



Monthly Report · July 2022

Electricity and NGAS Markets




GENERAL TERMS AND CONDITIONS OF DATA USE

Use of the market report content is under the [EnExGroup website Terms of Use](#).

Summary	5
1. DAM	6
1.1. Daily MCP data of GR BZ	7
1.2. Daily average prices	7
1.3. Daily weighted average baseload price	8
1.4. MCP duration curve	8
1.5. Monthly volume and average prices	9
1.6. Daily average MCP of GR, IT, BG	9
1.7. Volume mix of sell side per day	10
1.8. Volume mix of sell side per month	10
1.9. Volume mix of buy side per day	11
1.10. Volume mix of buy side per month	11
1.11. Table with MCP and volume per month	12
1.12. Trades per Order type	12
1.13. Total volume and traded volume per Market Source of sell orders	13
1.14. Total volume and traded volume per Market Source of buy orders	13
1.15. Cross Border volume · Imports per day	14
1.16. Cross Border Volume · Imports per month	14
1.17. Cross Border volume · Exports per day	15
1.18. Cross Border Volume · Exports per month	15
1.19. Net position of all cross border flows	16
1.20. Cross Border Volumes (GWh) per Border	16
1.21. Market Shares of Imports and Exports per Market Participant	17
1.22. Price Coupling Data	17
1.23. Coupling Evolution	18
2. IDM	19
2.1. Daily MCP and volume · CRIDA1	20
2.2. Daily MCP and volume · CRIDA2	20
2.3. Daily MCP and volume · CRIDA3	21
2.4. Table with MCP and volume	21
2.5. Volume mix per side and net position for IDM	22
3. DAM & IDM · Aggregated Overview	23
3.1. Market Schedules	24

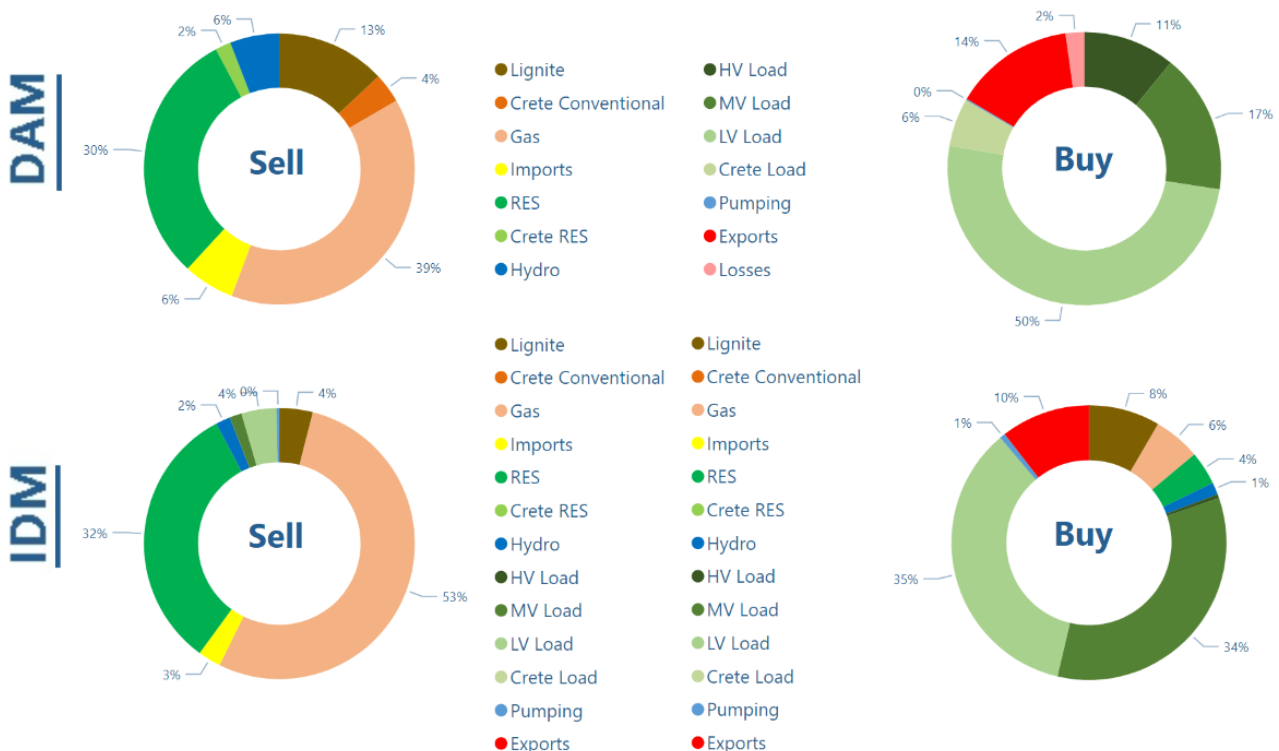
3.2.	Final Market Schedule shares for all production units per Market Participant · Greek Bidding Zone	24
3.3.	Final Market Schedule shares for RES production units per Market Participant · Greek Bidding Zone	25
3.4.	Final Market Schedules shares for domestic load per Market Participant · Mainland	25
3.5.	Final Market Schedule Final Schedules shares for domestic load per Market Participant · Crete	26
3.6.	Final Market Schedules shares for domestic load per Market Participant at each Voltage Level · Mainland	26
3.7.	Energy flow between Greece Mainland and Crete	27
4.	Natural Gas TP	28
4.1.	HEnEx NGAS indices	29
4.2.	Trading Volume per Trading Day	29
4.3.	Trading Volume per Product & Session	30
4.4.	Volume, Closing, Min, & Max Prices per Trading Day & Product	30
5.	Annex	31
	Definitions	31
	Data Sources	31
	Market Details	31
	Changes on Figures	31

Summary

	Jul 2022	Jun 2022	Jul 2021	<u>DAM</u>	<u>CRIDA1</u>	<u>CRIDA2</u>	<u>CRIDA3</u>	<u>NGAS*</u>
 Price	€ /MWh			338.14	316.84	288.59	323.58	130.66
				240.49	237.46	236.83	253.13	105.08
				101.86	97.68	100.91	111.27	
 Volume	GWh			5,988	162.9	45.9	29.0	231.16
				4,950	34.4	39.0	28.1	236.49
				5,667	38.2	18.8	26.5	
 Value	M €			2,039.8	57.20	15.24	10.48	30.21
				1,226.4	8.67	10.05	7.50	24.85
				589.9	4.23	1.91	3.10	

*The NGAS and XBID Price (€/MWh) refers to the weighted average of all trades (incl. all contracts) of the respective month. All volumes are one sided. XBID volumes are the average of all sell/buy trades.

Volume mix



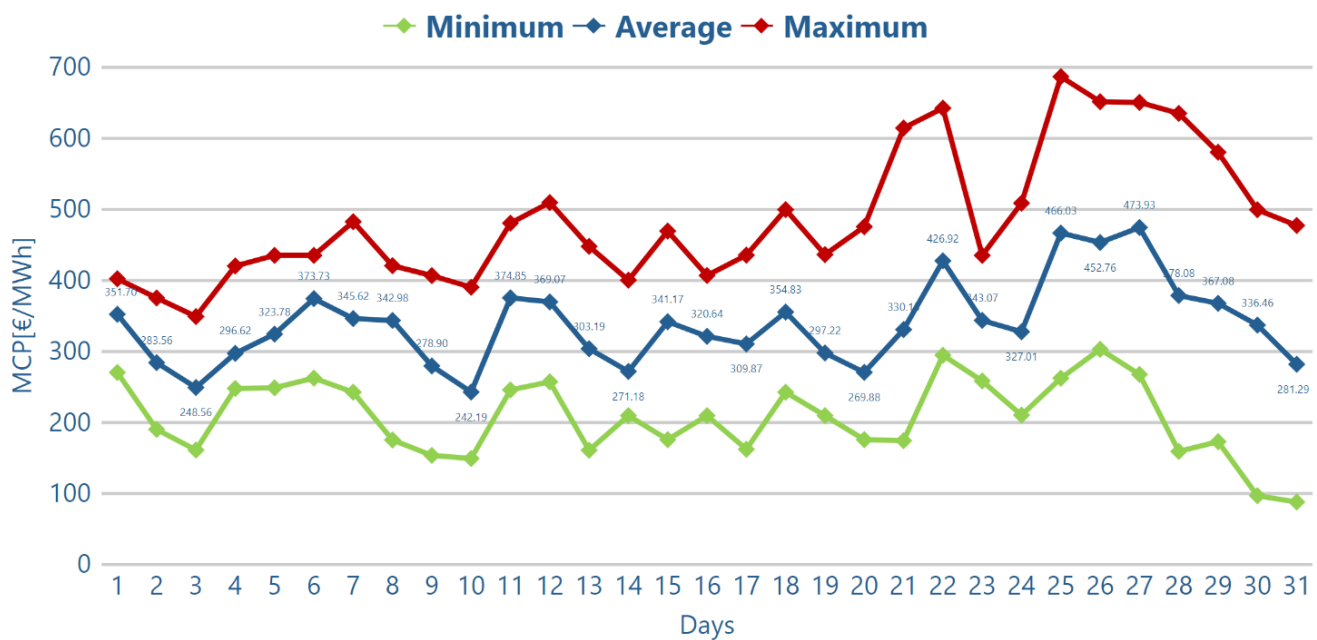
1. DAM

Market Clearing Price (MCP)

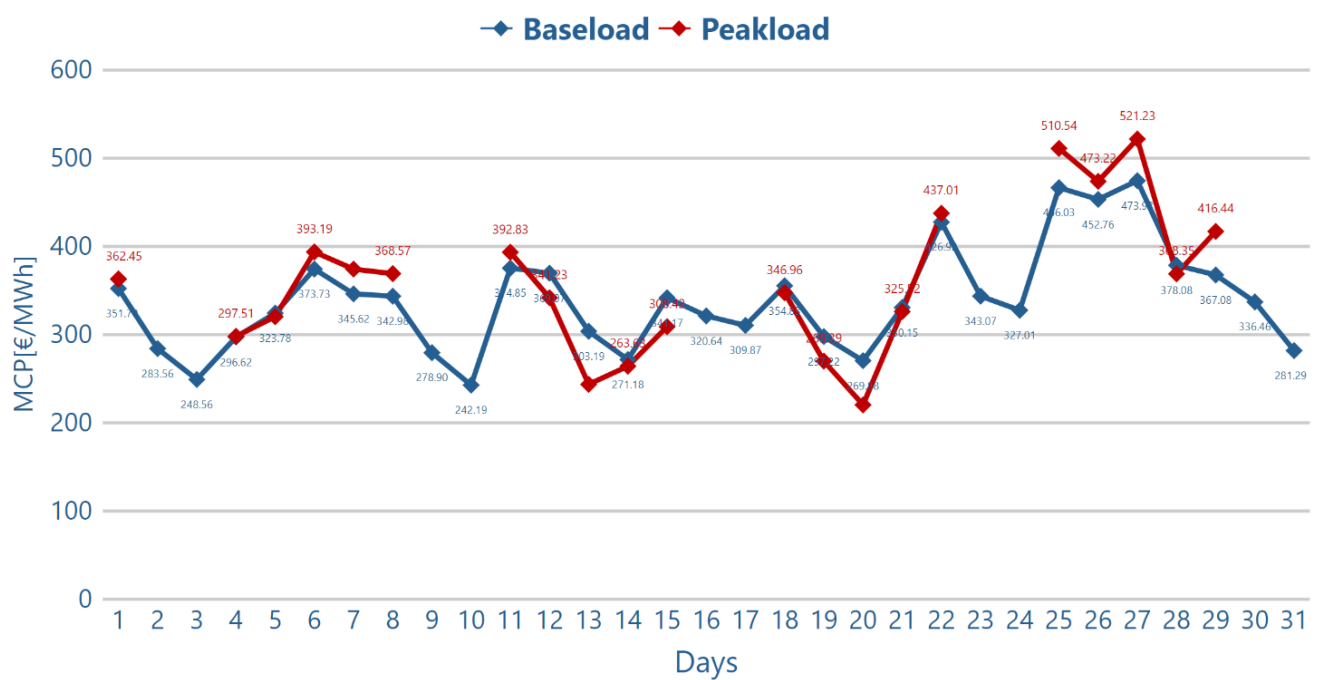
Volumes, technologies and order types

Interconnections

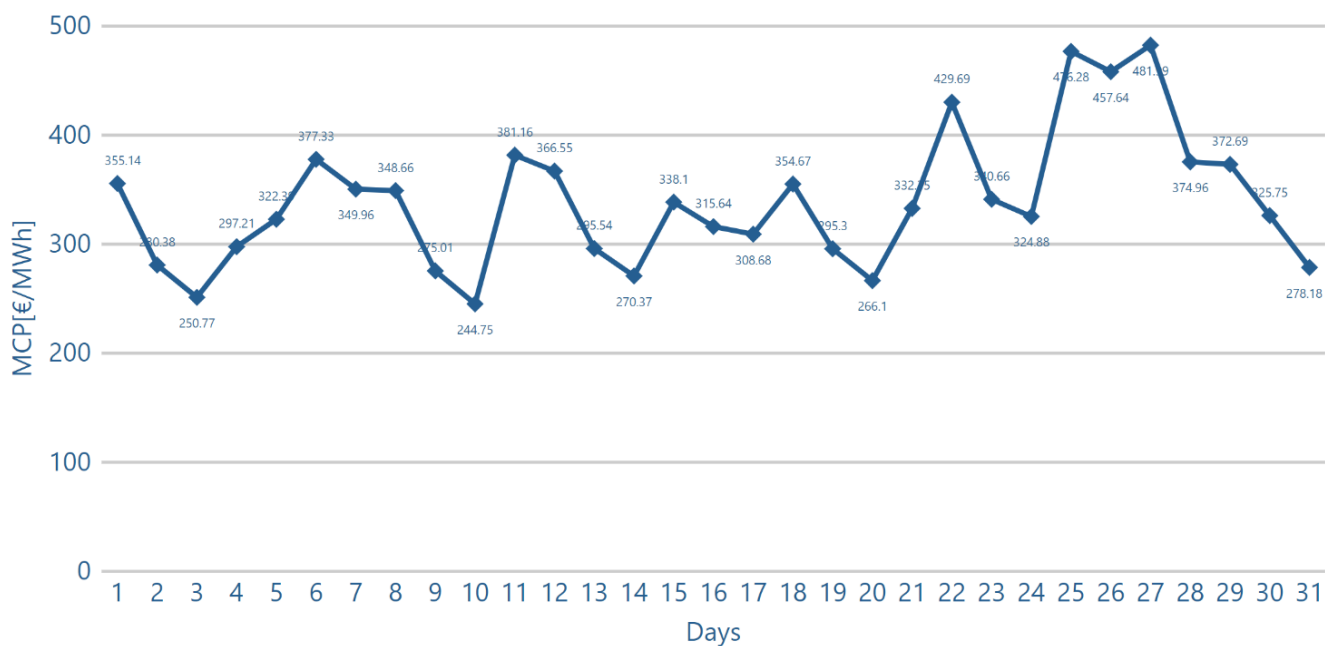
1.1. Daily MCP data of GR BZ



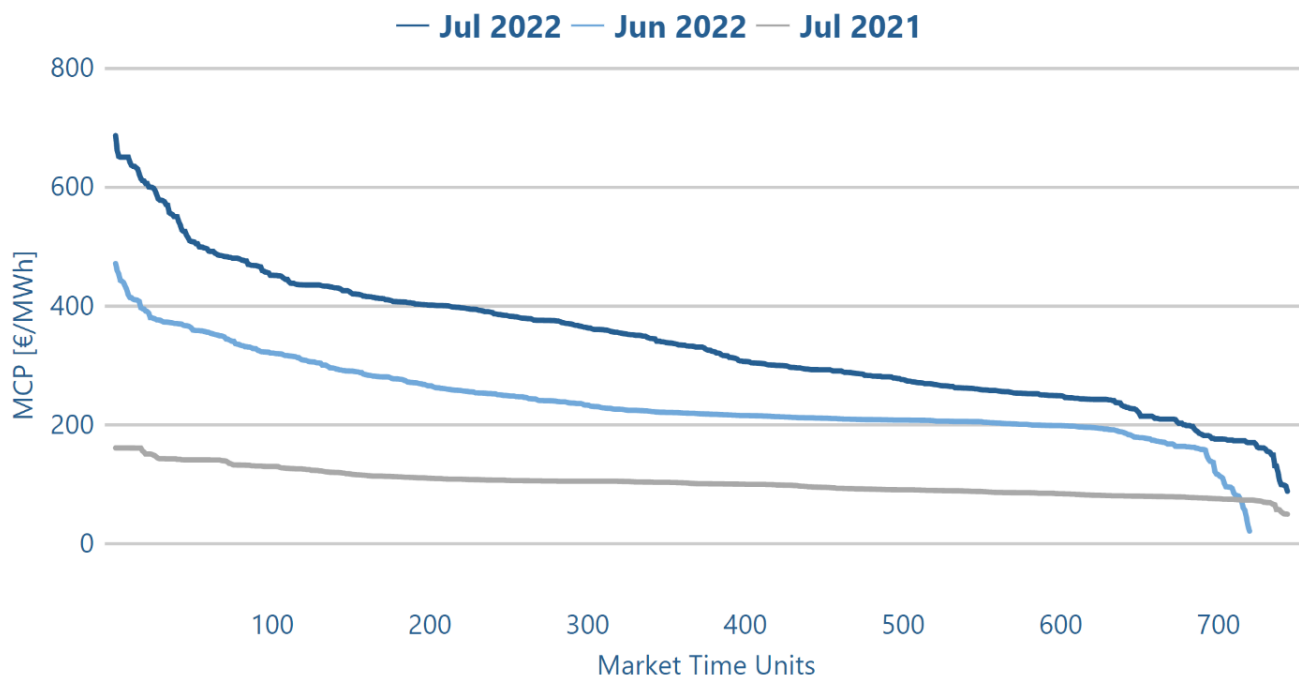
1.2. Daily average prices



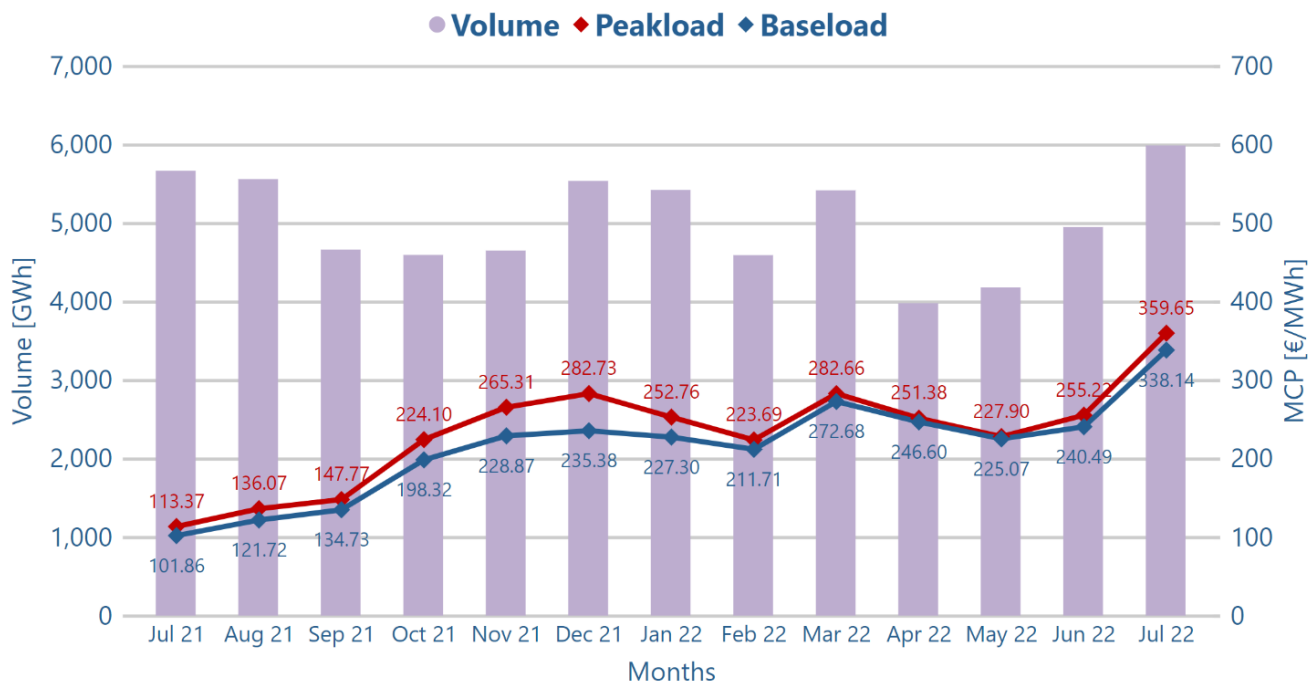
1.3. Daily weighted average baseload price



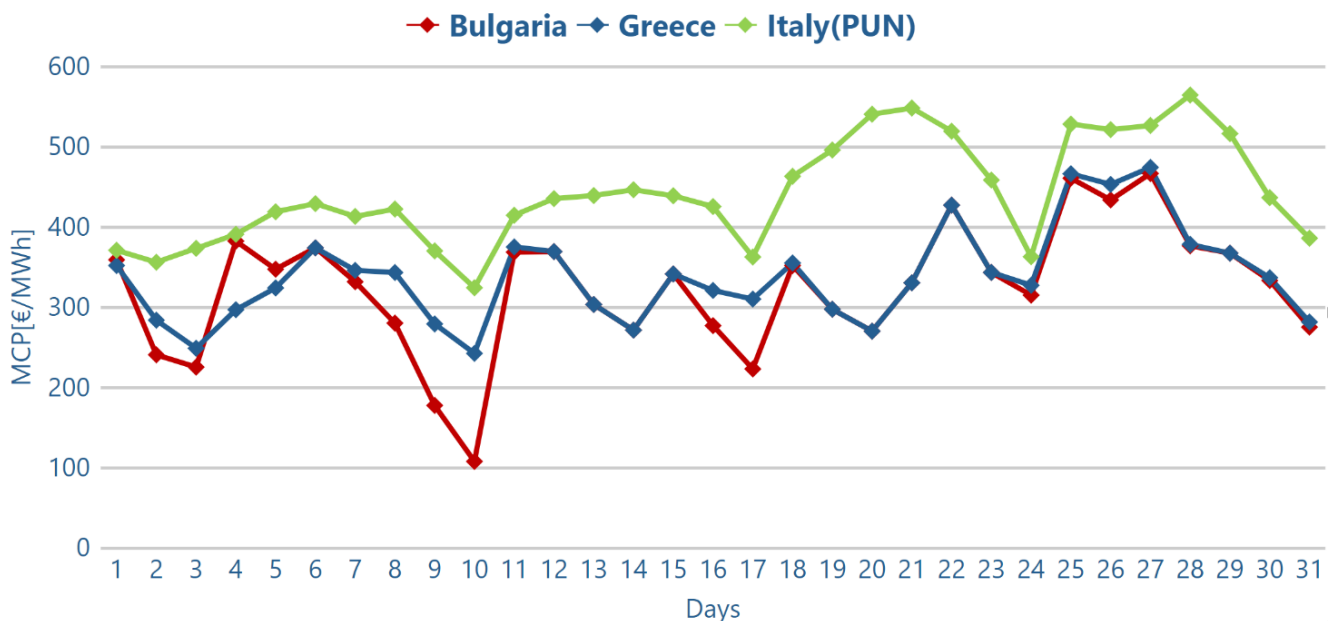
1.4. MCP duration curve



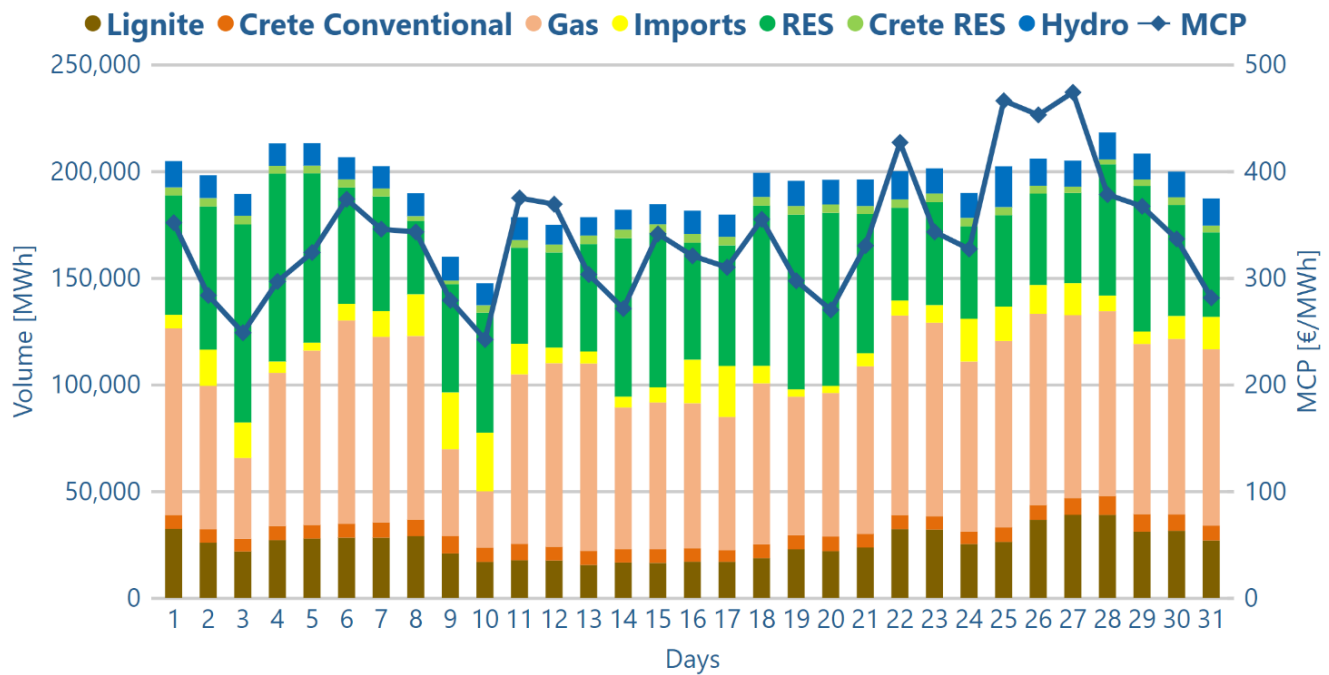
1.5. Monthly volume and average prices



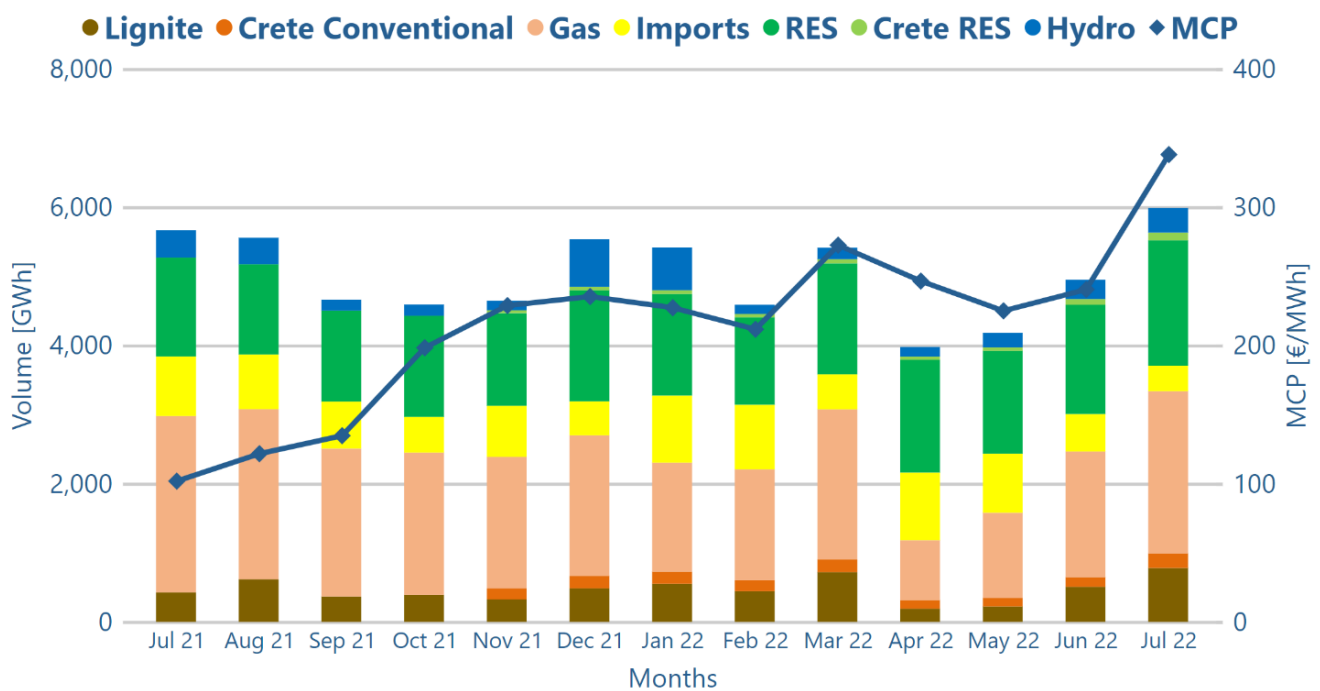
1.6. Daily average MCP of GR, IT, BG



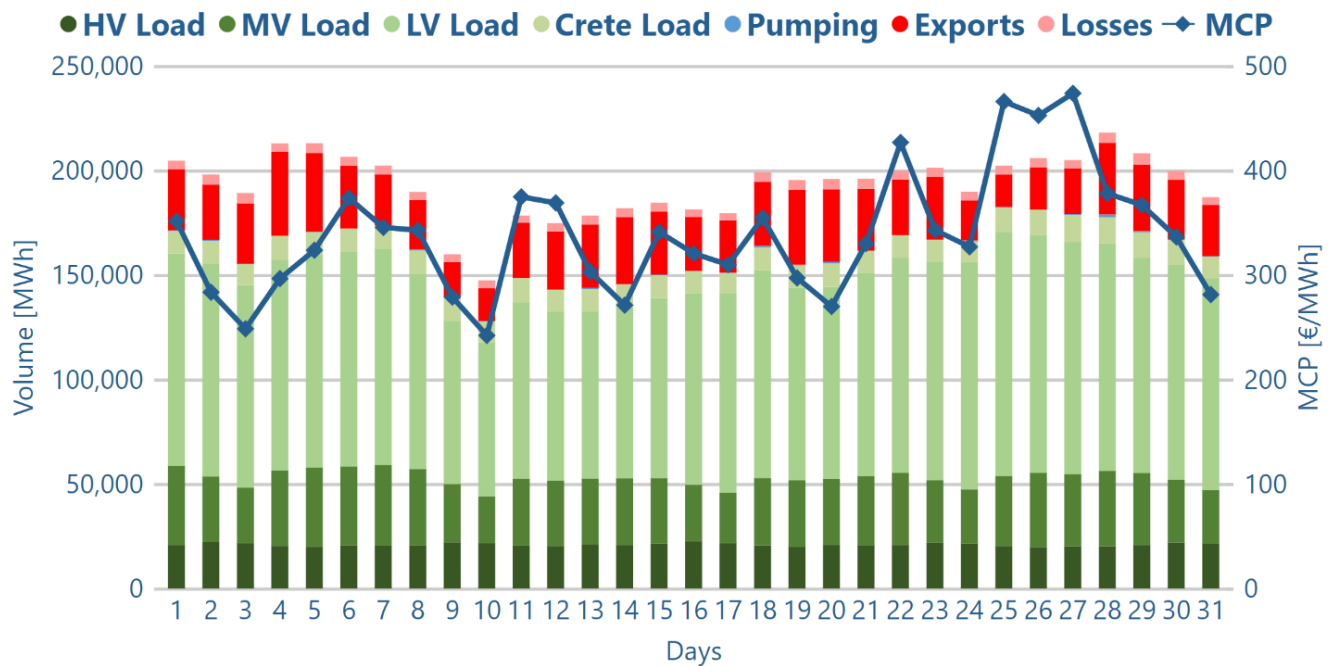
1.7. Volume mix of sell side per day



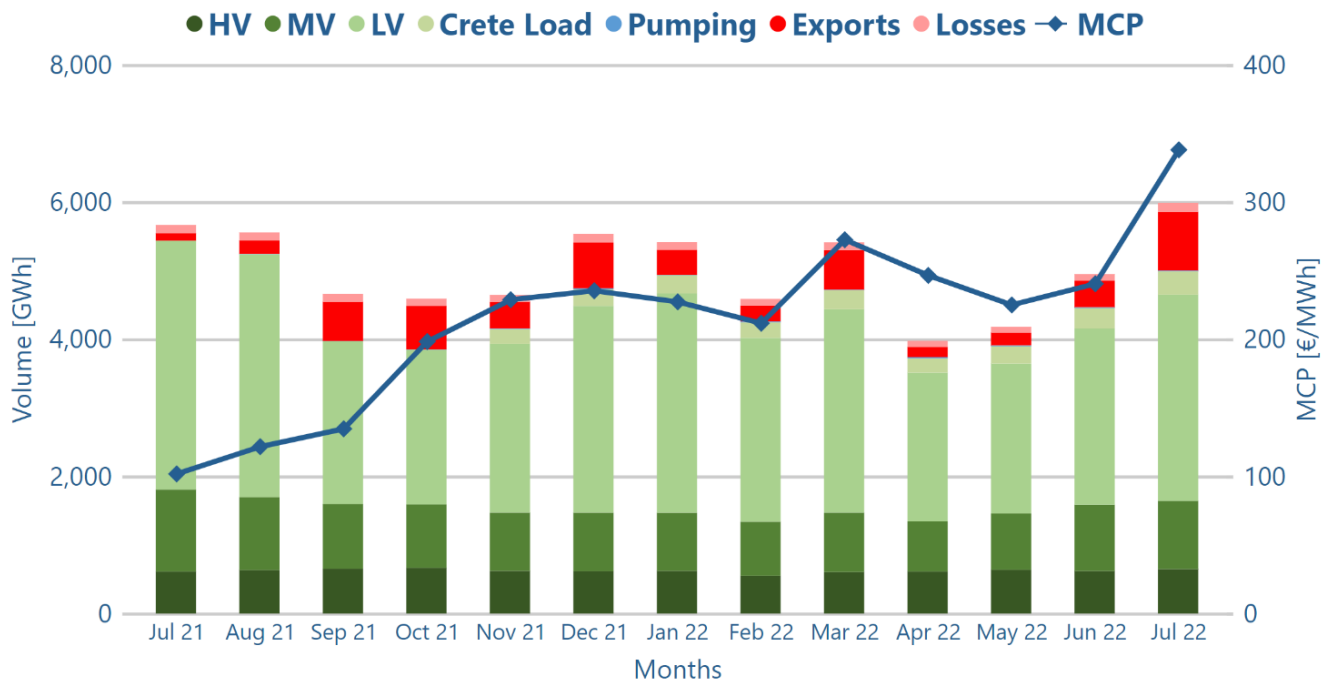
1.8. Volume mix of sell side per month



1.9. Volume mix of buy side per day



1.10. Volume mix of buy side per month

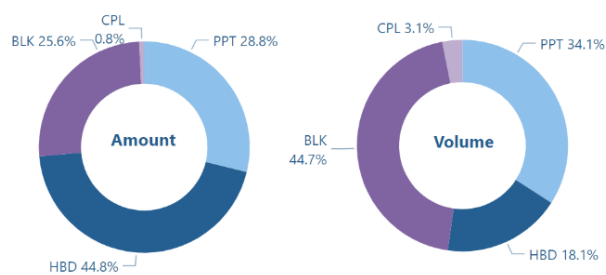


1.11. Table with MCP and volume per month

Year	Month	Minimum MCP [€/MWh]	Average MCP [€/MWh]		Maximum MCP [€/MWh]	Peakload MCP [€/MWh]		Volume [Gwh]
2021	July	48.79	101.86	↑ 22%	160.37	113.37	↑ 27%	5,667
2021	August	62.71	121.72	↑ 19%	208.12	136.07	↑ 20%	5,558
2021	September	59.50	134.73	↑ 11%	216.94	147.77	↗ 9%	4,660
2021	October	78.56	198.32	↑ 47%	344.00	224.10	↑ 52%	4,594
2021	November	37.38	228.87	↑ 15%	385.00	265.31	↑ 18%	4,649
2021	December	9.70	235.38	↗ 3%	542.50	282.73	↗ 7%	5,535
2022	January	9.70	227.30	↘ -3%	377.40	252.76	↓ -11%	5,420
2022	February	83.65	211.71	↘ -7%	349.00	223.69	↓ -11%	4,590
2022	March	98.32	272.68	↑ 29%	600.07	282.66	↑ 26%	5,417
2022	April	0.09	246.60	↘ -10%	403.14	251.38	↓ -11%	3,978
2022	May	60.80	225.07	↘ -9%	338.65	227.90	↘ -9%	4,181
2022	June	20.23	240.49	↗ 7%	470.90	255.22	↑ 12%	4,950
2022	July	87.38	338.14	↑ 41%	686.25	359.65	↑ 41%	5,988

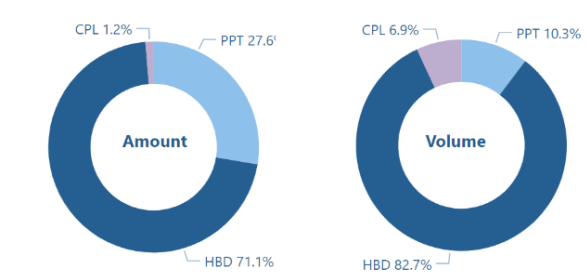
1.12. Trades per Order type

Sell Side



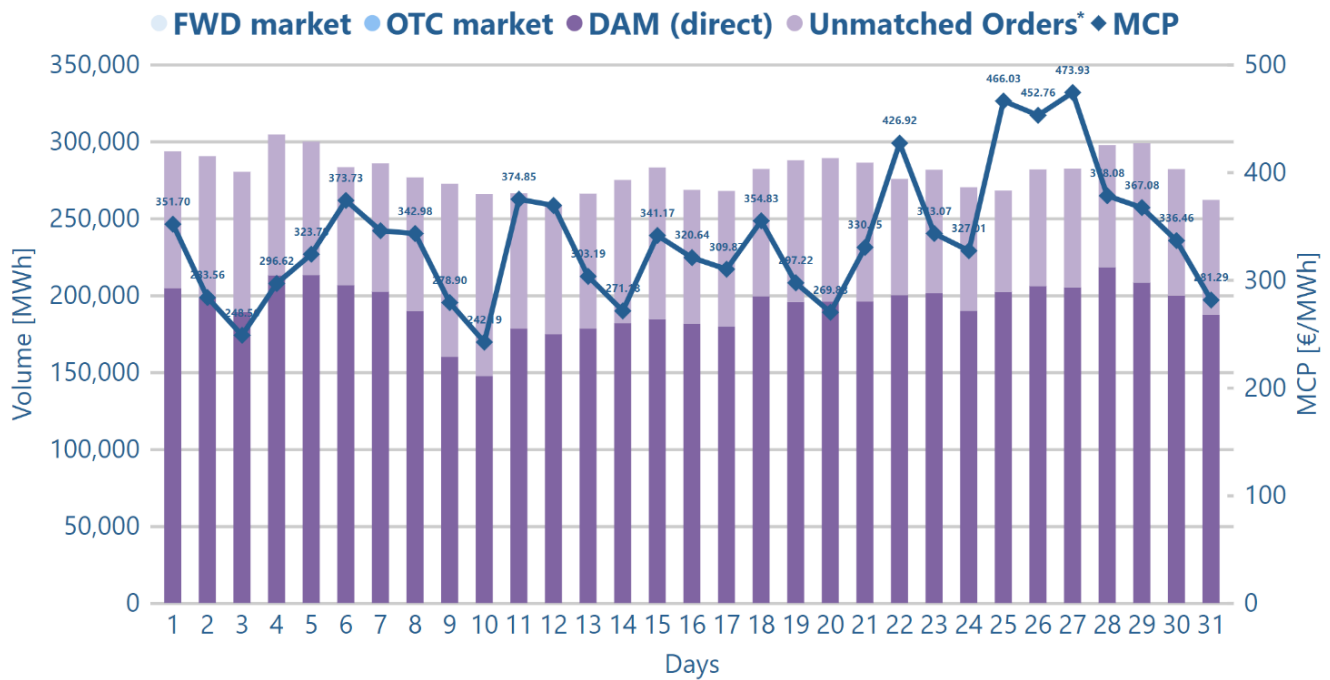
	PPT	HBD	BLK	CPL
Amount	17125	26648	15239	460
Volume [GWh]	2041	1086	2677	184

Buy Side



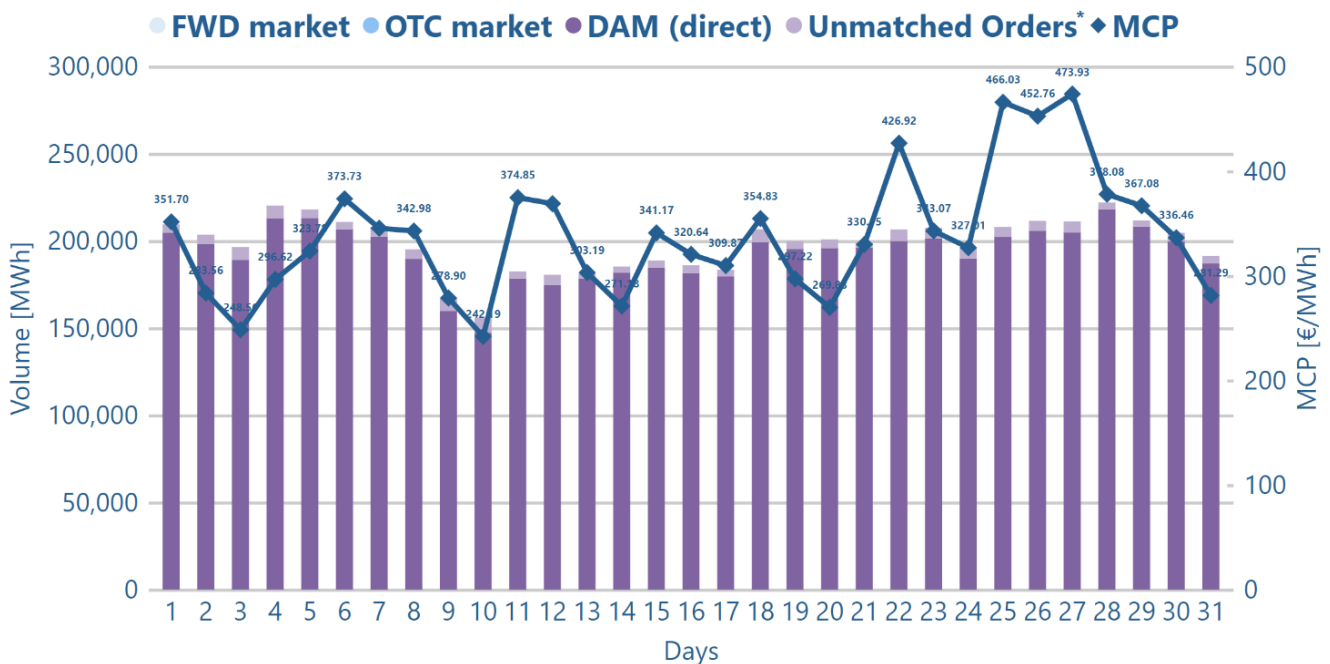
	PPT	HBD	CPL
Amount	22715	58514	1028
Volume [GWh]	619	4954	415

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



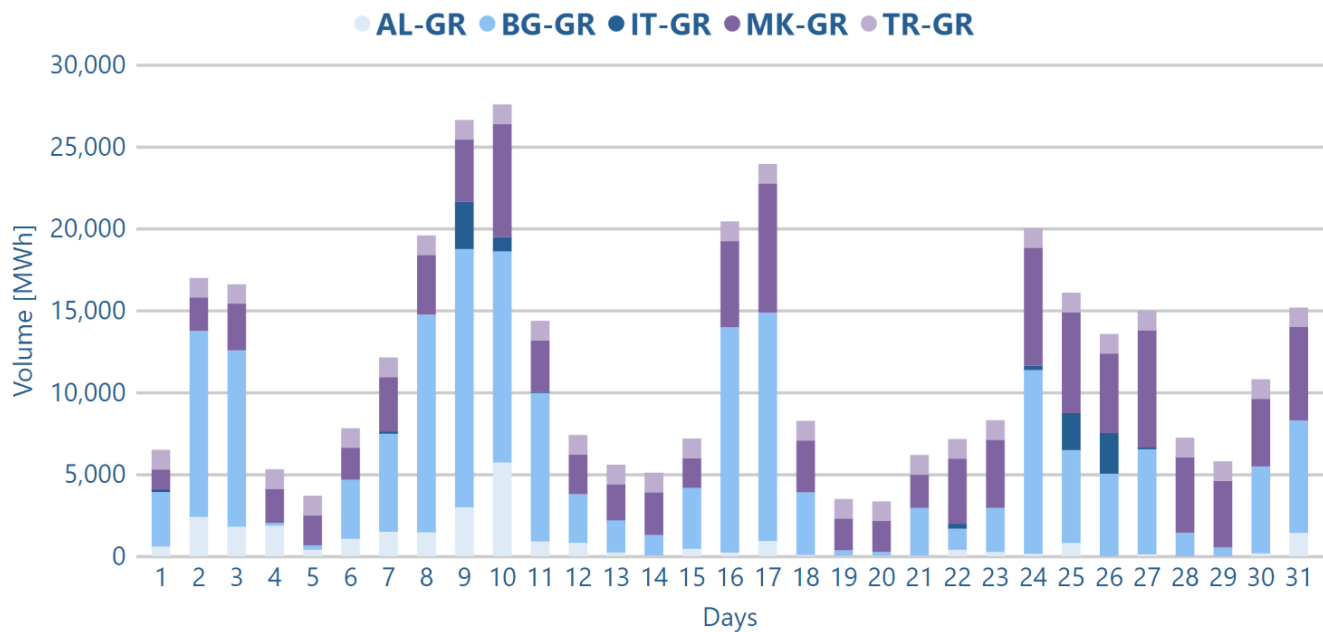
*The Unmatched Orders include all sell orders that have not been included in the algorithm (excluding block orders).

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

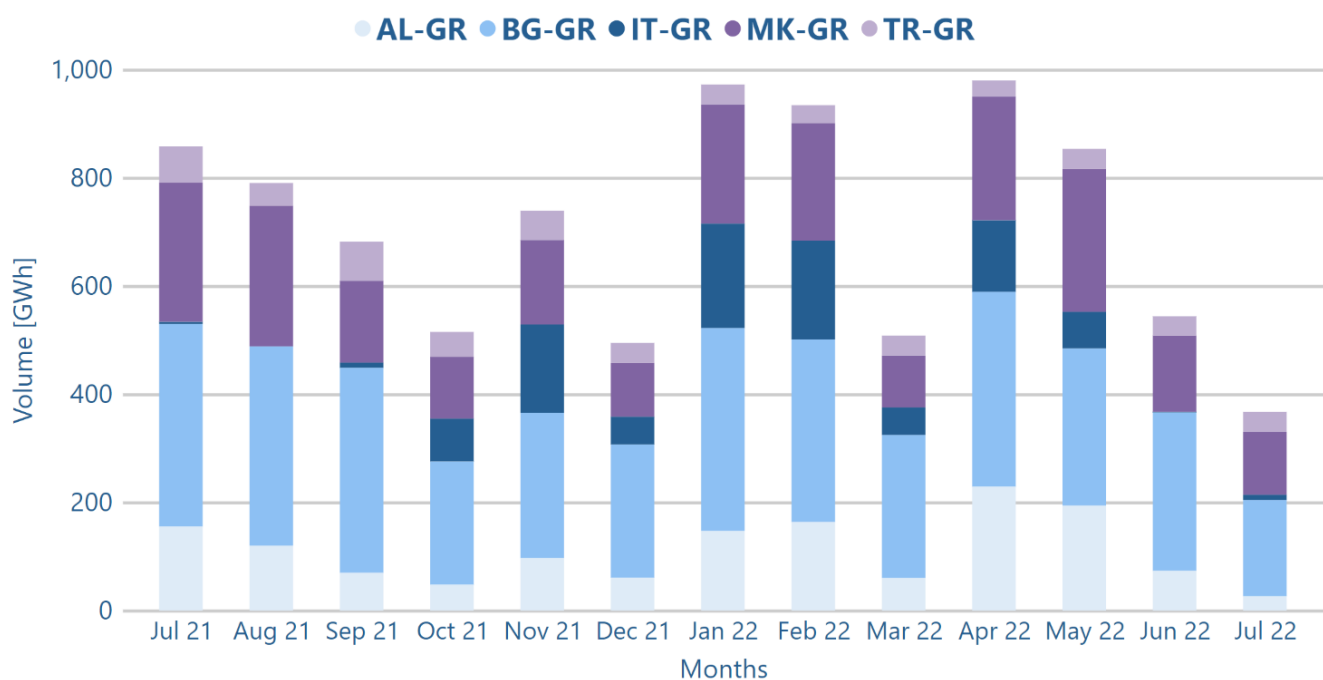


*The Unmatched Orders include all buy orders that have not been included in the algorithm.

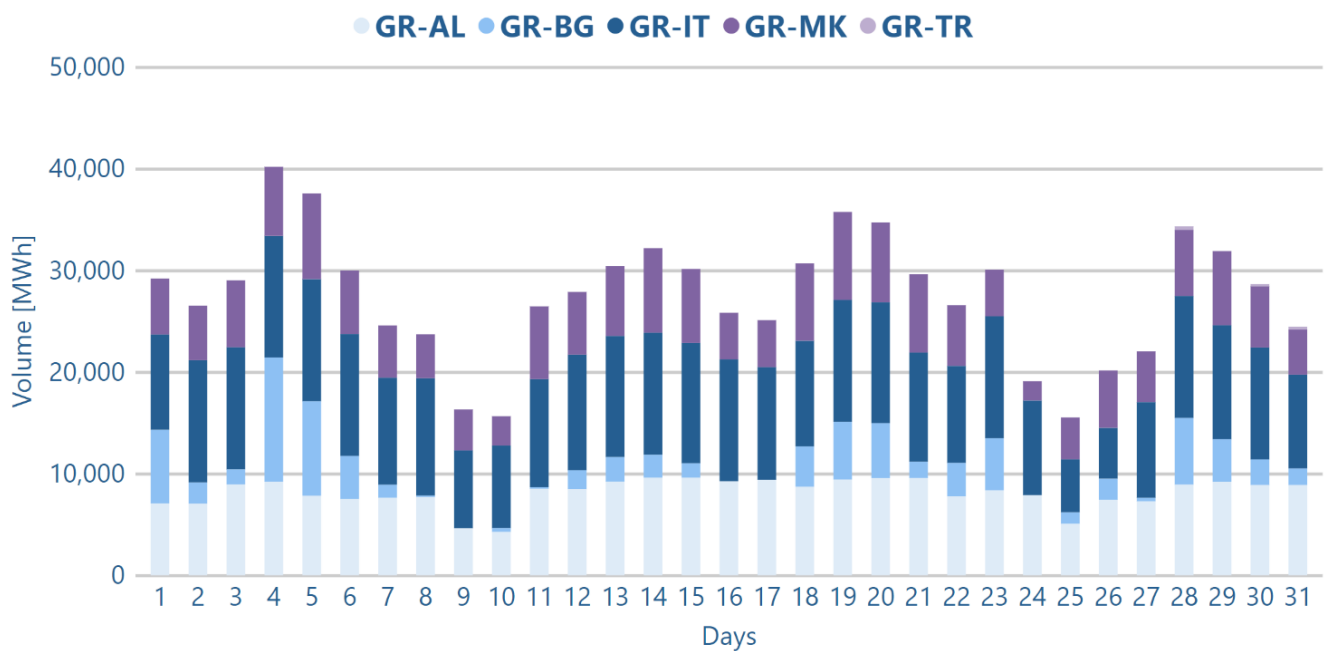
1.15. Cross Border volume · Imports per day



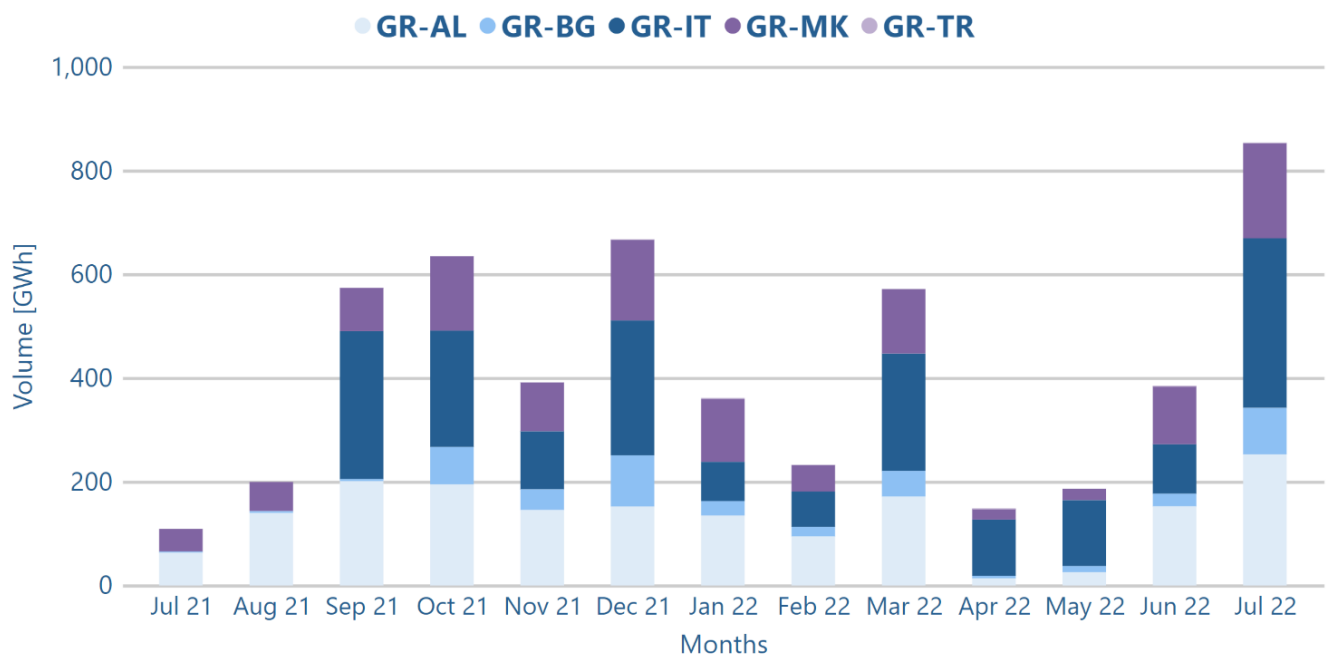
1.16. Cross Border Volume · Imports per month



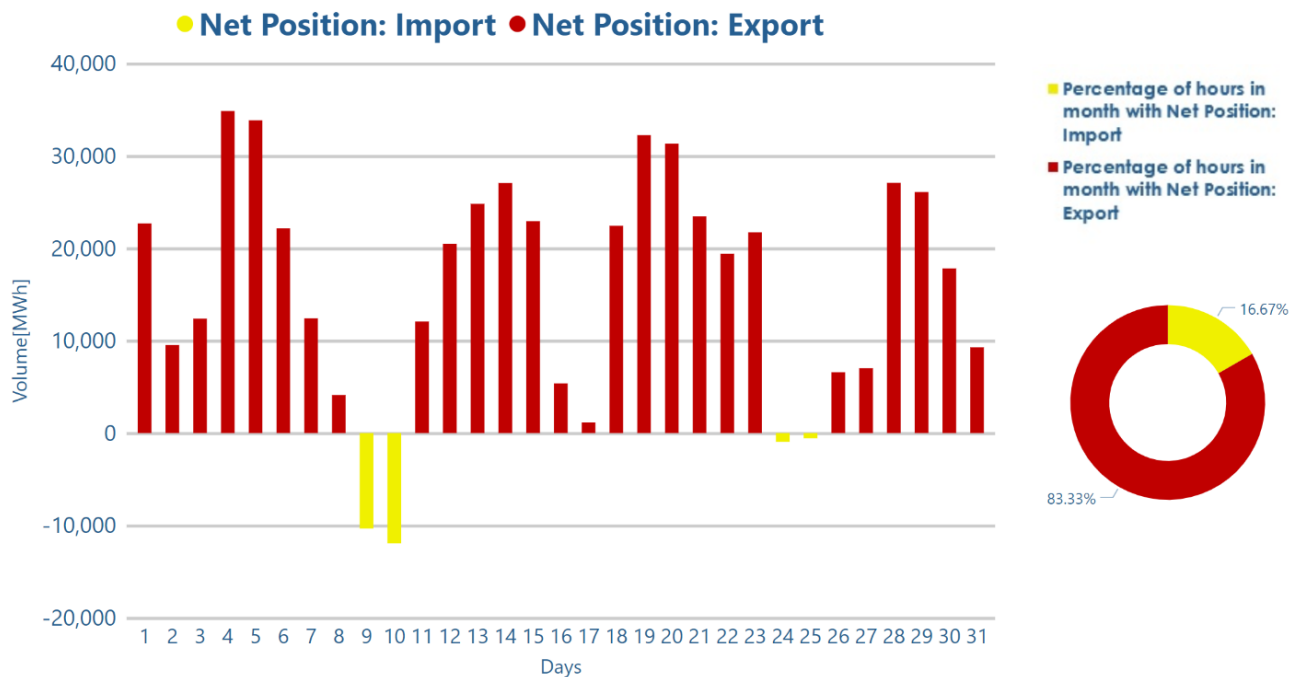
1.17. Cross Border volume · Exports per day



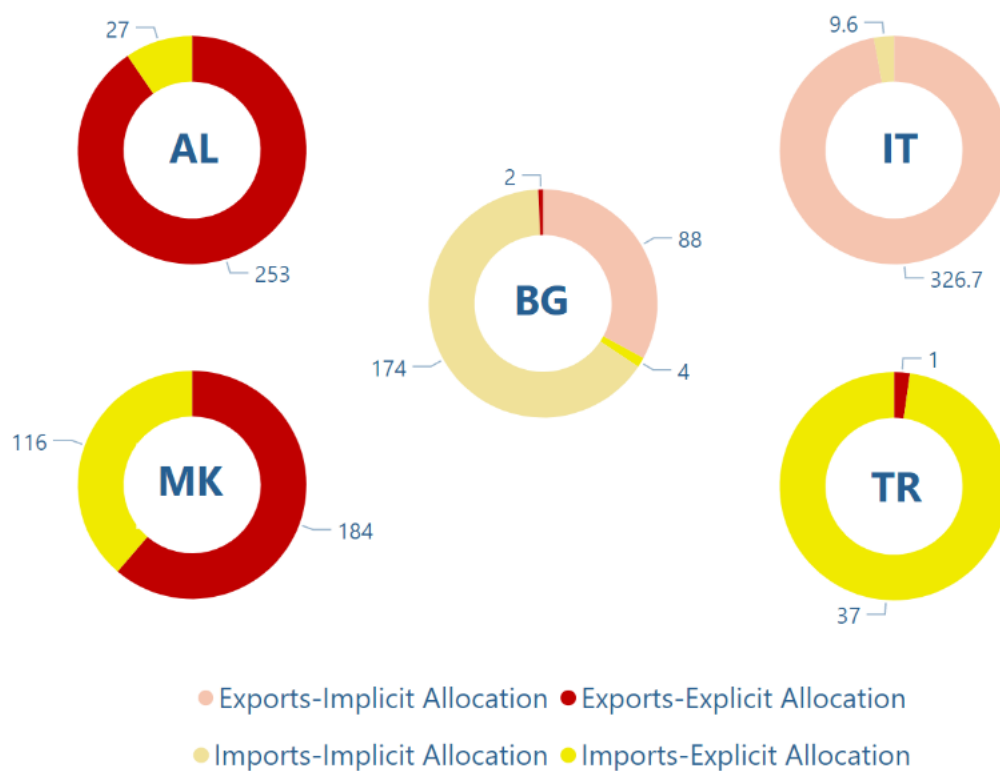
1.18. Cross Border Volume · Exports per month



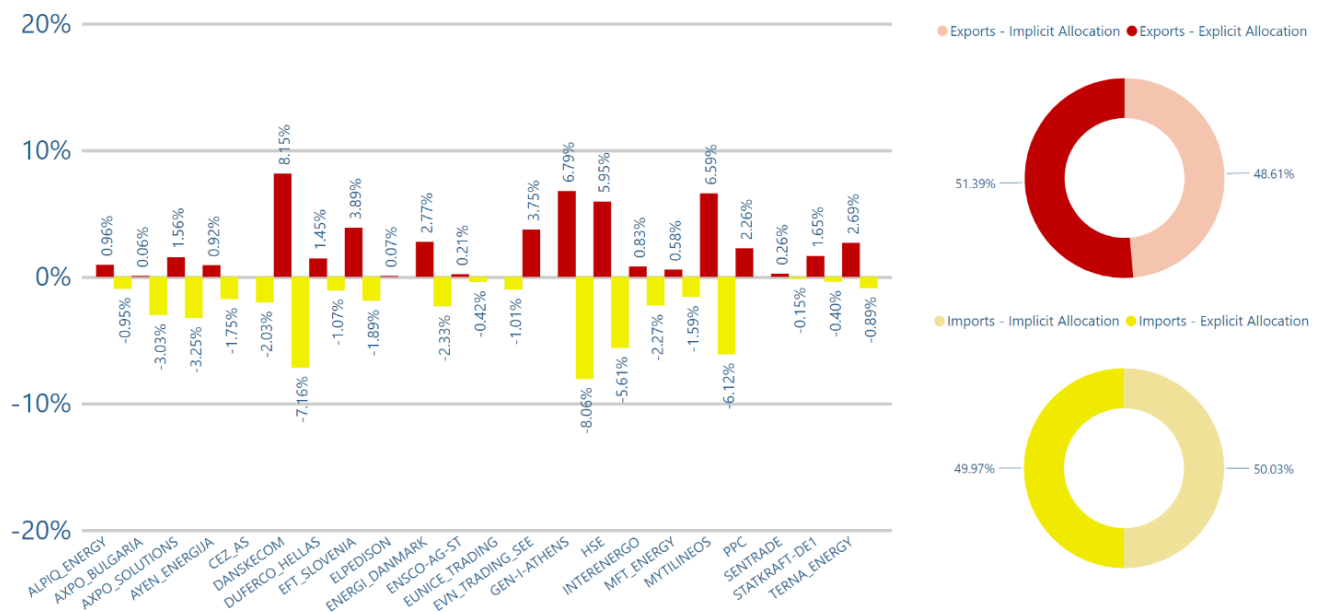
1.19. Net position of all cross border flows



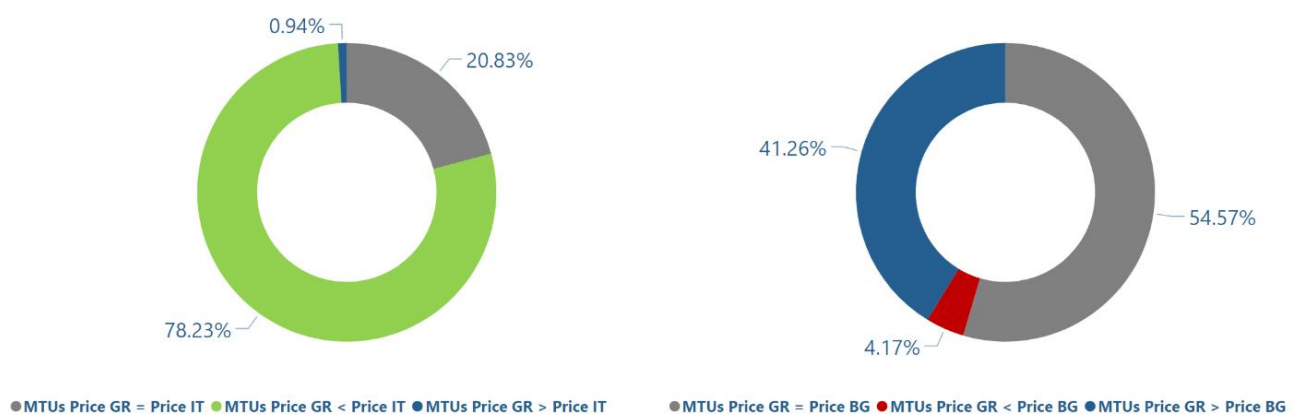
1.20. Cross Border Volumes (GWh) per Border



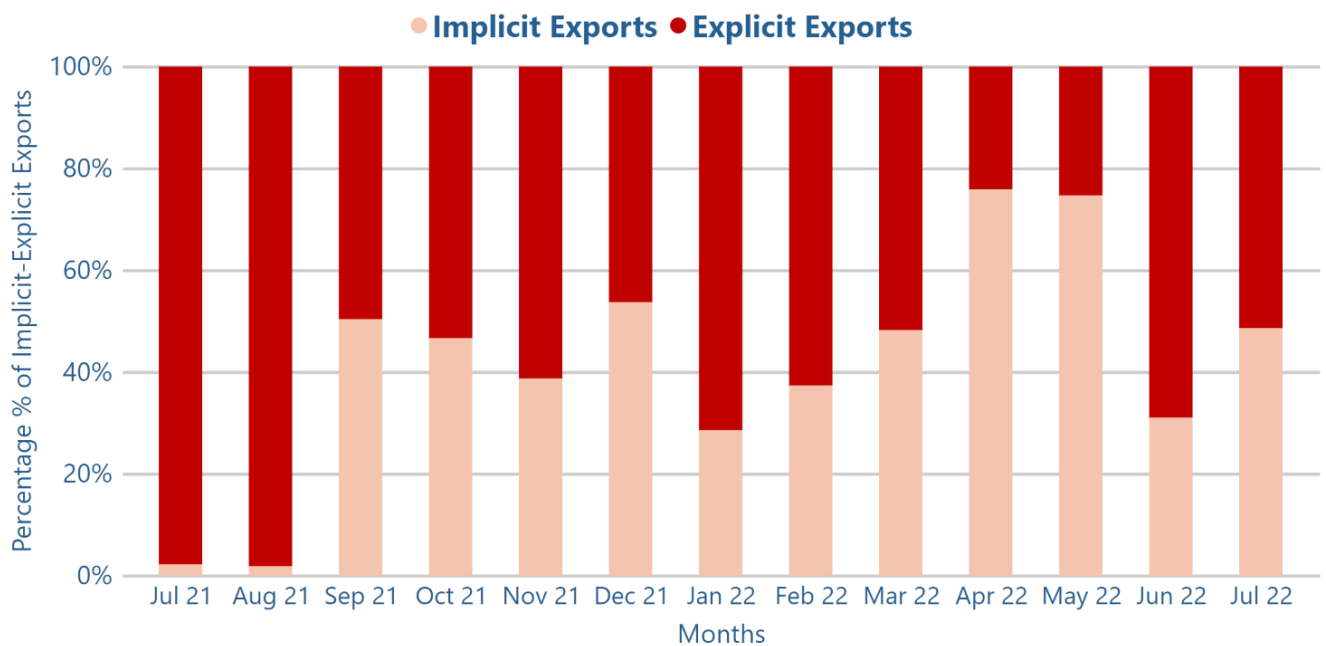
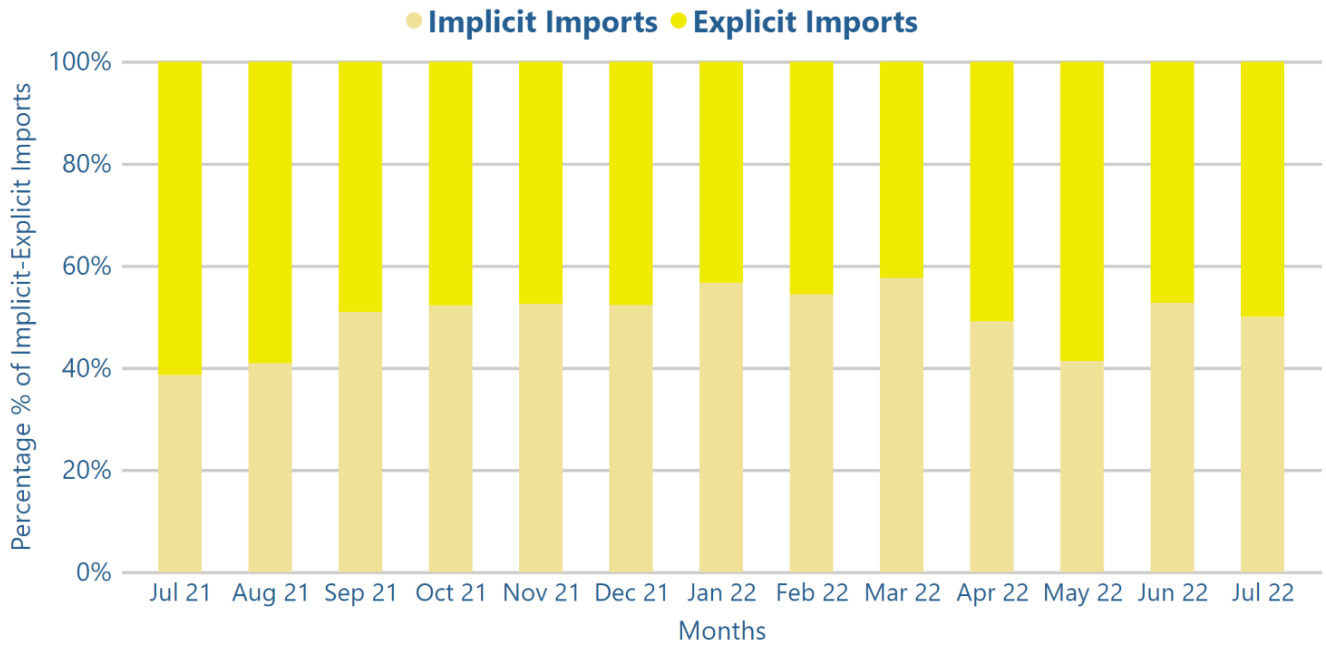
1.21. Market Shares of Imports and Exports per Market Participant



1.22. Price Coupling Data



1.23. Coupling Evolution

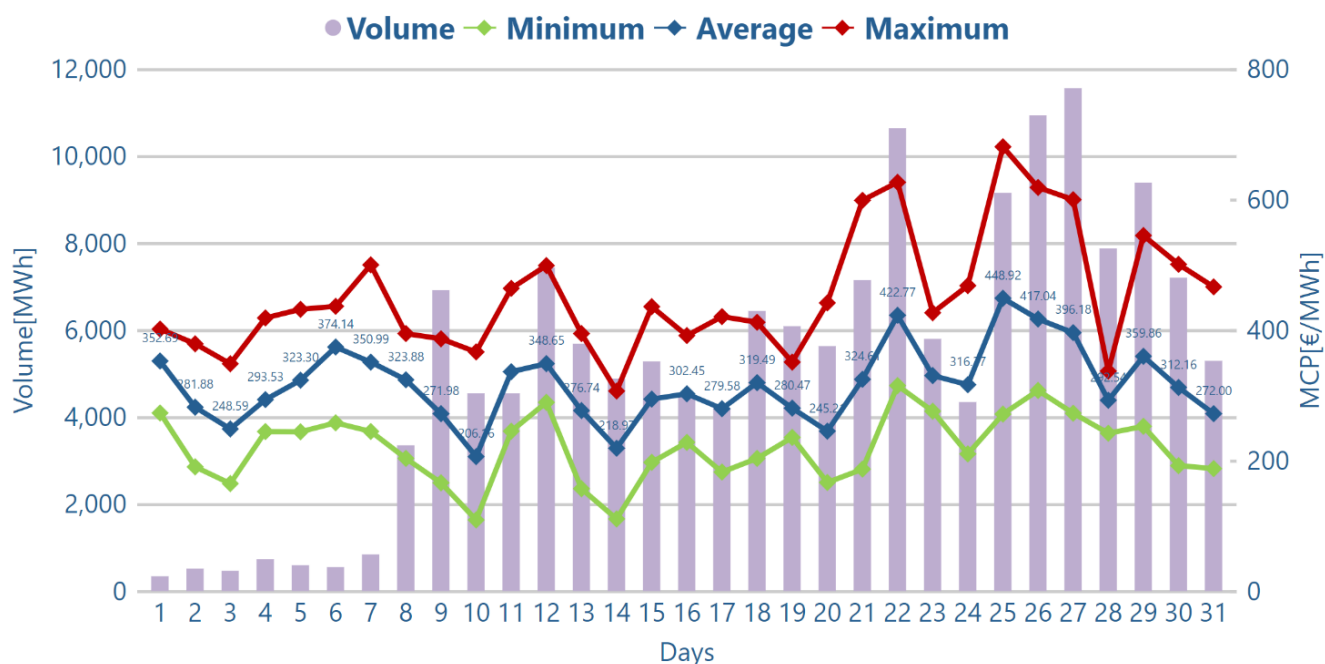


2. IDM

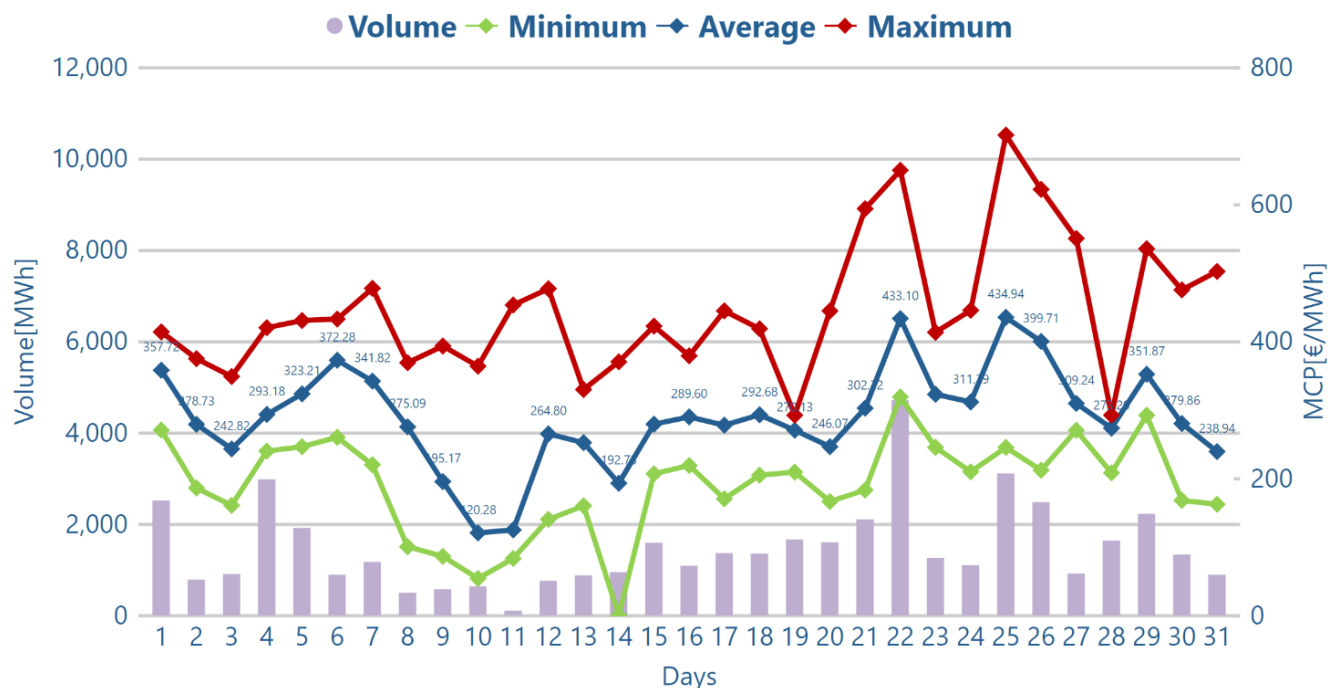
Market Clearing Prices (MCP)

Volumes, technologies and order types

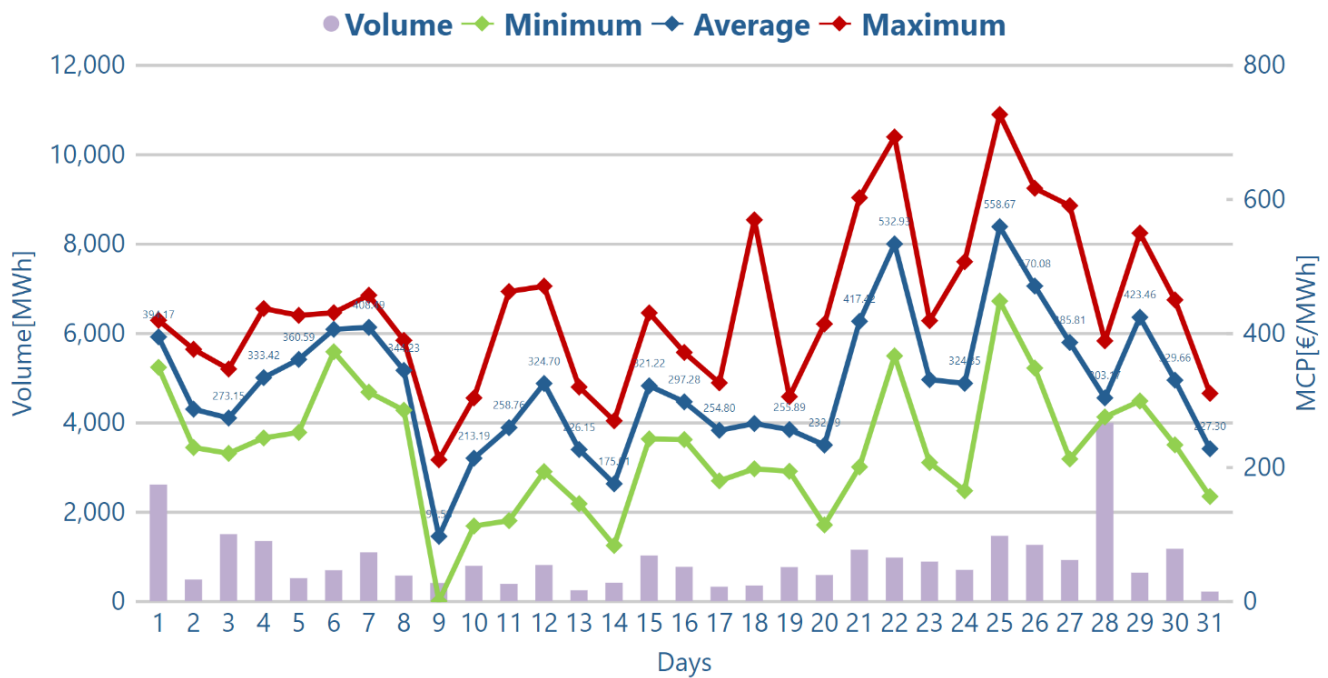
2.1. Daily MCP and volume · CRIDA1



2.2. Daily MCP and volume · CRIDA2



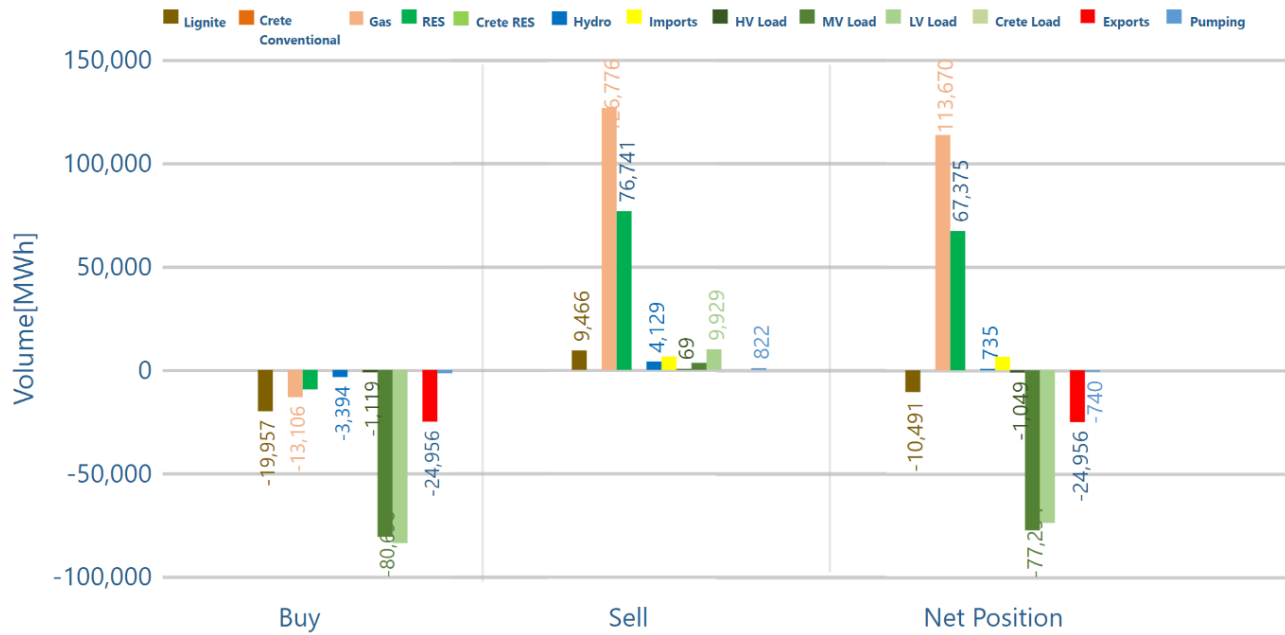
2.3. Daily MCP and volume · CRIDA3



2.4. Table with MCP and volume

Year			2021	2021	2021	2021	2021	2022	2022	2022	2022	2022	2022	2022
Month			Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
CRIDA1	Price [€/MWh]	min	48.43	58.53	50	36.01	7.81	10.70	87.79	99.21	0	60.19	19.42	109.14
		avg	118.18	133.95	197.39	227.79	234.23	225.55	209.70	274.09	243.67	223.32	237.46	316.84
		max	230	246.54	385	413	550	390	349	665	423.30	388.65	464.58	681
	Volume [MWh]		49,305	34,980	55,735	57,219	59,337	65,510	40,311	70,891	52,098	52,839	34,436	162,941
CRIDA2	Price [€/MWh]	min	41.91	54.51	73.56	37.48	5.96	4.70	83.75	99.11	0.01	60.90	20.13	0
		avg	119.02	131.18	196.57	227.54	233.08	226.23	208.97	272.01	245.06	221.25	236.83	288.59
		max	212.38	240	381	411	581	435	350	620.07	422.50	350	479	701
	Volume [MWh]		23,234	29,413	50,719	41,278	44,408	38,357	38,727	51,291	41,923	41,935	39,002	45,893
CRIDA3	Price [€/MWh]	min	64.91	55.06	95.06	125.19	74.57	64.74	123.76	98.61	0	64.30	24.11	0
		avg	128.60	136.73	208.22	249.59	256.75	240.34	216.71	287.02	241.43	225.71	253.13	323.58
		max	211	249.49	400	416.60	556.04	444.02	350	599.97	394.70	350	469.04	726
	Volume [MWh]		25,097	19,012	29,856	25,615	43,368	32,187	24,098	31,964	24,779	30,263	28,075	29,003

2.5. Volume mix per side and net position for IDM



3. DAM & IDM · Aggregated Overview

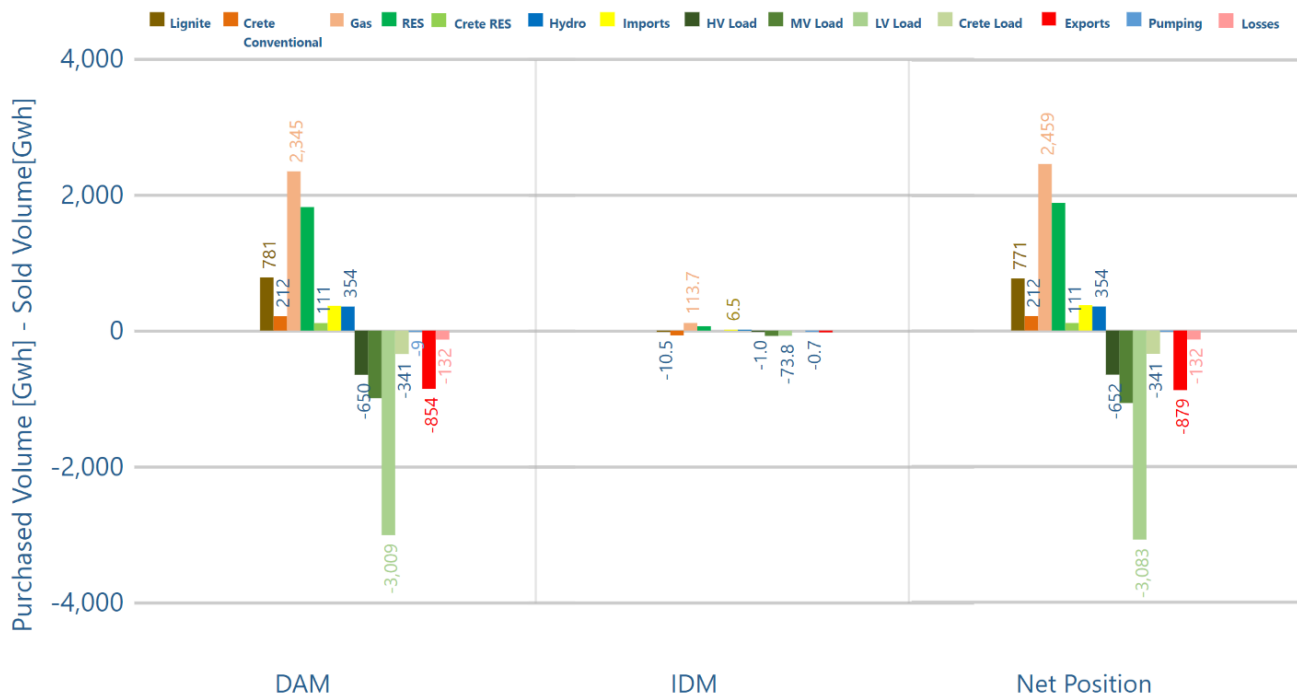
Final Market Schedules

Domestic Production

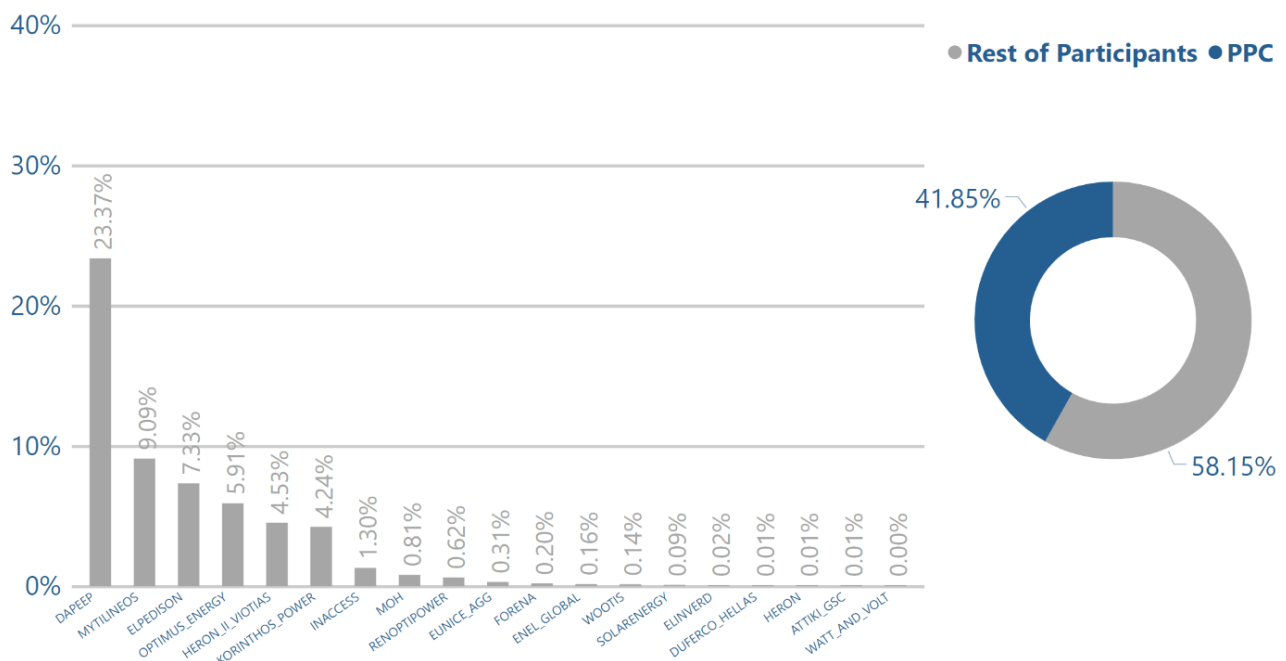
Domestic Consumption

Domestic Consumption per Voltage level

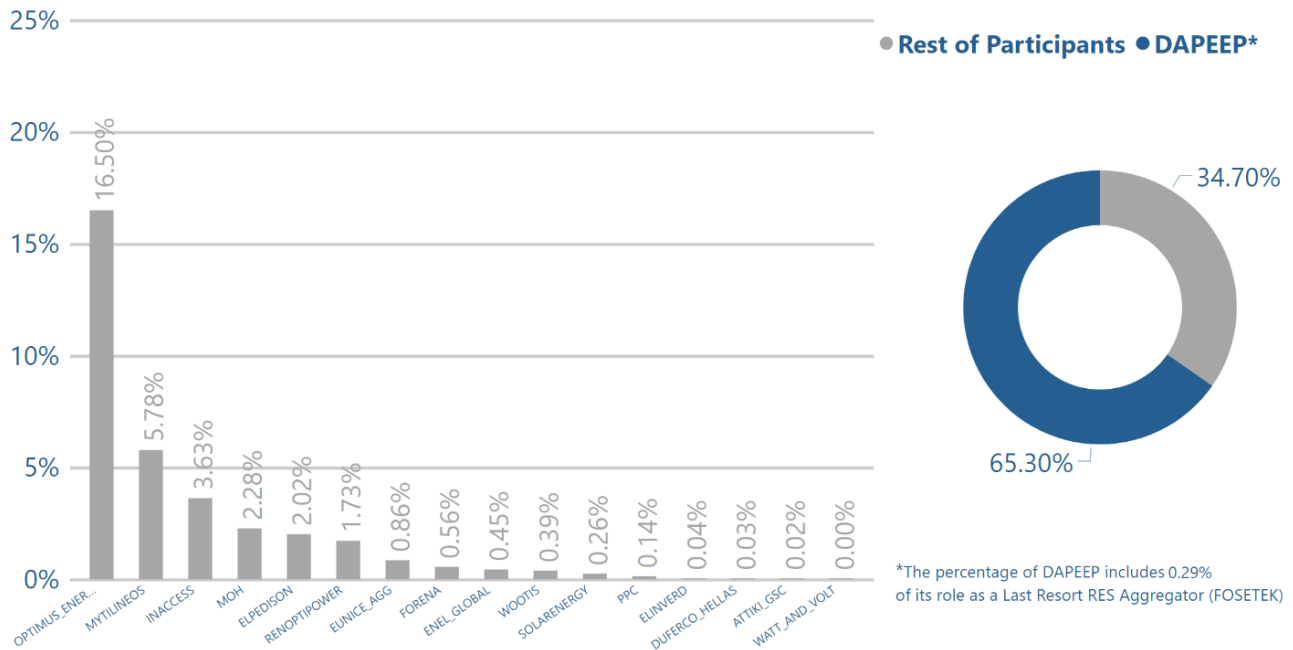
3.1. Market Schedules



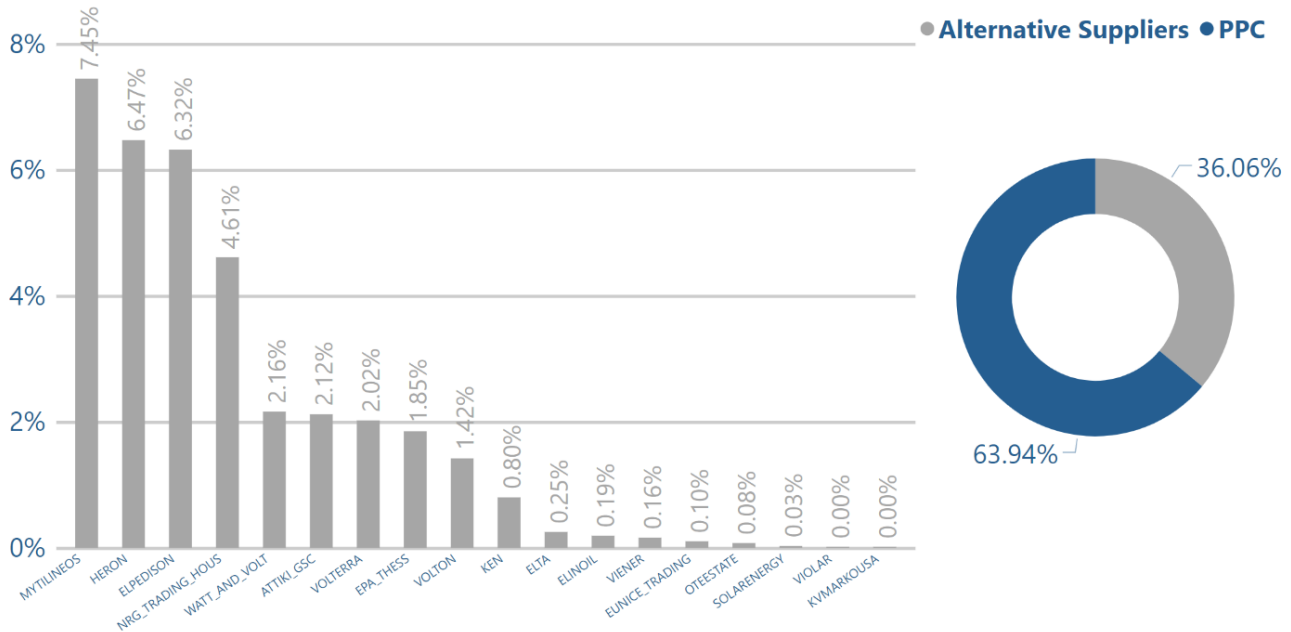
3.2. Final Market Schedule shares for all production units per Market Participant · Greek Bidding Zone



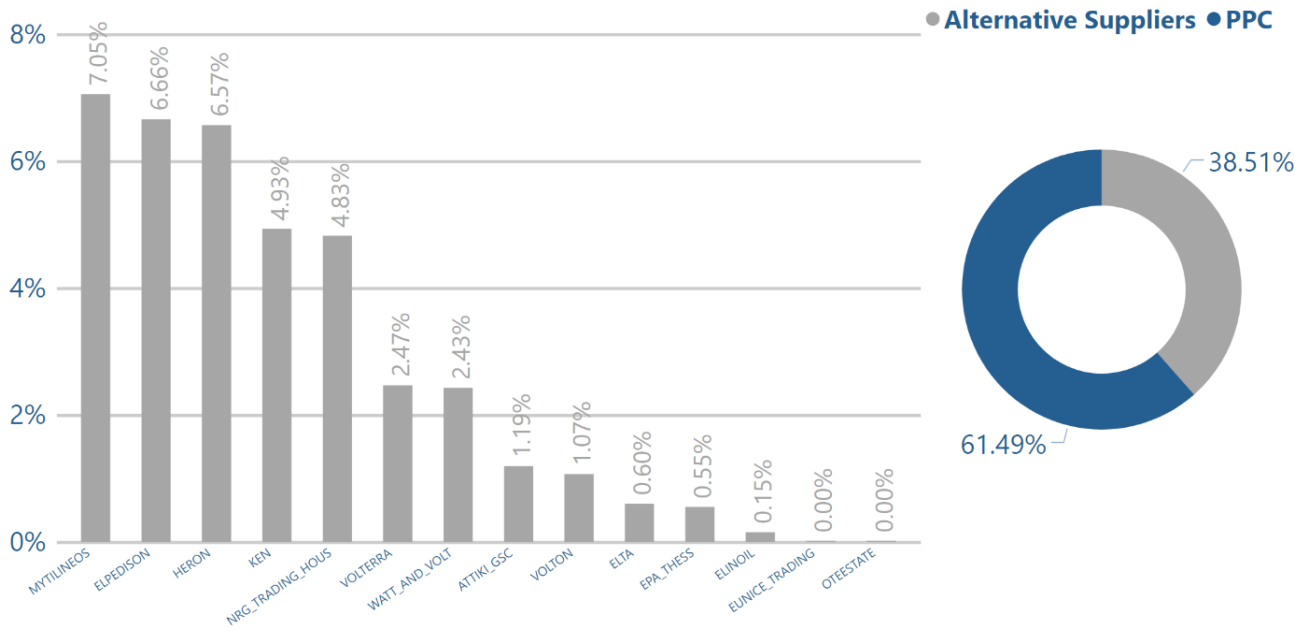
3.3. Final Market Schedule shares for RES production units per Market Participant · Greek Bidding Zone



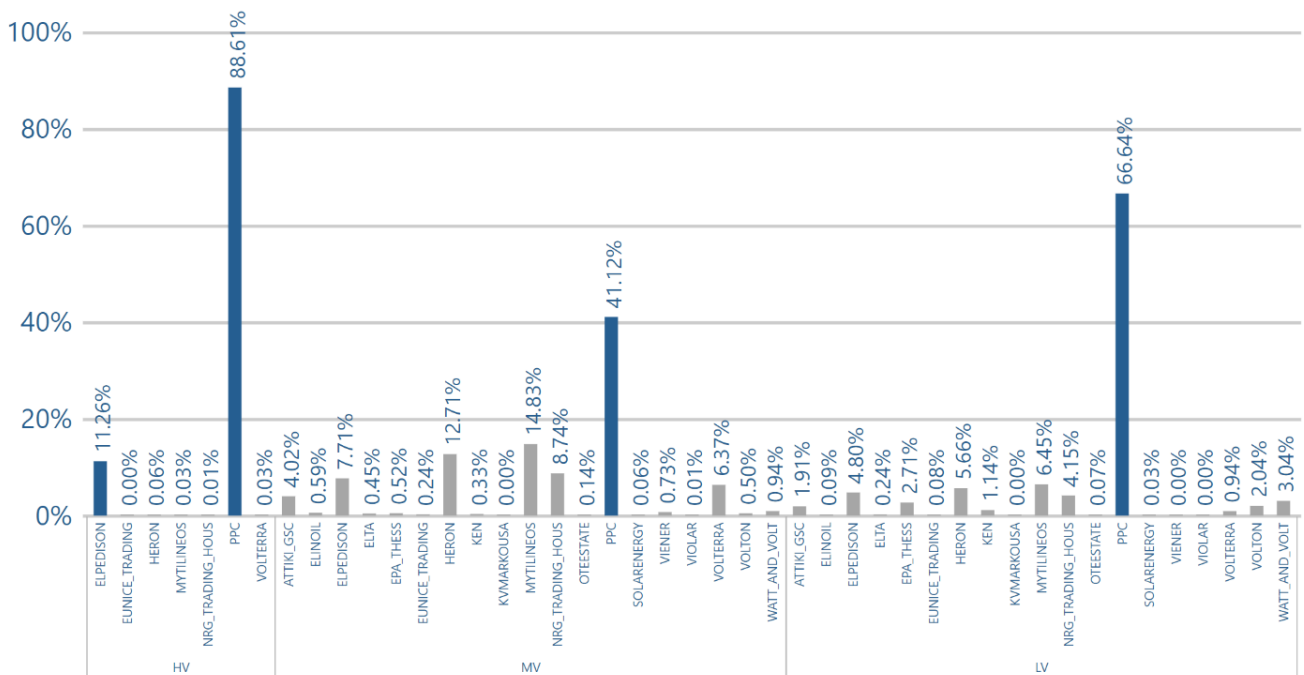
3.4. Final Market Schedules shares for domestic load per Market Participant · Mainland



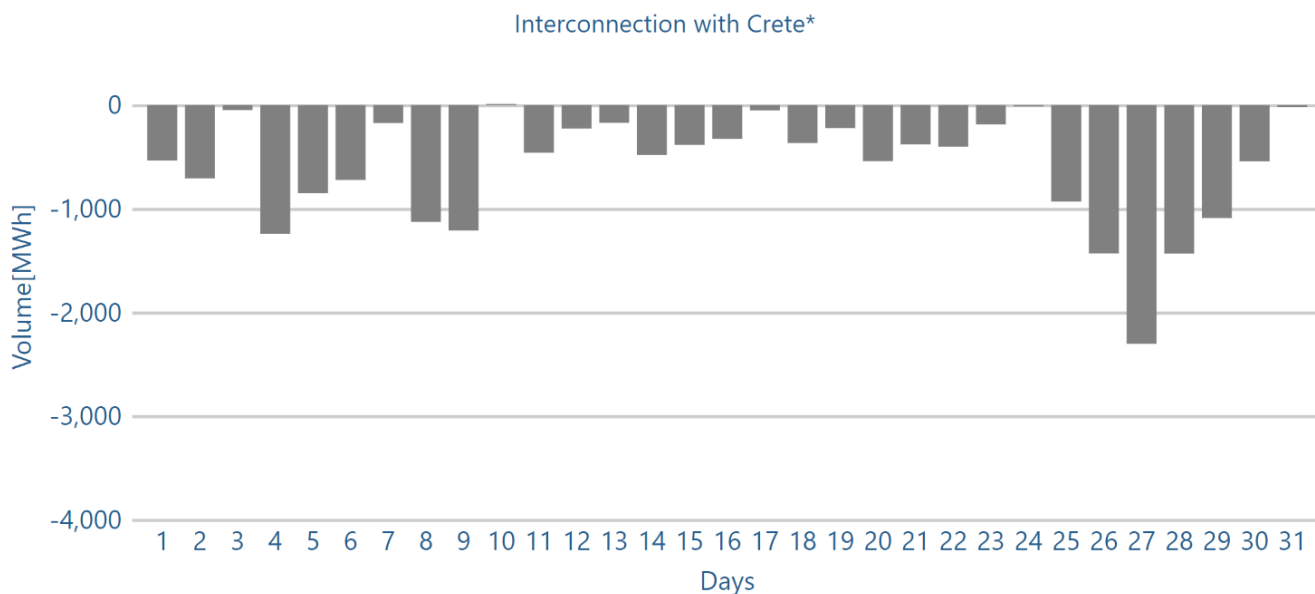
3.5. Final Market Schedule Final Schedules shares for domestic load per Market Participant · Crete



3.6. Final Market Schedules shares for domestic load per Market Participant at each Voltage Level · Mainland



3.7. Energy flow between Greece Mainland and Crete



*The positive figures represent energy flow from Crete to Greece mainland while negative figures represent energy flow from Greece mainland to Crete

4. Natural Gas TP

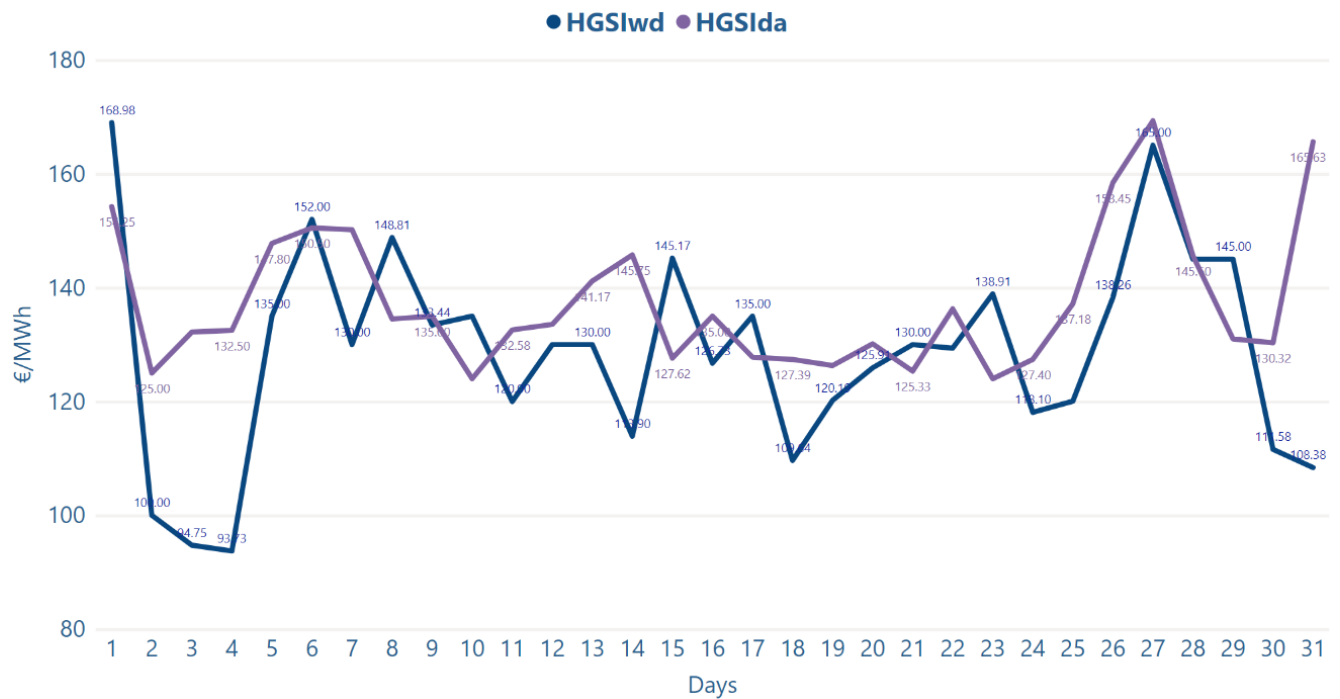
HEnEx NGAS Indices

Trading Volume per Trading Date

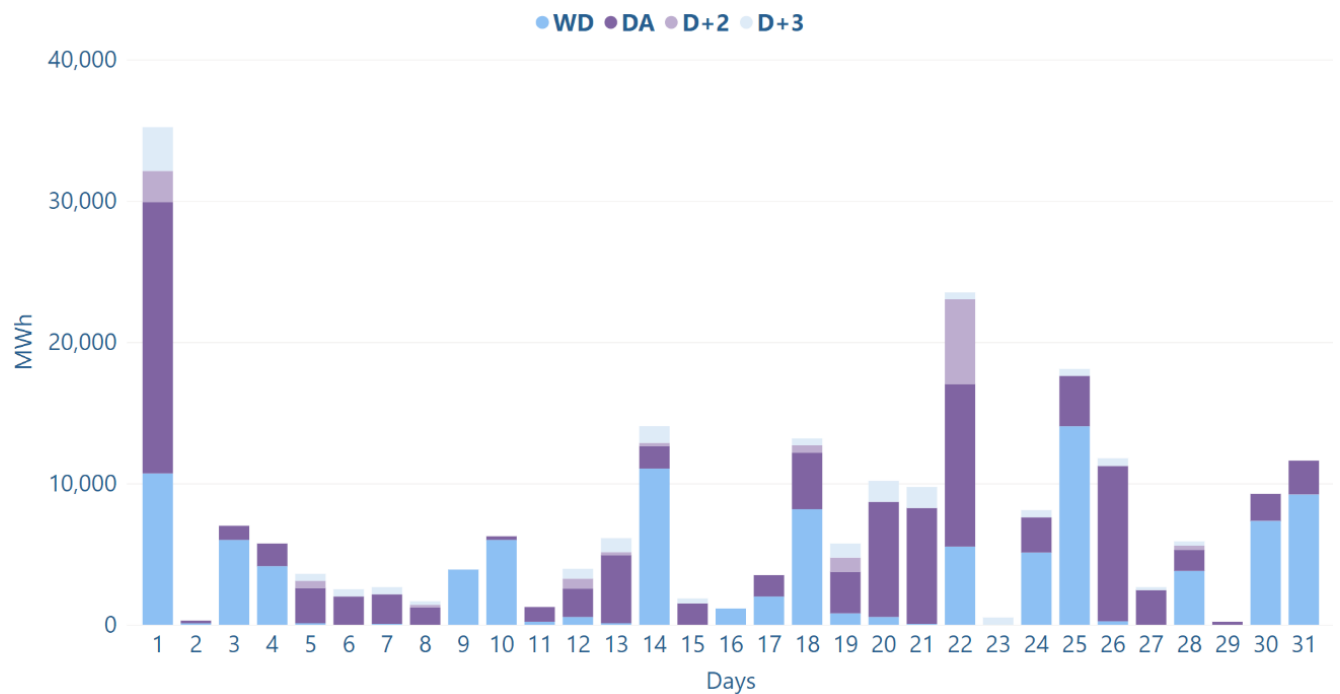
Trading Volume per Product, Session

Closing, Min, & Max Prices

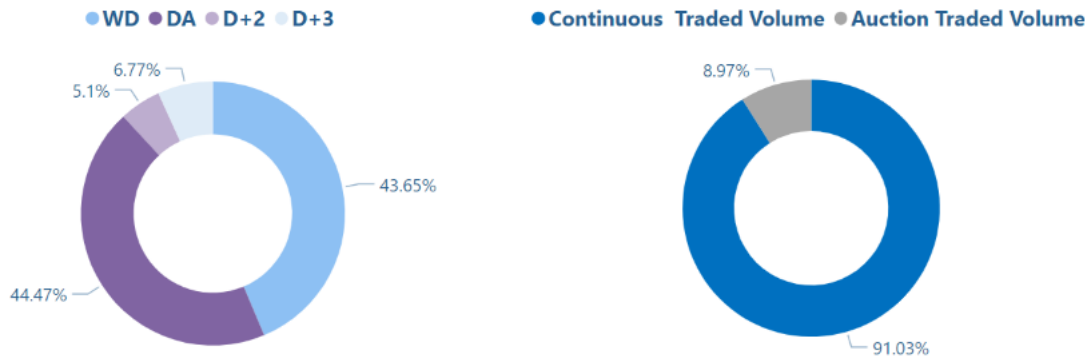
4.1. HEnEx NGAS indices



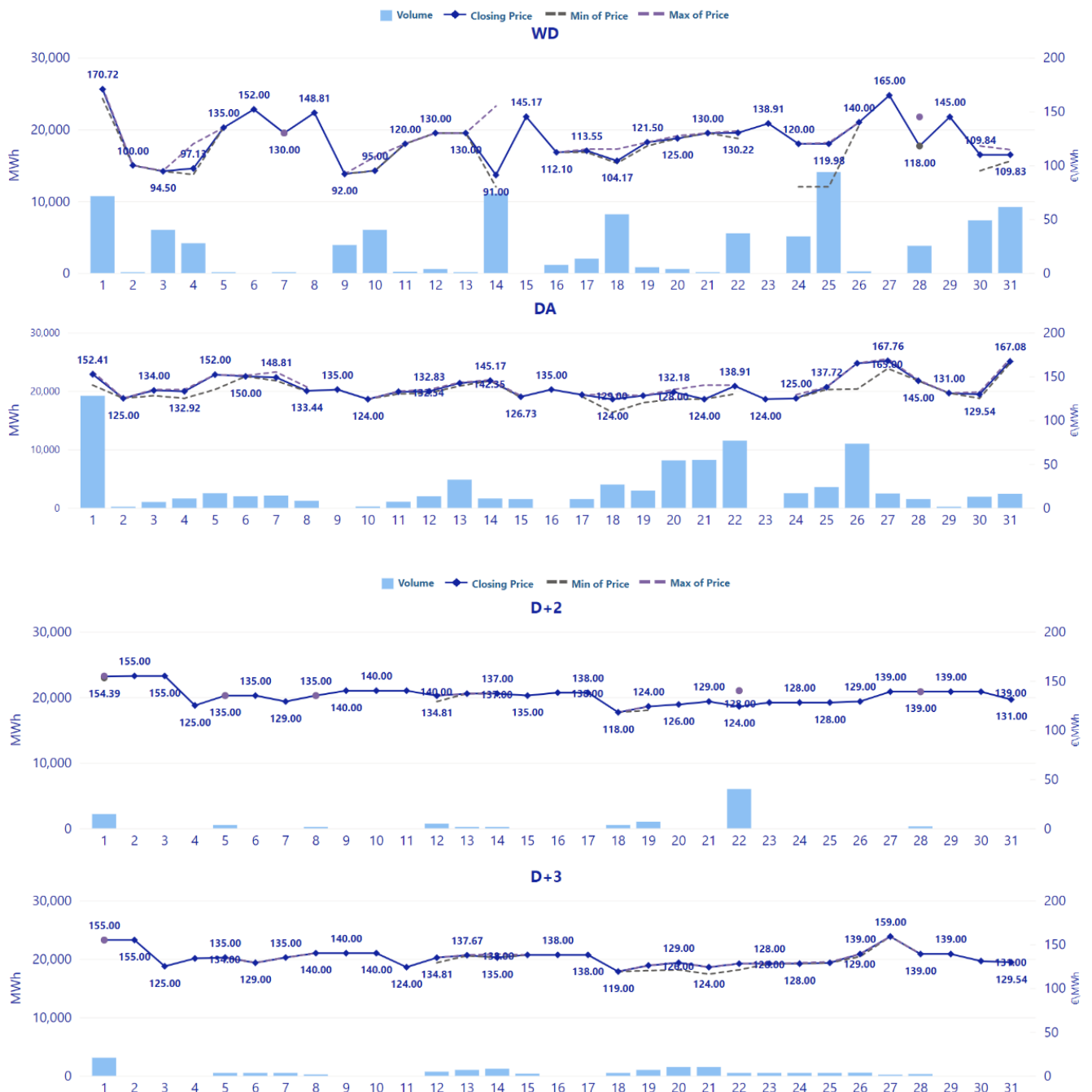
4.2. Trading Volume per Trading Day



4.3. Trading Volume per Product & Session



4.4. Volume, Closing, Min, & Max Prices per Trading Day & Product



5. Annex

Definitions

ACRONYM	Definition
GR BZ	Greek Bidding Zone
MCP	Market Clearing Price
NGTP	Natural Gas Trading Platform
NTC	Net Transfer Capacity

Data Sources

Figure 1.6

- 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

- Market Time Units of GR BZ are in CET-hr.
- Intraday Market of GR BZ consists of three Complementary Regional IntraDay Auctions (CRIDAs).
- The Hybrid Model for the operation of the Small Connected System (SCS) market of Crete was launched on Delivery Day 01/11/2021.
- Mainland refers to the interconnected system excluding Crete.

Changes on Figures

Figure 3.6

· From January 2022 , Figure 3.6 changed from “Final Market Schedules shares for domestic load per Voltage Level and Market Participant · Mainland” to “Final Market Schedules shares for domestic load per Market Participant at each Voltage Level · Mainland”. The reported figures were amended respectively.

*The NGAS values on Summary has been amended in this second version