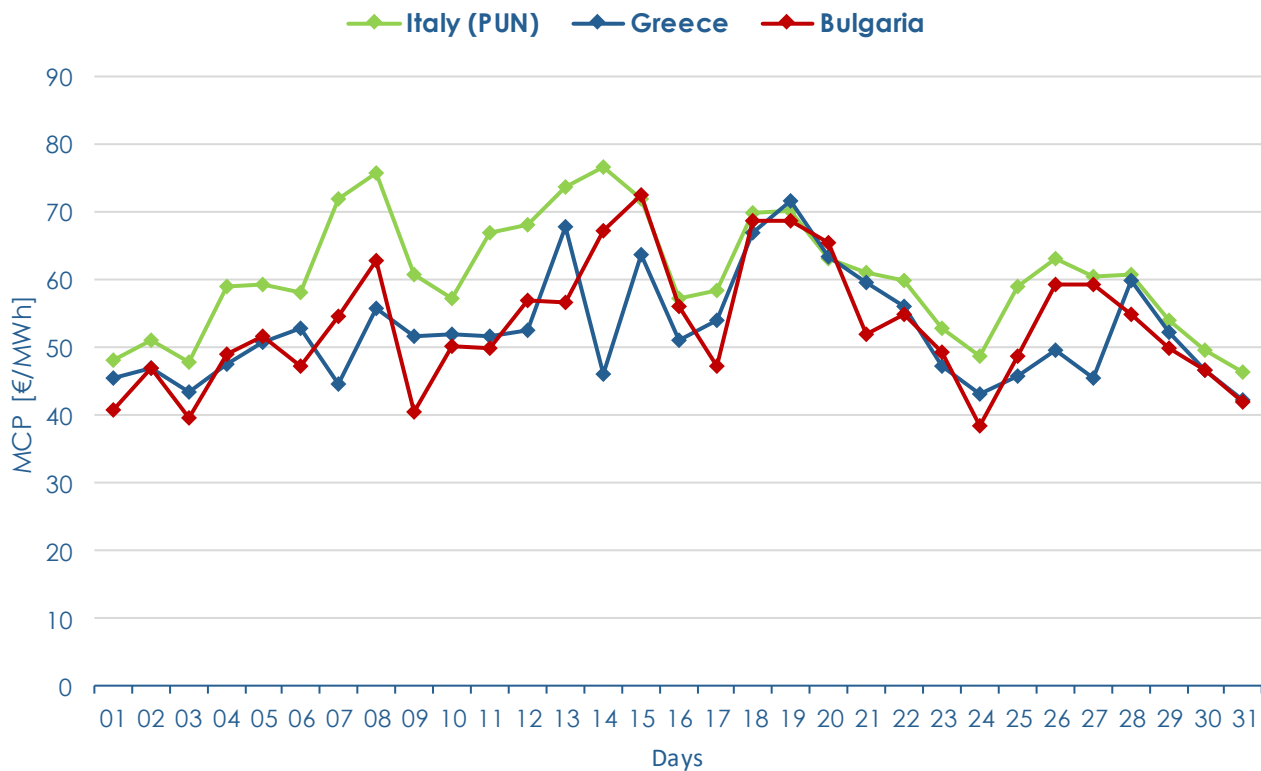
1.4. MCP duration curve



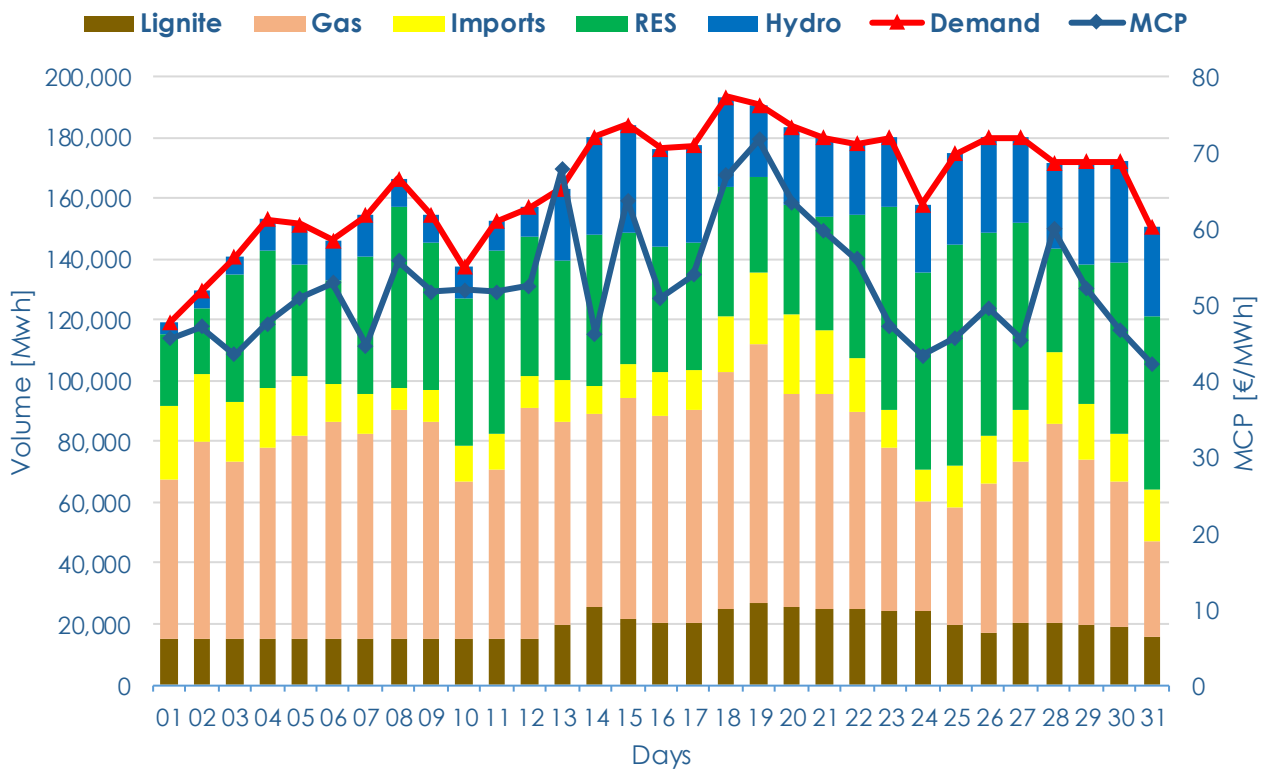
1.5. Monthly volume and average prices



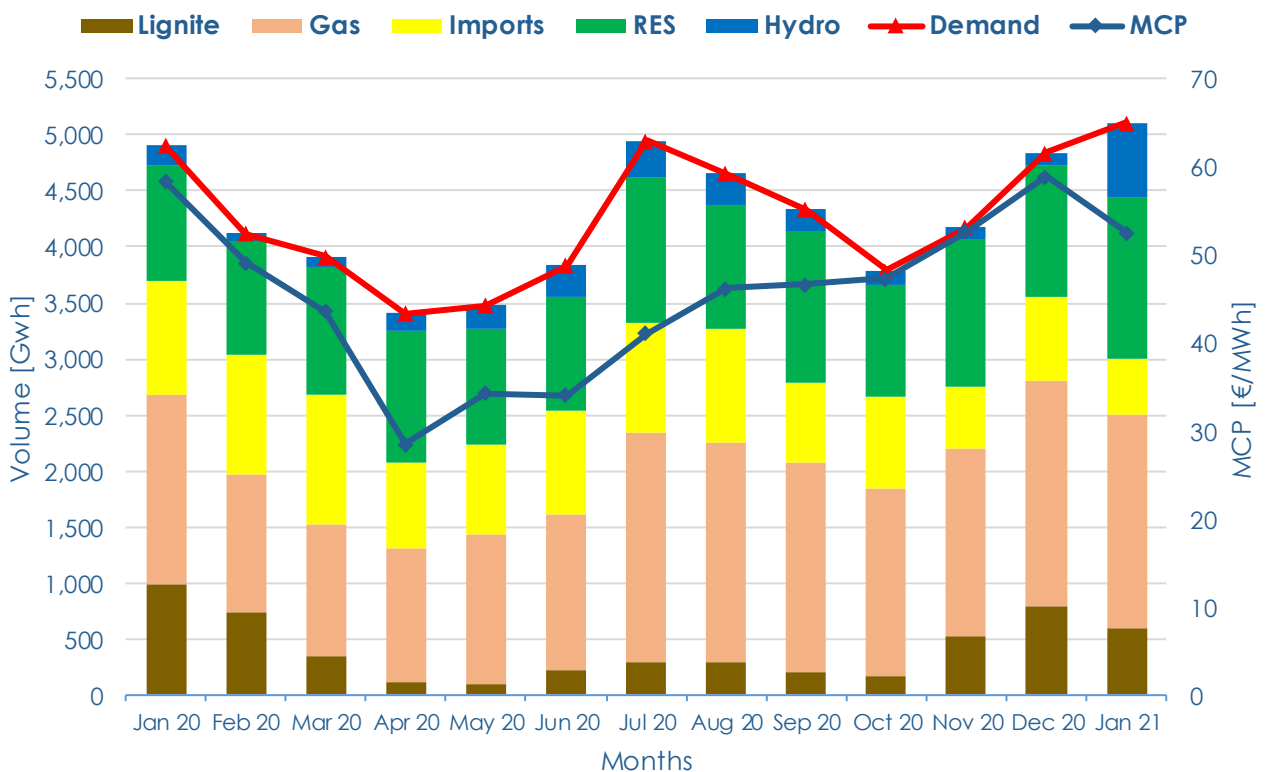
1.6. Daily average MCP of GR, IT, BG



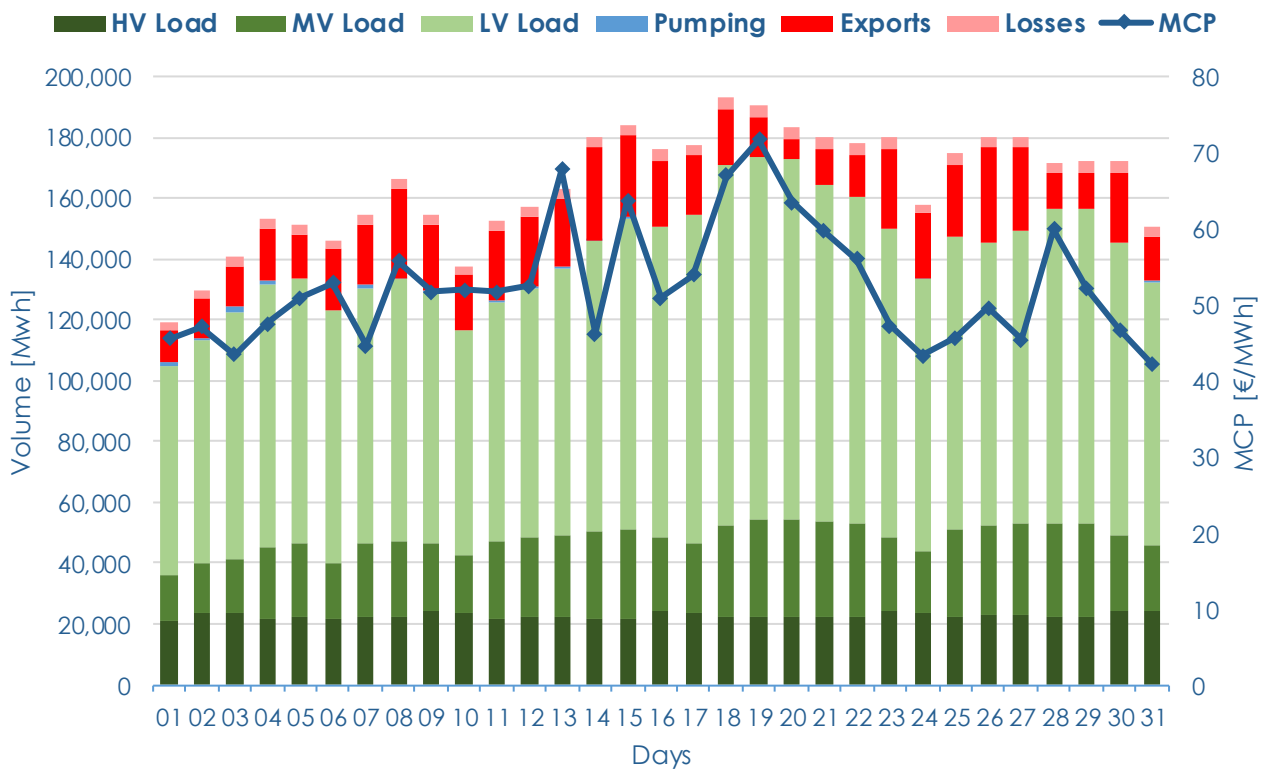
1.7. Volume mix of sell side per day



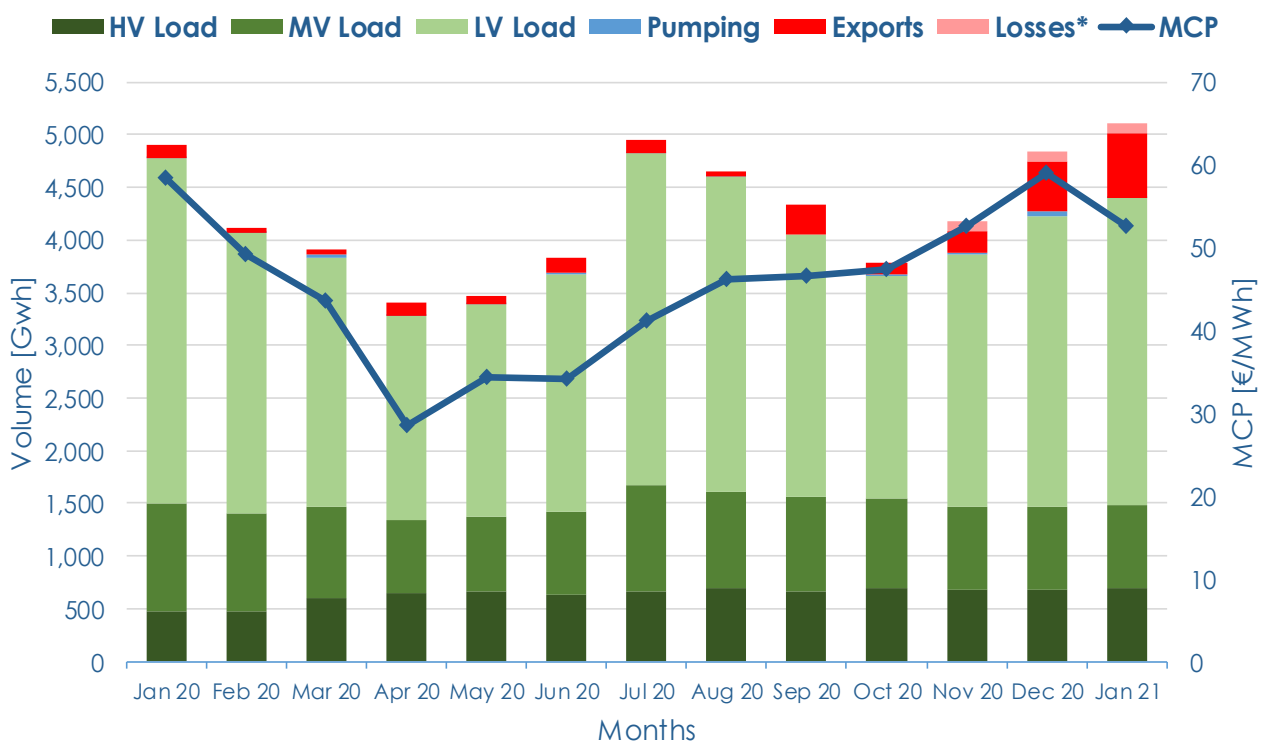
1.8. Volume mix of sell side per month



1.9. Volume mix of buy side per day



1.10. Volume mix of buy side per month



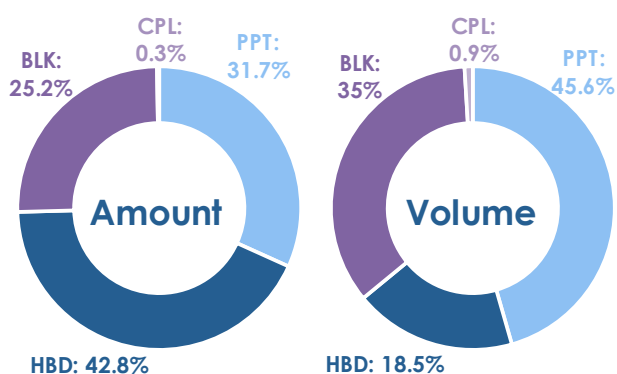
*Data for losses are considered from November 2020.

1.11. Table with MCP and volume per month

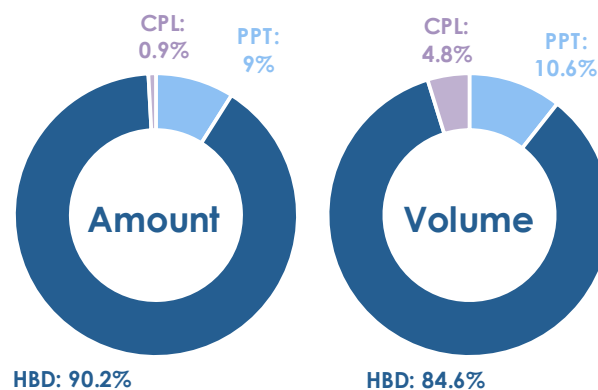
Year	Month	Minimum MCP [€/Mwh]	Average MCP [€/Mwh]	Maximum MCP [€/Mwh]	Peakload MCP [€/Mwh]	Volume [Gwh]
2020	January	23.81	58.39	85.11	63.71	4,901.2
	February	0.00	49.20 ↓ -16%	84.02	50.27 ↓ -21%	4,119.7
	March	0.00	43.62 ↓ -11%	130.00	46.67 ↘ -7%	3,916.5
	April	0.00	28.50 ↓ -35%	80.01	29.43 ↓ -37%	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

1.12. Trades per Order type

Sell Side



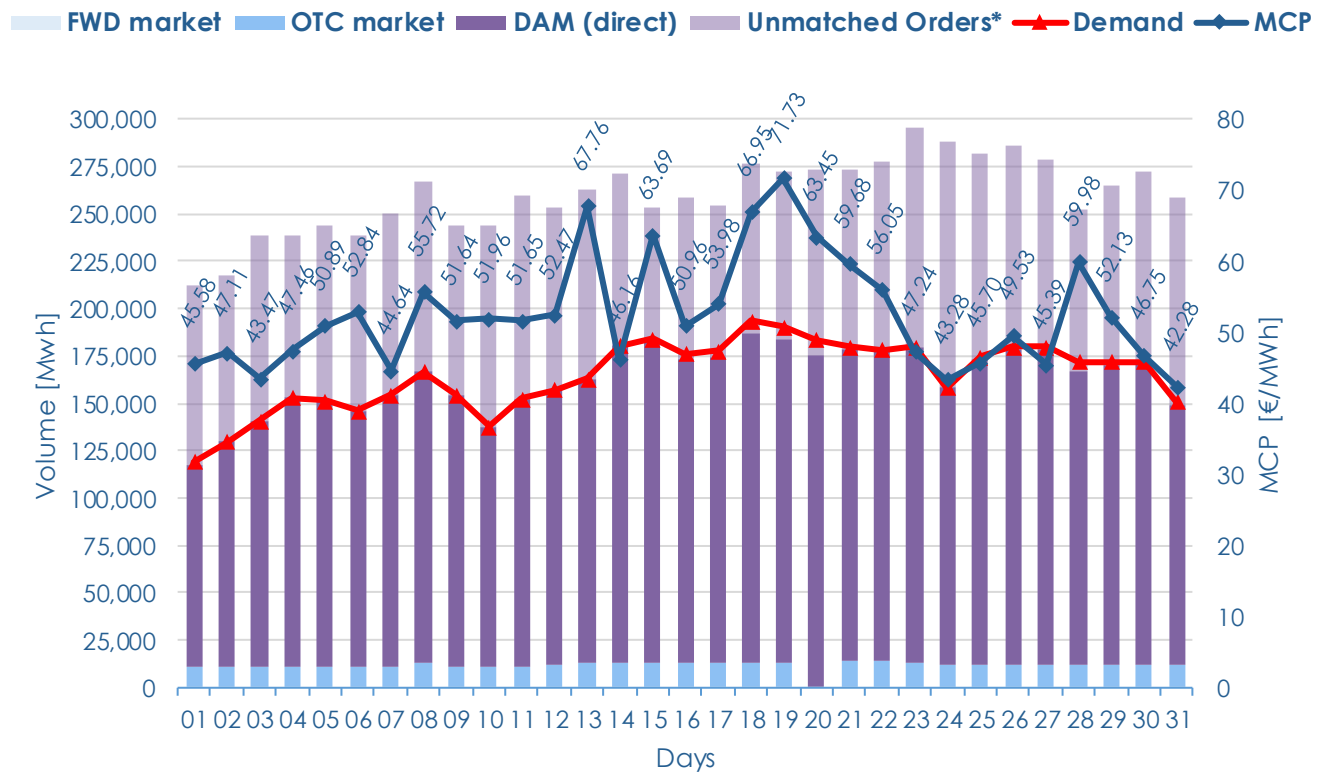
Buy Side



	PPT	HBD	BLK	CPL
Amount	18536	25000	14696	151
Volume [GWh]	2328	944	1789	48

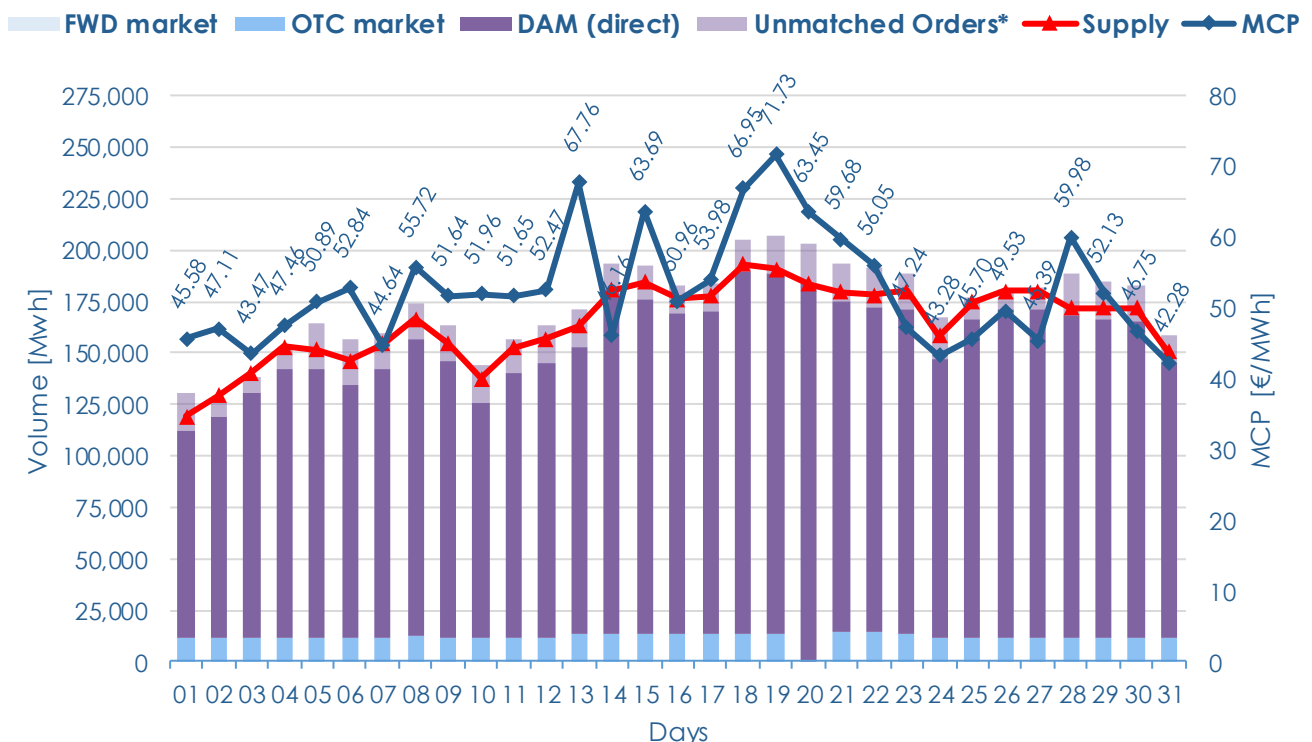
	PPT	HBD	CPL
Amount	5966	60085	569
Volume [GWh]	542	4322	244

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



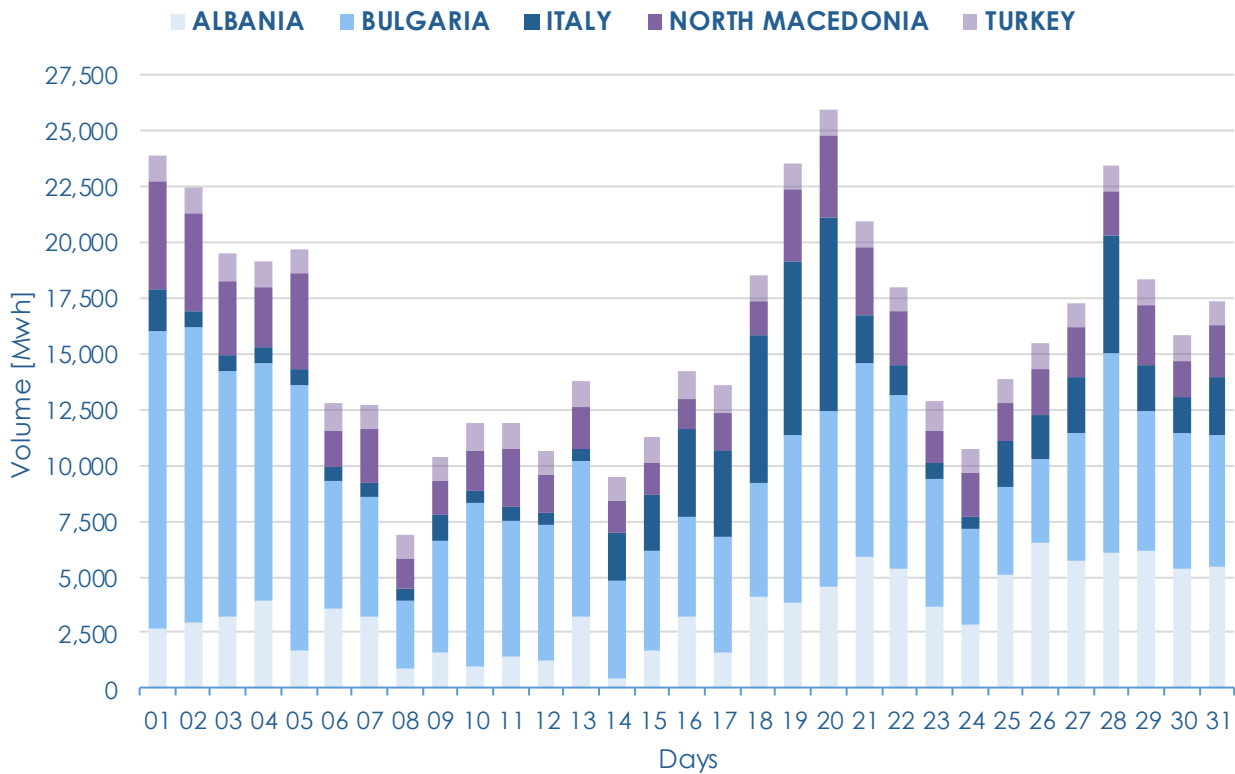
*The unmatched orders include all sell orders that have not been included in the algorithm (excluding block orders)

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

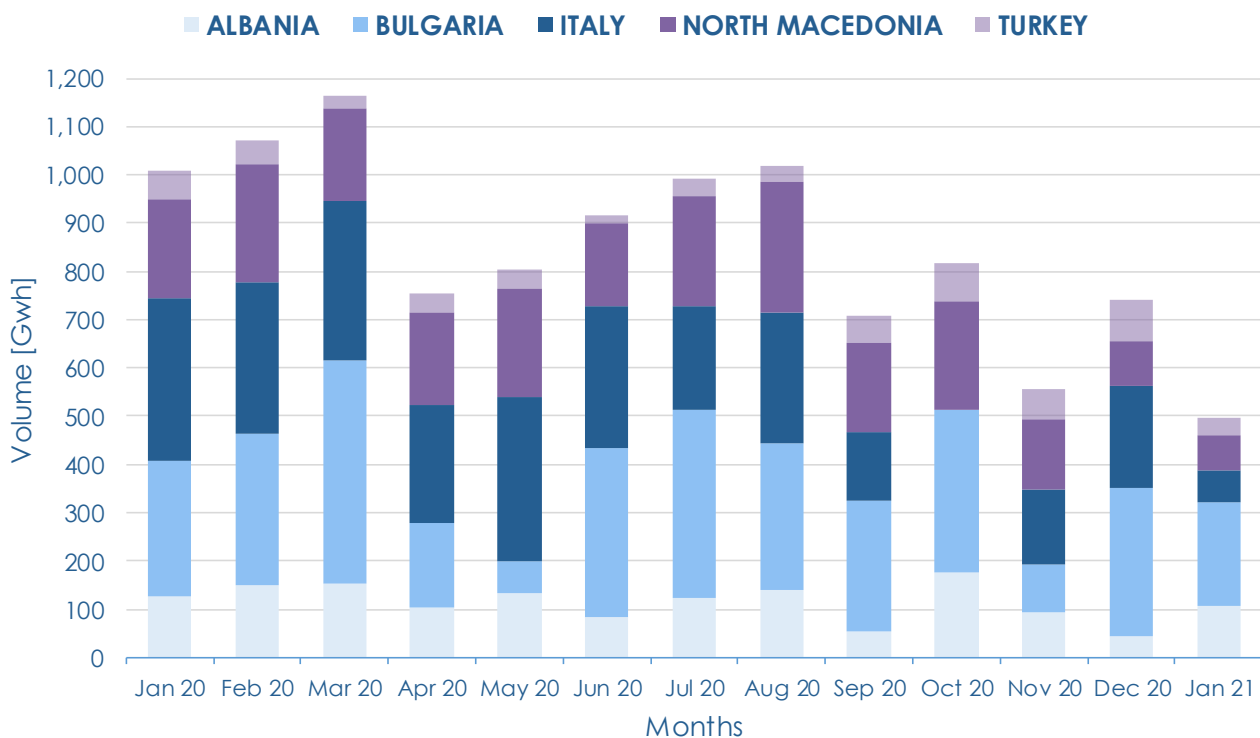


*The unmatched orders include all buy orders that have not been included in the algorithm

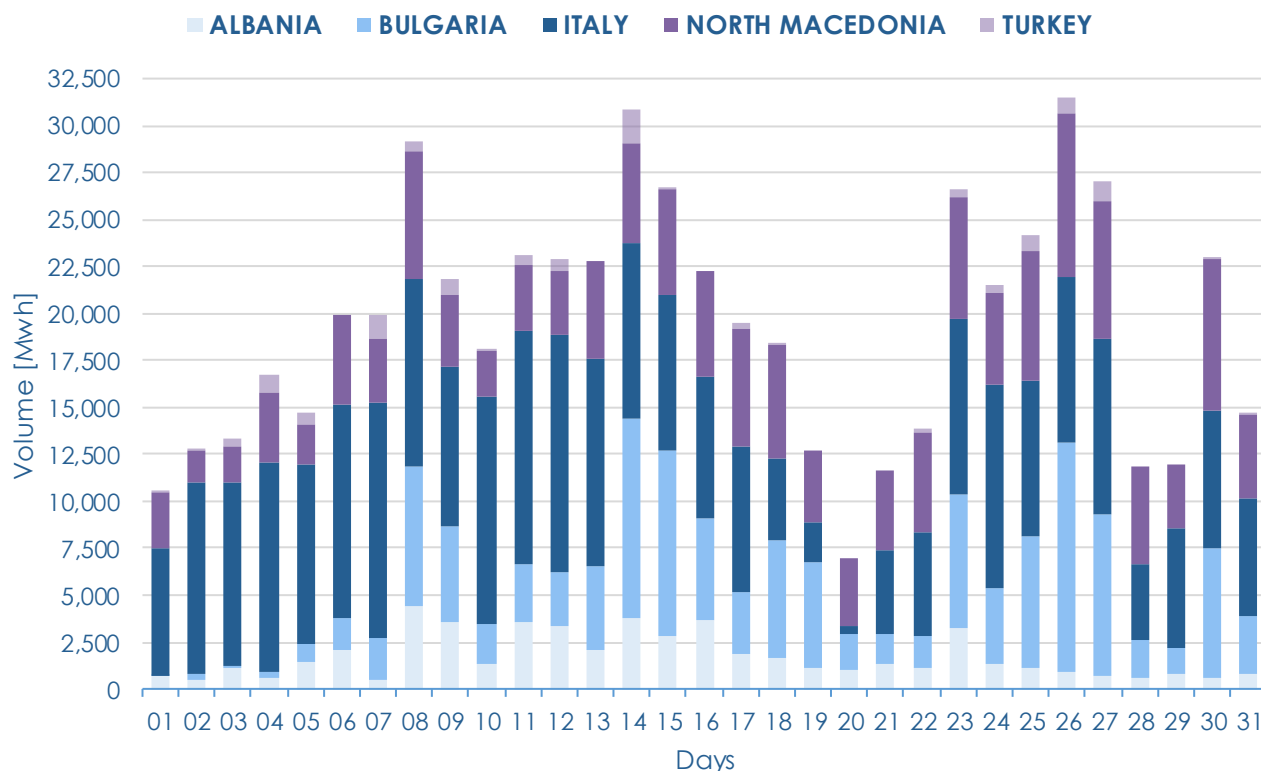
1.15. Cross Border volume · Imports per day



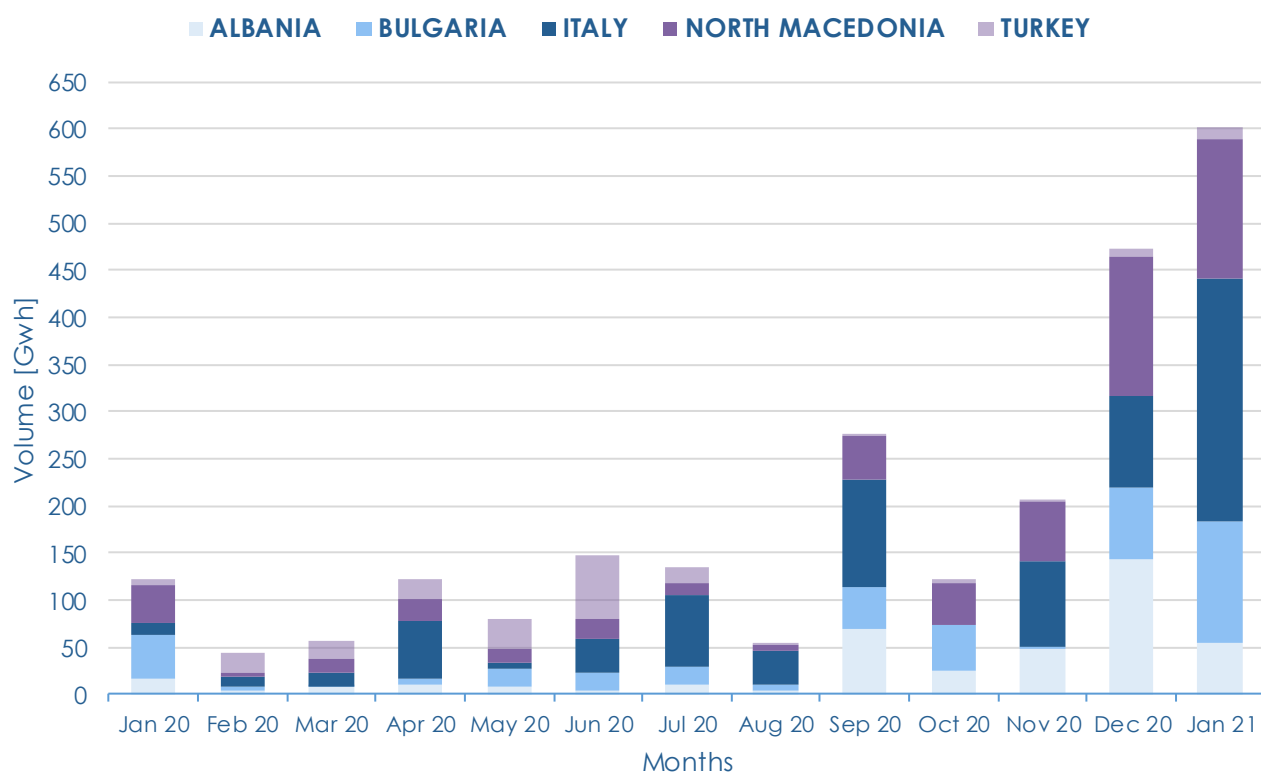
1.16. Cross Border Volume · Imports per month



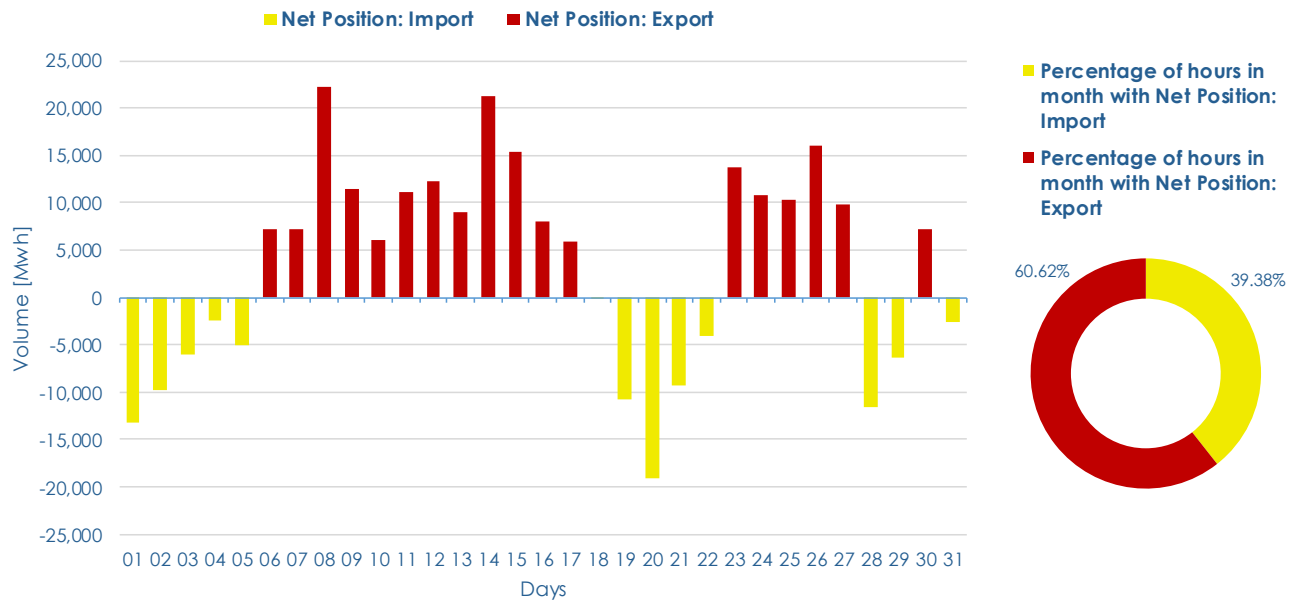
1.17. Cross Border volume · Exports per day



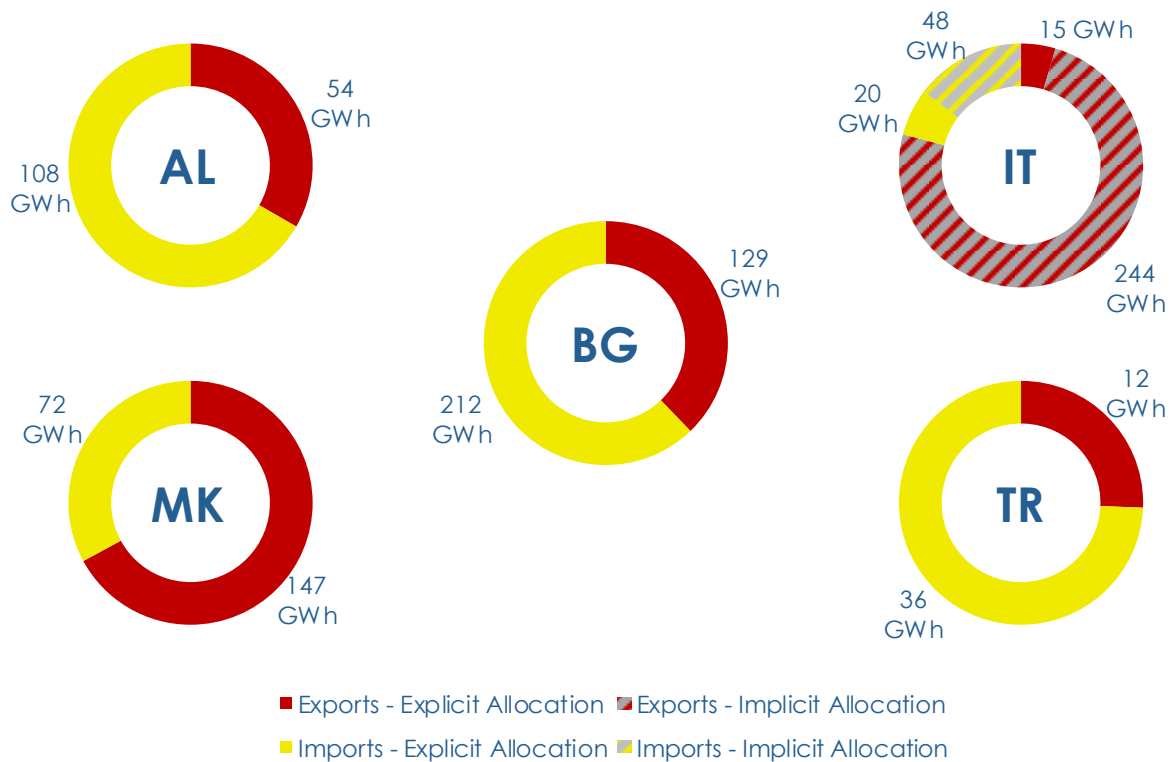
1.18. Cross Border Volume · Exports per month



1.19. Net position of all cross border flows



1.20. Cross Border Volumes per Border

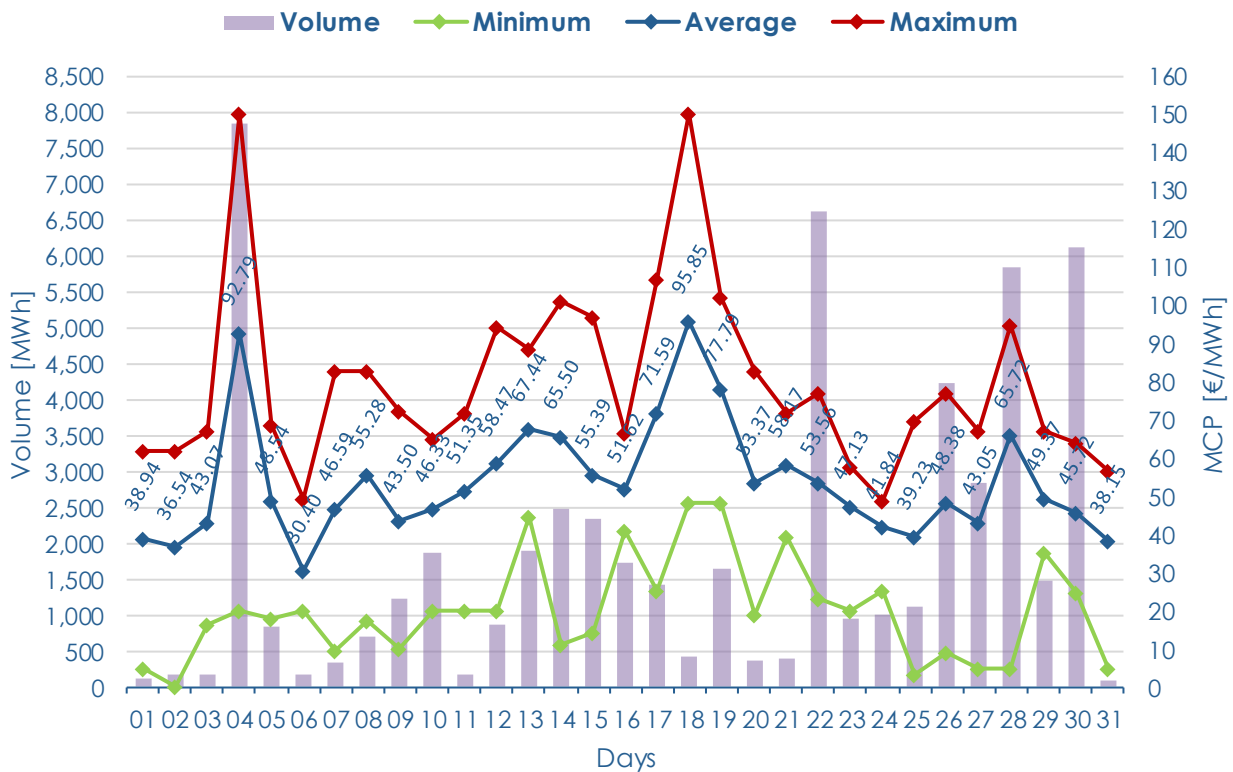


2. IDM

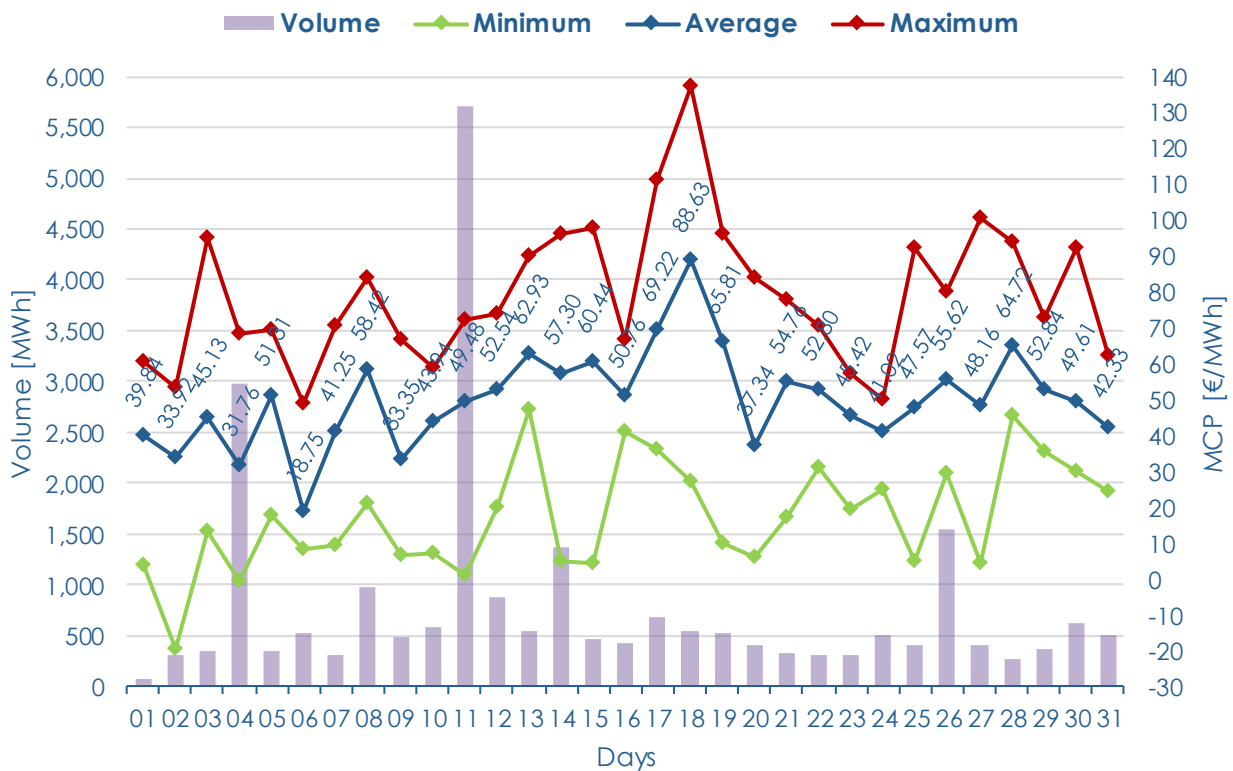
Market Clearing Prices (MCP)

Volumes, technologies and order types

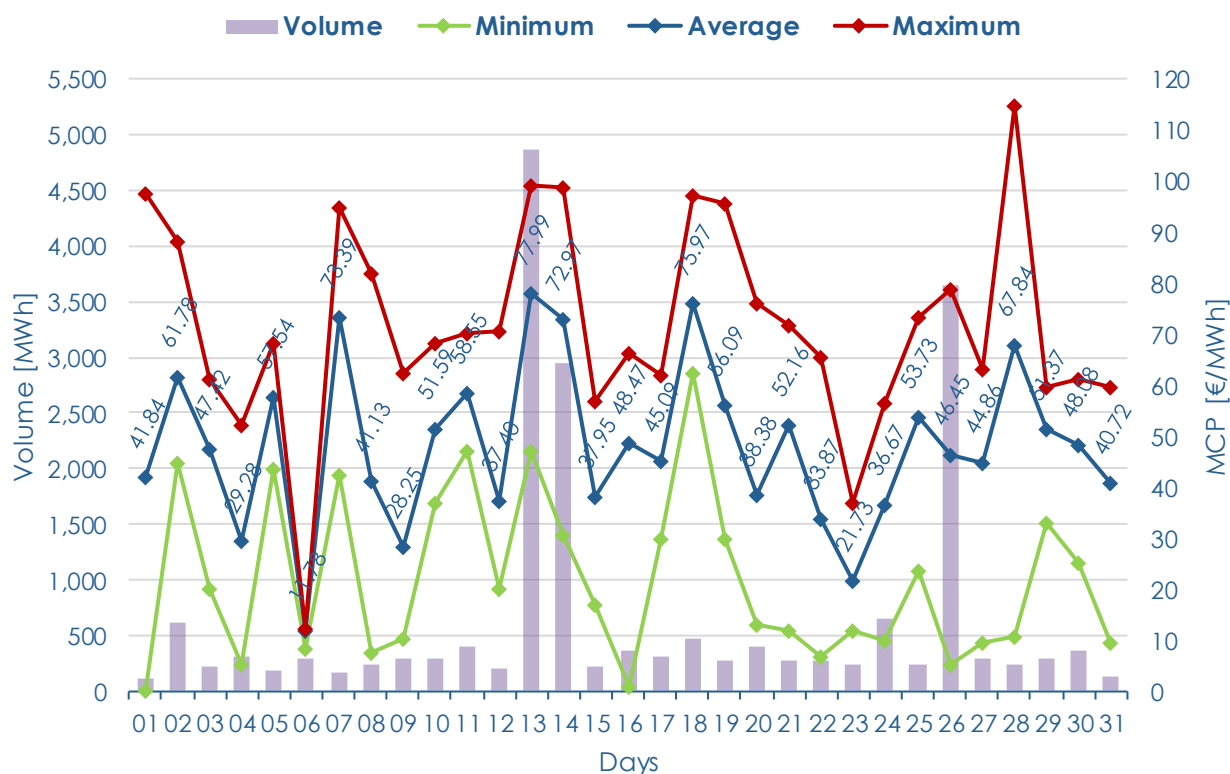
2.1. Daily MCP and volume · LIDA1



2.2. Daily MCP and volume · LIDA2



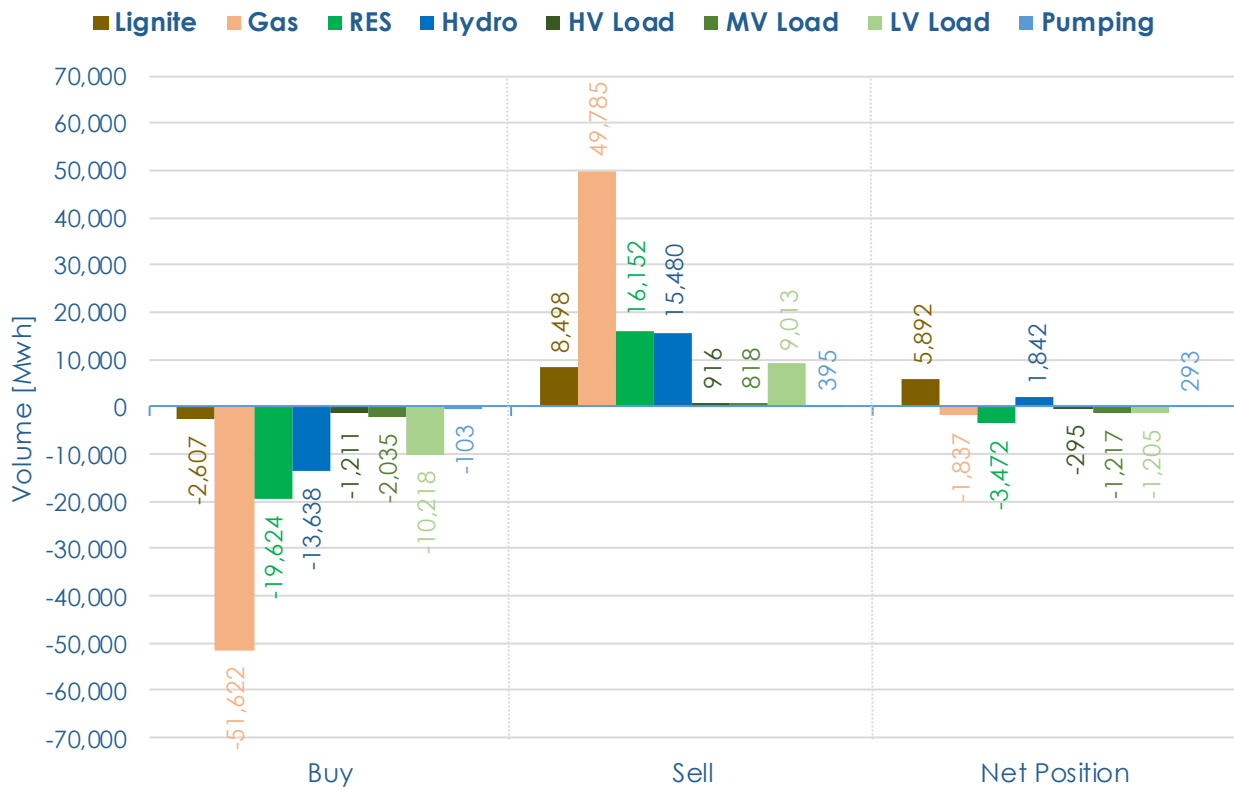
2.3. Daily MCP and volume · LIDA3



2.4. Table with MCP and volume

		Year	2020	2020	2021
		Month	Nov	Dec	Jan
LIDA1	Price [€/MWh]	min	5.10	-1.20	0.00
		avg	53.21	60.26	53.57
		max	160.00	180.00	150.00
	Volume [MWh]		49,949	50,768	57,322
LIDA2	Price [€/MWh]	min	16.34	-10.00	-19.92
		avg	51.84	59.09	49.90
		max	143.45	238.33	137.16
	Volume [MWh]		20,325	22,673	23,941
LIDA3	Price [€/MWh]	min	0	-16.09	0.01
		avg	56.03	54.98	48.07
		max	350.00	250.00	115.00
	Volume [MWh]		12,151	10,043	19,794

2.5. Volume mix per side and net position for IDM



3. DAM & IDM · Aggregated Overview

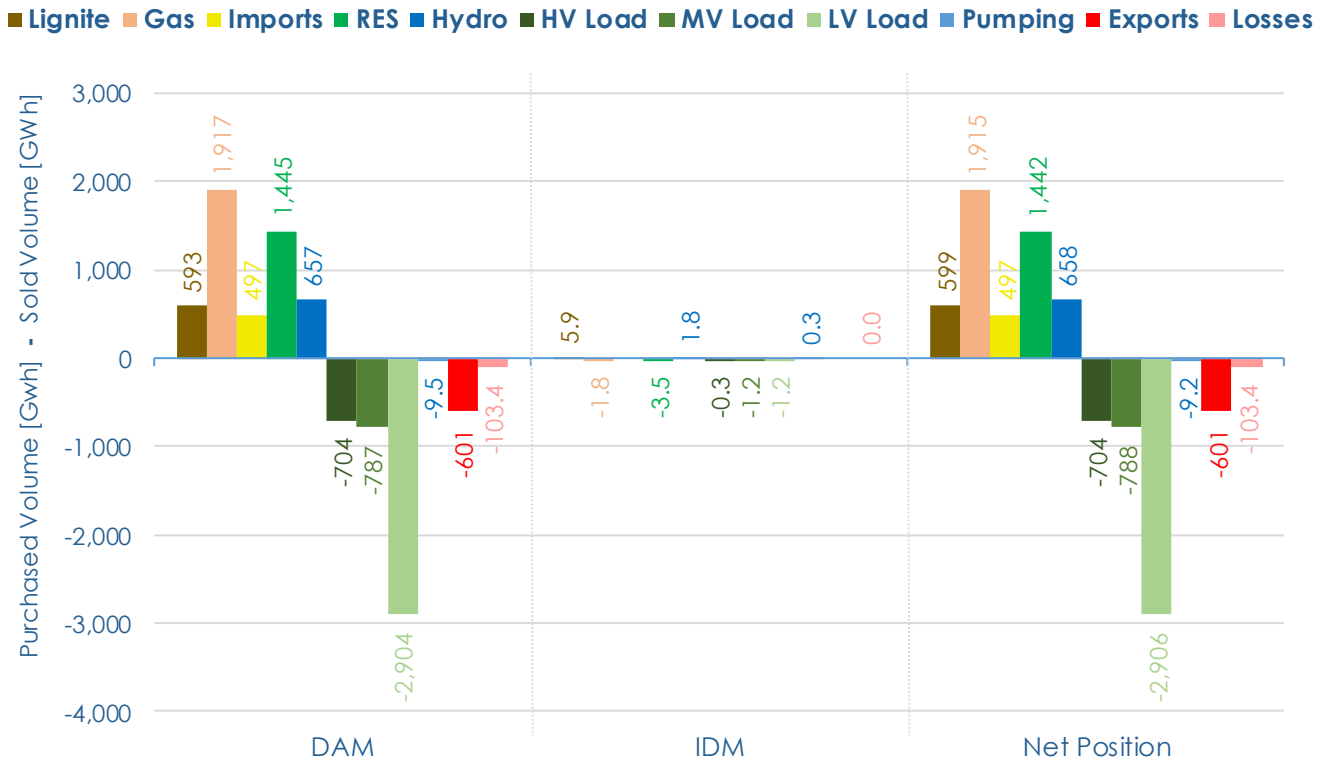
Final Market Schedules

Domestic Production

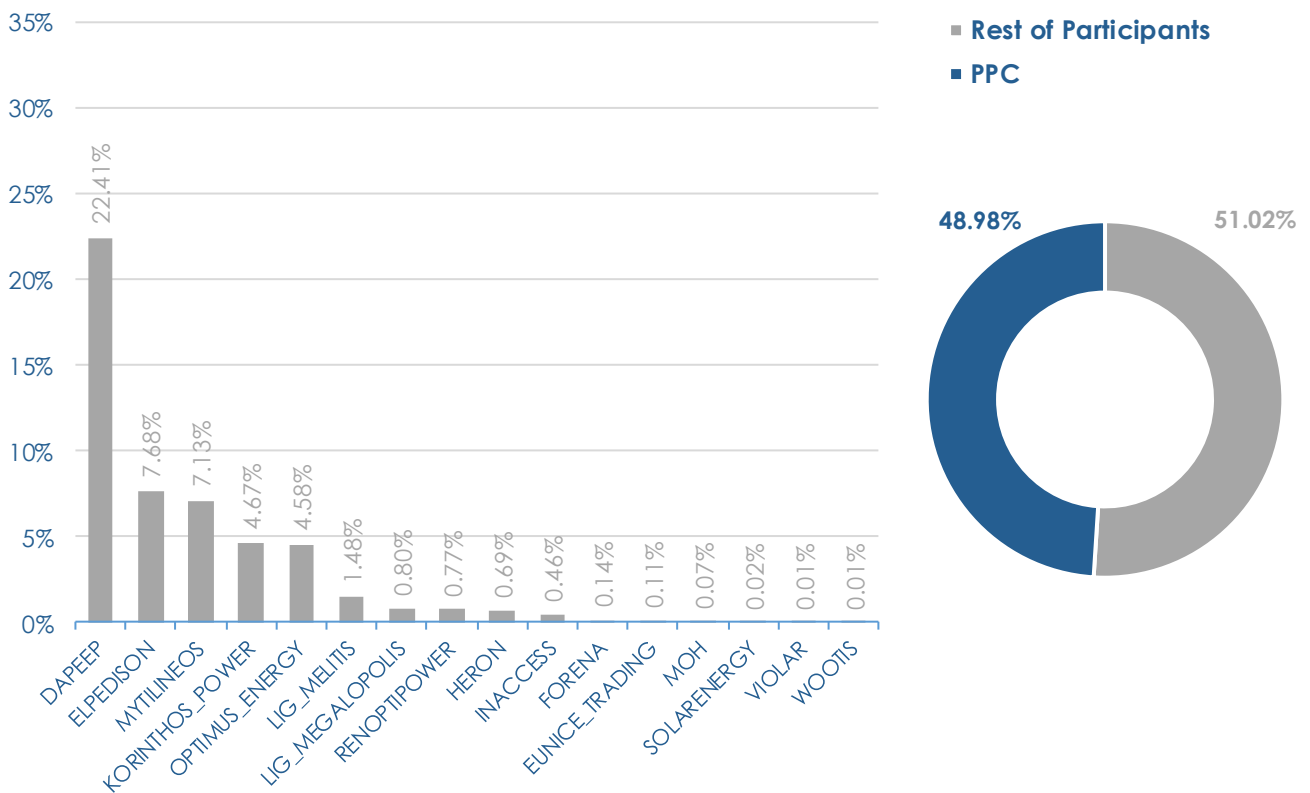
Domestic Consumption

Domestic Consumption per Voltage level

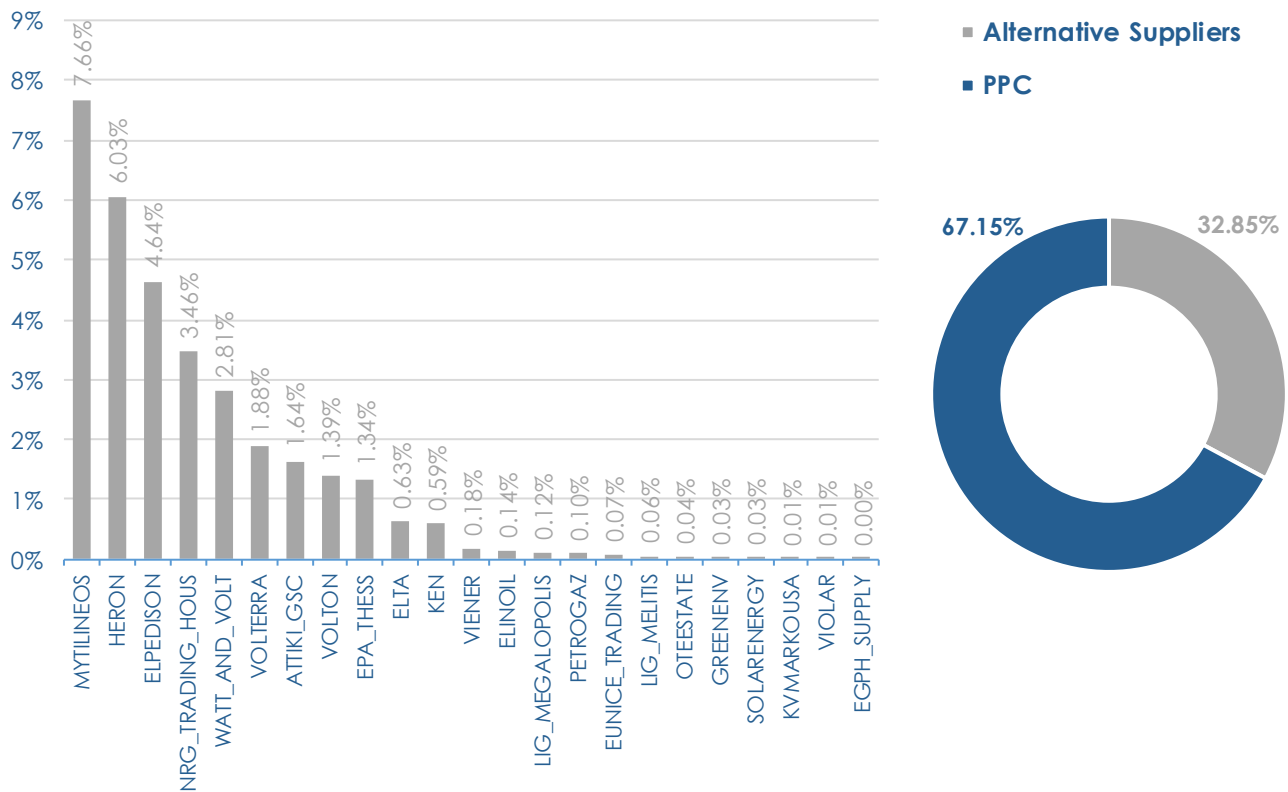
3.1. Market Schedules



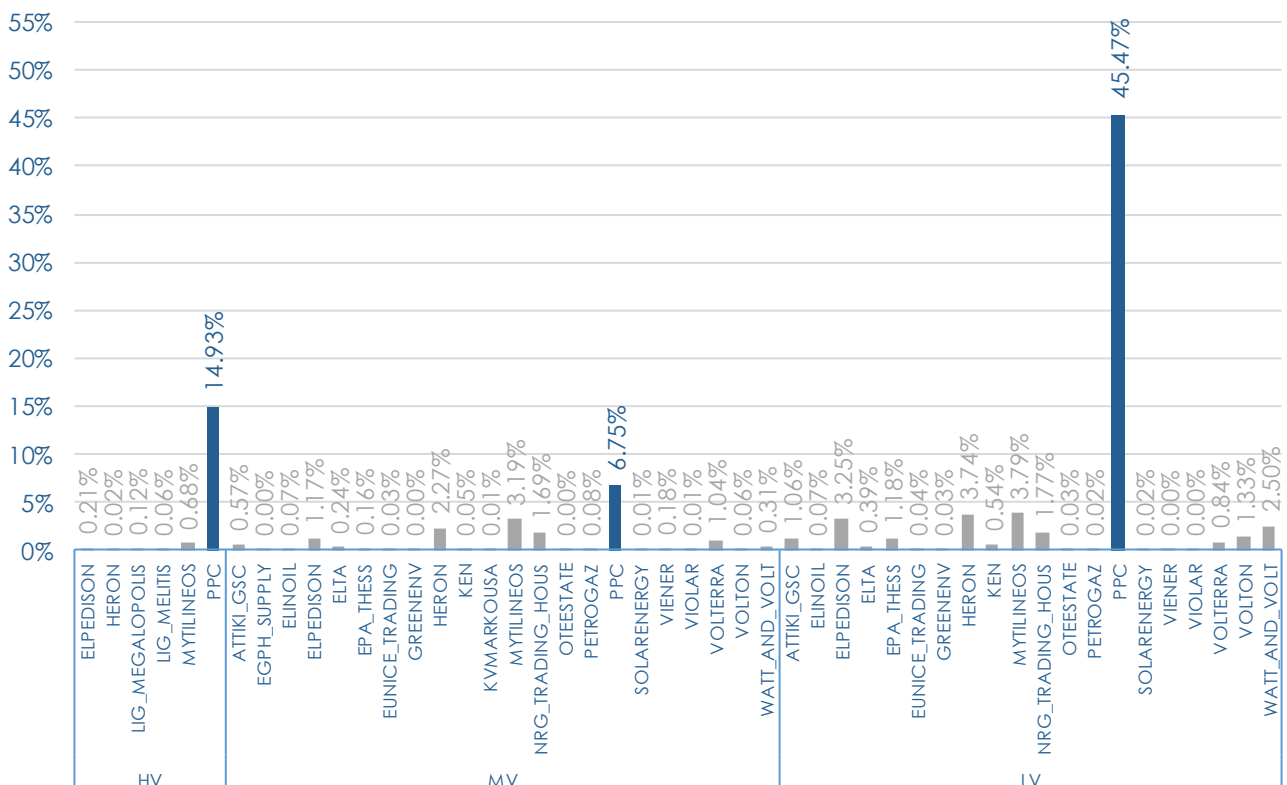
3.2. Final Market Schedule shares for production units per Market Participant



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



3.4. 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, the total market value for DAM in page 4, has been amended.