



# Monthly Report · February 2021




## Day Ahead & Intraday Electricity Markets – Greek Bidding Zone

## GENERAL TERMS AND CONDITIONS OF DATA USE

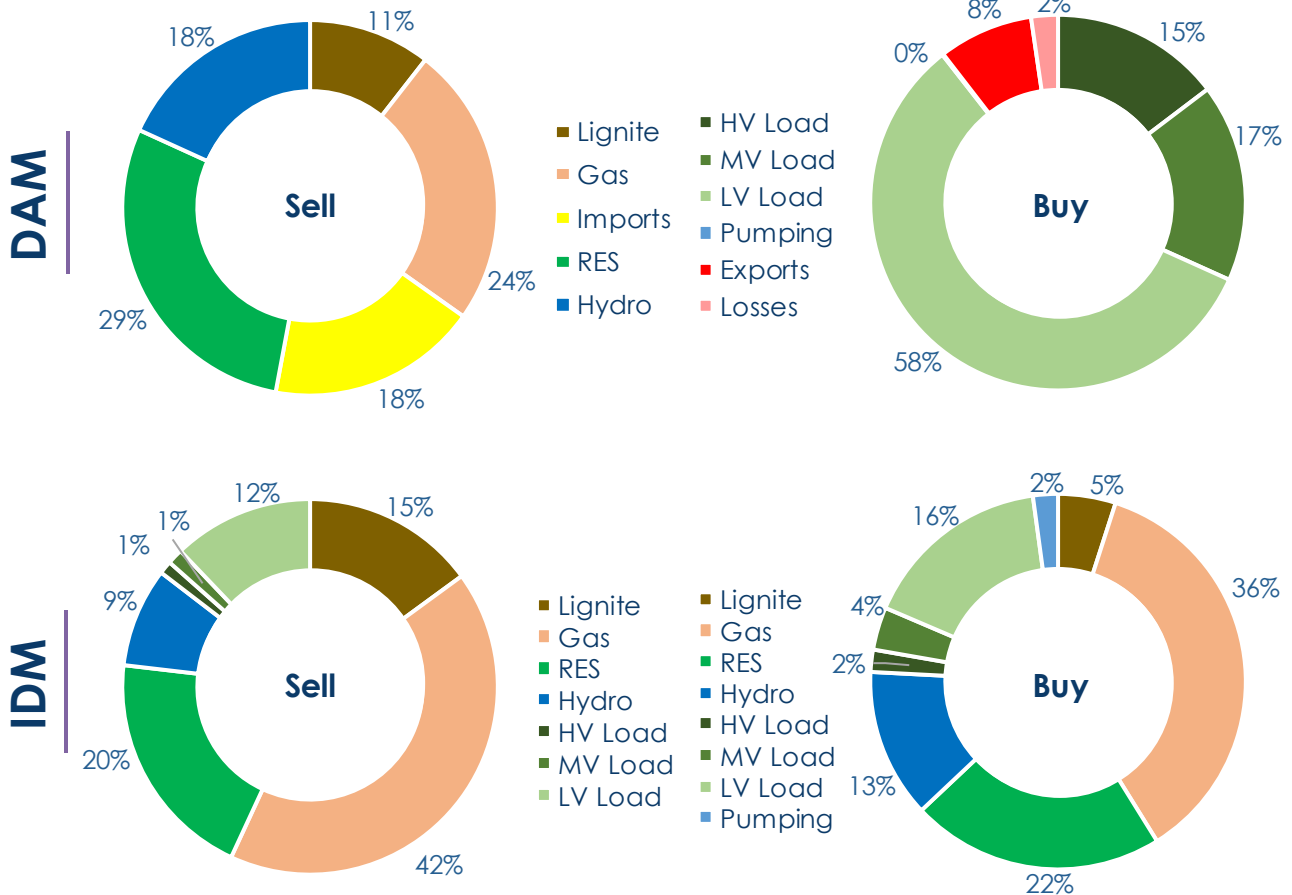
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## Summary

	Feb21 Jan21 Feb20	DAM	LIDA1	LIDA2	LIDA3
 Price	€/MWh	50.36 52.52 49.20	50.67 53.57	54.32 49.90	54.52 48.07
 Volume	GWh	4,411 5,109 4,120	52.3 57.3	14.1 23.9	13.5 19.8
 Value	M €	229.4 278.1 202.1	3.11 3.32	0.75 1.18	0.78 1.19

## Volume Mix



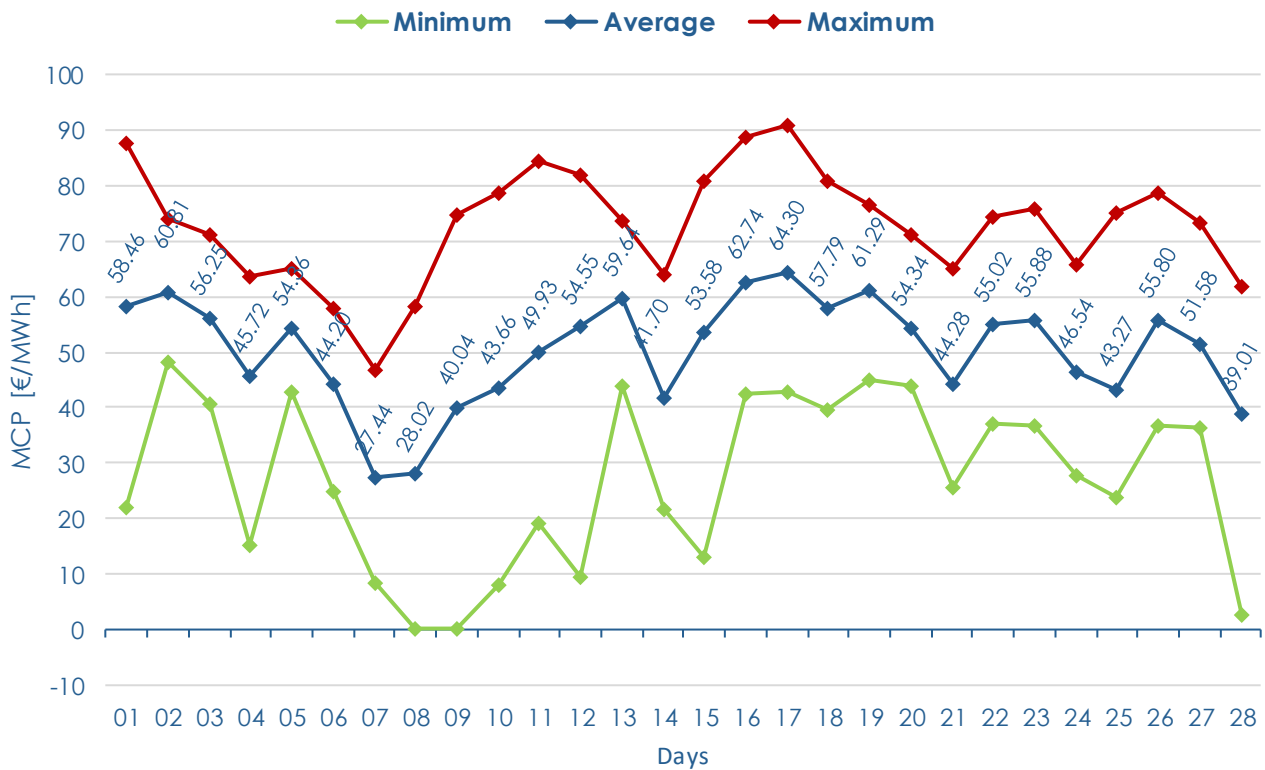
# 1. DAM

**Market Clearing Price (MCP)**

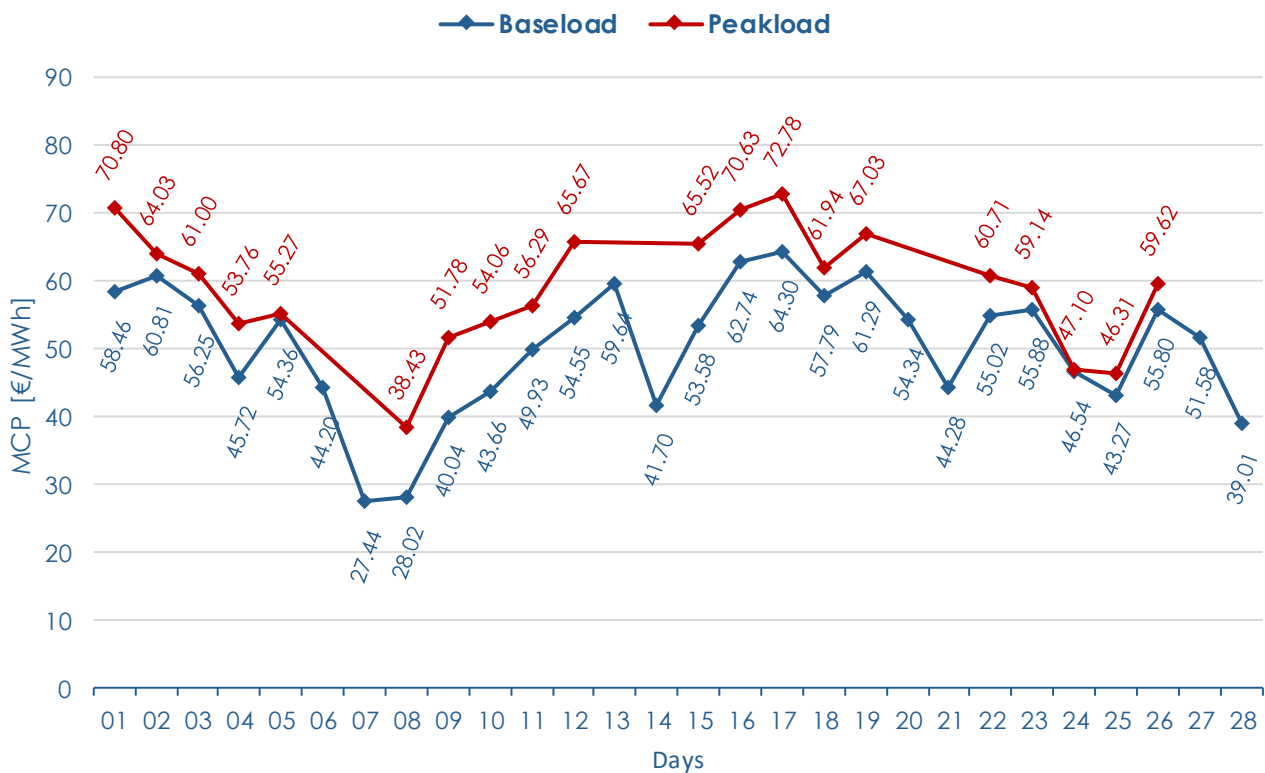
**Volumes, technologies and order types**

**Interconnections**

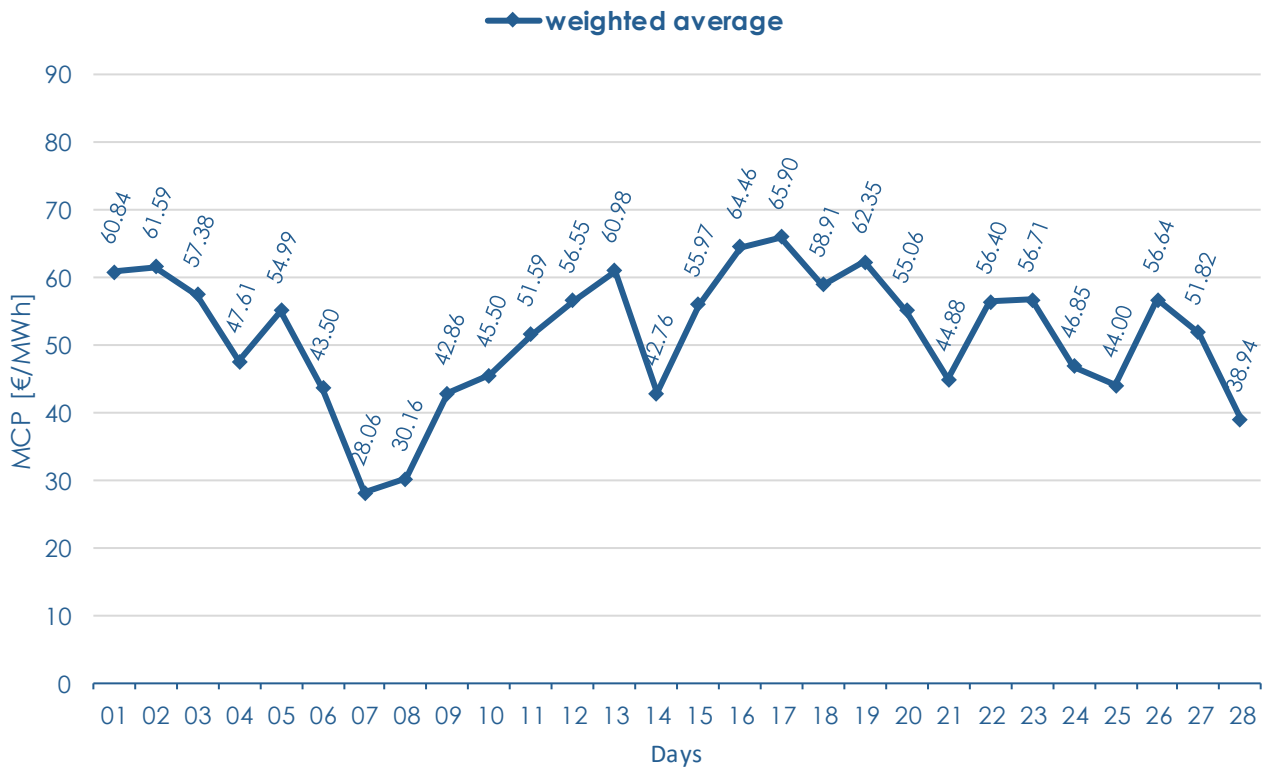
## 1.1. Daily MCP data of GR BZ



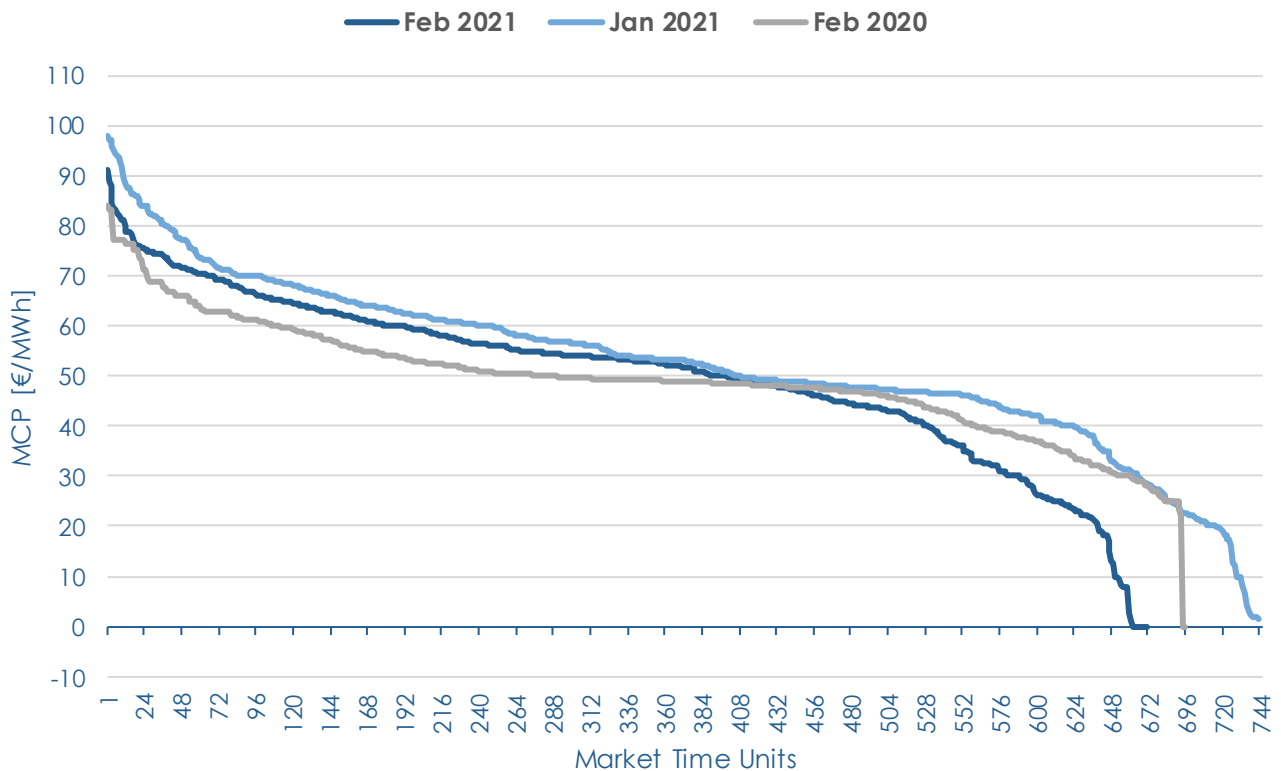
## 1.2. Daily average prices



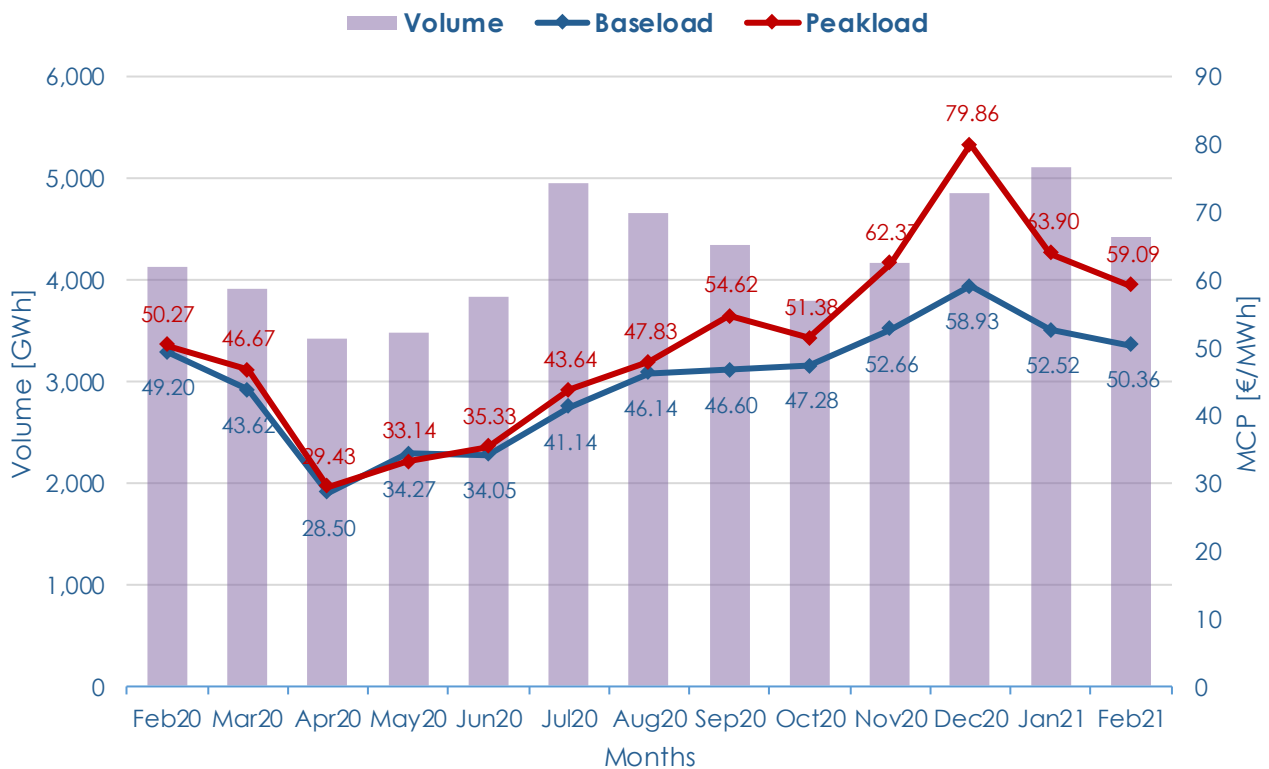
### 1.3. Daily weighted average baseload price



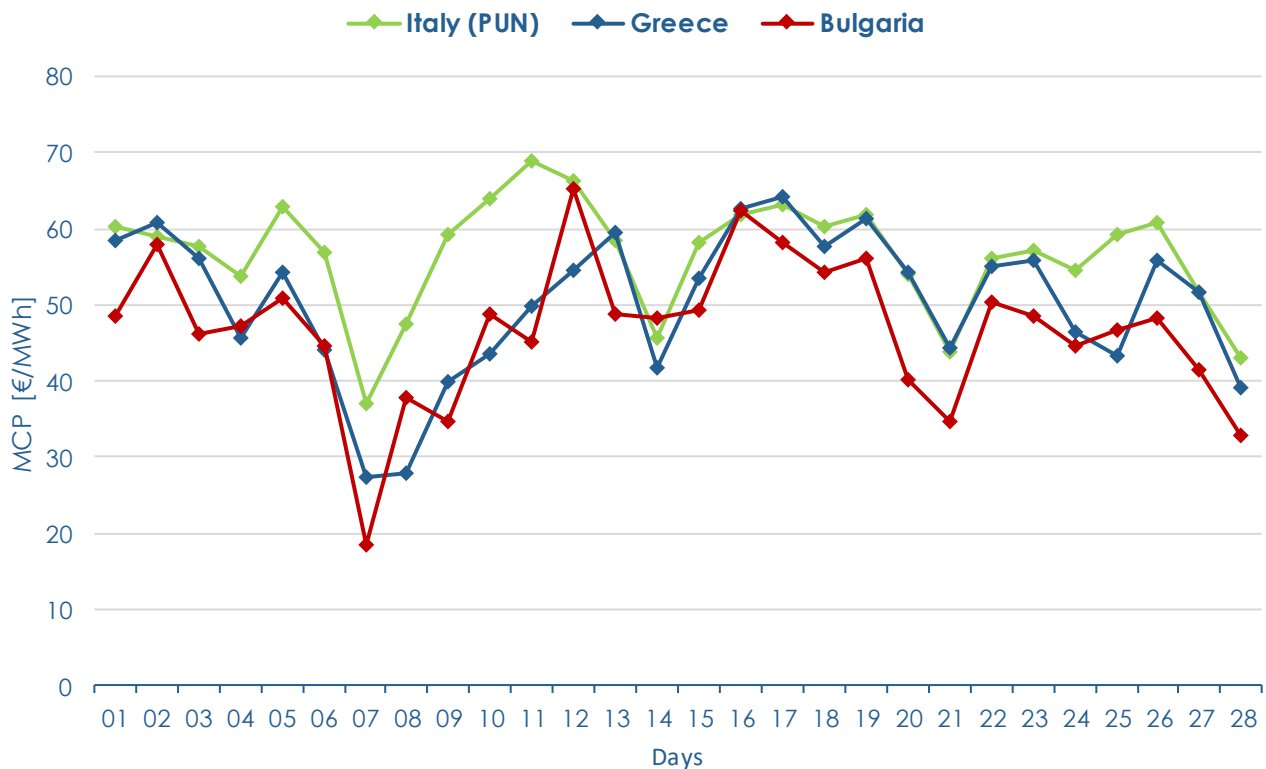
### 1.4. MCP duration curve



## 1.5. Monthly volume and average prices

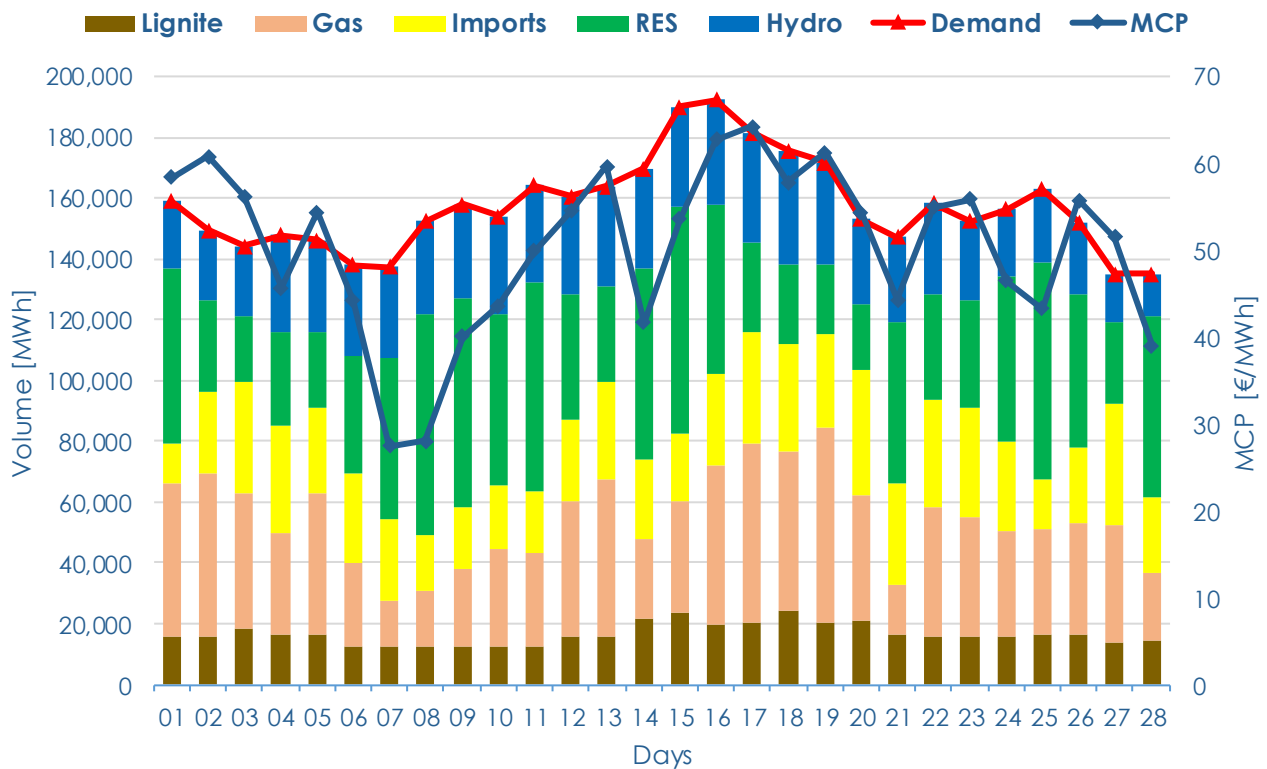


## 1.6. Daily average MCP of GR, IT, BG

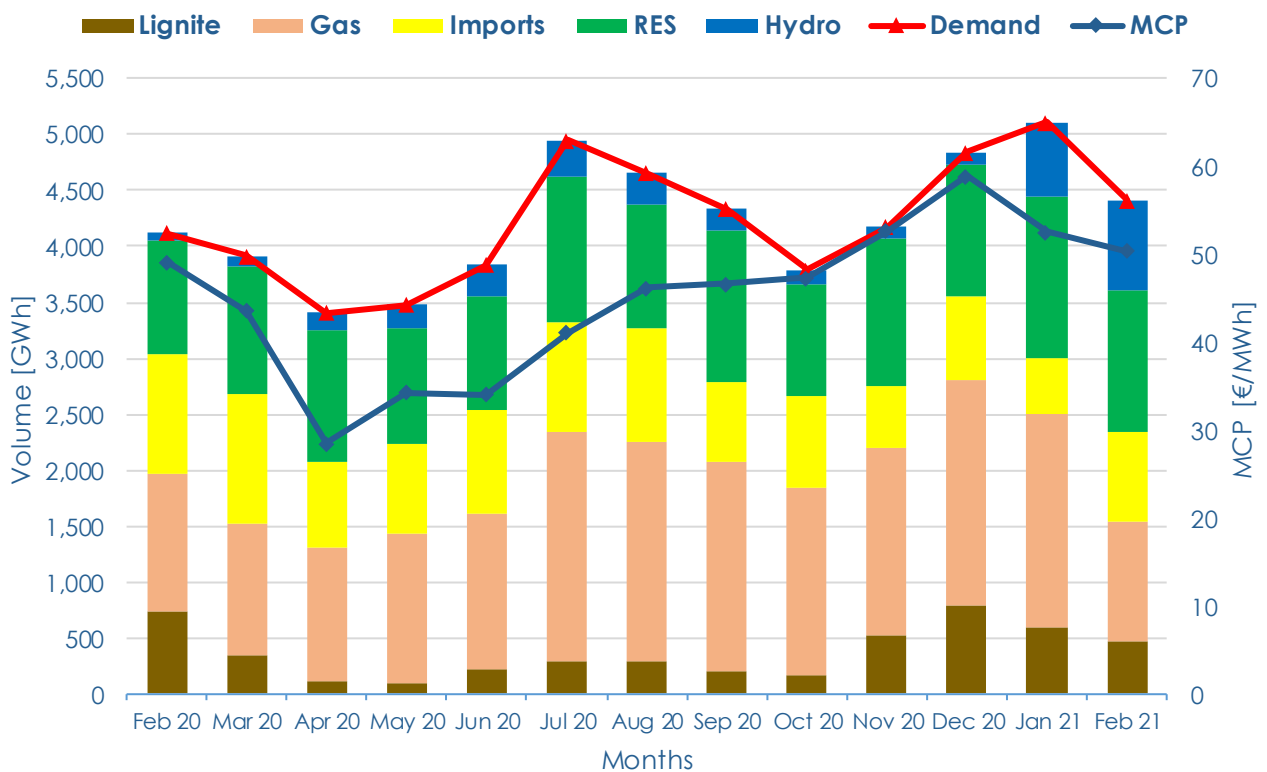




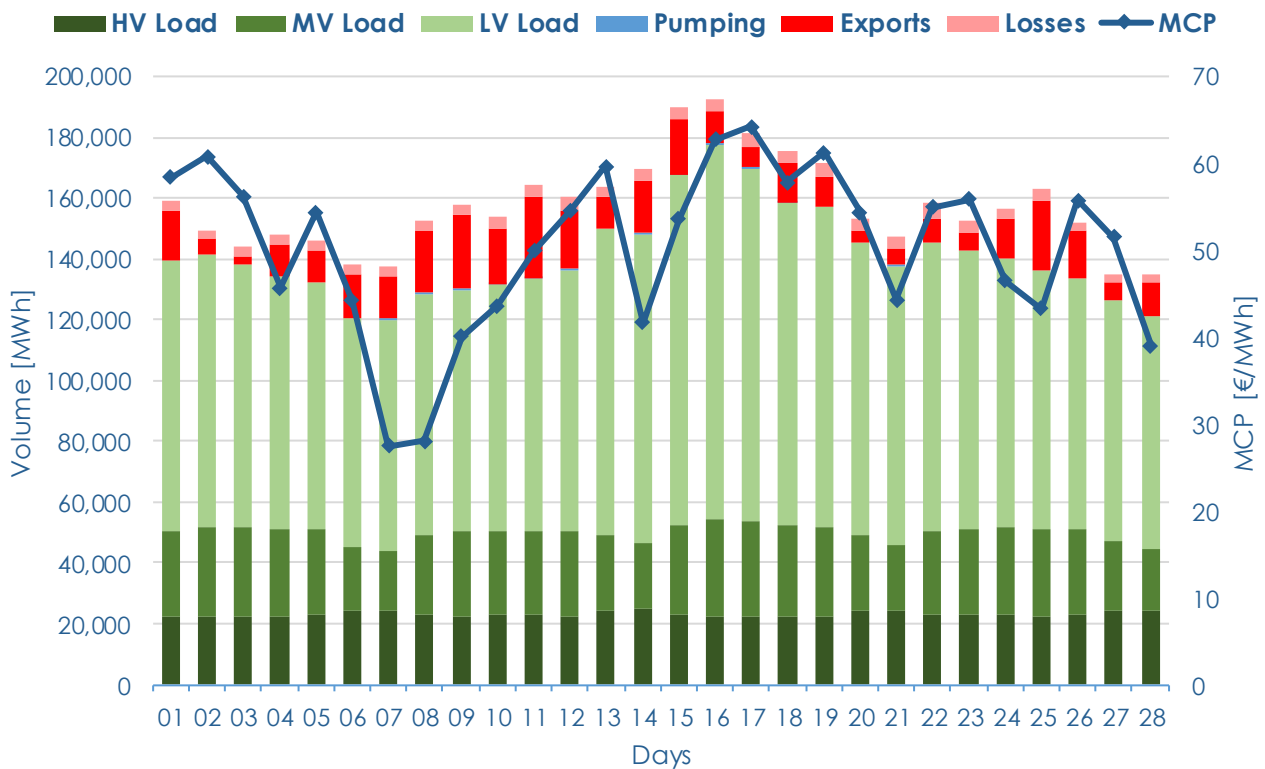
## 1.7. Volume mix of sell side per day



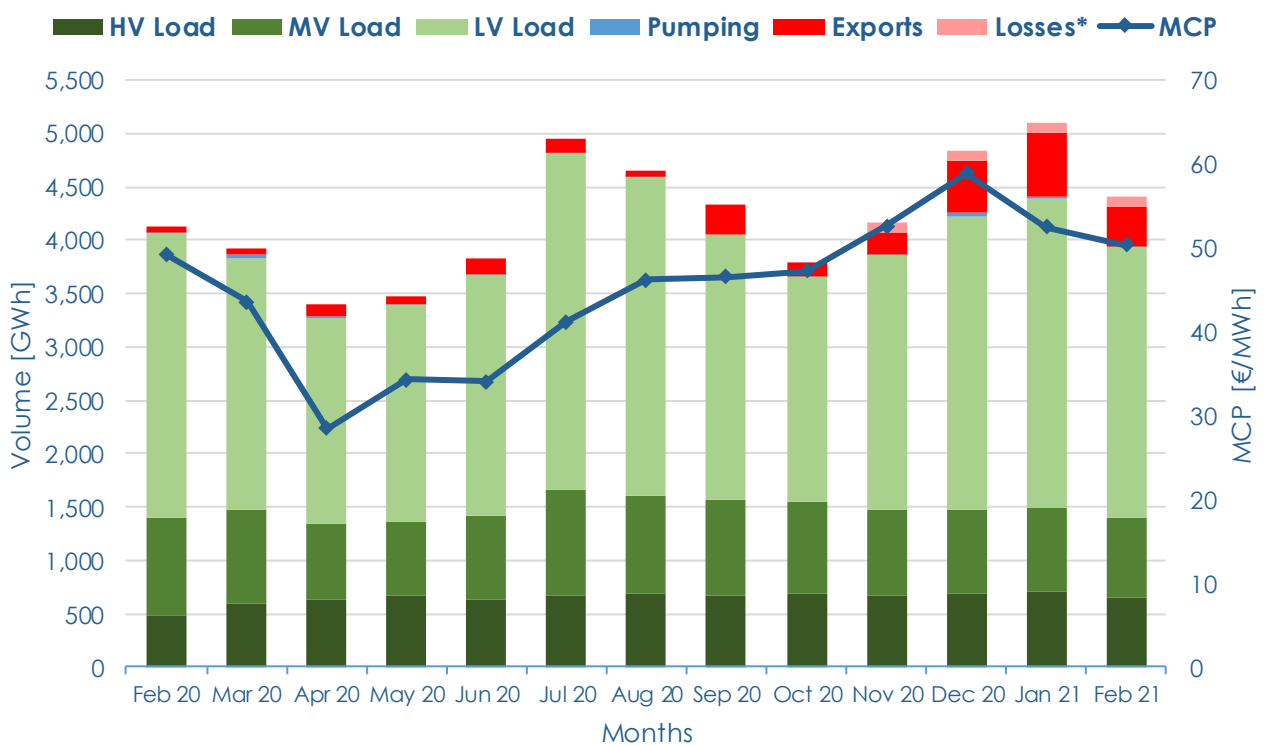
## 1.8. Volume mix of sell side per month



## 1.9. Volume mix of buy side per day



## 1.10. Volume mix of buy side per month



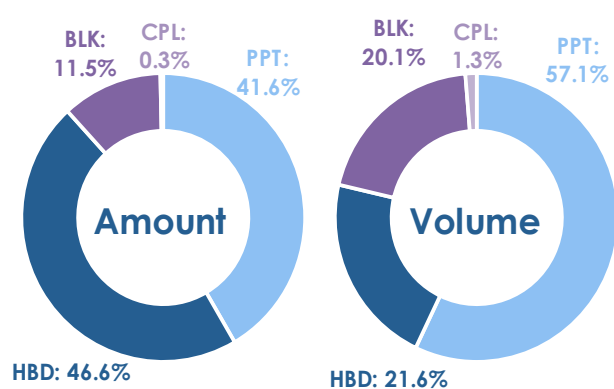
\*Data for losses are considered from November 2020.

## 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	February	0.00	49.20	84.02	50.27	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
	February	-0.01	50.36 📉 -4%	90.96	59.09 📉 -8%	4,410.7

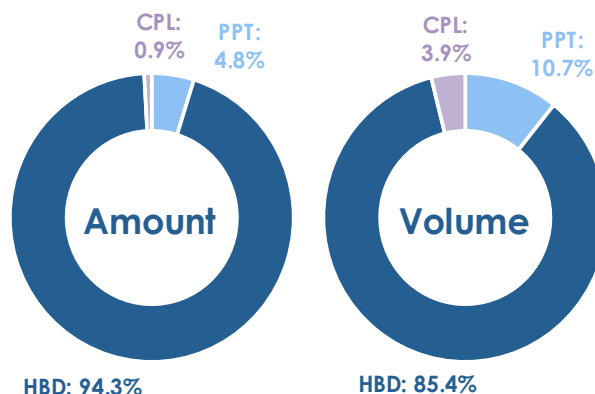
## 1.12. Trades per Order type

### Sell Side



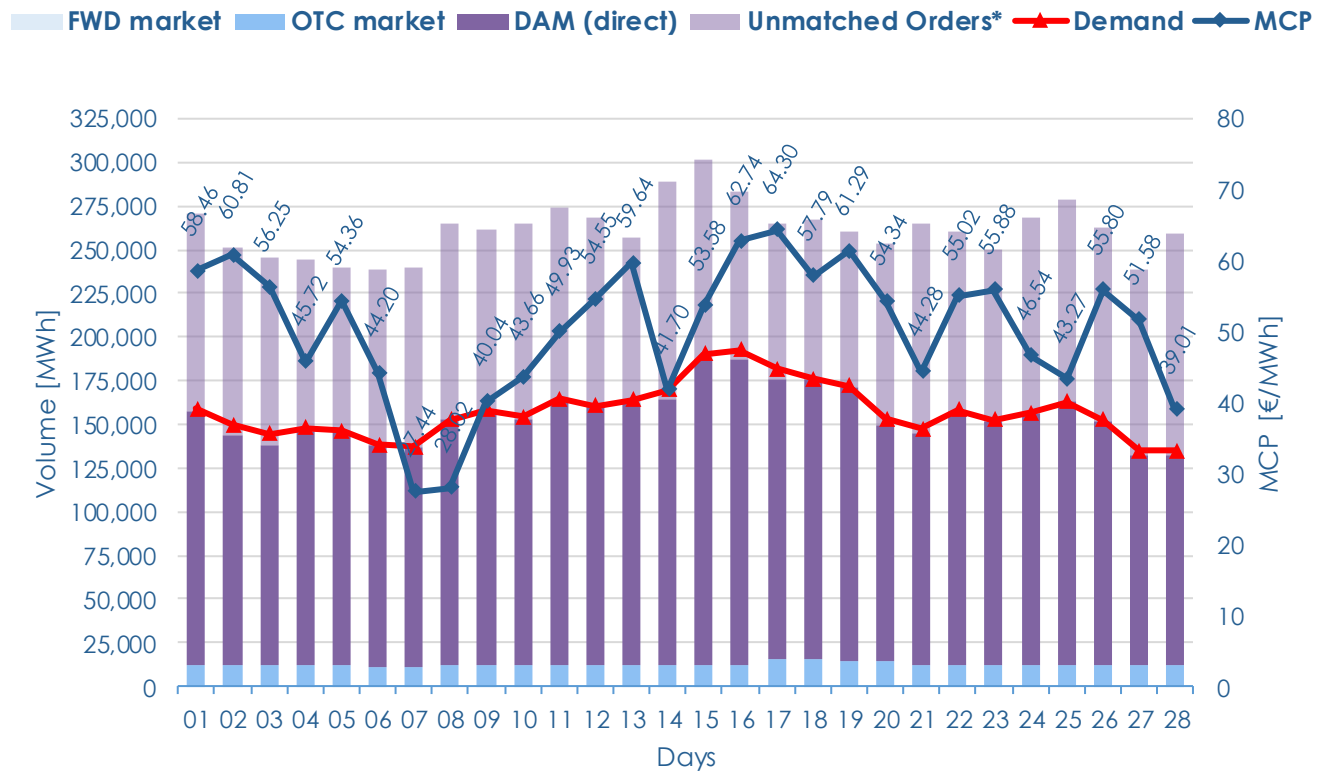
	PPT	HBD	BLK	CPL
Amount	24836	27822	6854	196
Volume [GWh]	2518	952	885	57

### Buy Side



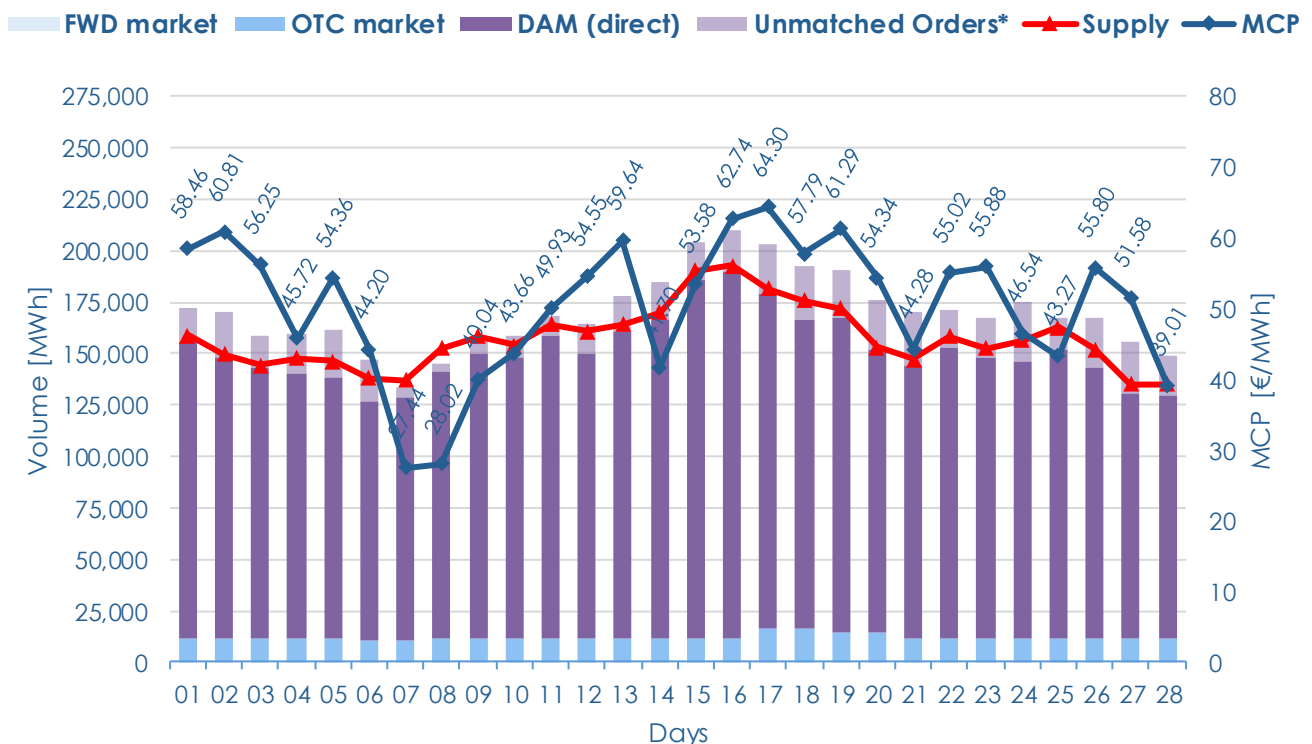
	PPT	HBD	CPL
Amount	2661	52226	472
Volume [GWh]	474	3766	170

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



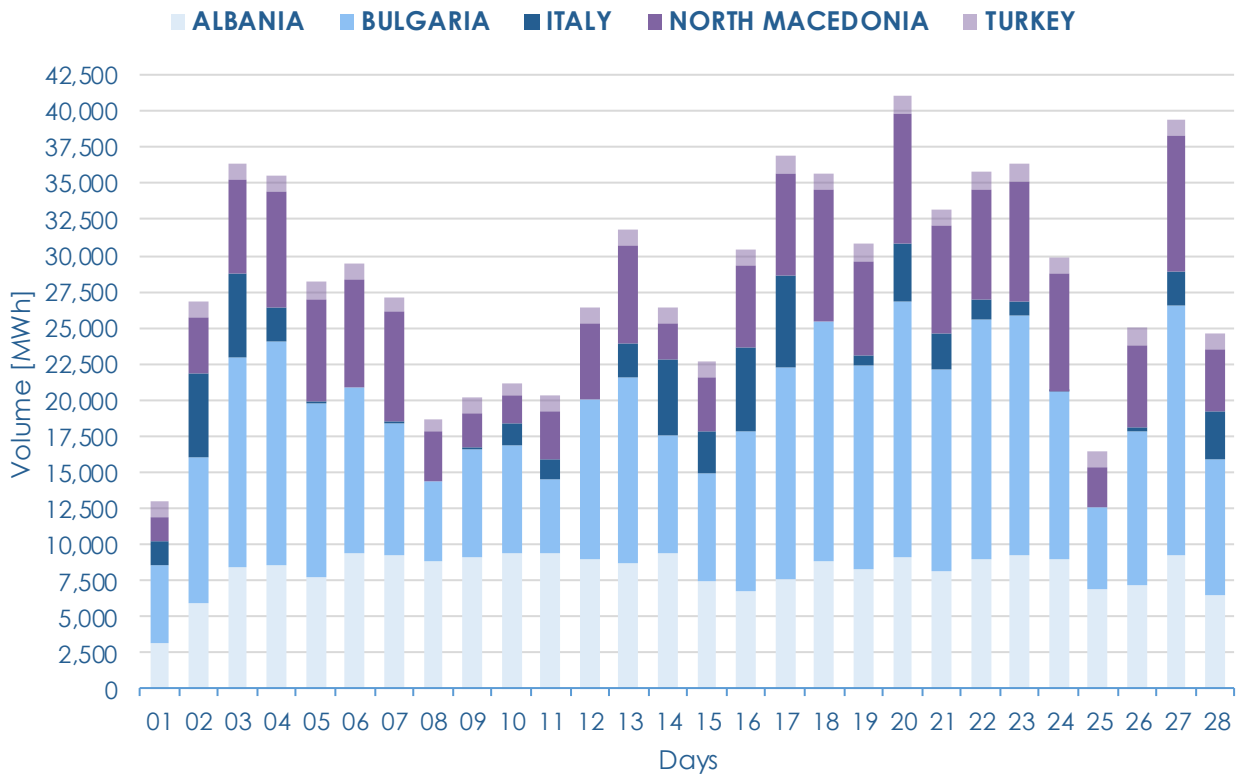
\*The unmatched orders include all sell orders that have not been included in the algorithm (excluding block orders)

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

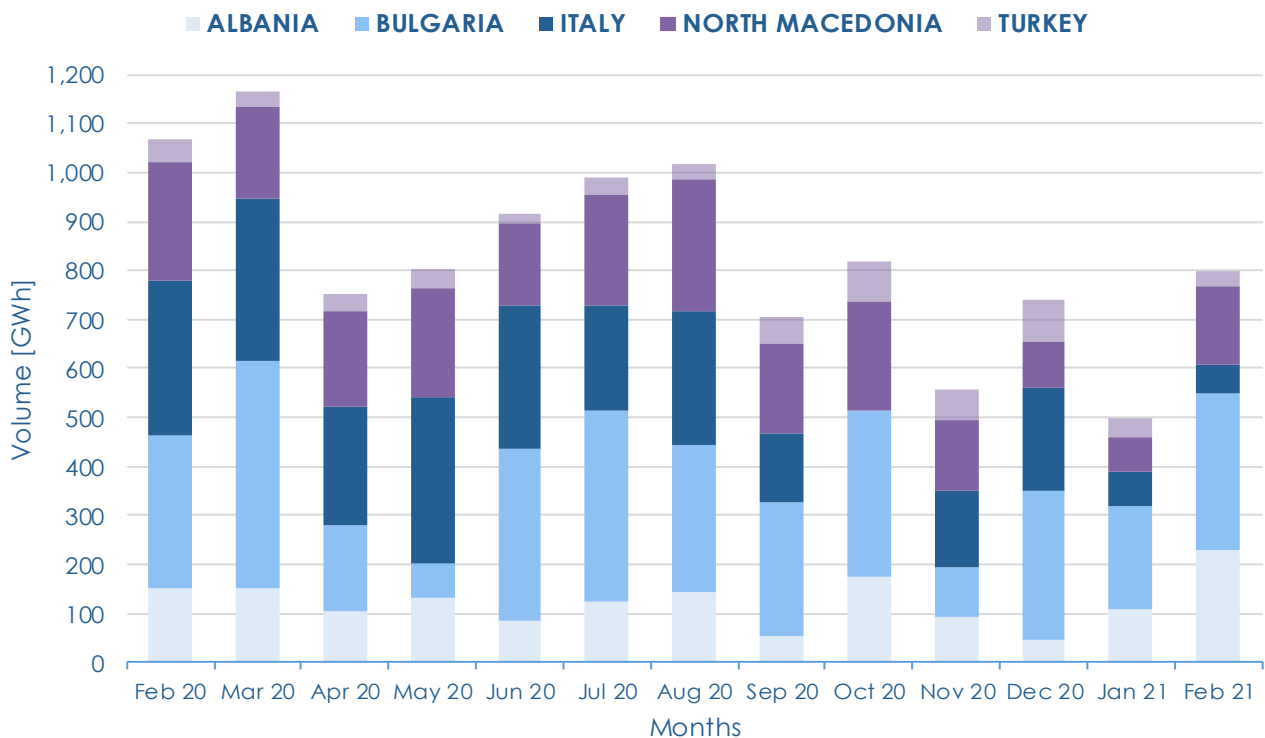


\*The unmatched orders include all buy orders that have not been included in the algorithm

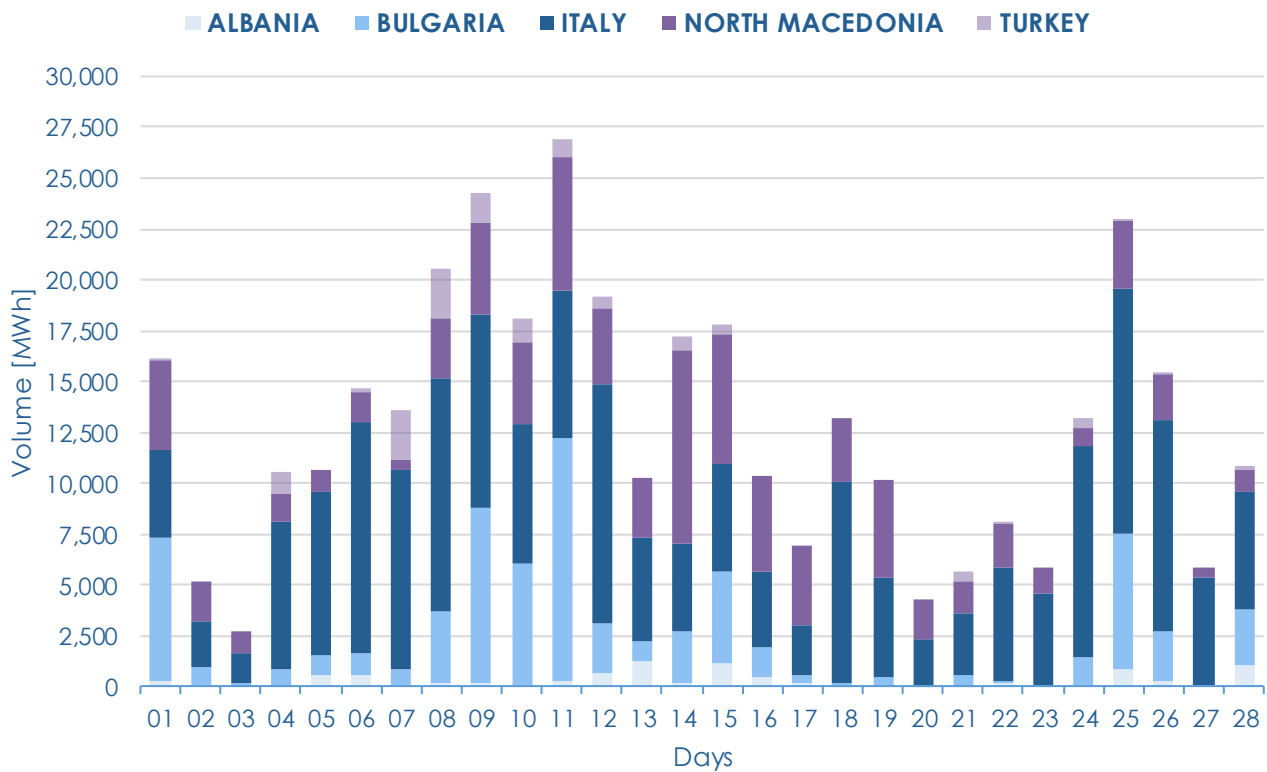
### 1.15. Cross Border volume · Imports per day



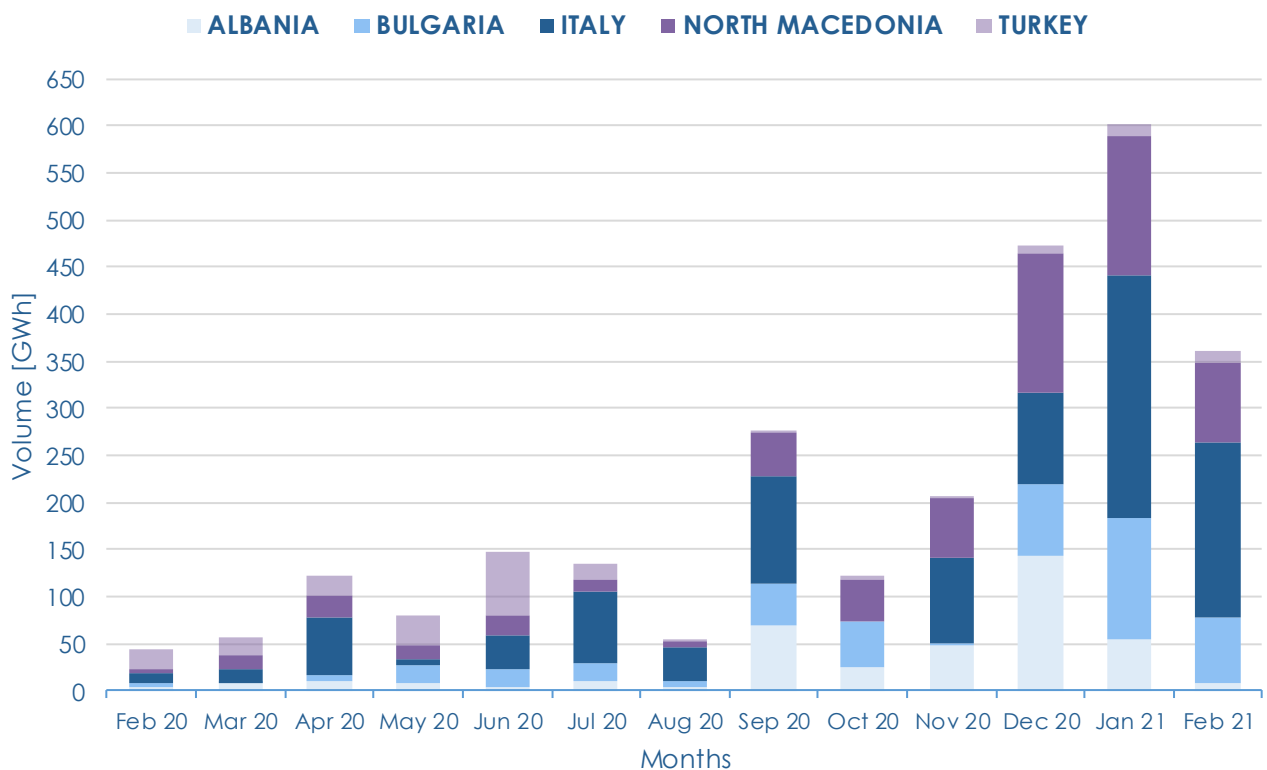
### 1.16. Cross Border Volume · Imports per month



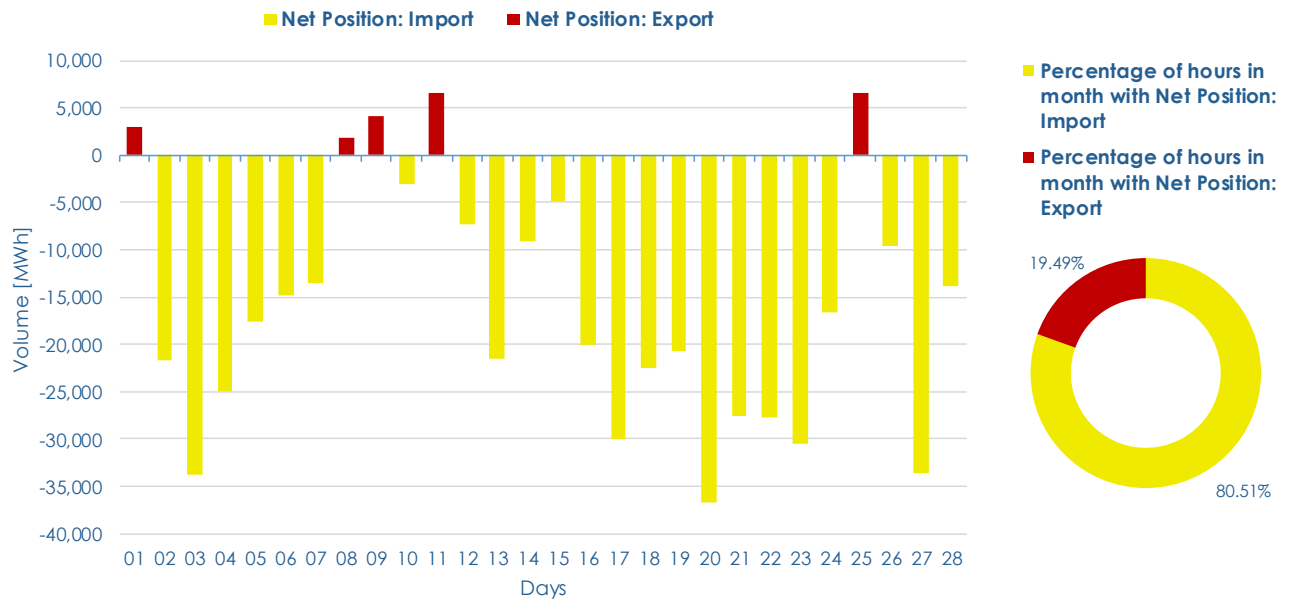
### 1.17. Cross Border volume · Exports per day



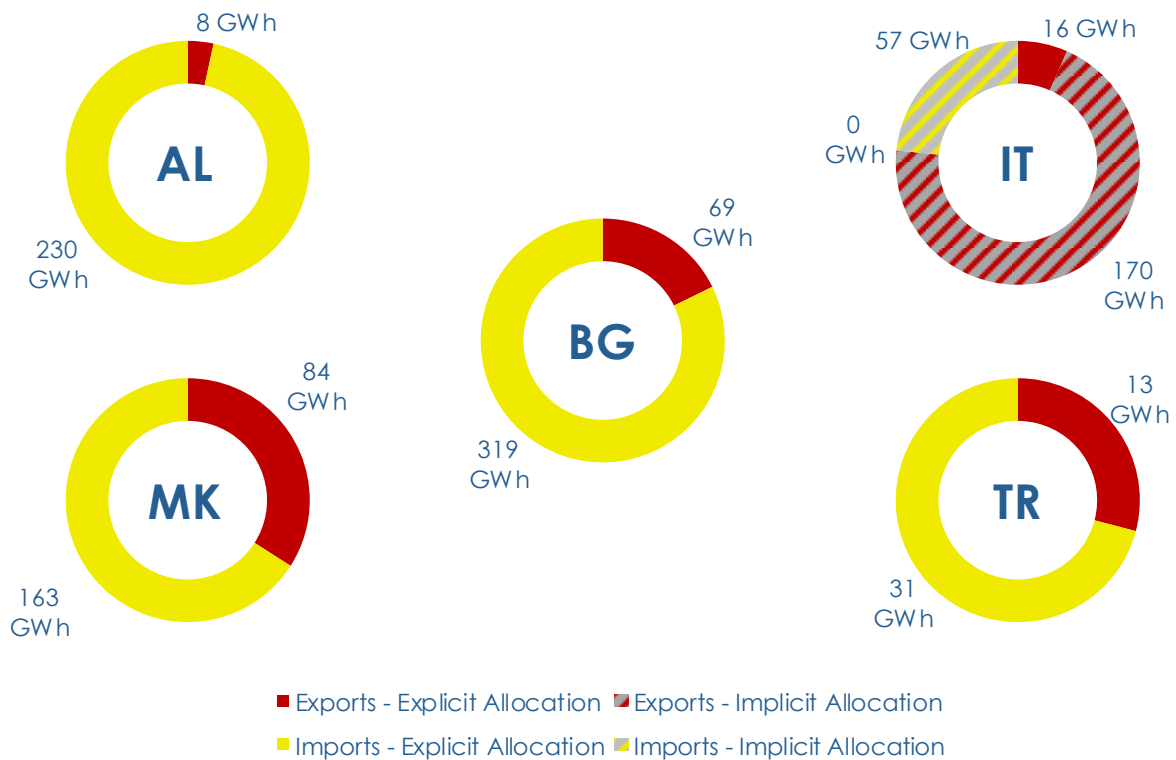
### 1.18. Cross Border Volume · Exports per month



## 1.19. Net position of all cross border flows



## 1.20. Cross Border Volumes per Border



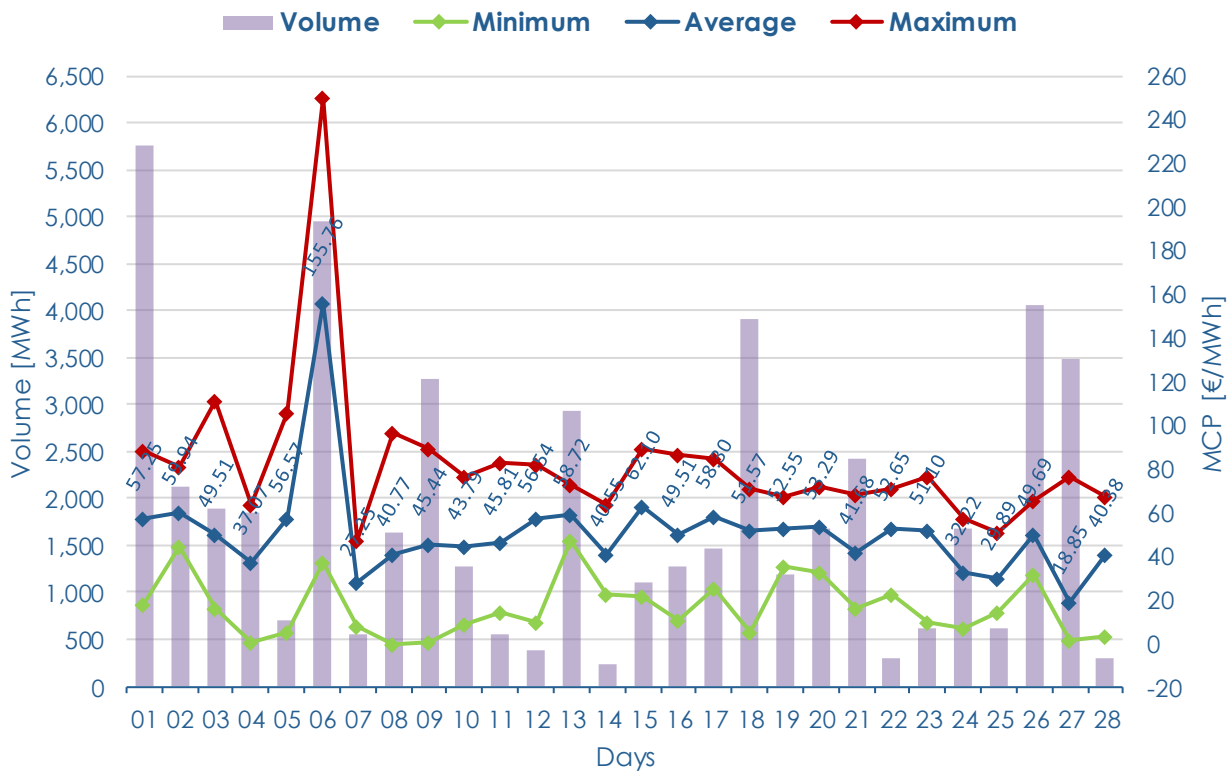
## 2. IDM

**Market Clearing Prices (MCP)**

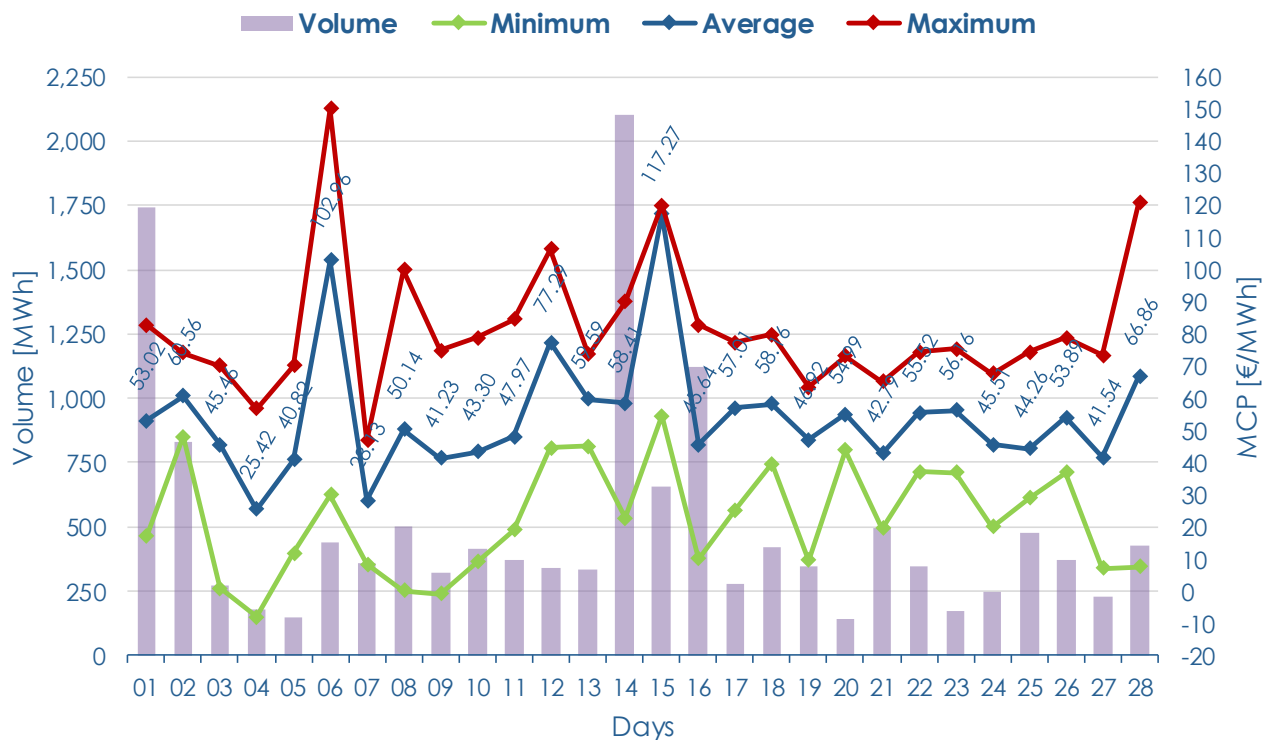
**Volumes, technologies and order types**



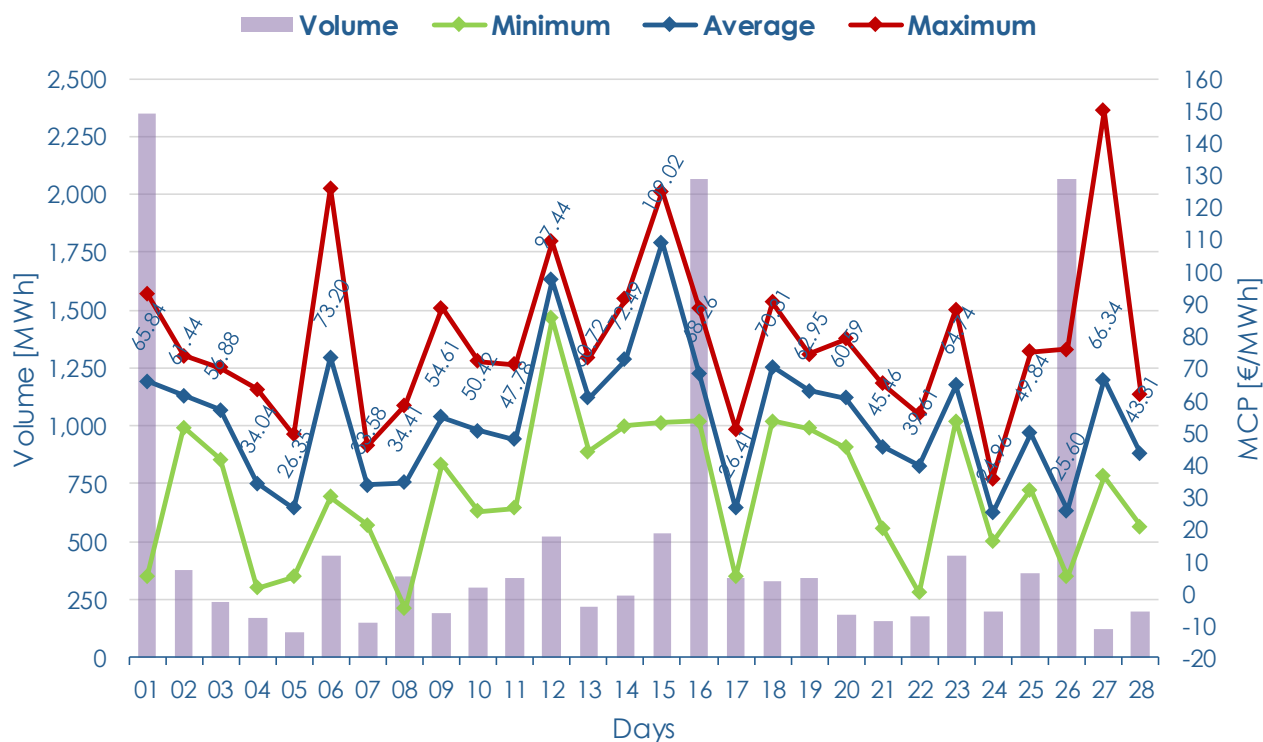
## 2.1. Daily MCP and volume · LIDA1



## 2.2. Daily MCP and volume · LIDA2



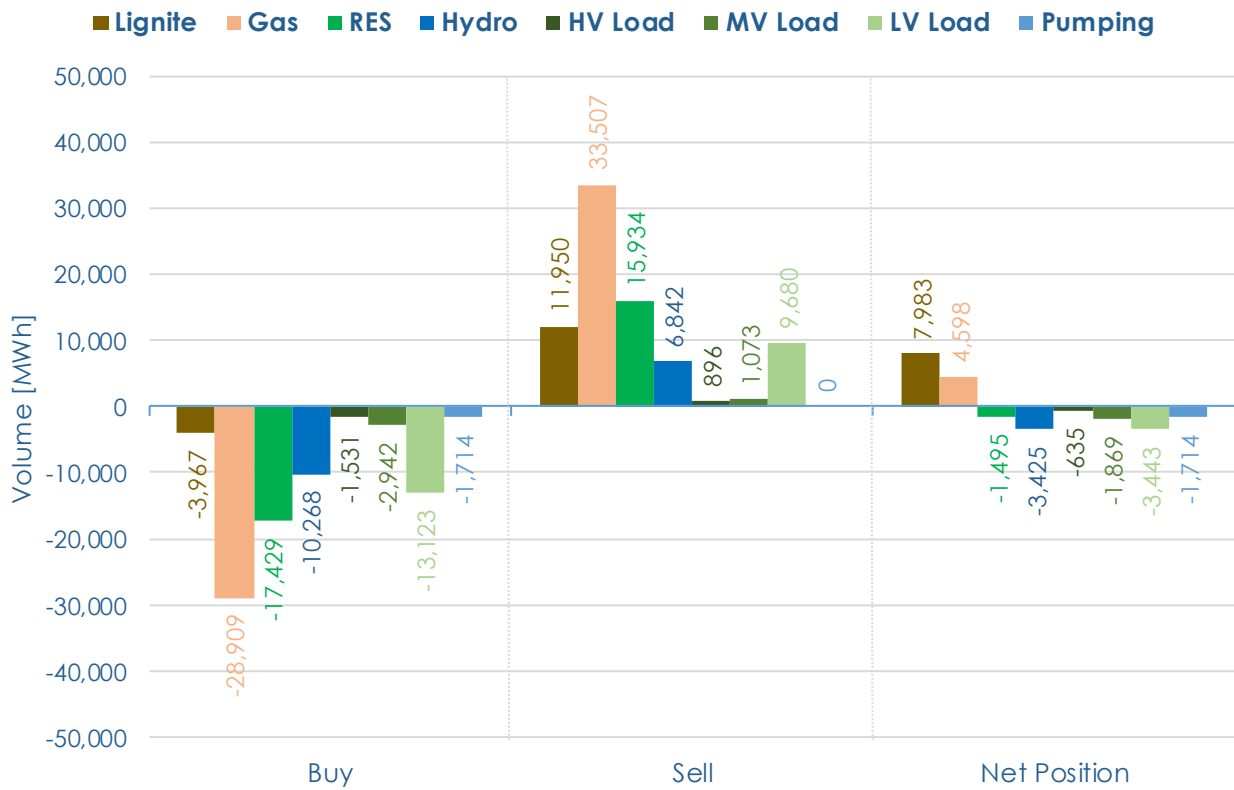
## 2.3. Daily MCP and volume · LIDA3



## 2.4. Table with MCP and volume

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

## 2.5. Volume mix per side and net position for IDM



## 3. DAM & IDM · Aggregated Overview

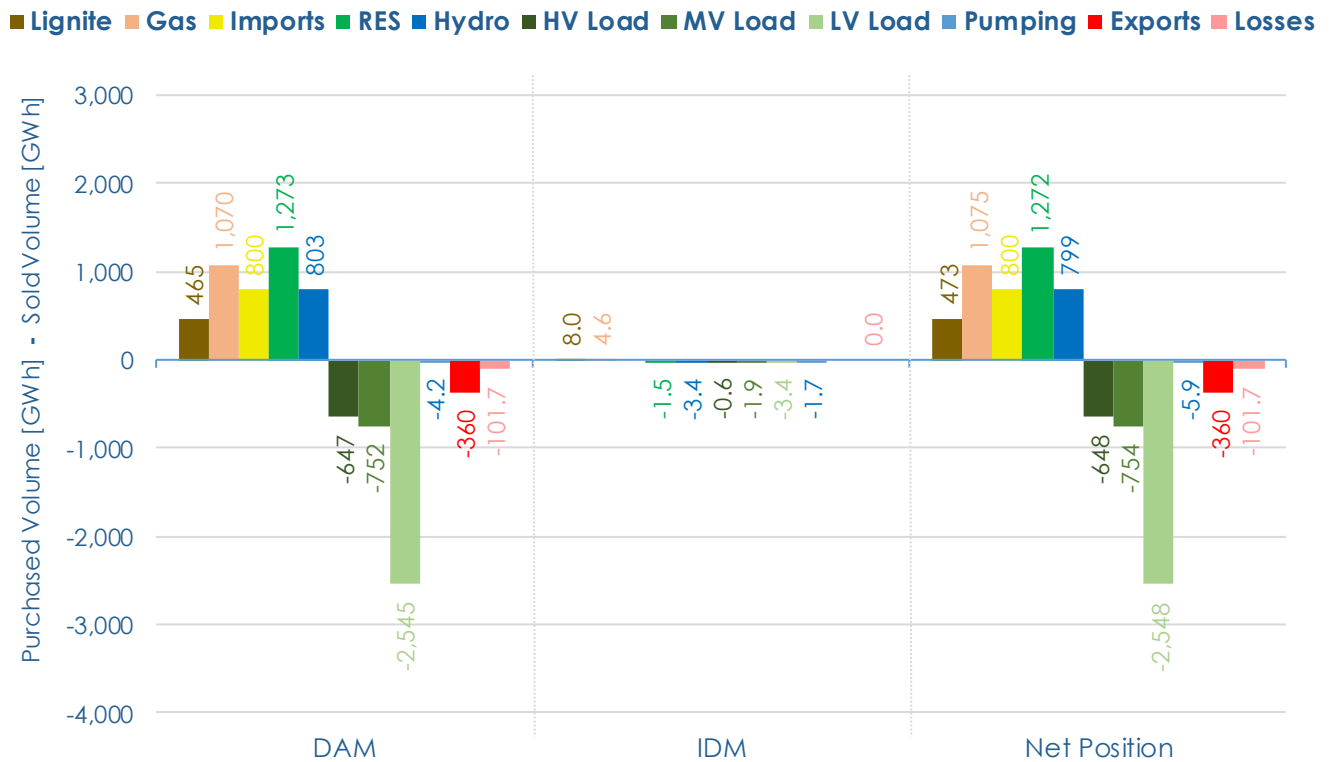
**Final Market Schedules**

**Domestic Production**

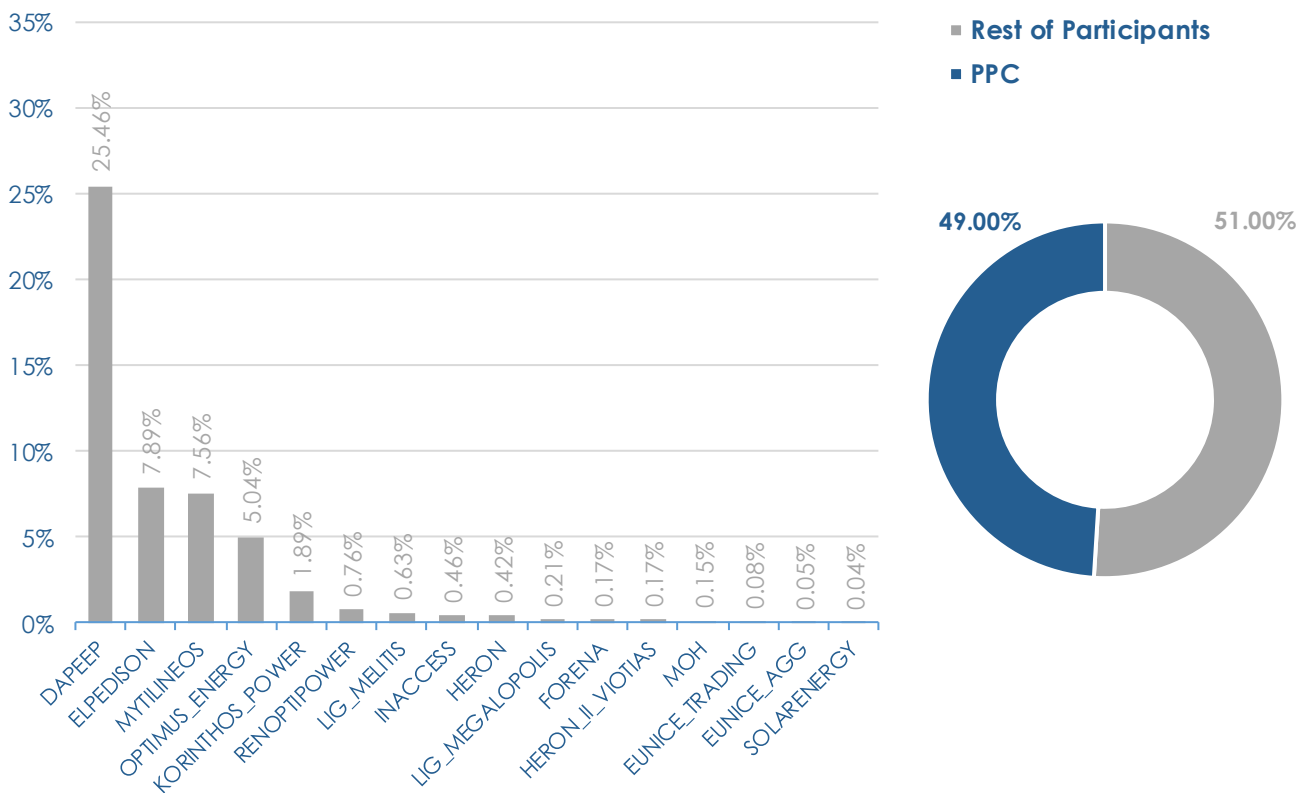
**Domestic Consumption**

**Domestic Consumption per Voltage level**

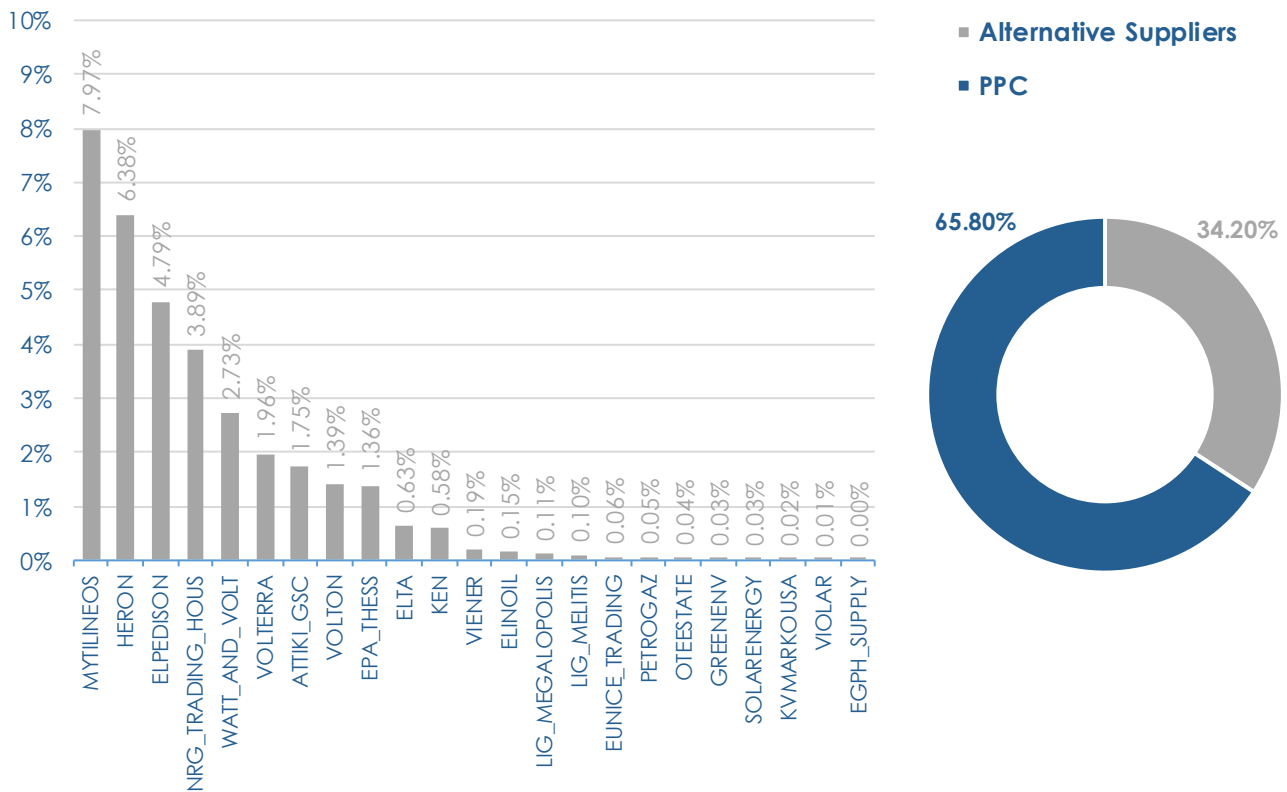
### 3.1. Market Schedules



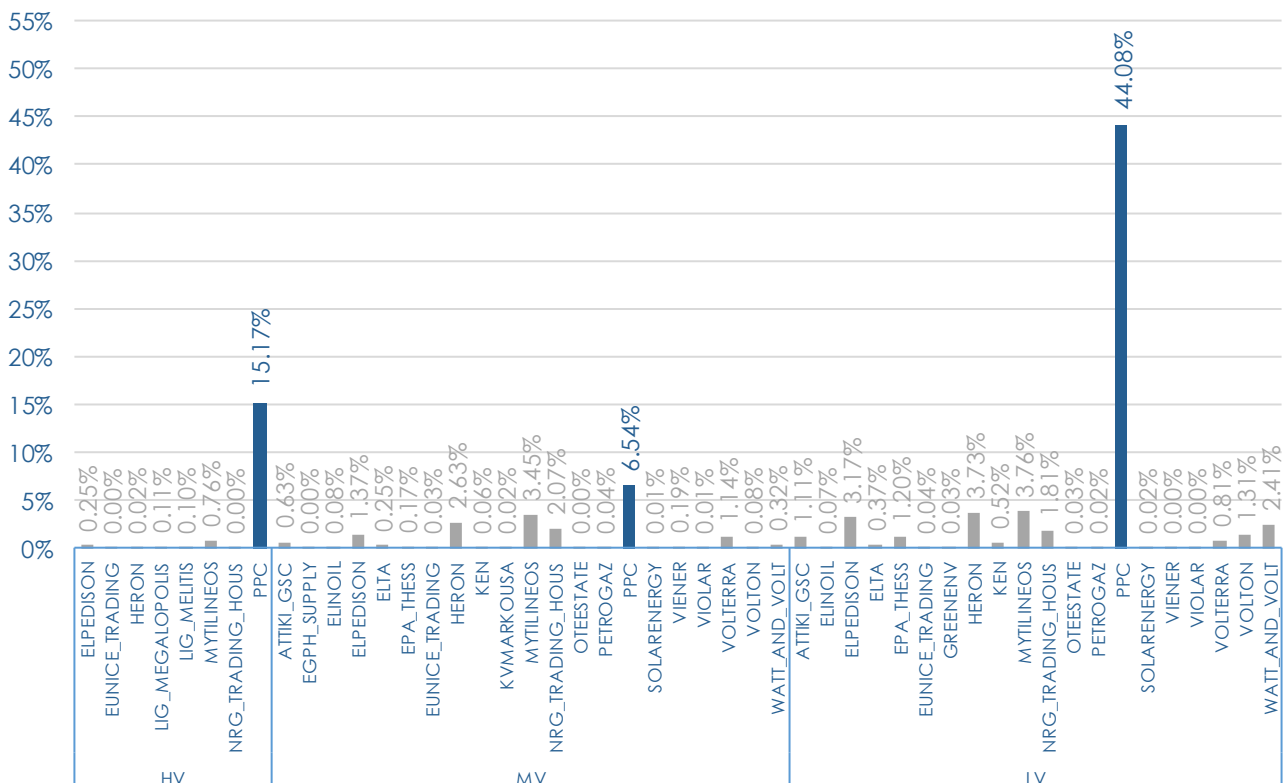
### 3.2. Final Market Schedule shares for production units per Market Participant



### 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.