



# Monthly Report · June 2021




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

## GENERAL TERMS AND CONDITIONS OF DATA USE

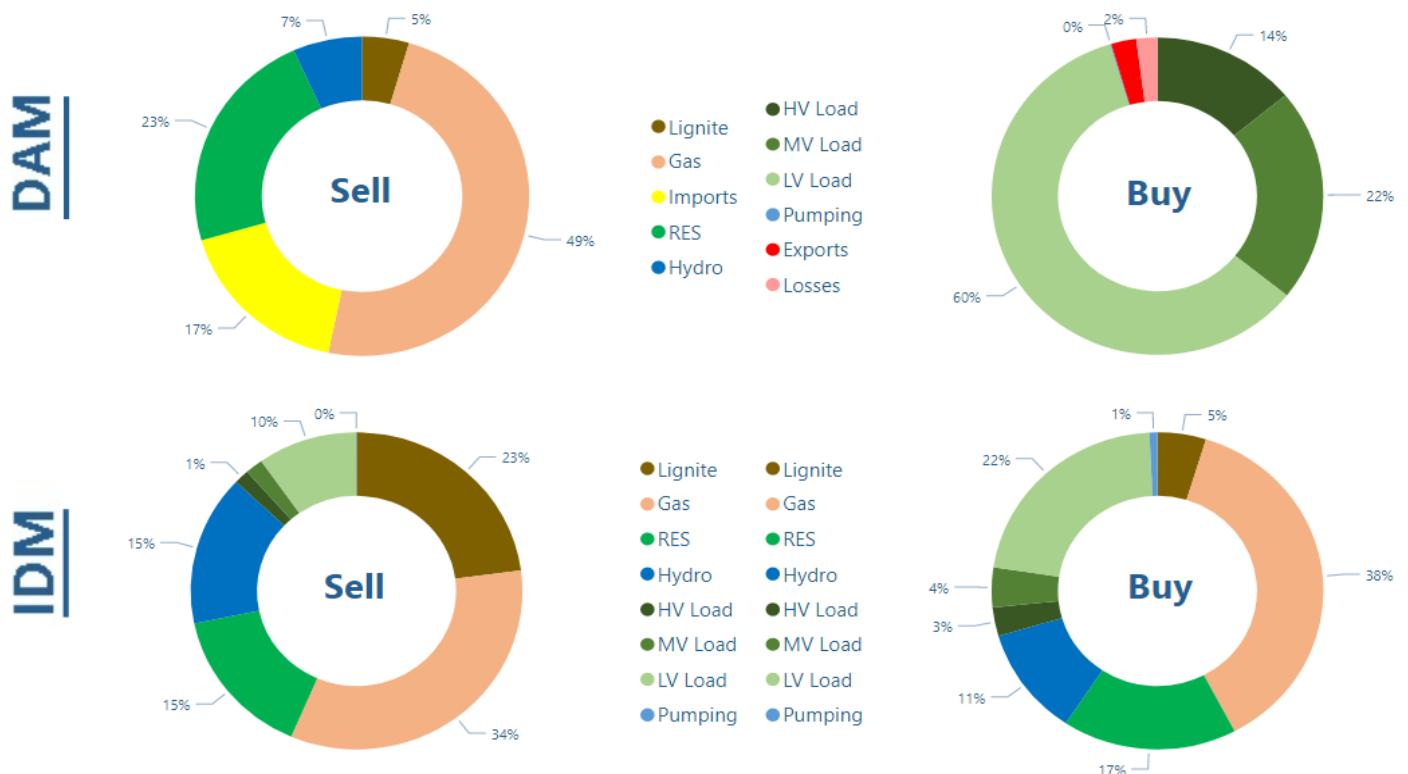
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## Summary

	Jun 2021	May 2021	Jun 2020		<u>DAM</u>	<u>LIDA1</u>	<u>LIDA2</u>	<u>LIDA3</u>
 Price	€ /MWh				83.47	82.97	83.62	87.63
					63.16	62.53	63.12	63.52
					34.05			
 Volume	GWh				4,325	42.4	31.5	15.6
					3,972	28.2	14.6	11.3
					3,831			
 Value	M €				374.5	3.96	2.77	1.55
					254.7	1.91	0.98	0.74
					121.7			

## Volume mix



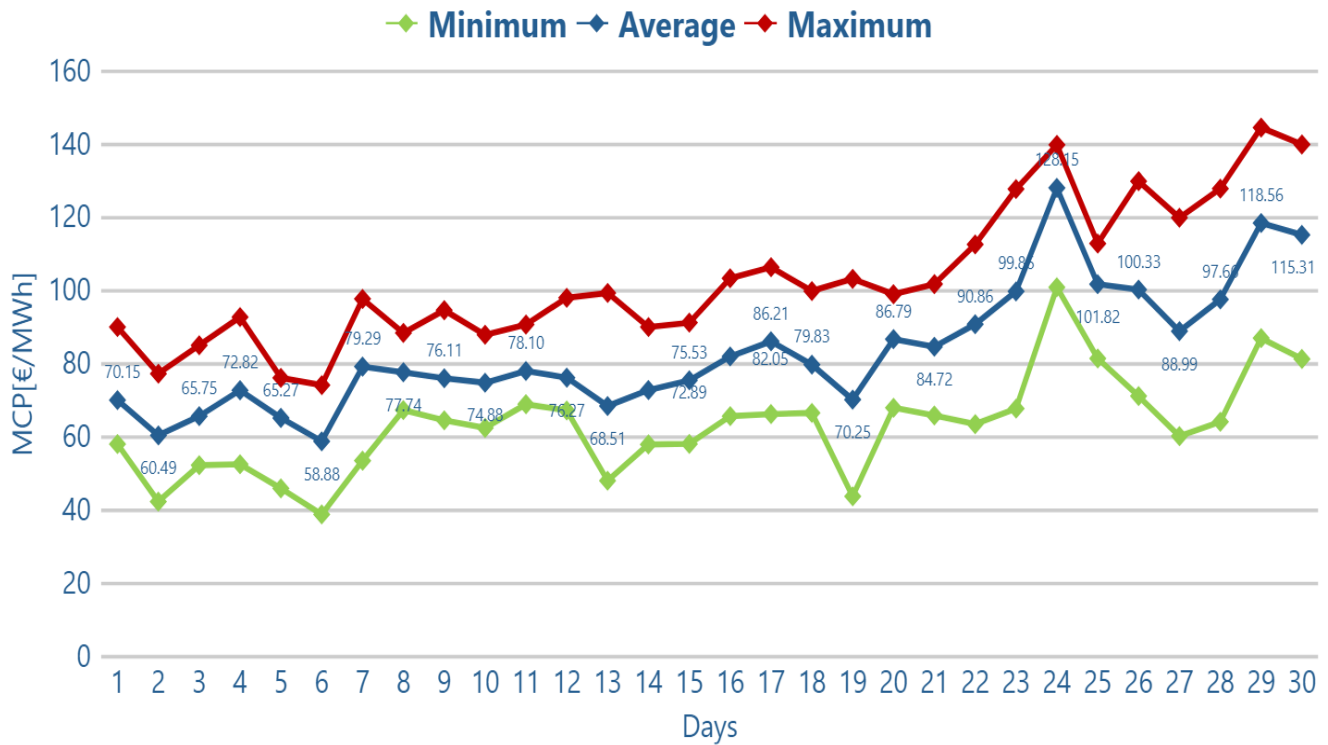
# 1. DAM

**Market Clearing Price (MCP)**

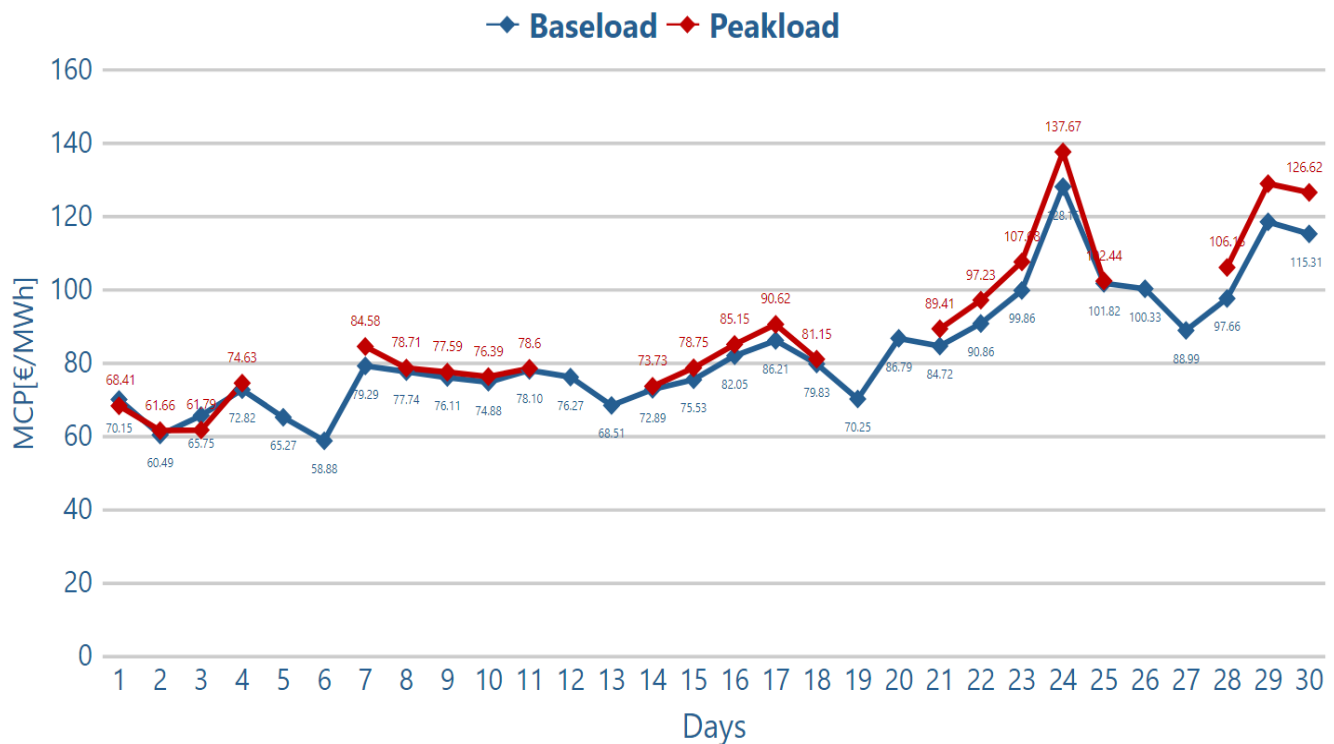
**Volumes, technologies and order types**

**Interconnections**

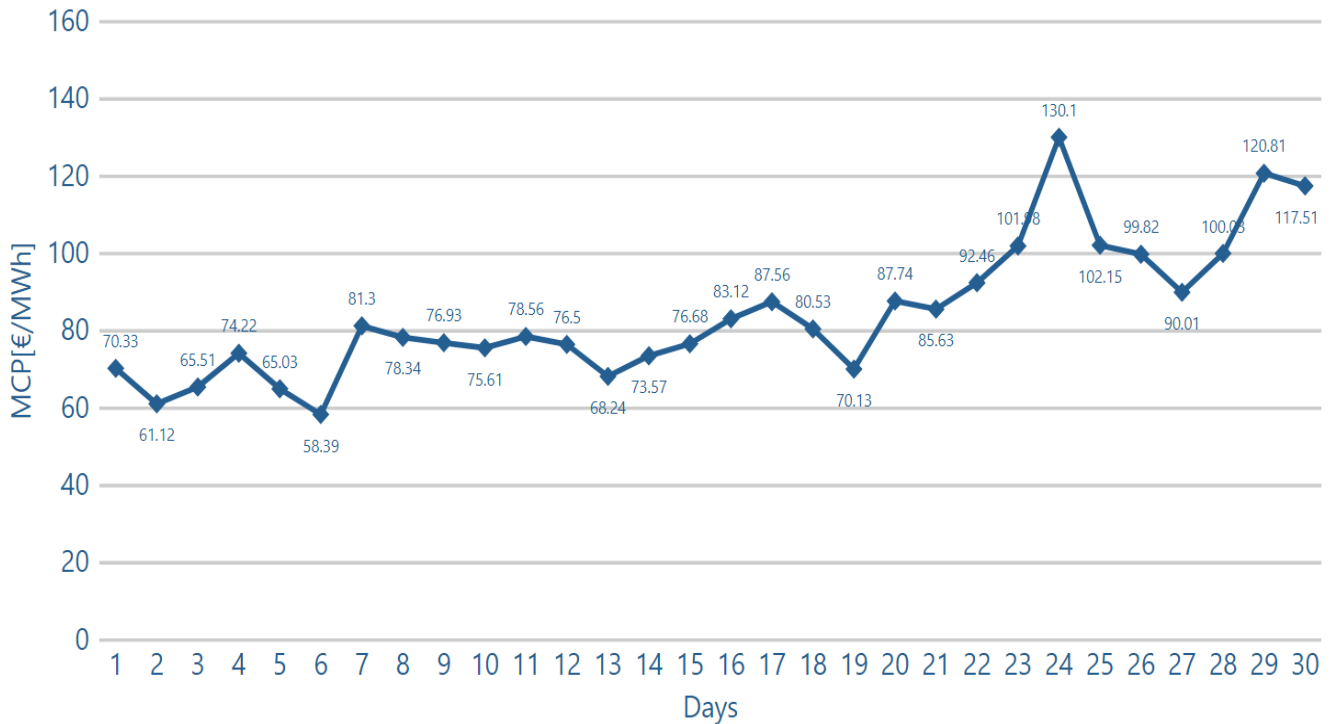
## 1.1. Daily MCP data of GR BZ



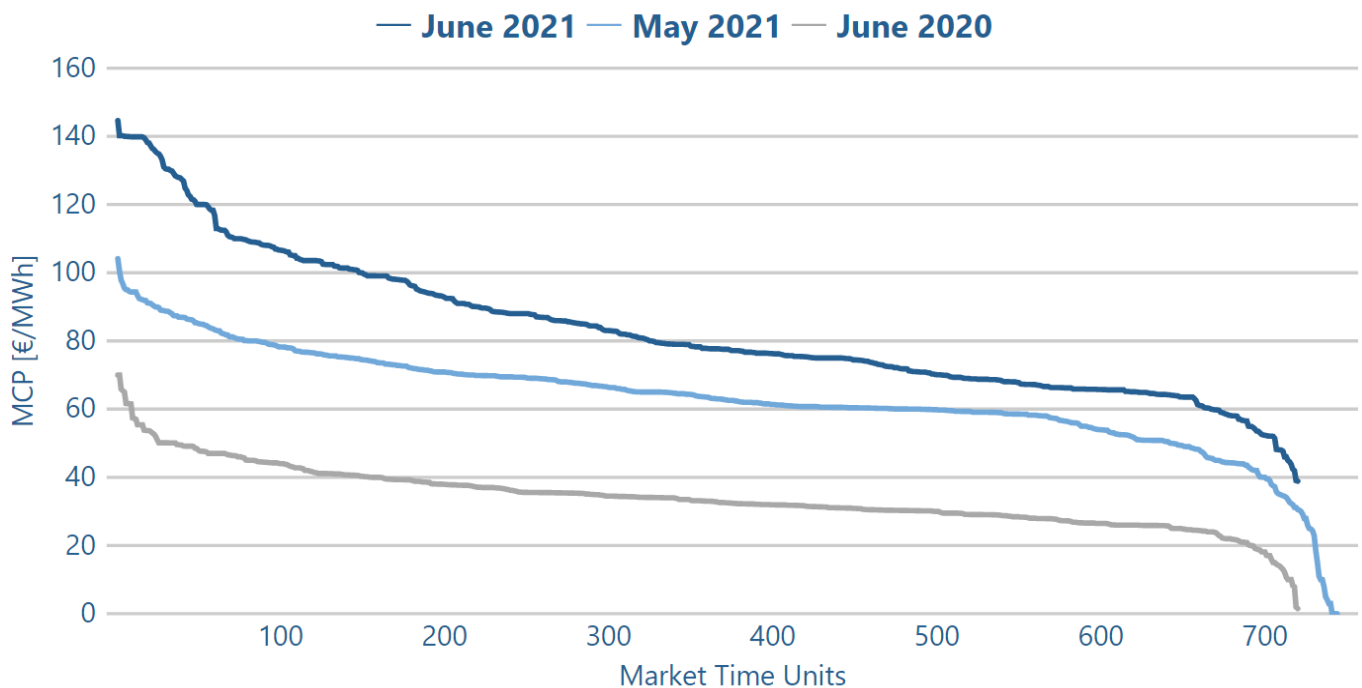
## 1.2. Daily average prices



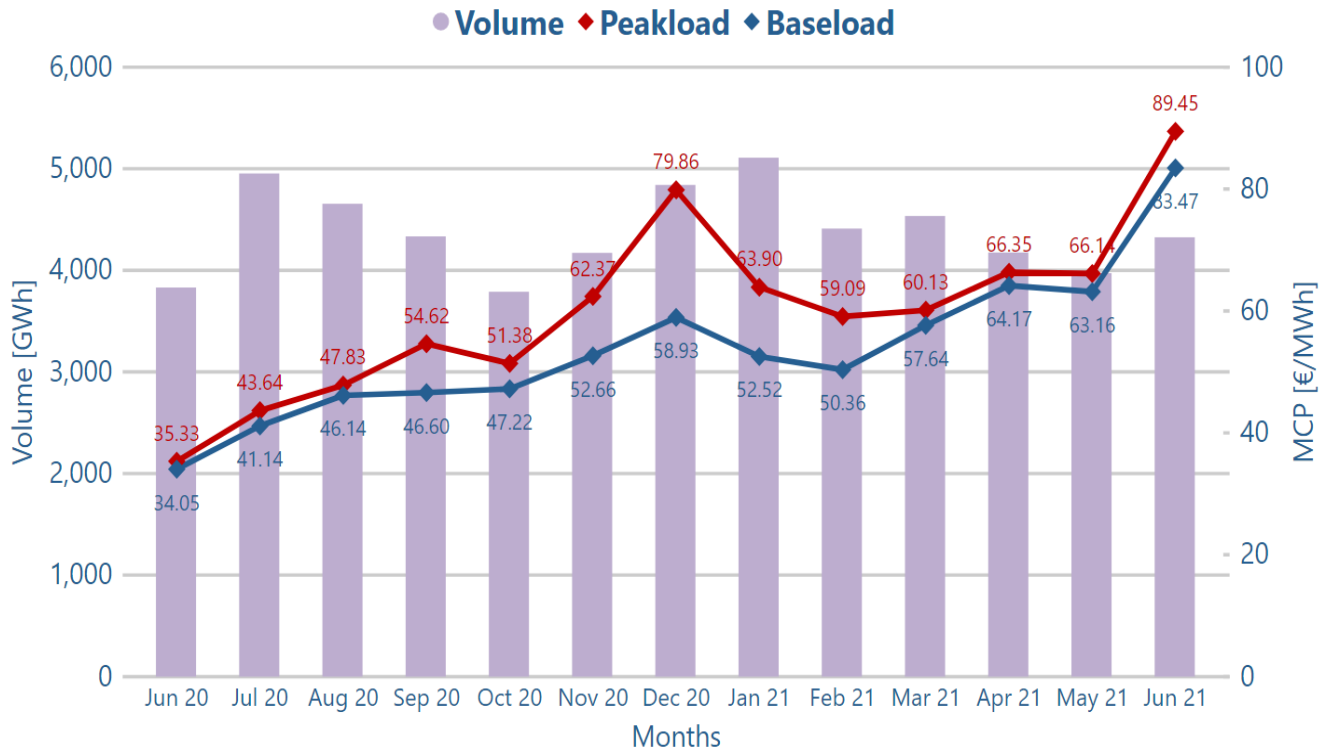
### 1.3. Daily weighted average baseload price



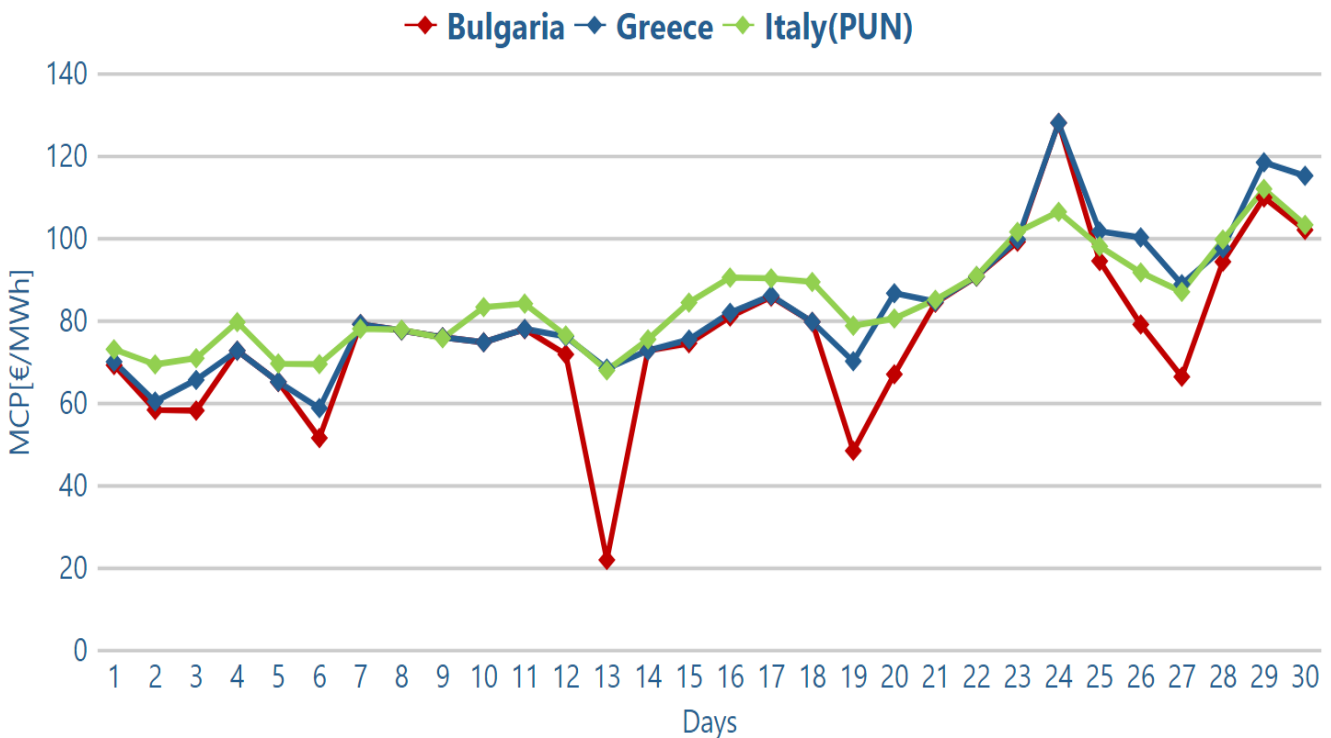
### 1.4. MCP duration curve



## 1.5. Monthly volume and average prices

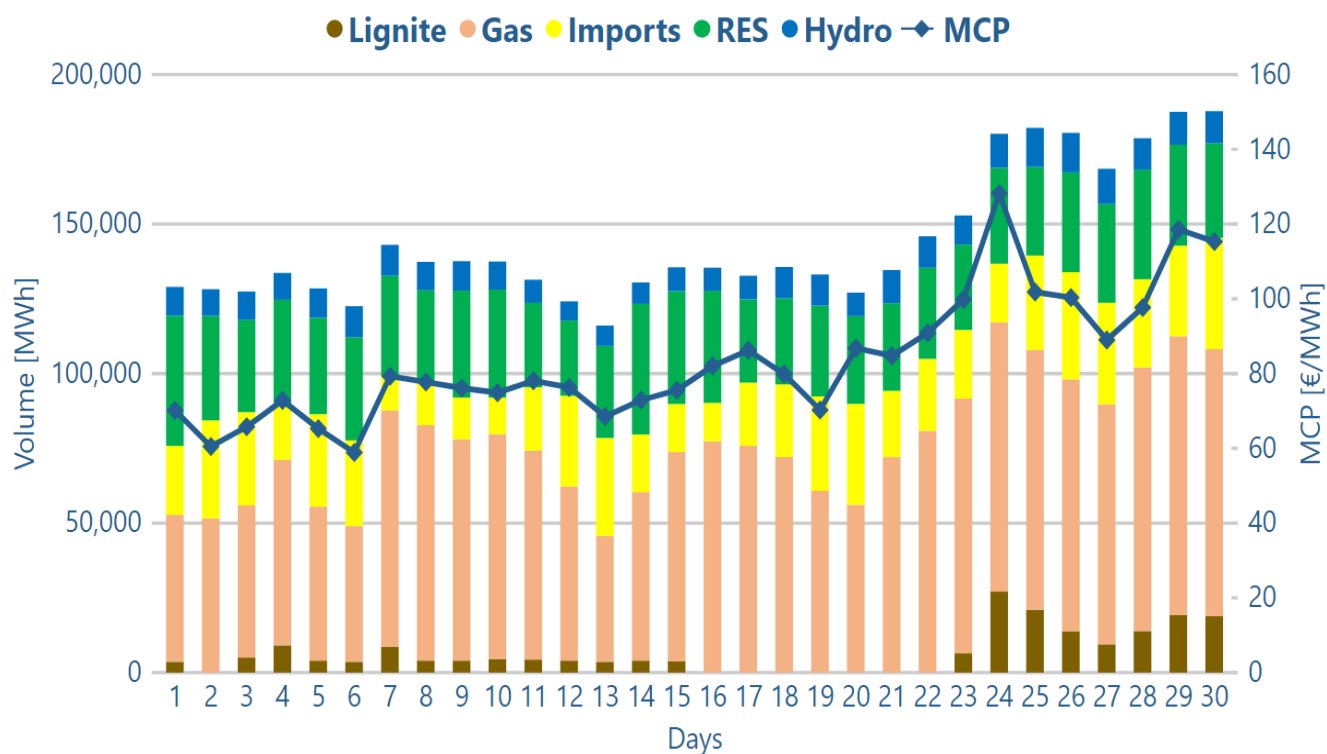


## 1.6. Daily average MCP of GR, IT, BG

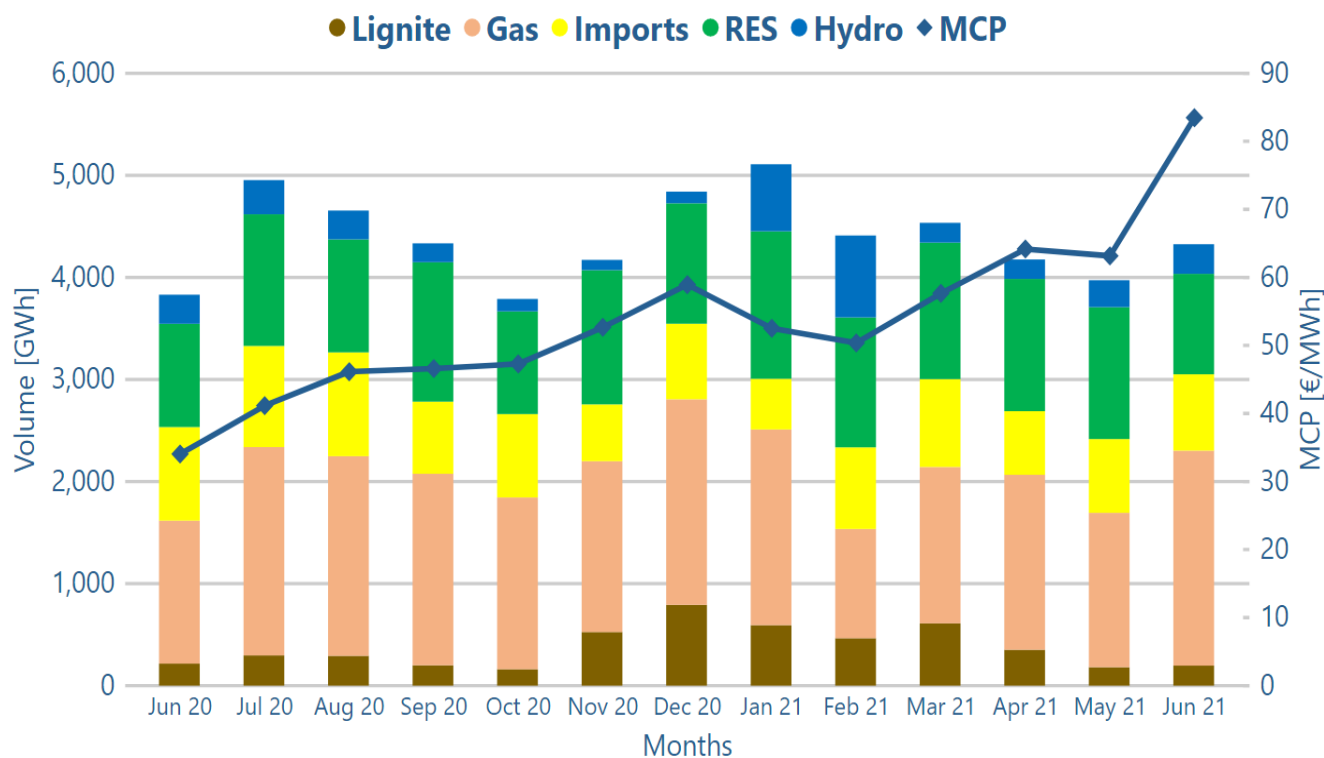




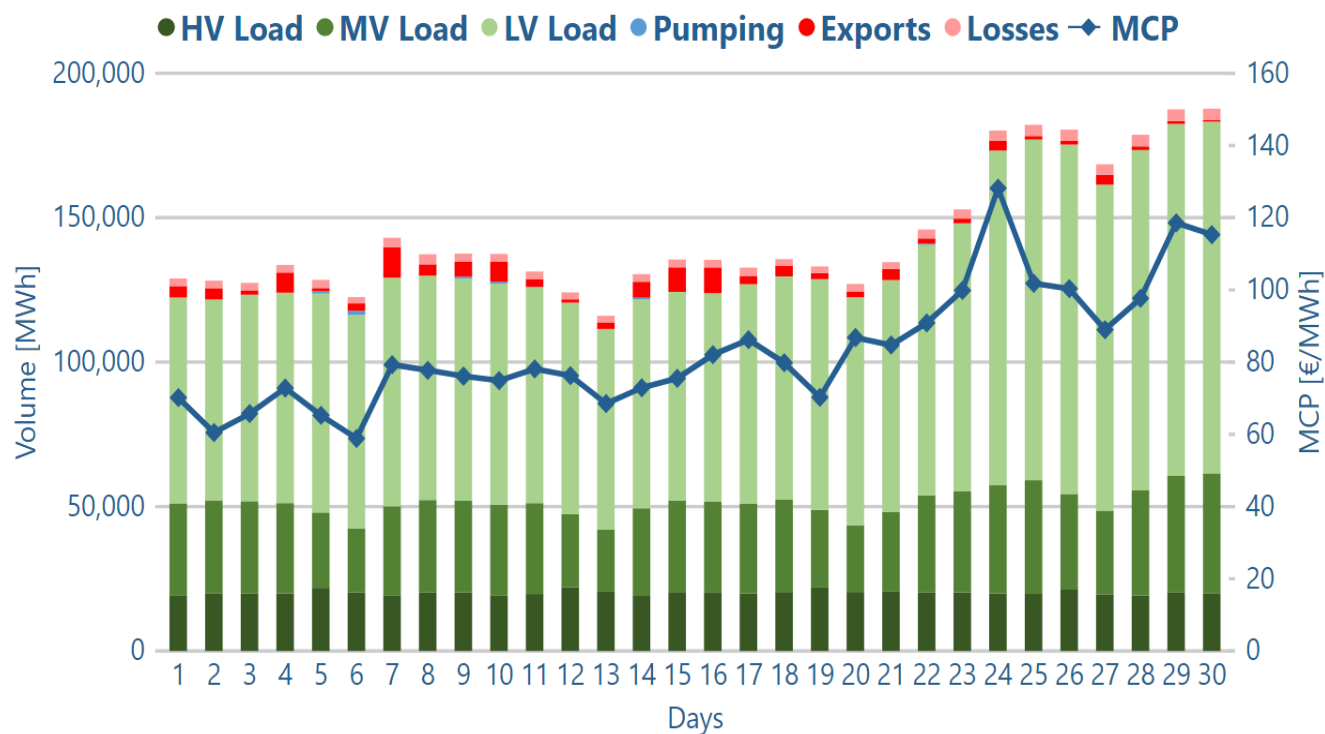
## 1.7. Volume mix of sell side per day



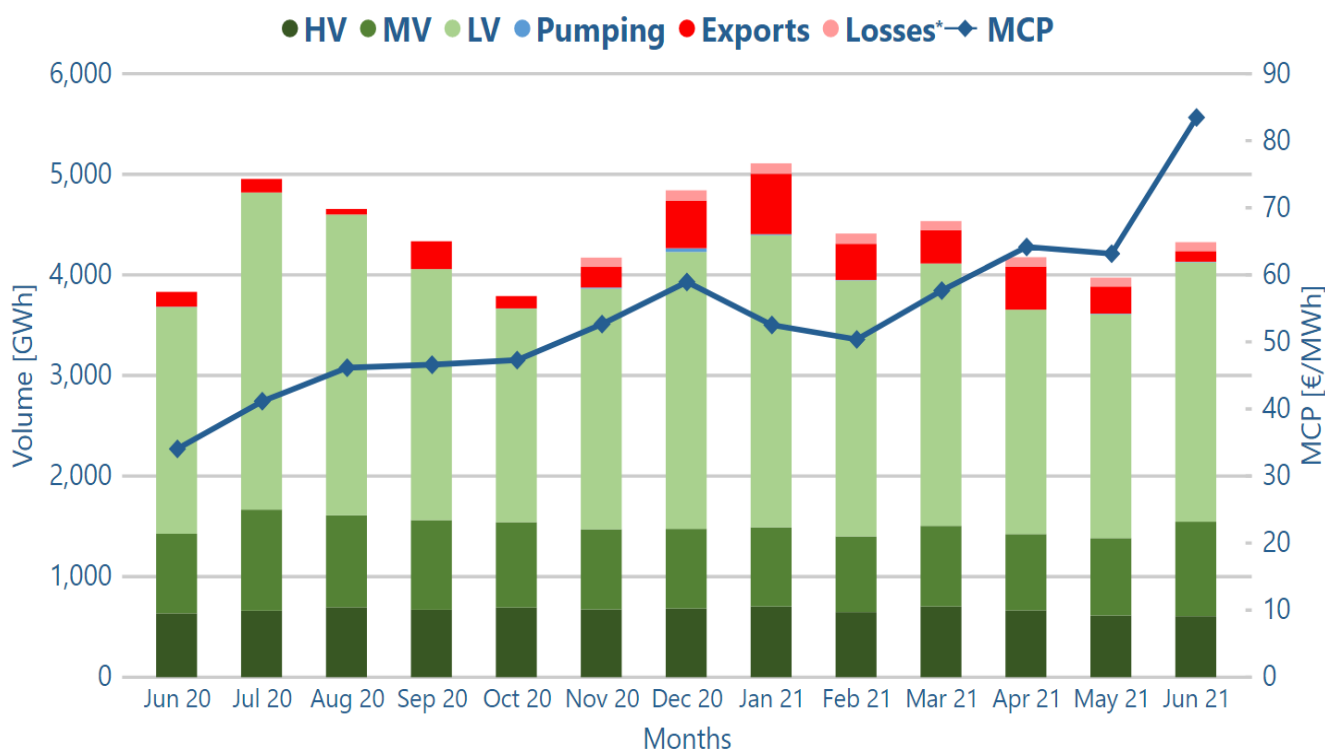
## 1.8. Volume mix of sell side per month



## 1.9. Volume mix of buy side per day



## 1.10. Volume mix of buy side per month



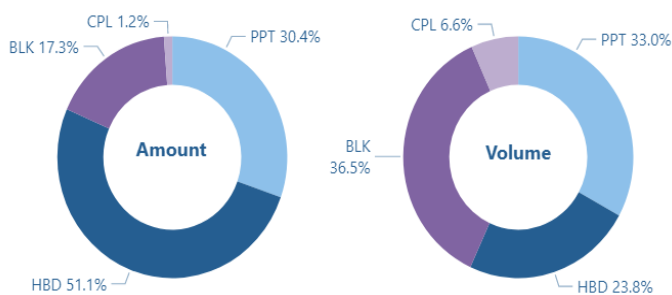
\*Data for losses are considered from November 2020

## 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	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
2021	June	38.88	83.47	↗ 32%	144.64	89.45	↗ 35%	4,325

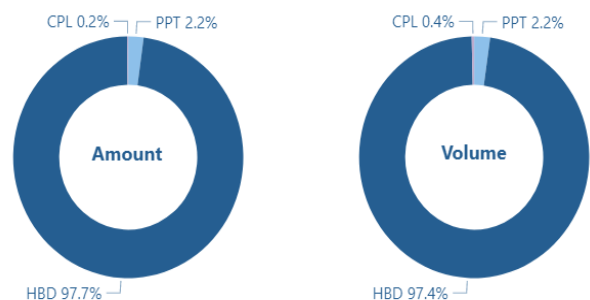
## 1.12. Trades per Order type

### Sell Side



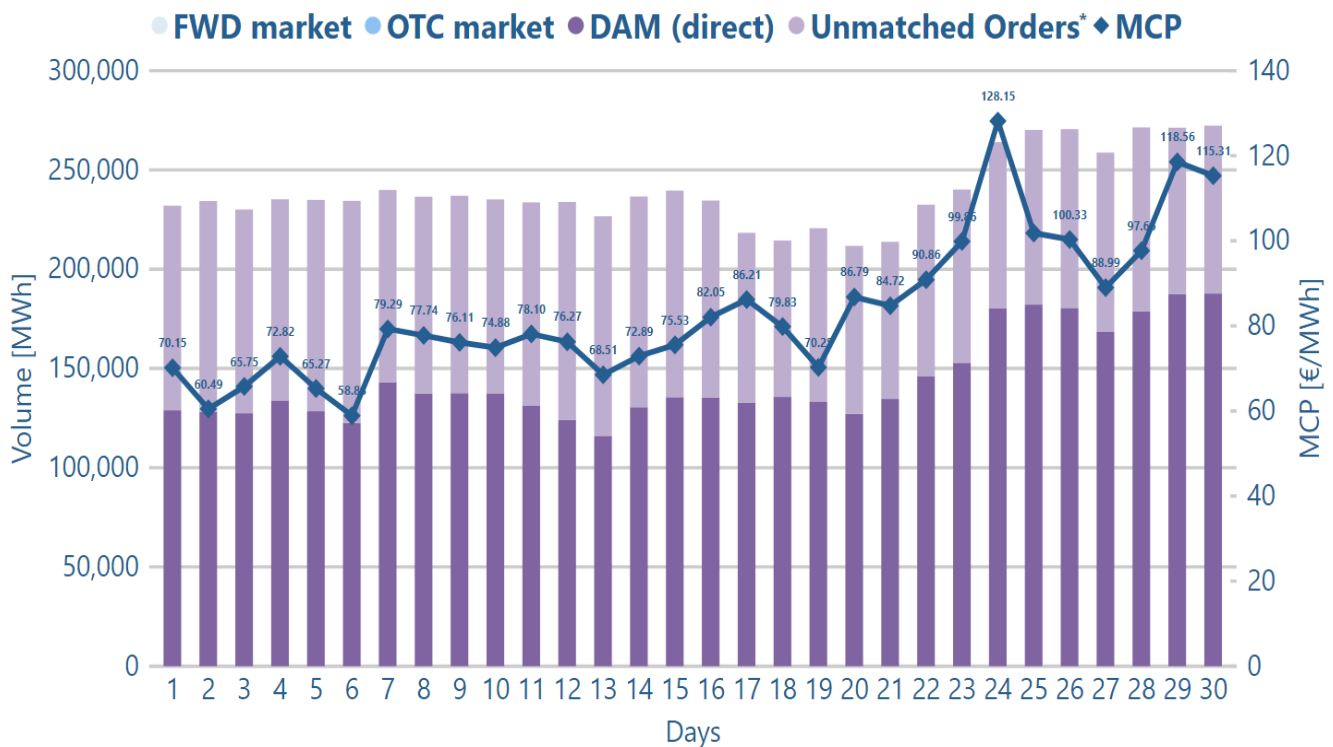
	PPT	HBD	BLK	CPL
Amount	16344	27487	9316	631
Volume [GWh]	1427	1030	1580	287

### Buy Side



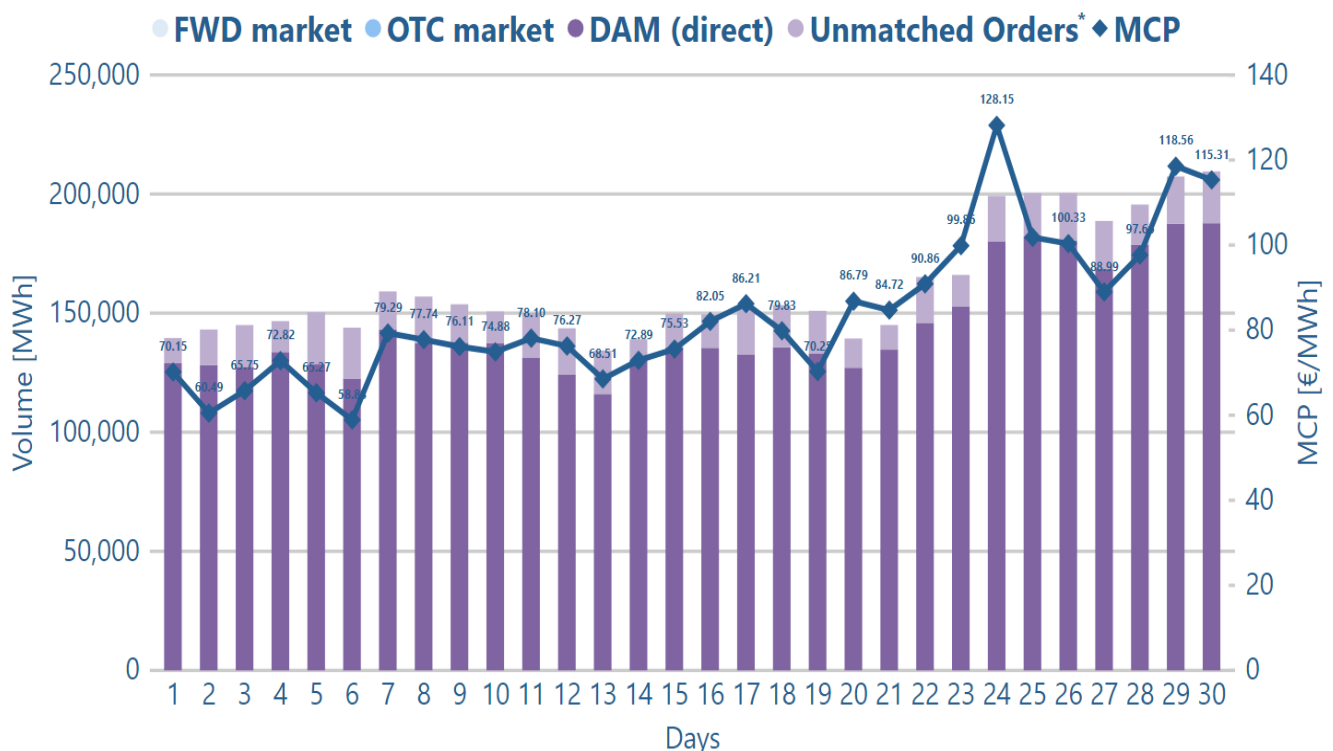
	PPT	HBD	CPL
Amount	1187	53914	89
Volume [GWh]	96	4213	15

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



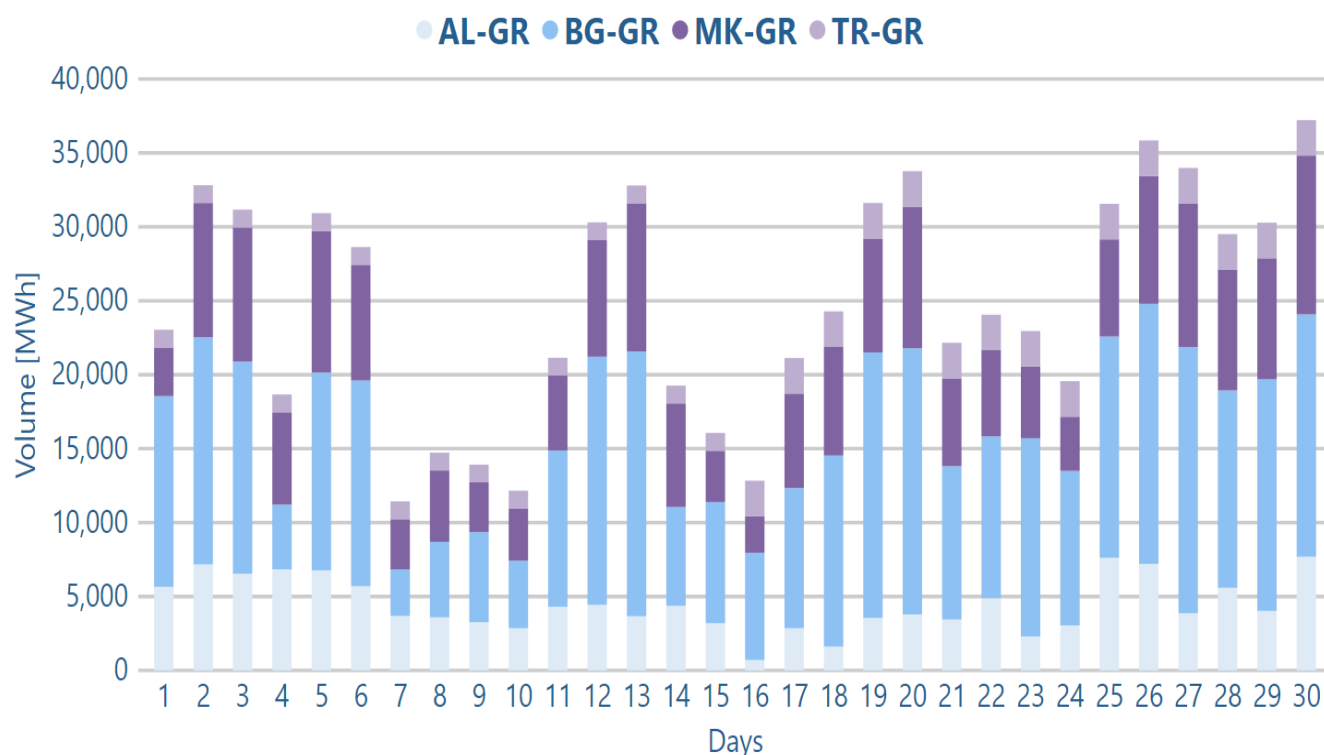
\*The Unmatched Orders include all sell orders that have not been included in the algorithm (excluding block orders).

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



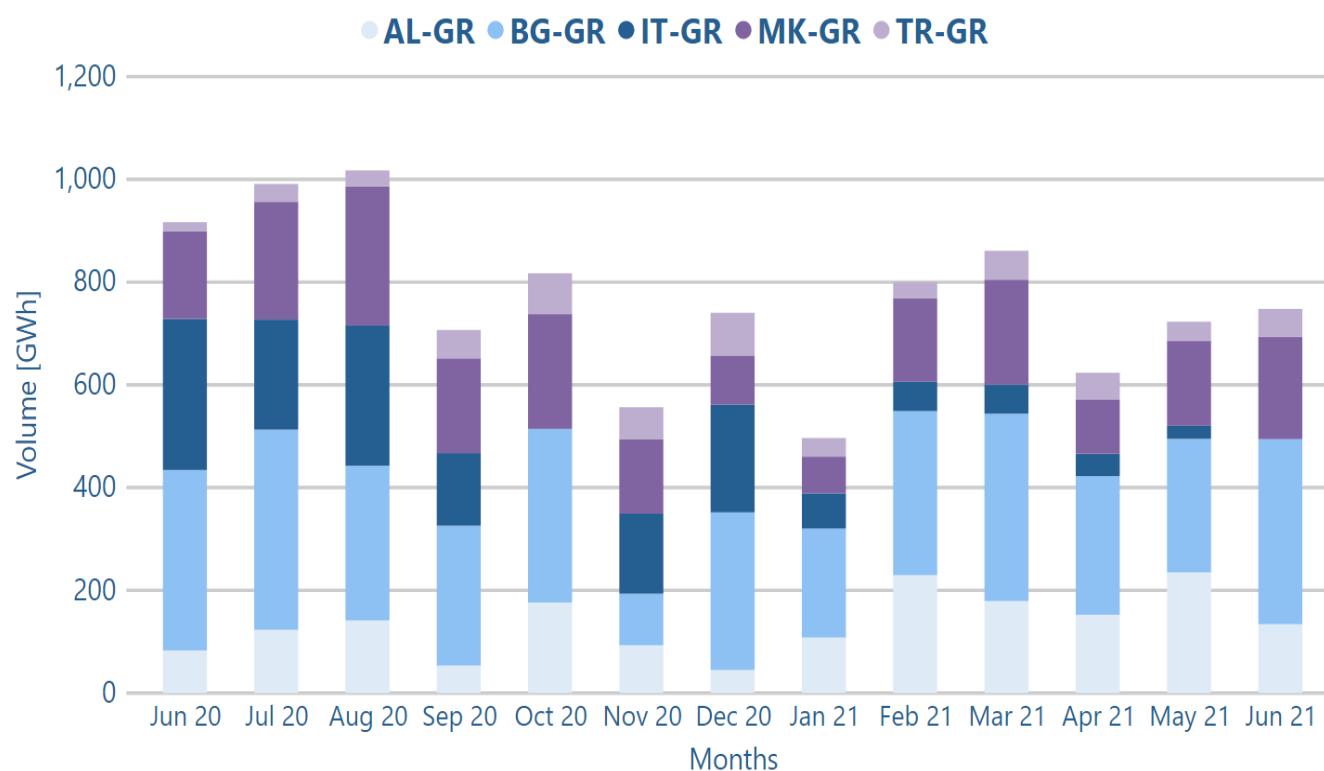
\*The Unmatched Orders include all buy orders that have not been included in algorithm.

## 1.15. Cross Border volume · Imports per day

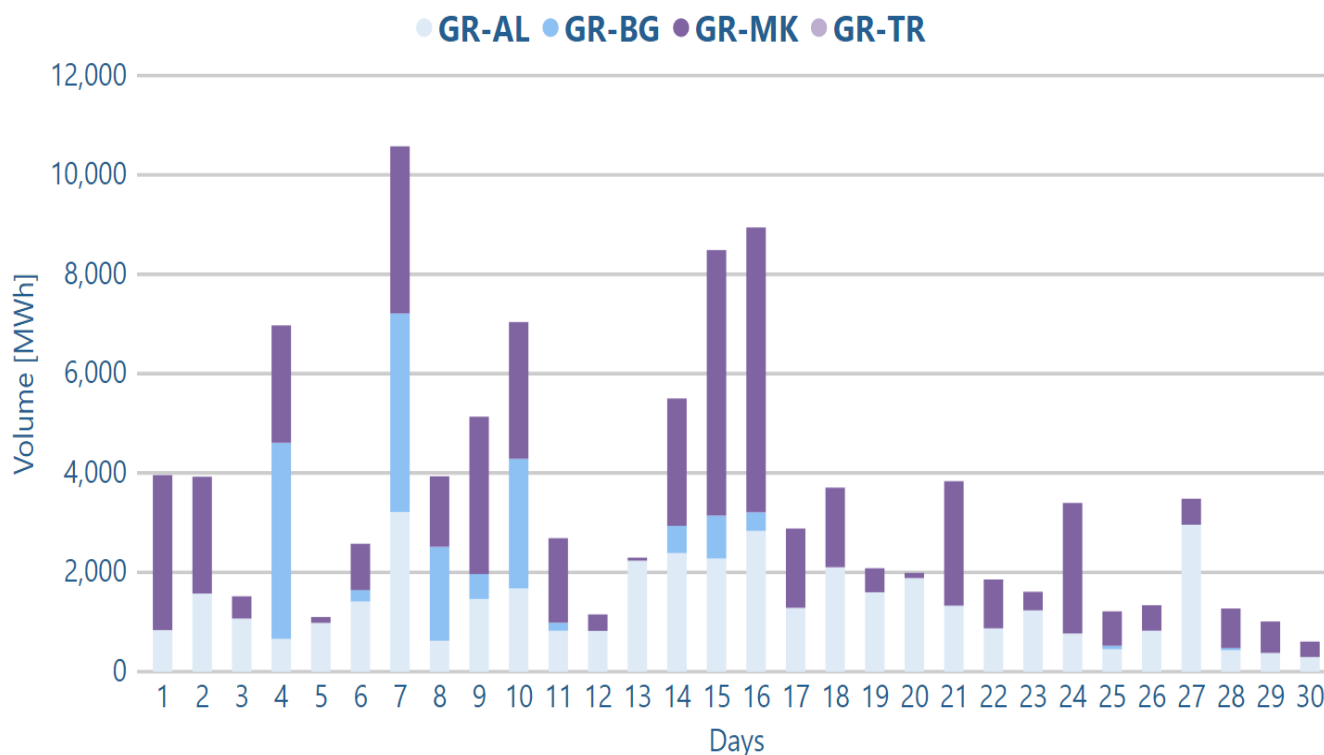


Interconnection with Italy had zero NTC from 01/06-30/06.

## 1.16. Cross Border Volume · Imports per month

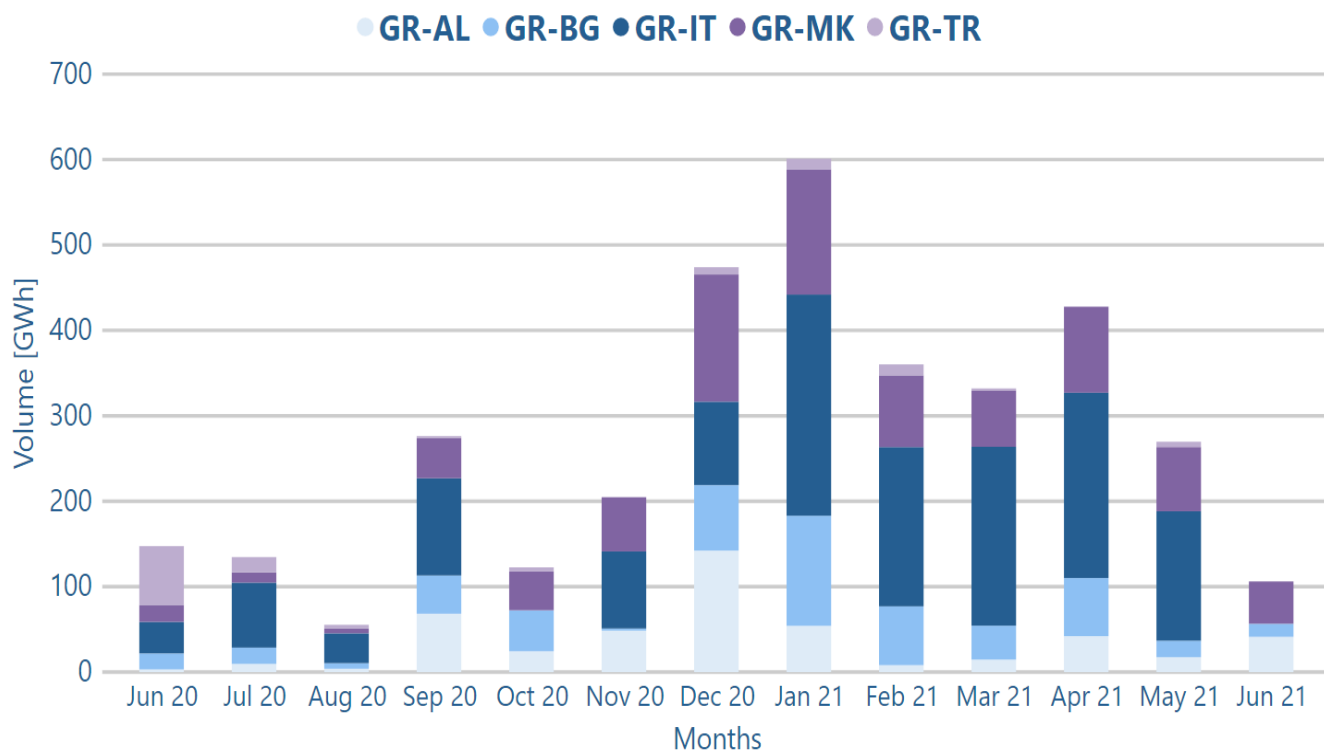


### 1.17. Cross Border volume · Exports per day

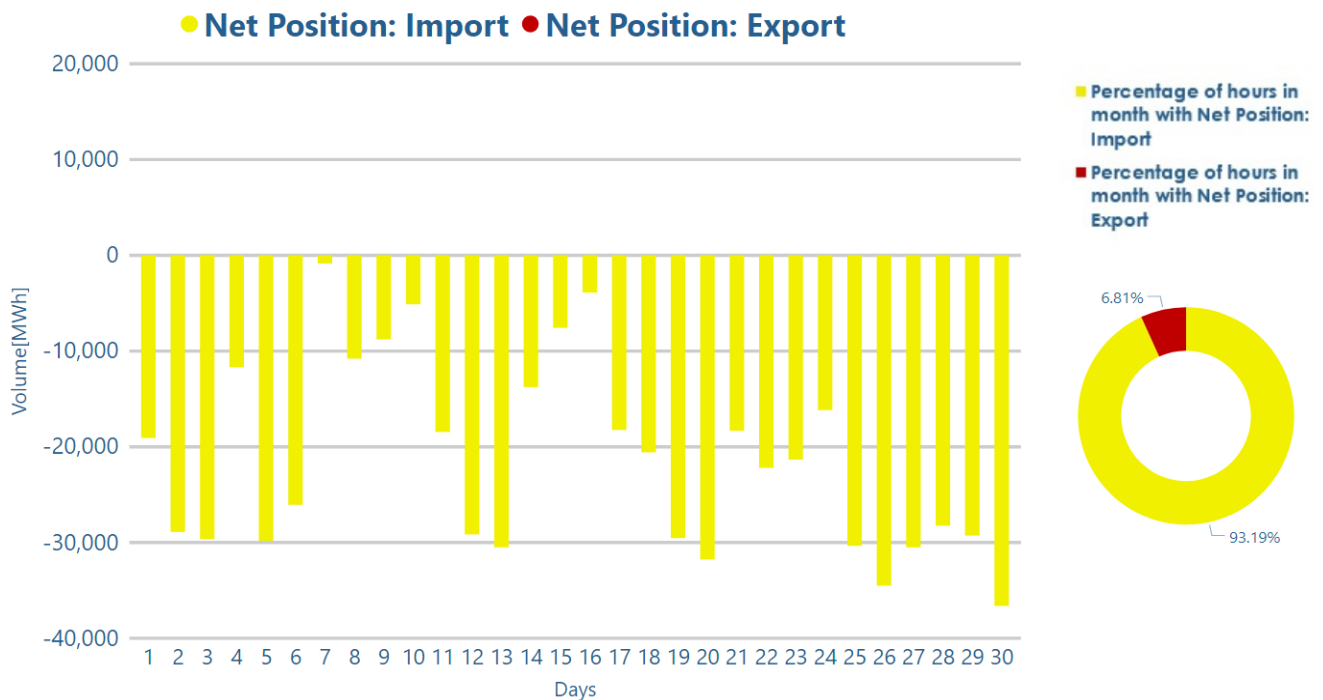


Interconnection with Italy had zero NTC from 01/06-30/06.

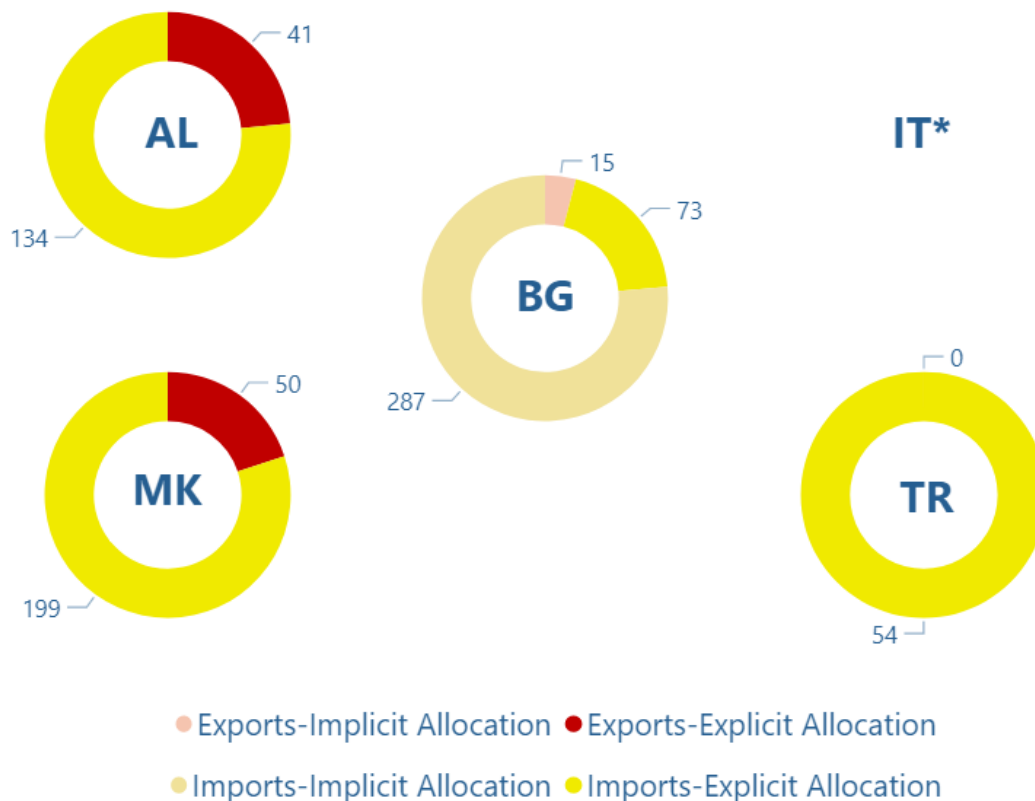
### 1.18. Cross Border Volume · Exports per month



### 1.19. Net position of all cross border flows

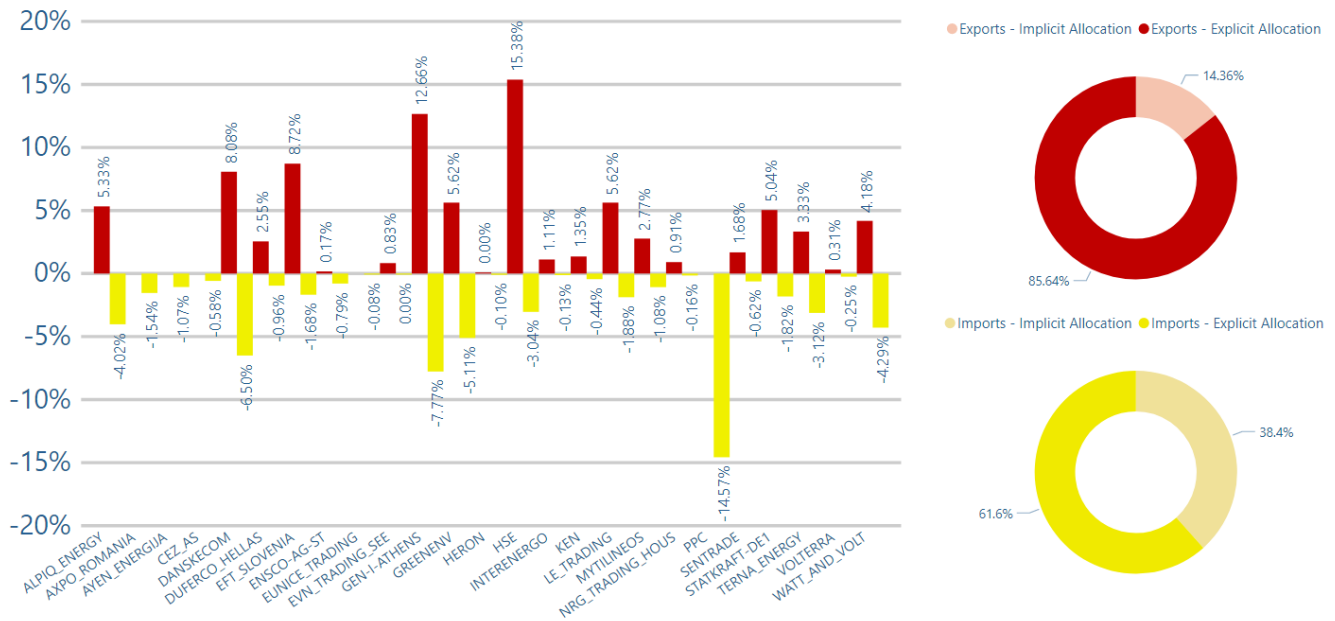


### 1.20. Cross Border Volumes (GWh) per Border

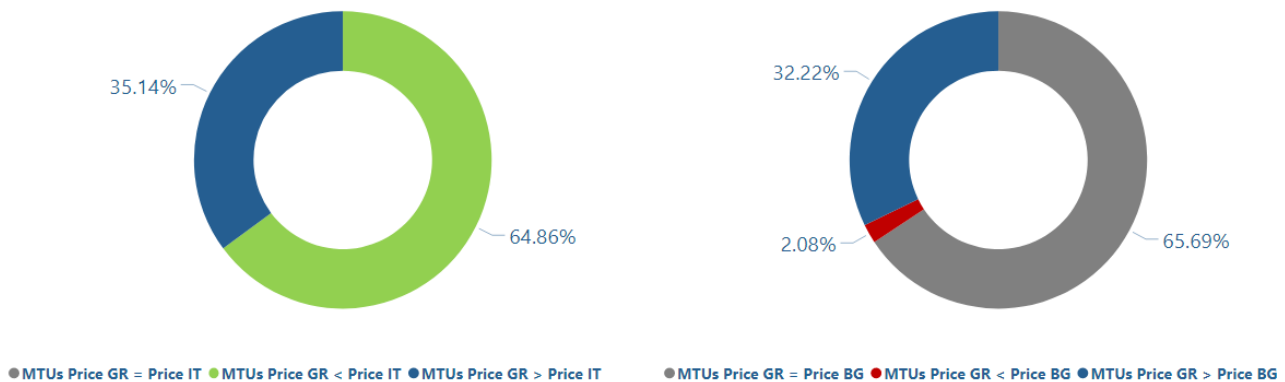


\*Interconnection with Italy had zero NTC from 01/06-30/06.

## 1.21. Market Shares of Imports and Exports per Market Participant



## 1.22. Price Coupling Data



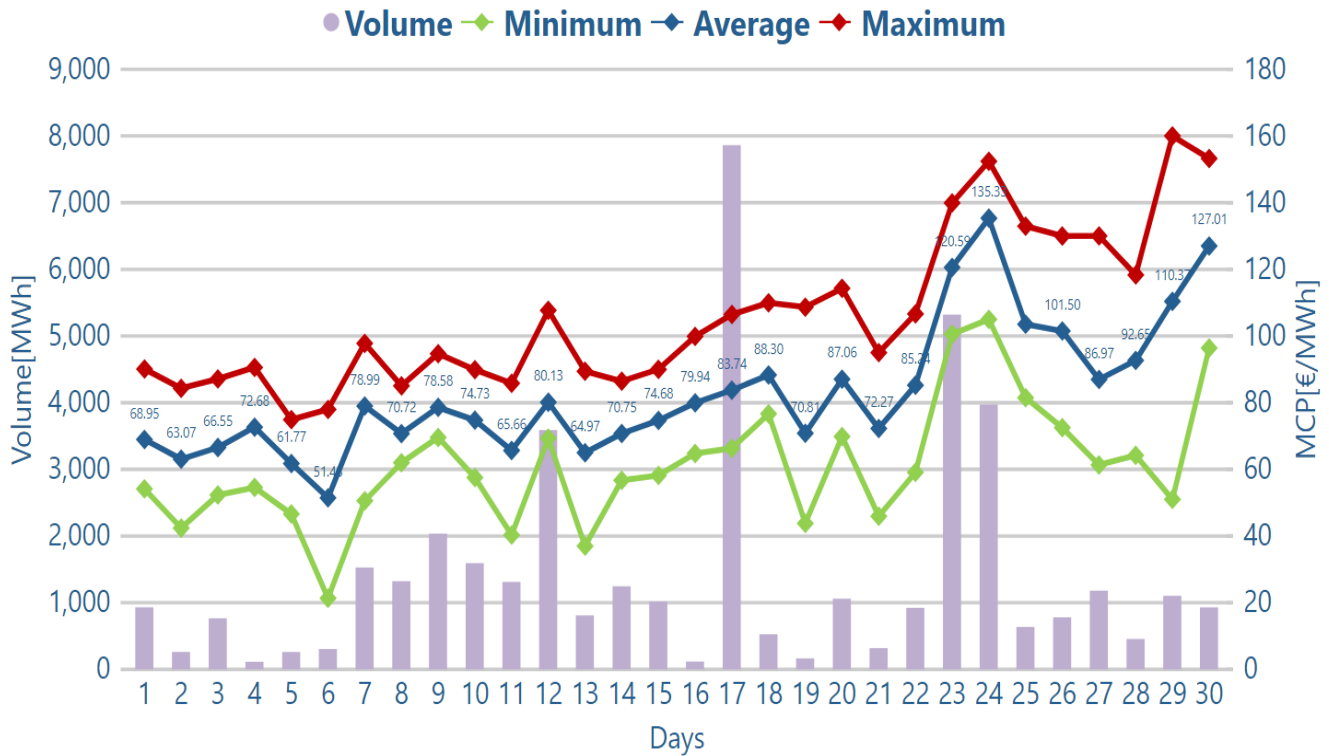


## 2. IDM

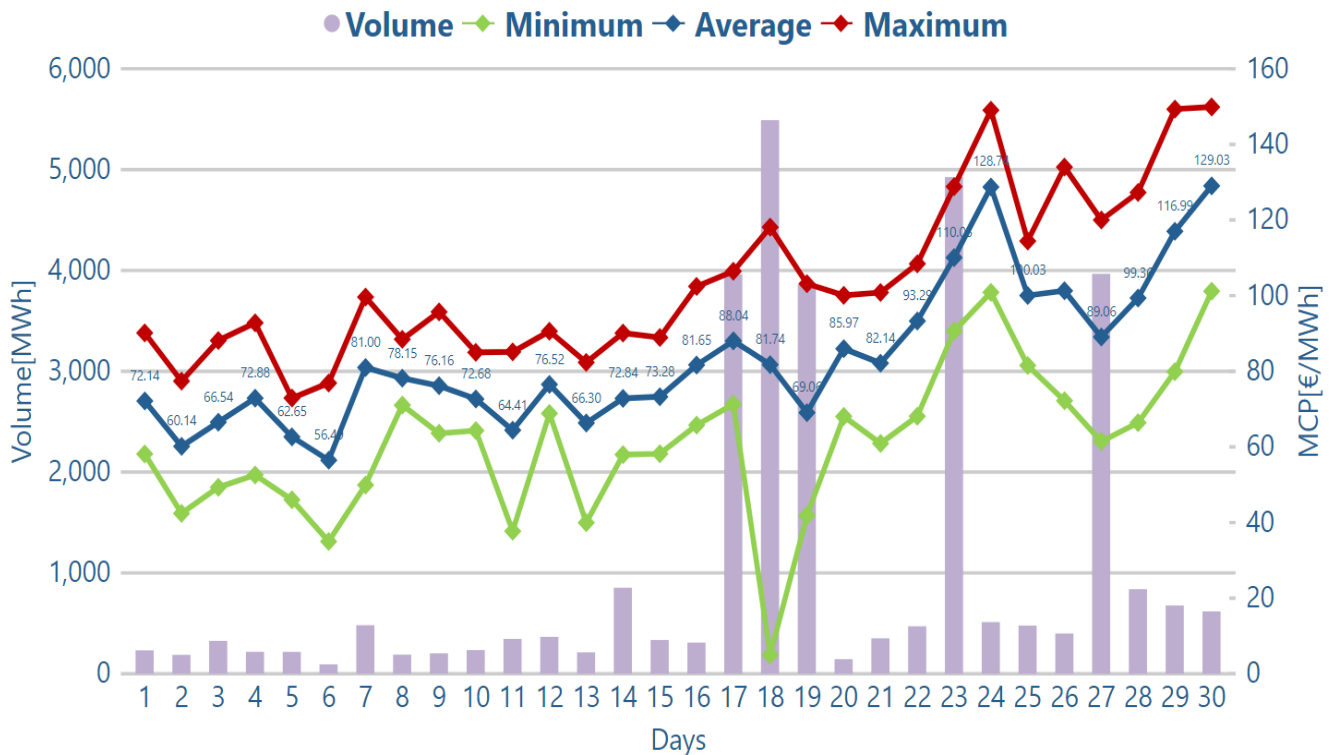
**Market Clearing Prices (MCP)**

**Volumes, technologies and order types**

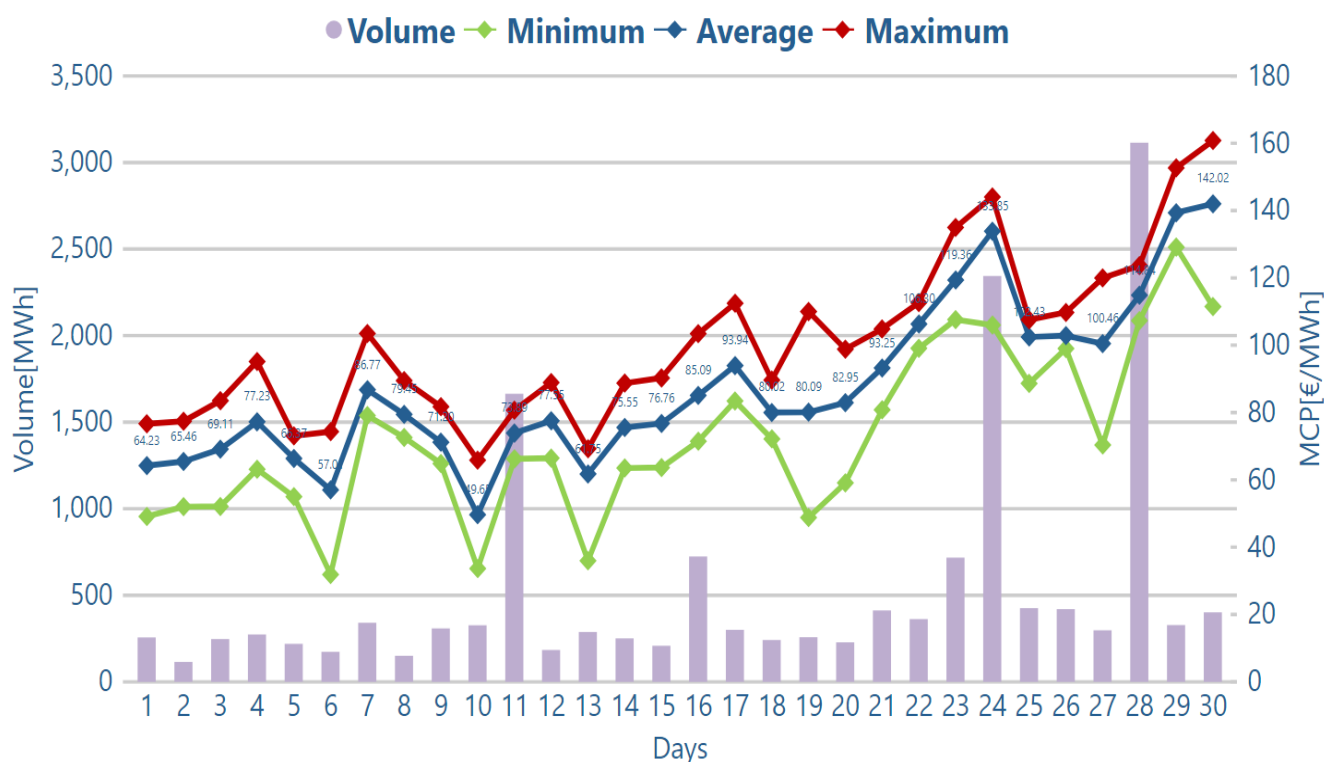
## 2.1. Daily MCP and volume · LIDA1



## 2.2. Daily MCP and volume · LIDA2



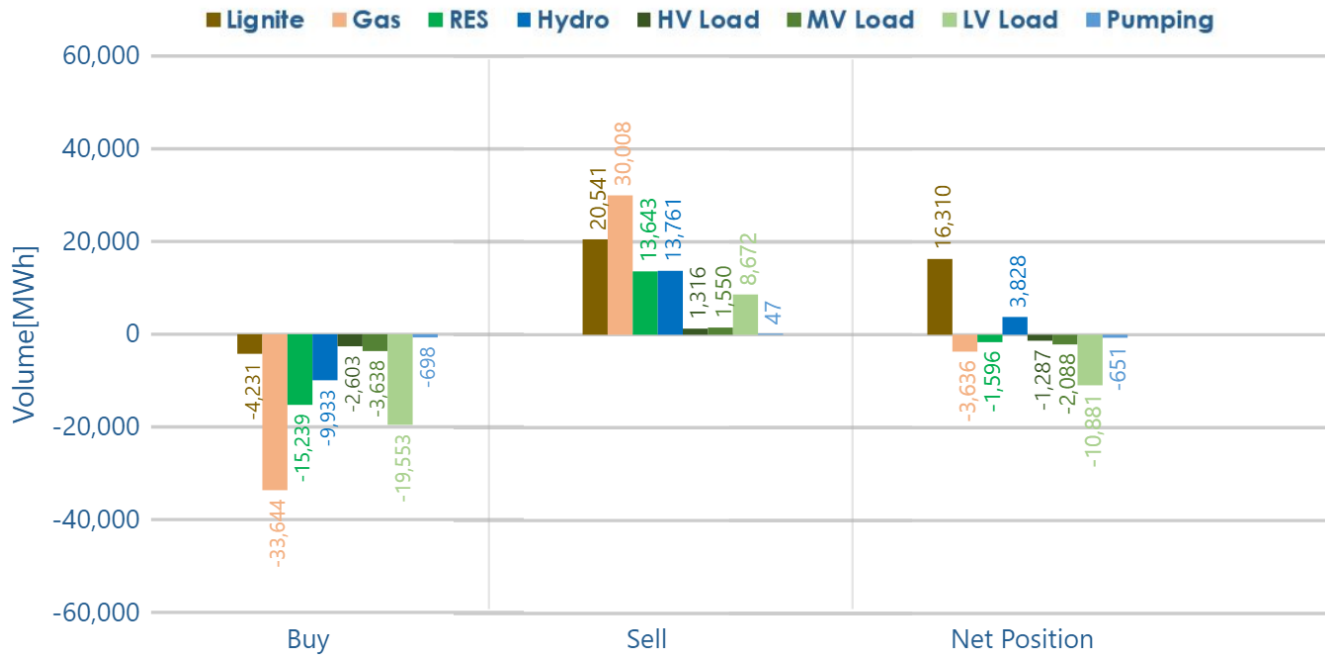
## 2.3. Daily MCP and volume · LIDA3



## 2.4. Table with MCP and volume

Year		2020	2020	2021	2021	2021	2021	2021	2021
Month		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
LIDA1	Price [€/MWh]								
	min	5.1	-1.2	0	-1.01	3.01	5	-7.90	21.34
	avg	53.21	60.26	53.57	50.67	55.64	63.17	62.53	82.97
	max	160	180	150	250	107.21	111.73	120	160
LIDA2	Volume [MWh]								
	min	16.34	-10	-19.92	-8	1	5	-0.01	5
	avg	51.84	59.09	49.90	54.32	56.82	64.88	63.12	83.62
	max	143.45	238.33	137.16	150	120	120	102.13	149.90
LIDA3	Volume [MWh]								
	min	0	-16.09	0.01	-5	3	10.50	-3	31.88
	avg	56.03	54.98	48.07	54.52	59.11	66.80	63.52	87.63
	max	350	250	115	150	110.22	109.99	98.35	160.80
Volume [MWh]		12,151	10,043	19,794	13,544	13,979	9,712	11,312	15,578

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



### 3. DAM & IDM · Aggregated Overview

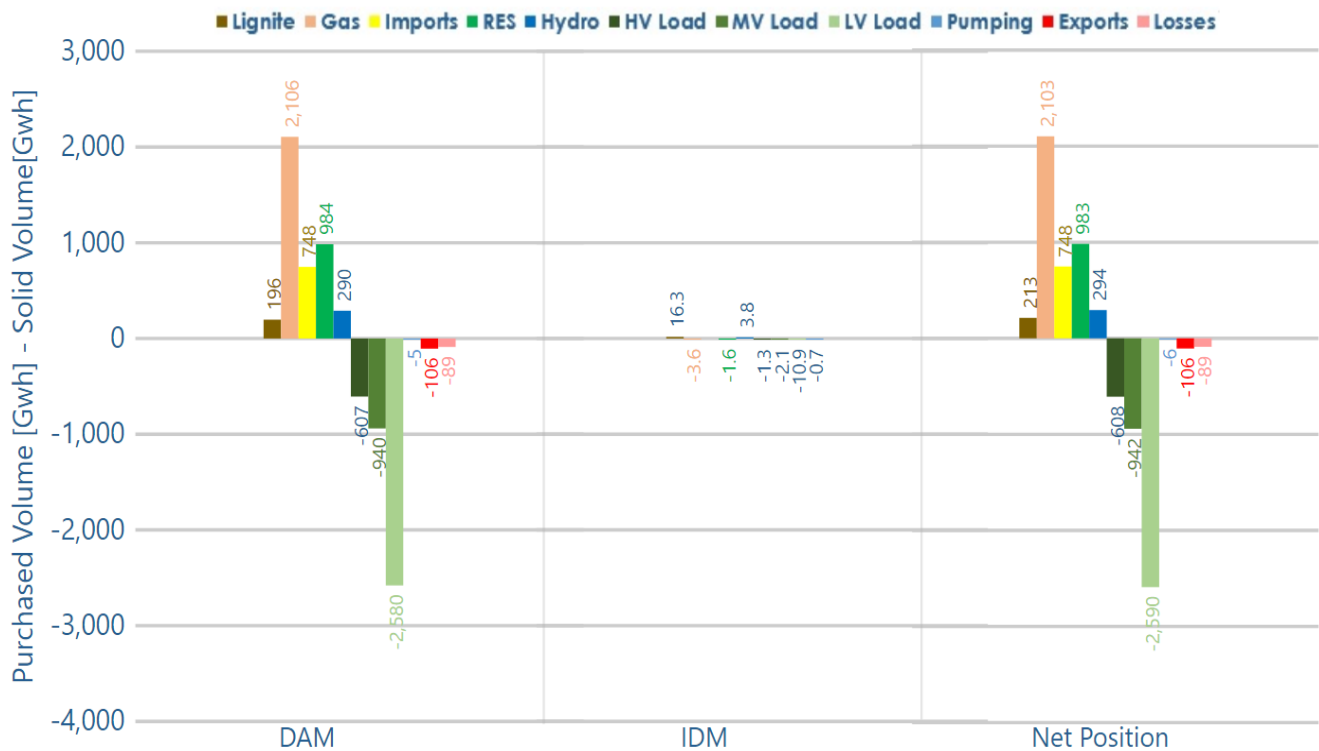
**Final Market Schedules**

**Domestic Production**

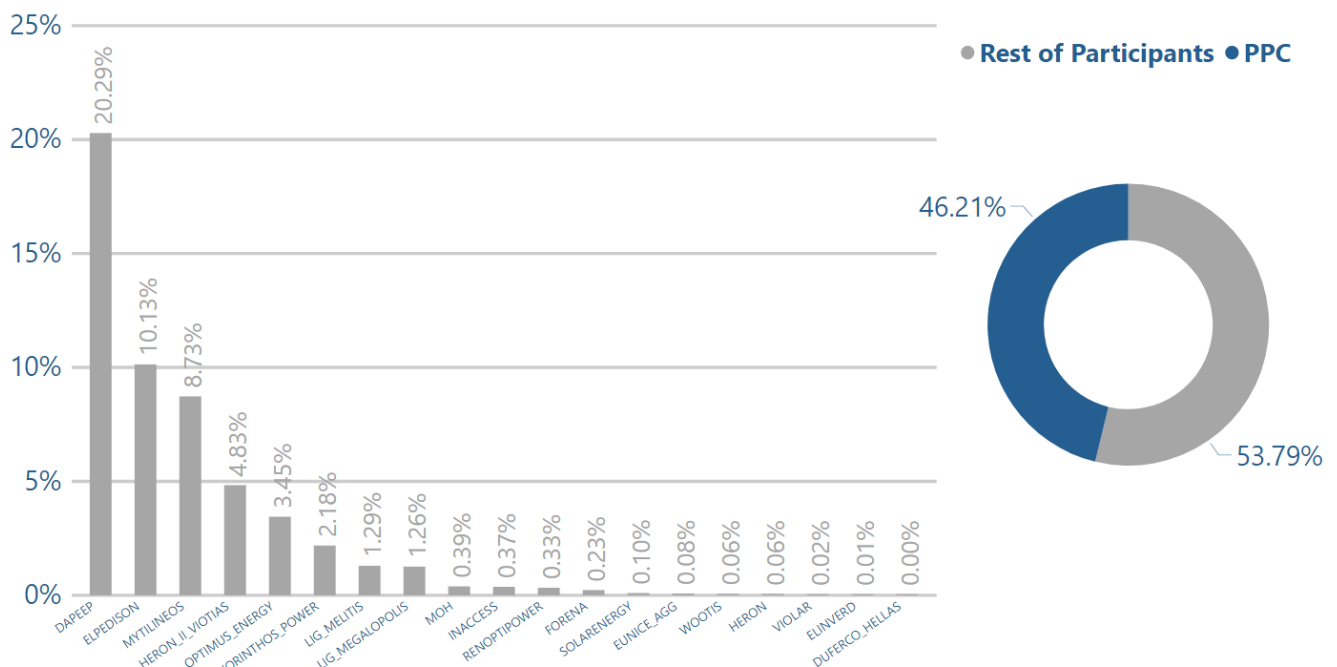
**Domestic Consumption**

**Domestic Consumption per Voltage level**

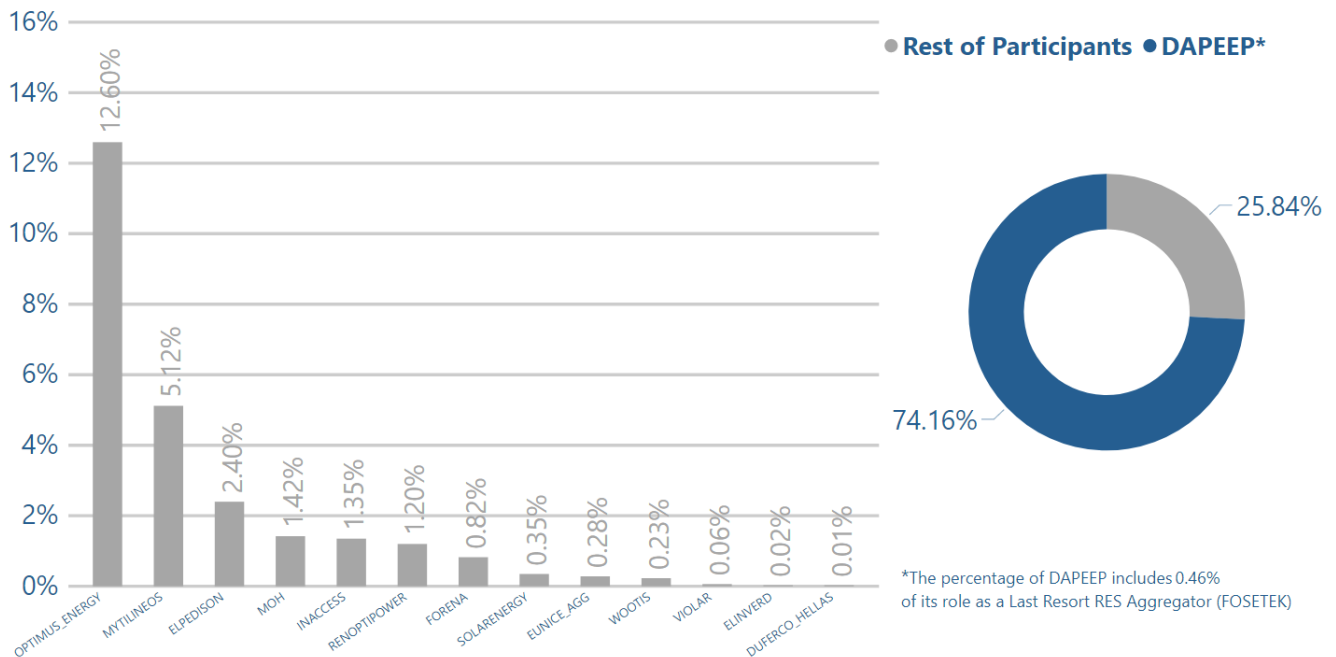
### 3.1. Market Schedules



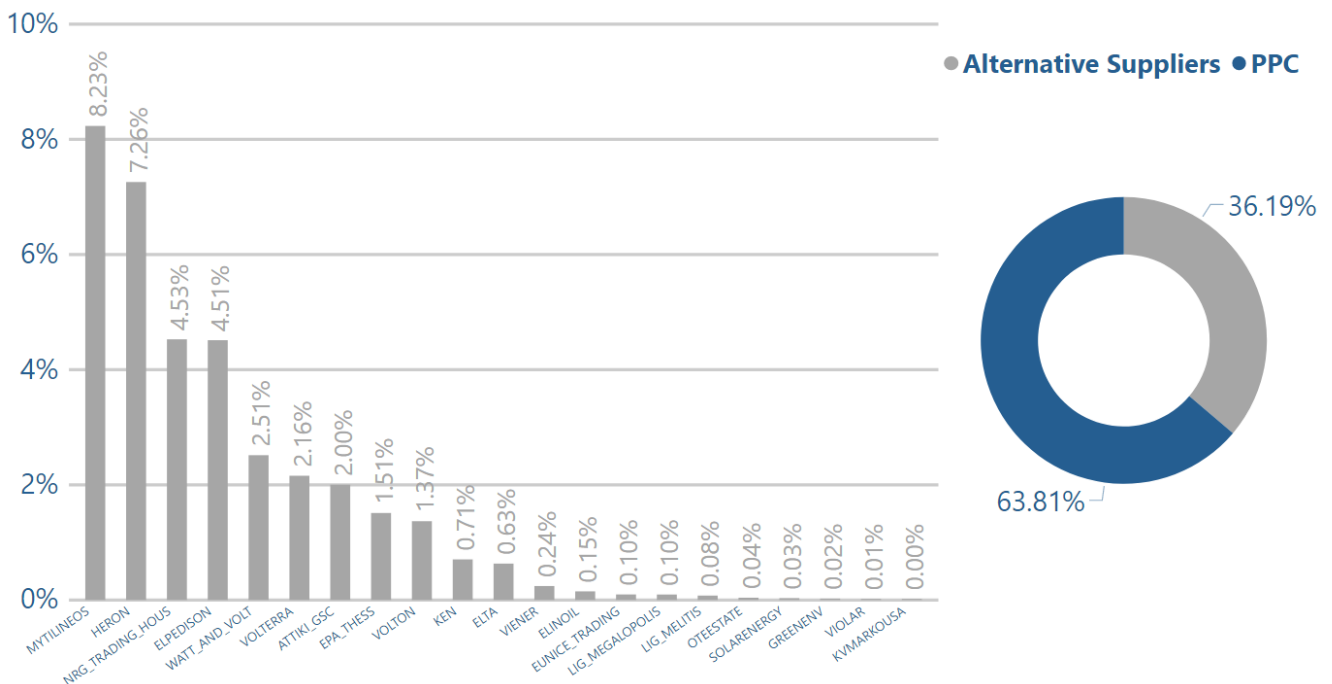
### 3.2. Final Market Schedule shares for all production units per Market Participant



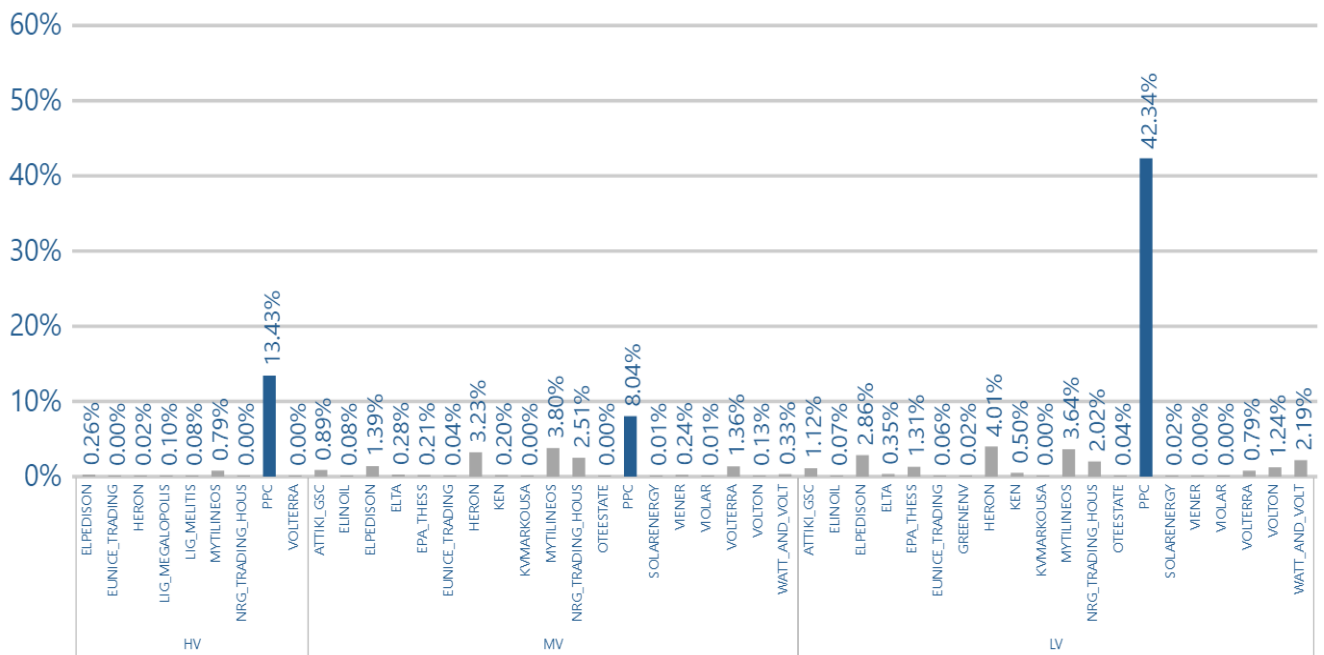
### 3.3. Final Market Schedule shares for RES production units per Market Participant



### 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