



Annual Report · 2022

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1. Electricity Markets

Day-Ahead Market

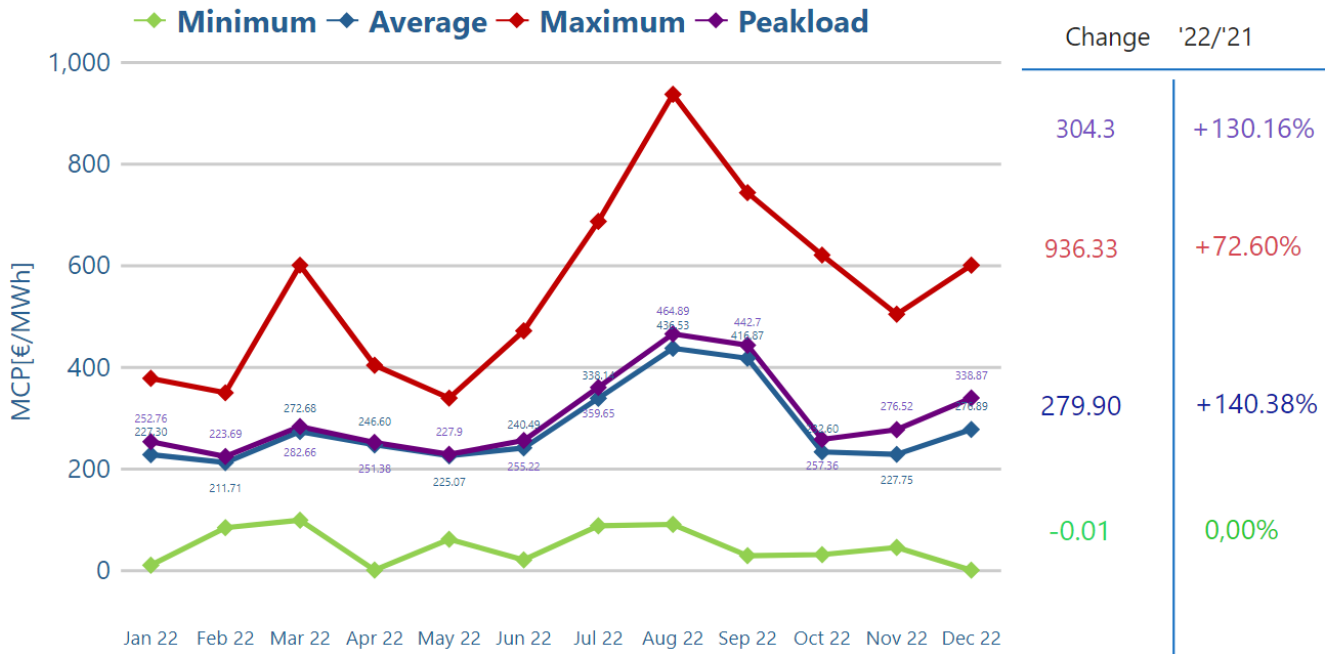
Intra-Day Market

DAM & IDM Aggregated Overview

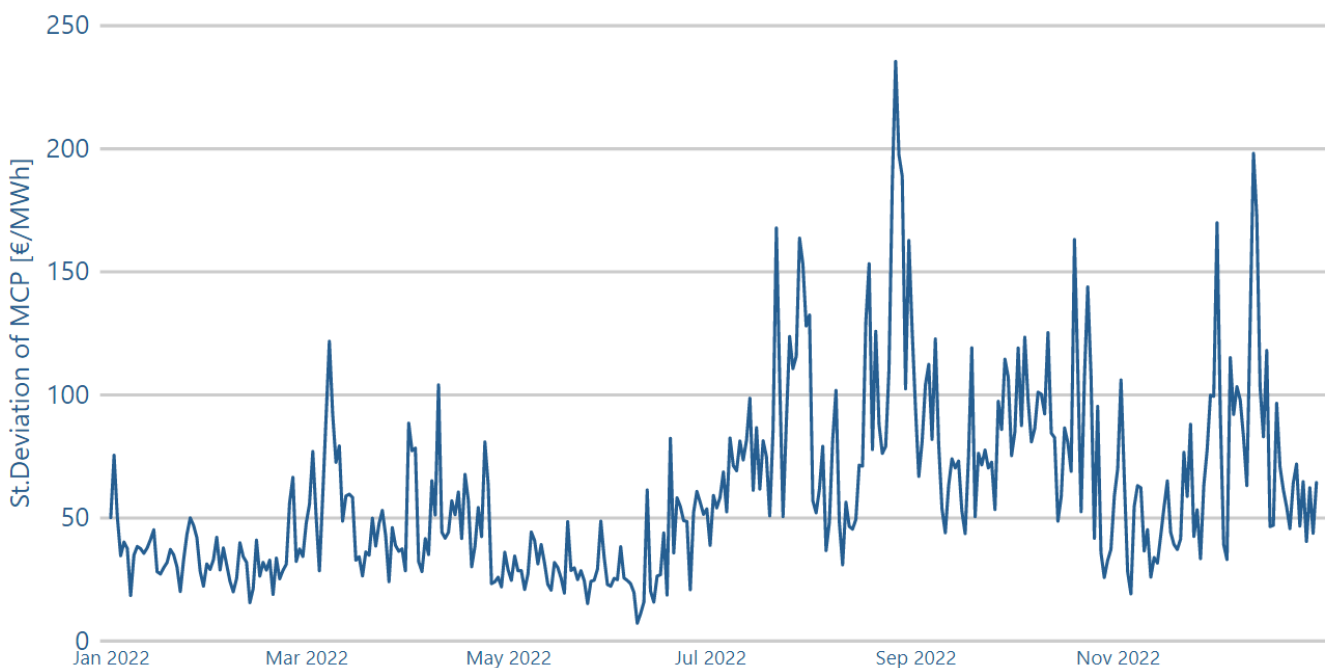
Derivatives Market

Day-Ahead Market

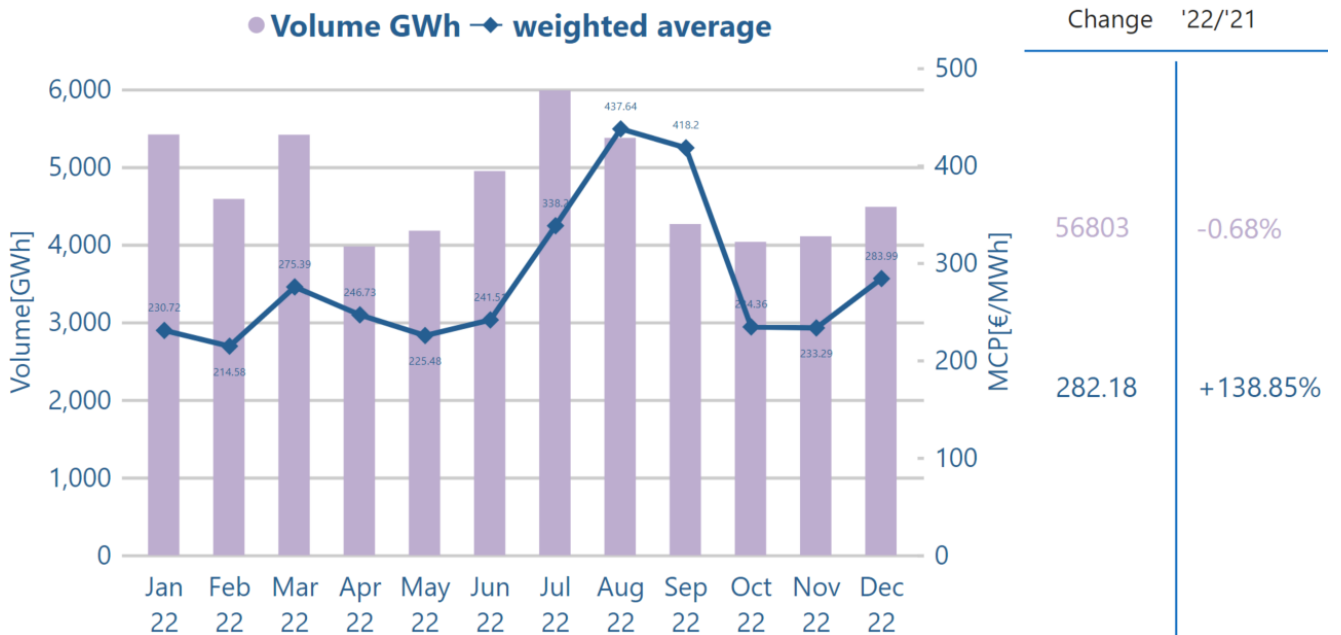
Monthly Day-Ahead Market MCP



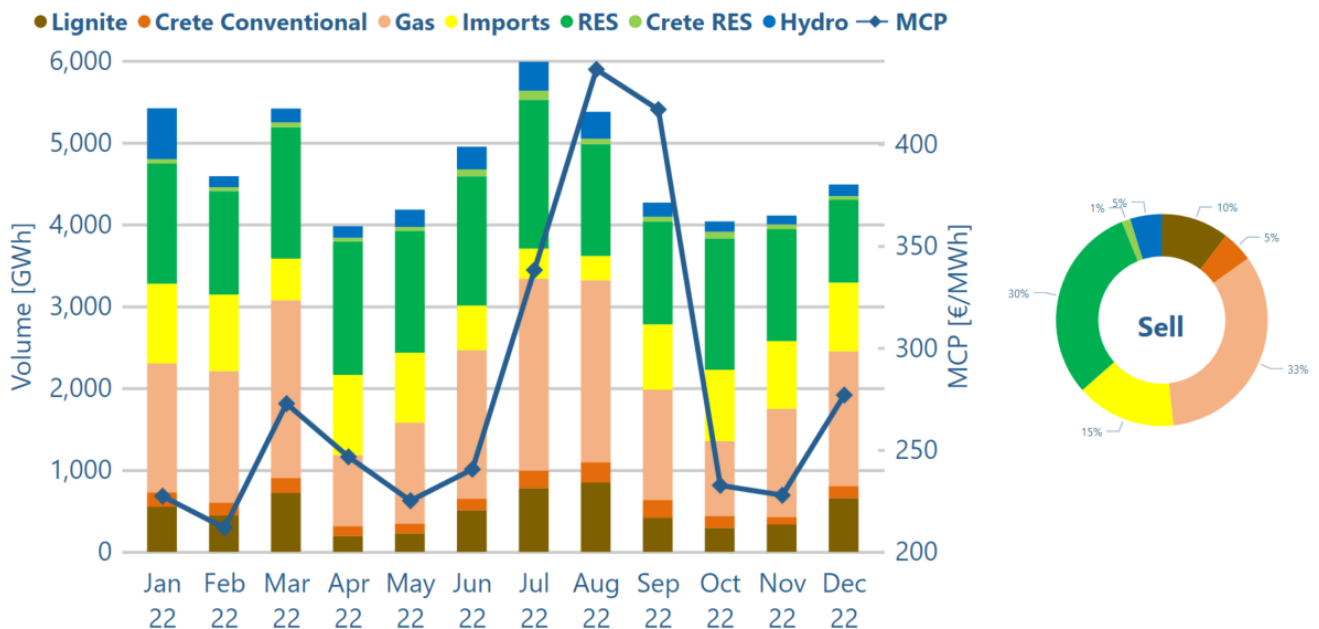
Volatility of Day-Ahead Market MCP



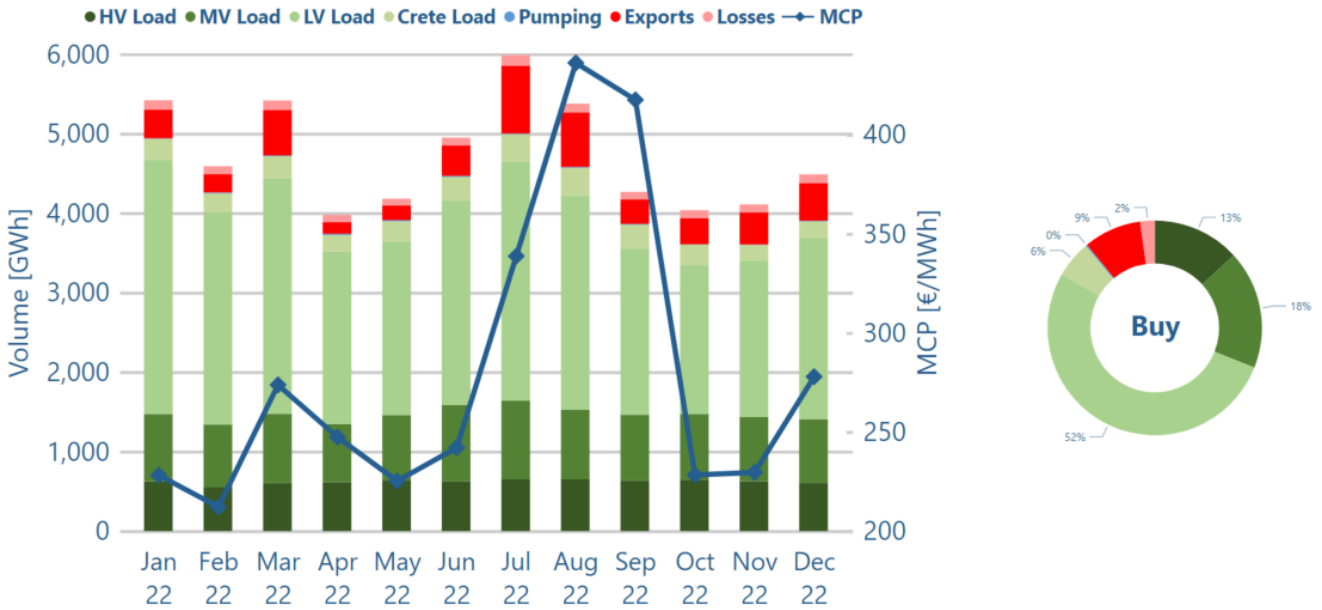
Monthly Day-Ahead Market Volume and Weighted Average MCP



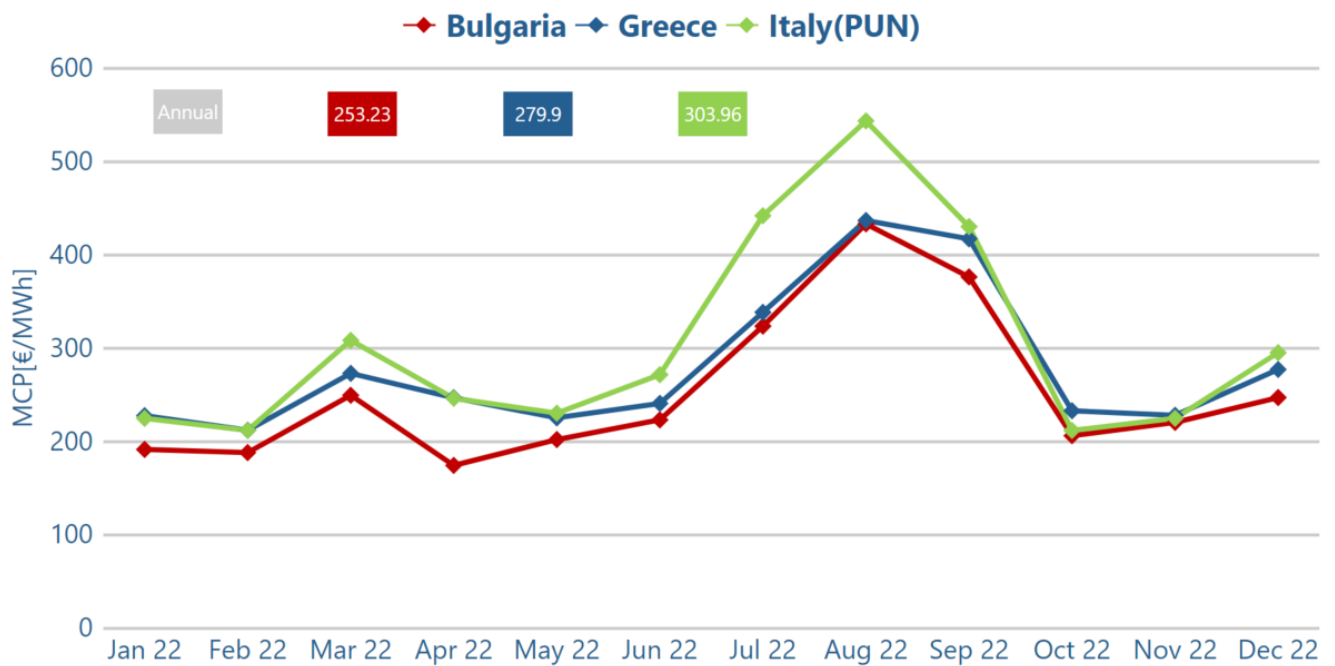
Monthly Day-Ahead Sell Side Volume Mix



Monthly Day-Ahead Buy Side Volume Mix

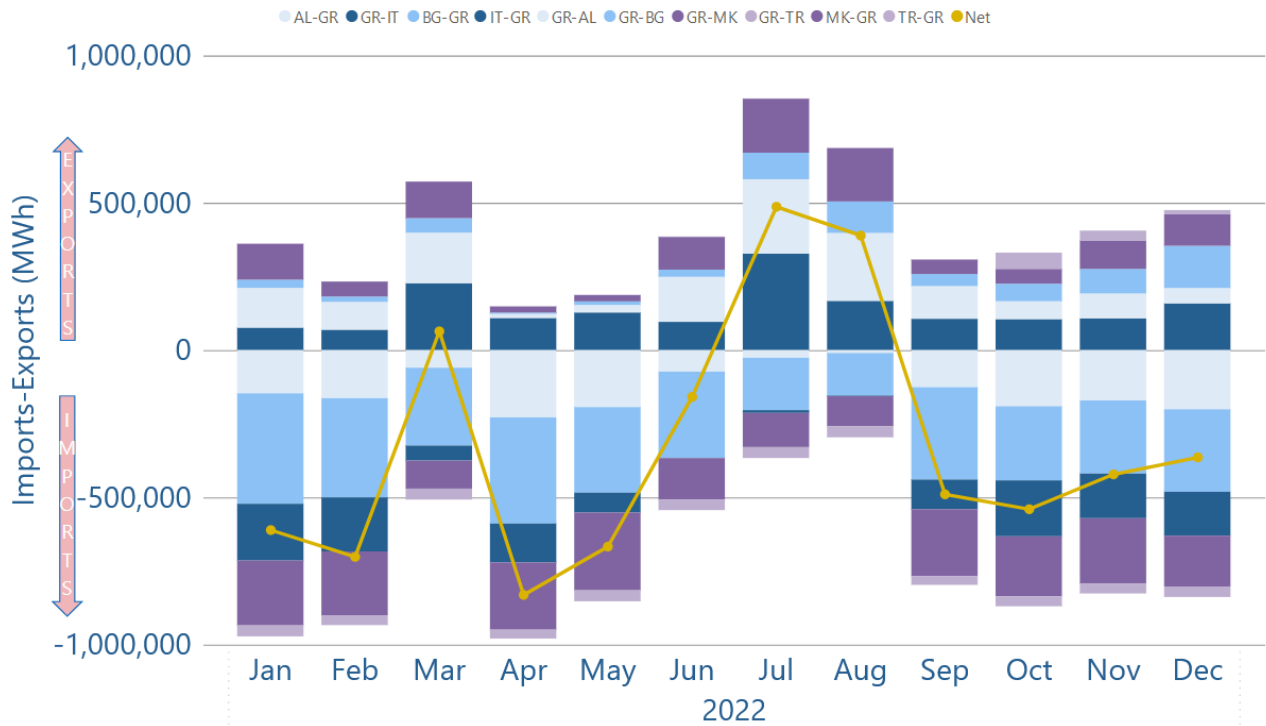


Monthly Day-Ahead Market MCP on Greece, Italy (PUN) and Bulgaria

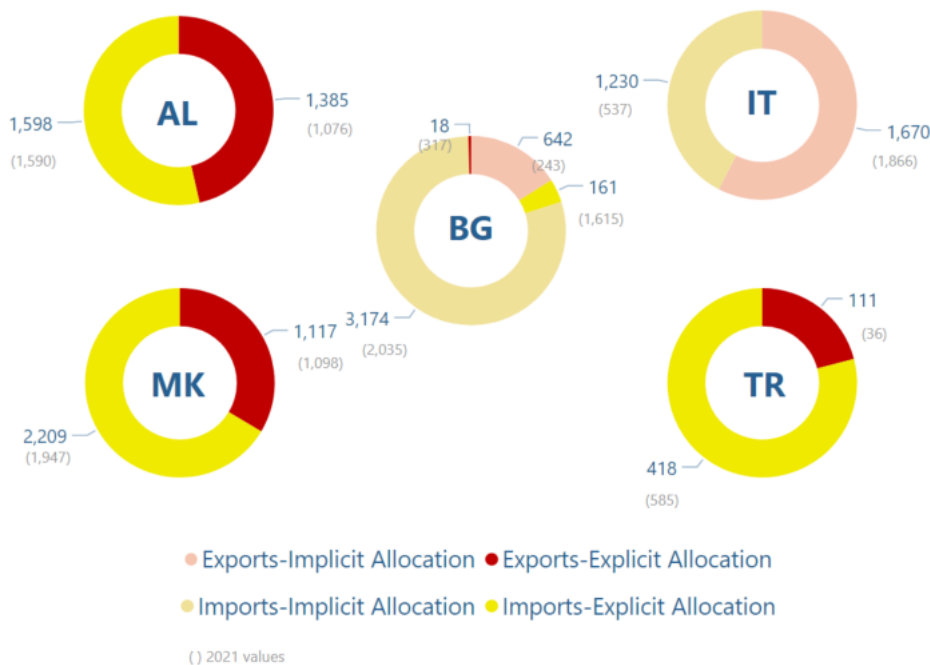


*Datasource for IT (SUD BZ) MCP: <http://www.mercatoelettrico.org/En/Esiti/MGP/EsitiMGP.aspx> and for BG MCP: <https://ibex.bg/markets/dam/dam-market-segment/>

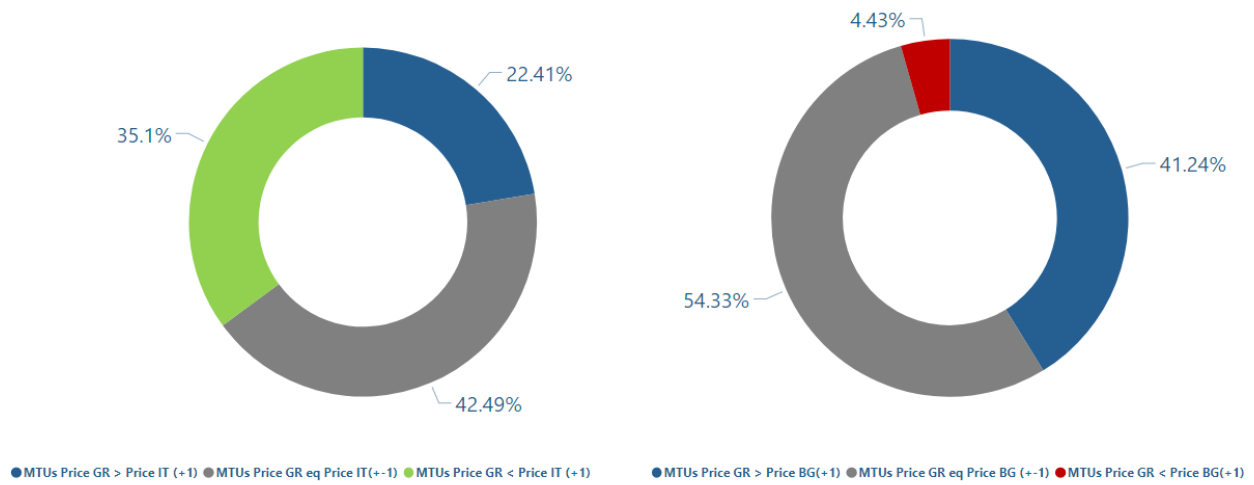
Cross Border Volume (MWh) – Imports, Exports and Net flow per month



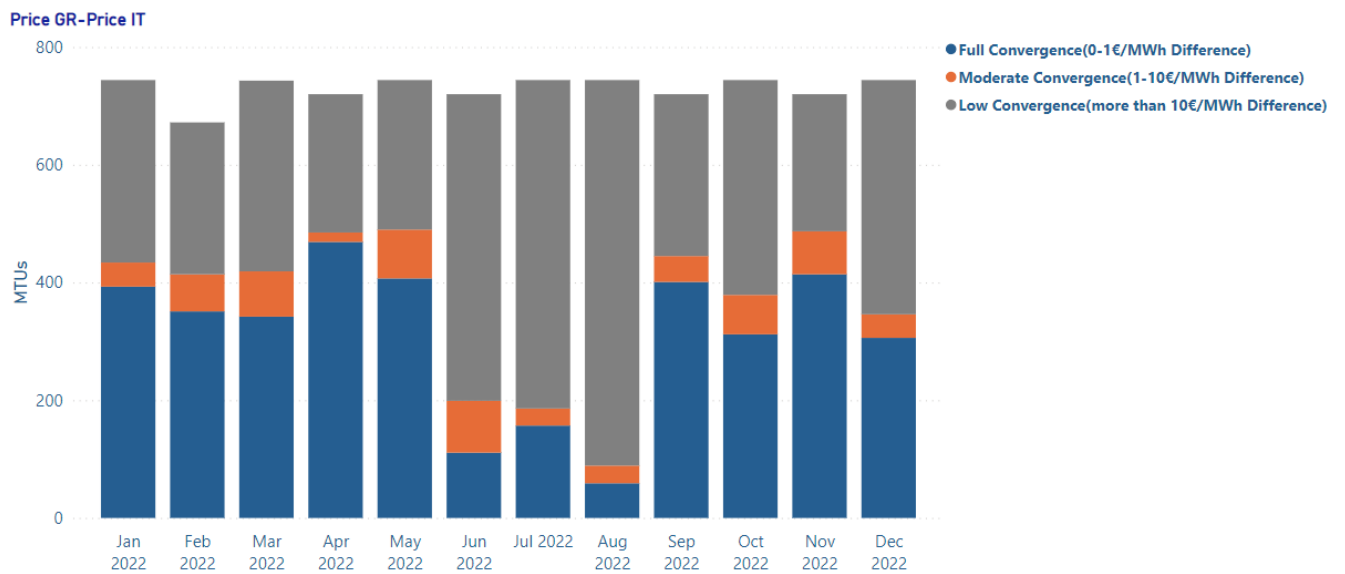
Total Cross Border Volumes (GWh) per Border



Price Convergence

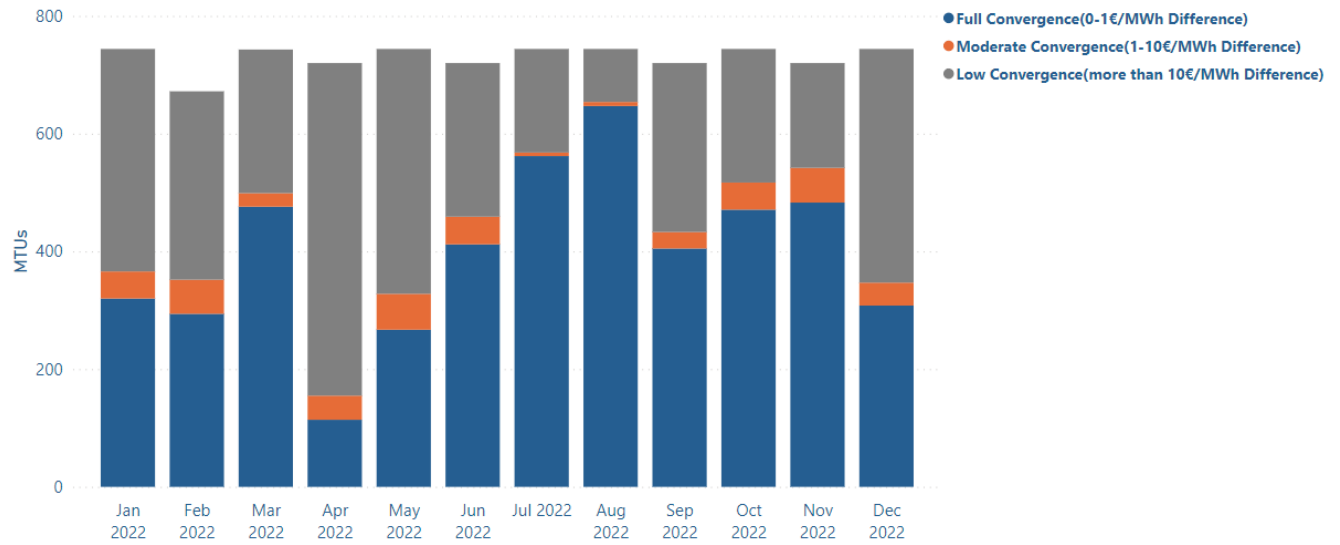


GR-IT Price Convergence



GR-BG Price Convergence

Price GR-Price BG

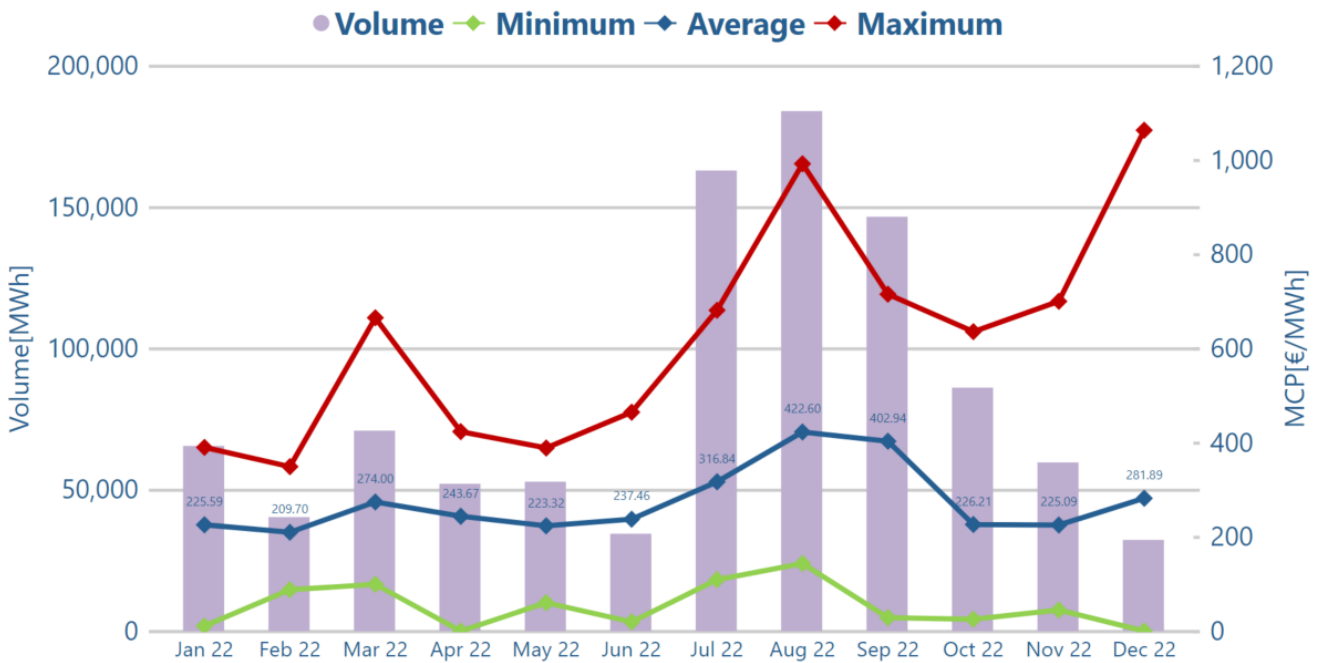


Day-Ahead Market MCP and Volume per Month

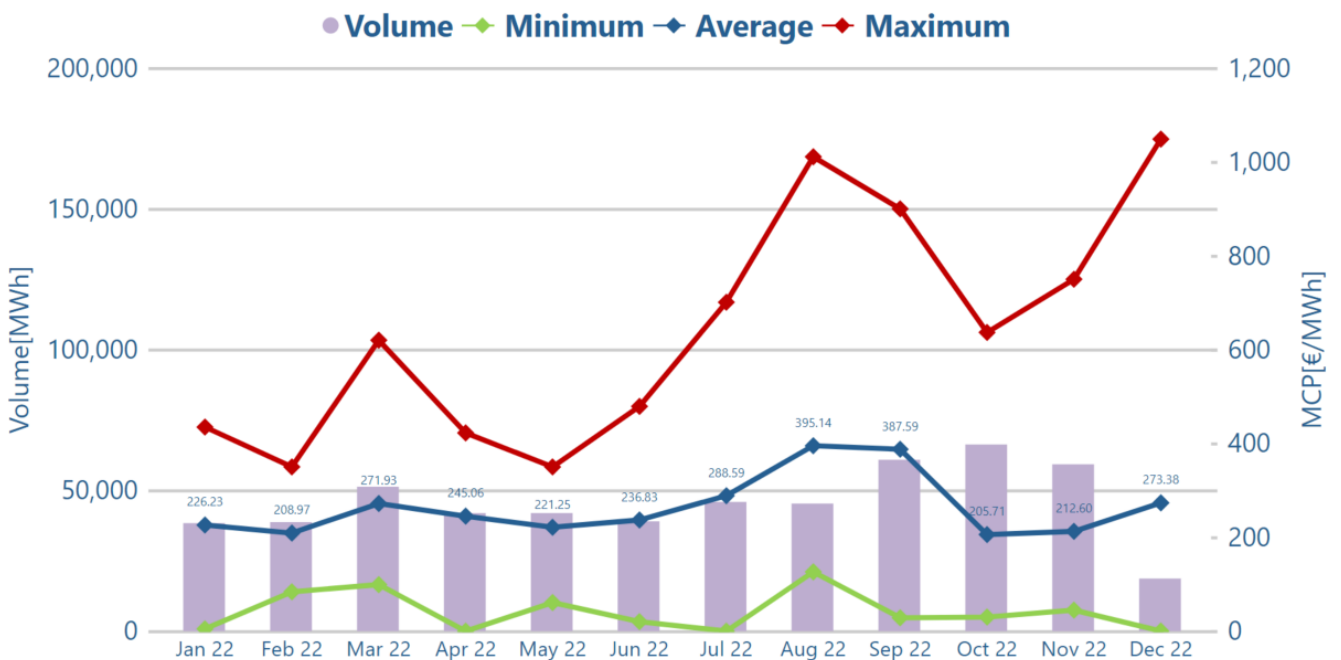
Year	Month	Minimum MCP [€/MWh]	Average MCP [€/MWh]		Maximum MCP [€/MWh]	Peakload MCP [€/MWh]		Volume [Gwh]
2022	January	9.70	227.30		377.40	252.76		5,420
2022	February	83.65	211.71	⬇️ -7%	349.00	223.69	⬇️ -11%	4,590
2022	March	98.32	272.68	⬆️ 29%	600.07	282.66	⬆️ 26%	5,417
2022	April	0.09	246.60	⬇️ -10%	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
2022	August	90.00	436.53	⬆️ 29%	936.33	464.89	⬆️ 29%	5,377
2022	September	28.45	416.87	⬇️ -5%	742.72	442.70	⬇️ -5%	4,267
2022	October	30.53	232.60	⬇️ -44%	620.00	257.36	⬇️ -42%	4,037
2022	November	44.70	227.75	⬇️ -2%	503.55	276.52	⬆️ 7%	4,109
2022	December	-0.01	276.89	⬆️ 22%	600.10	338.87	⬆️ 23%	4,488

Intra-Day Market

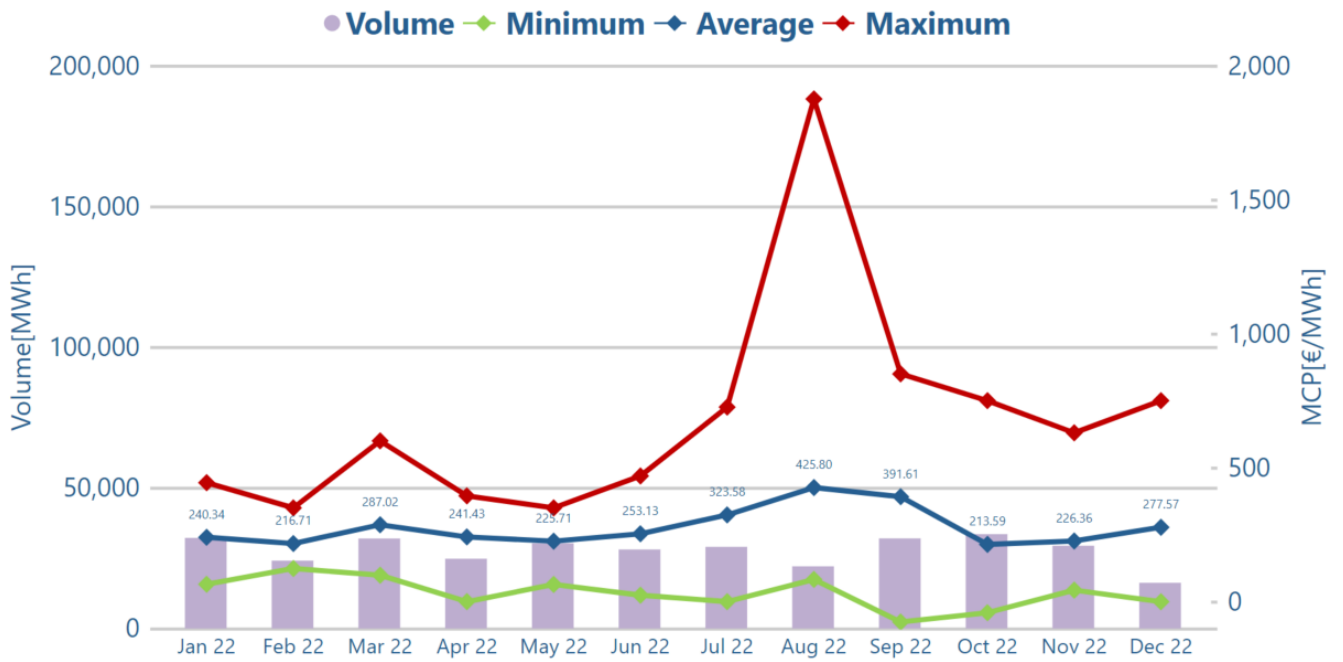
Intraday-Day MCP and Volumes – CRIDA1



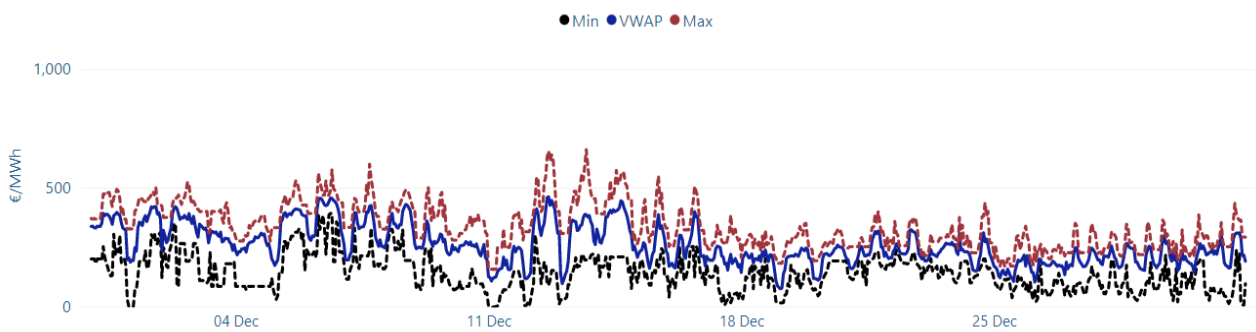
Intraday-Day MCP and Volumes – CRIDA2



Intraday-Day MCP and Volumes – CRIDA3

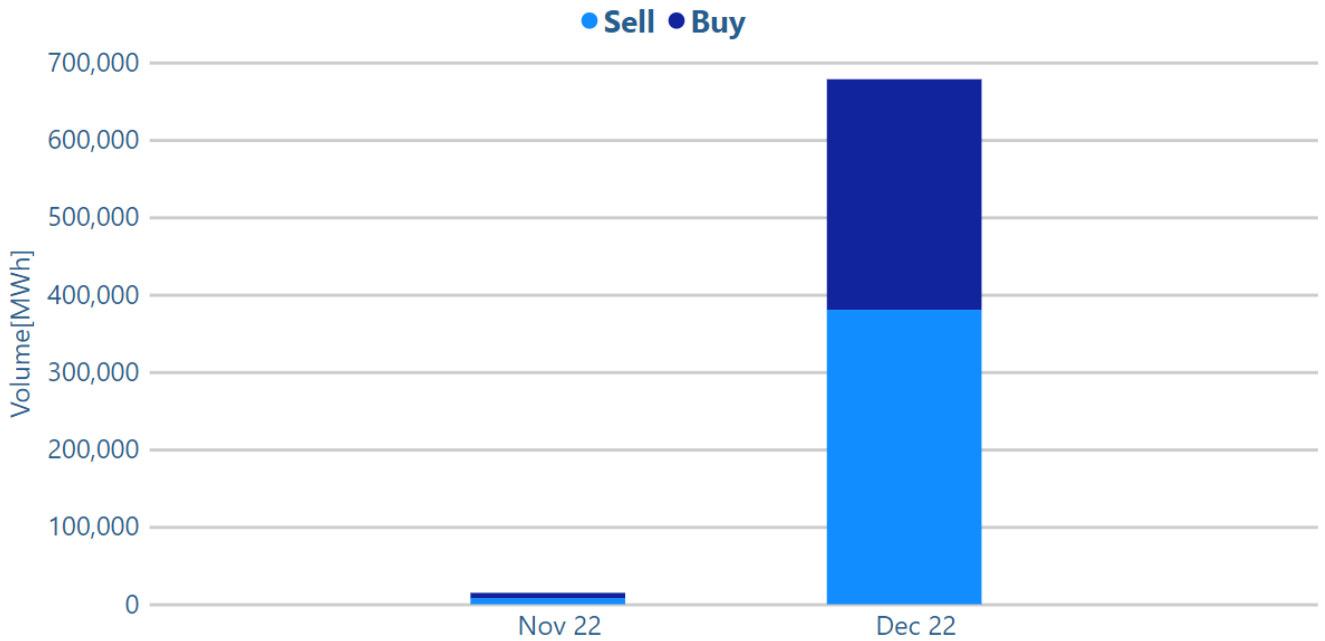


Intraday-Day XBID Prices*

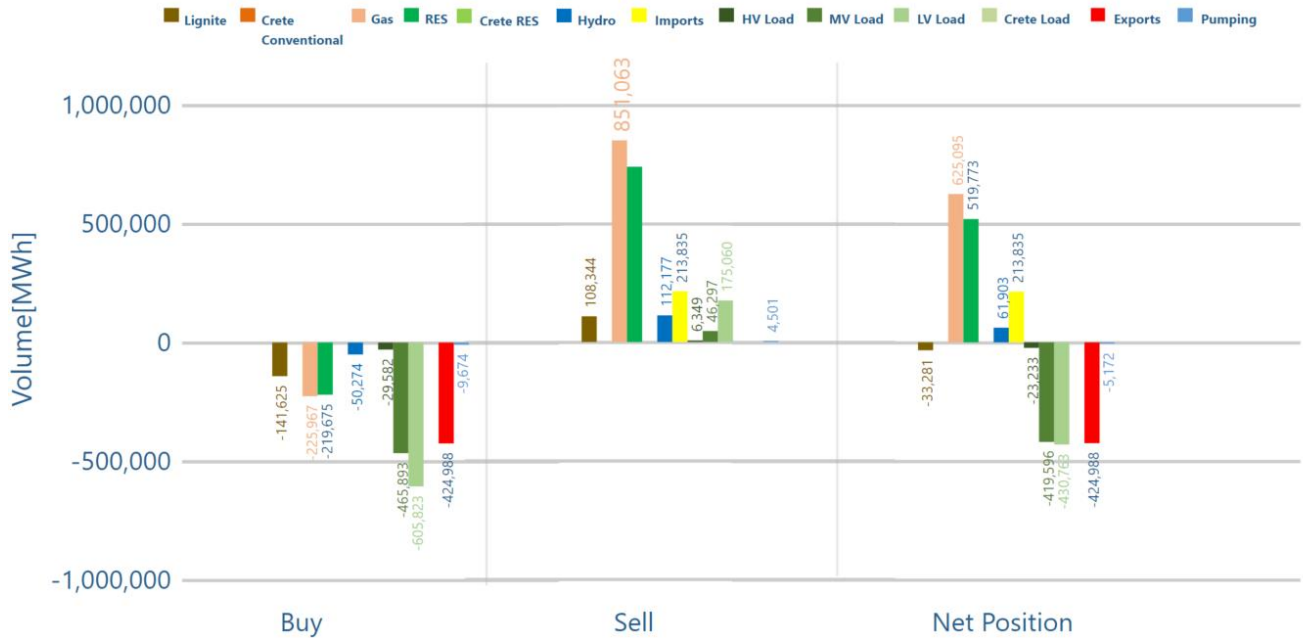


*XBID for the Greek Bidding Zone was launched on 29/11/2022 (Delivery Date 30/11/2022)

Intraday-Day XBID Volumes

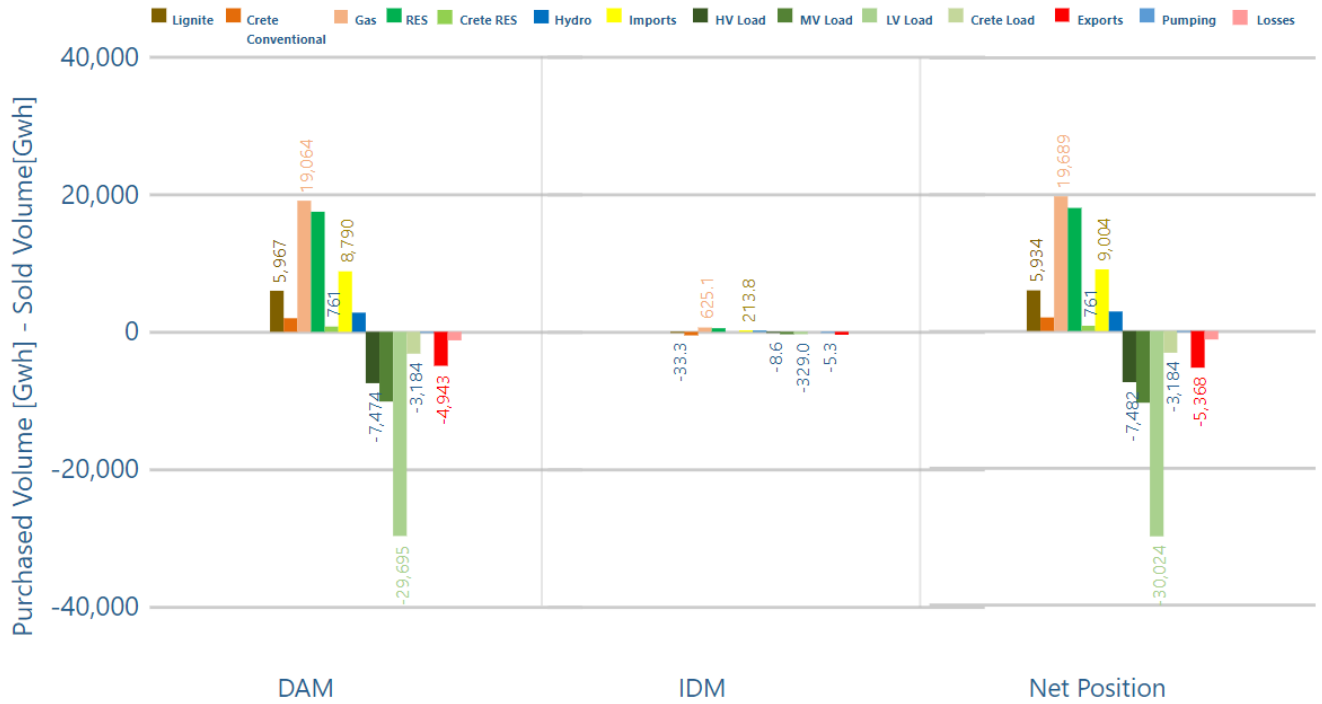


Intraday-Day Volume Mix per side and Net position for 2022

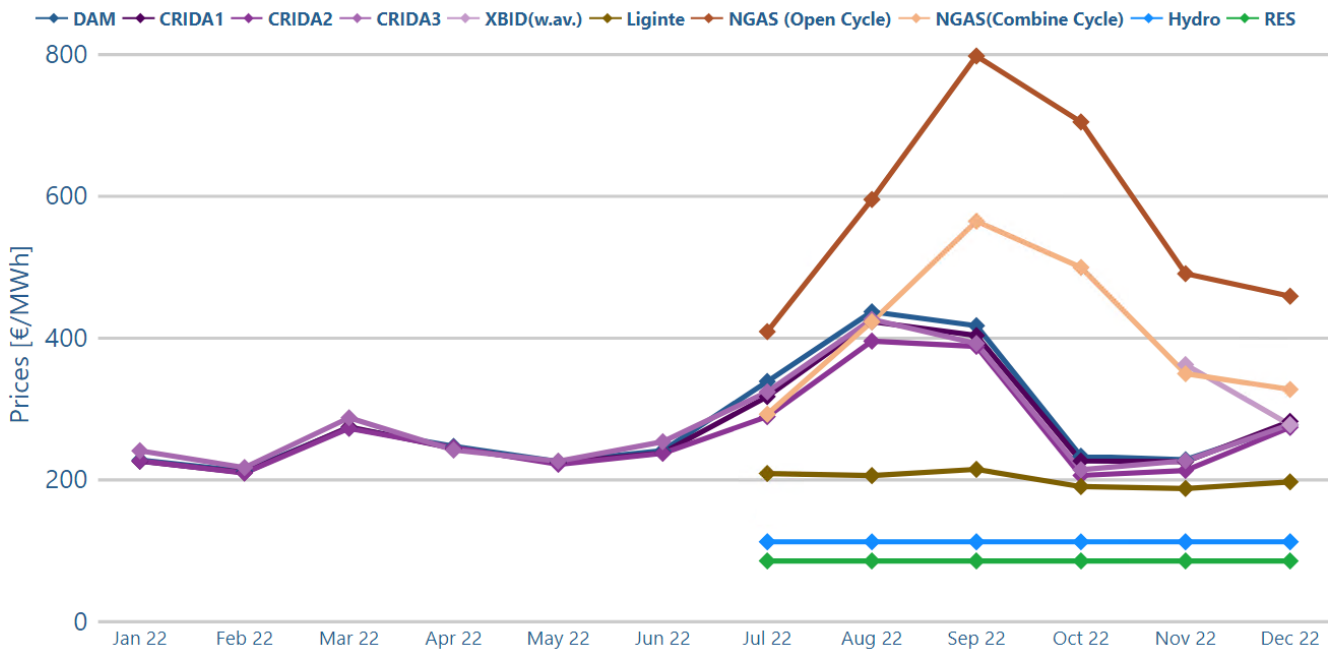


DAM & IDM · Aggregated Overview

Market Schedules

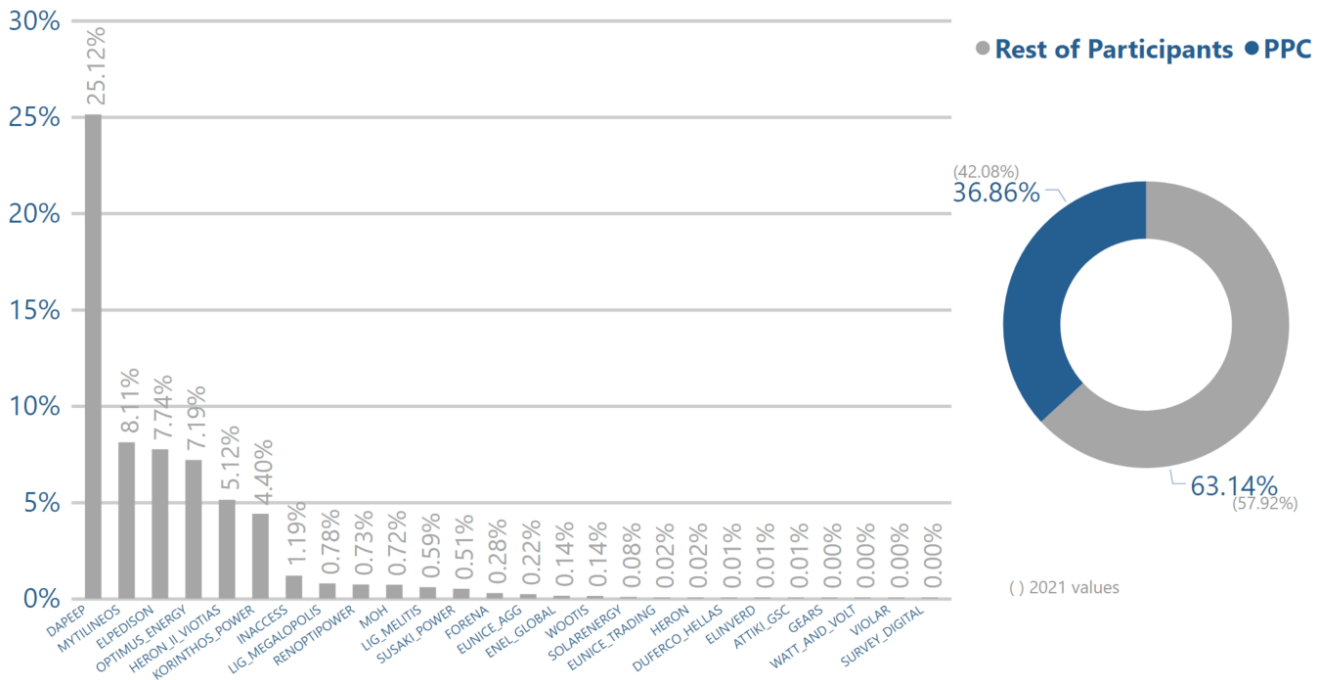


Compare Market Prices with Reference Prices*

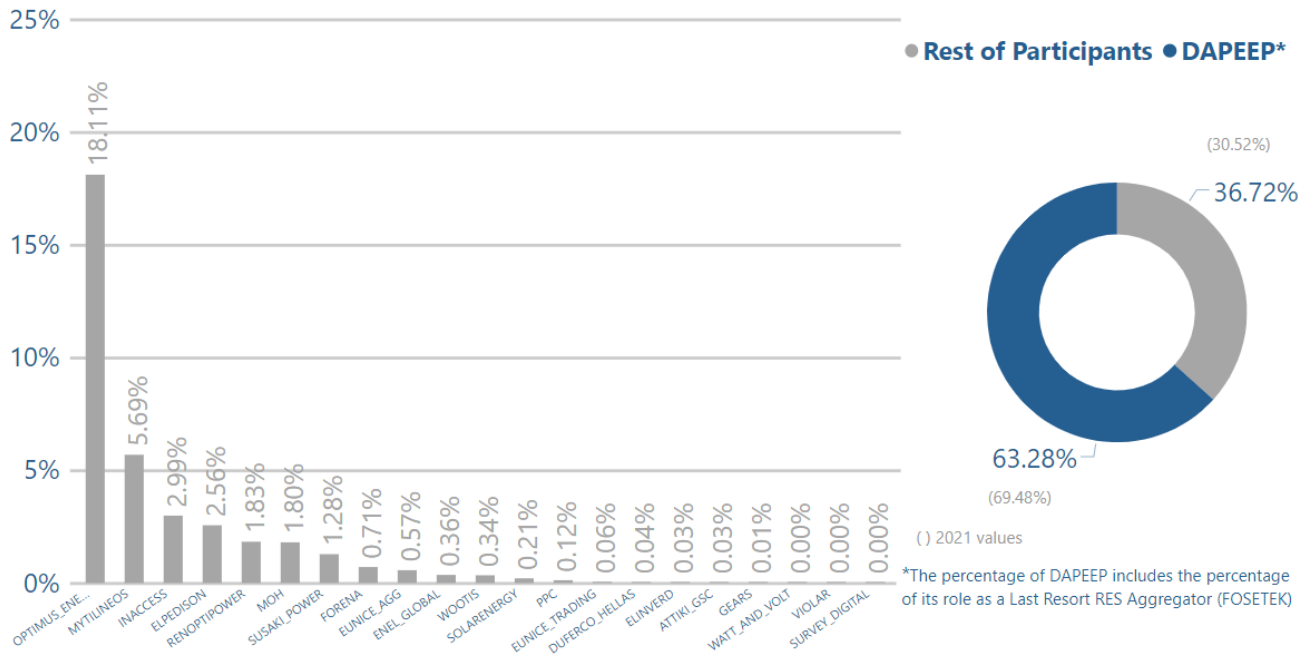


*Reference prices refer to the Temporary Mechanism for the Partial Return of Income from the Day-Ahead & Intra-Day Markets as of July 2022 (Law 4425/2016A'185)

Final Market Schedule Shares for Production Units per Market Participant

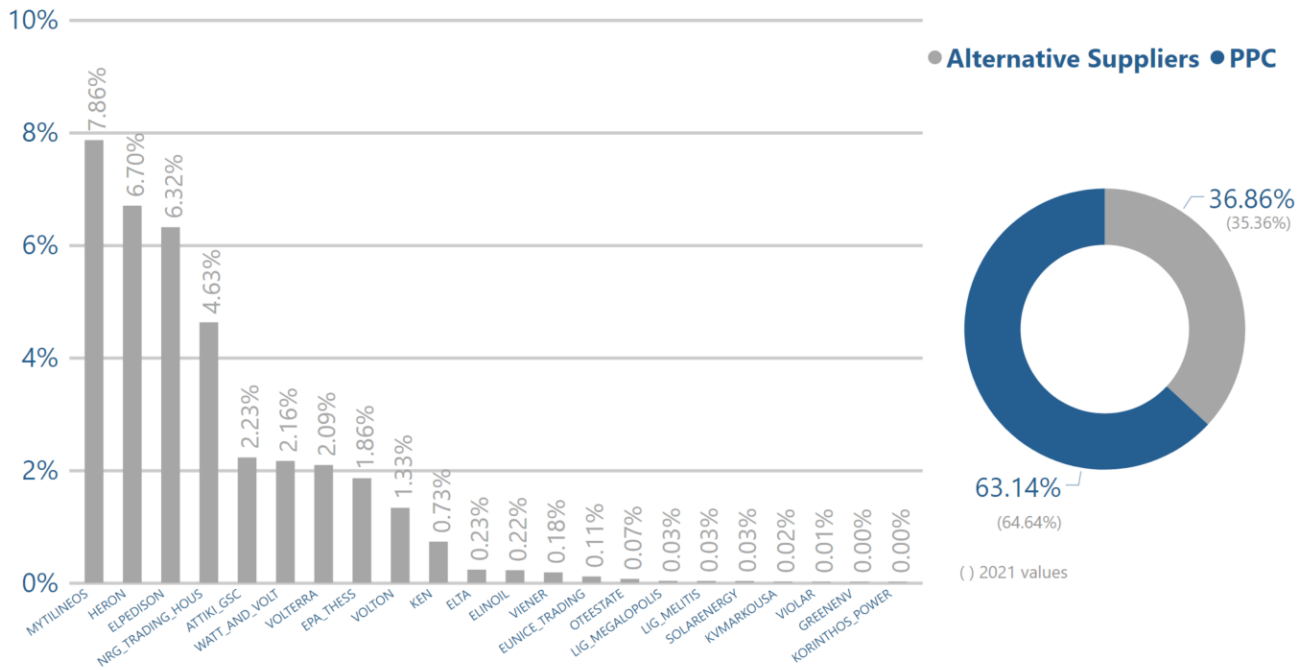


Final Market Schedule Shares for RES Production Units per Market Participant

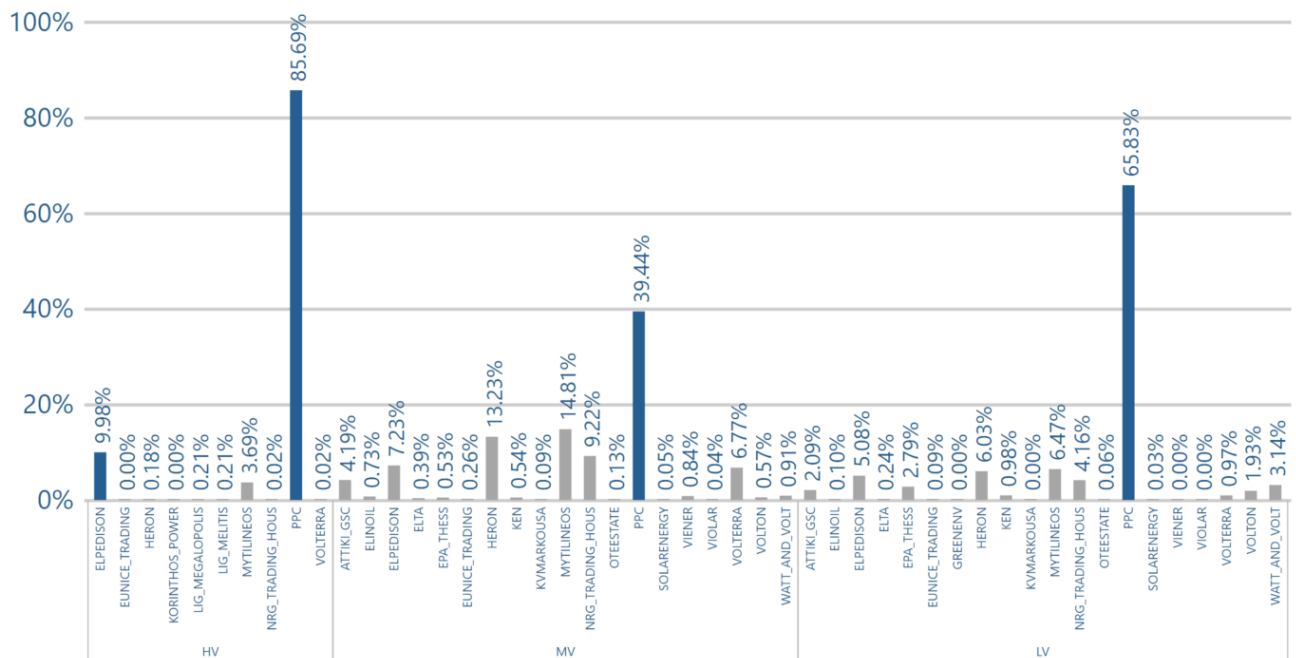


*The percentage of DAPEEP includes the percentage of its role as a Last Resort RES Aggregator (FOSETEK)

Final Market Schedule Shares for Domestic Load per Market Participant



Final Market Schedule Shares for Domestic Load per Voltage Level and Market Participant

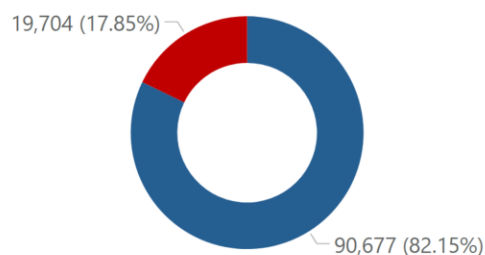


Derivatives Market

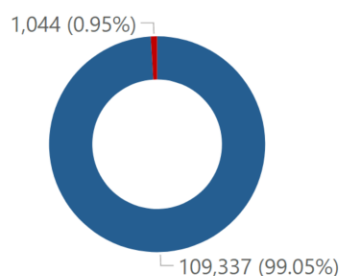
Traded Instruments – Value (€), Volume (MWh), Number & Vol

Instrument	Traded Value [€]	Traded Volume [MWh]
GREBM0822	14,228,628.00	32,736
GREBM0922	6,058,080.00	10,080
GREBQ222	2,803,908.00	15,288
GREBM1122	2,692,800.00	9,360
GREBM1222	1,883,976.00	5,952
GREBM0322	1,846,355.00	8,916
GREBM0123	1,758,816.00	5,952
GREBM1022	1,701,580.00	3,725
GREBM0422	1,092,240.00	4,320
GREBQ322	1,064,256.00	4,416
GREBM0622	834,840.00	3,600
GREBM0522	680,760.00	2,976
GREBM0222	470,064.00	2,016
GREPM0522	131,472.00	528
GREPM0422	72,891.00	252
GREPM0622	70,554.00	264
Total	37,391,220.00	110,381

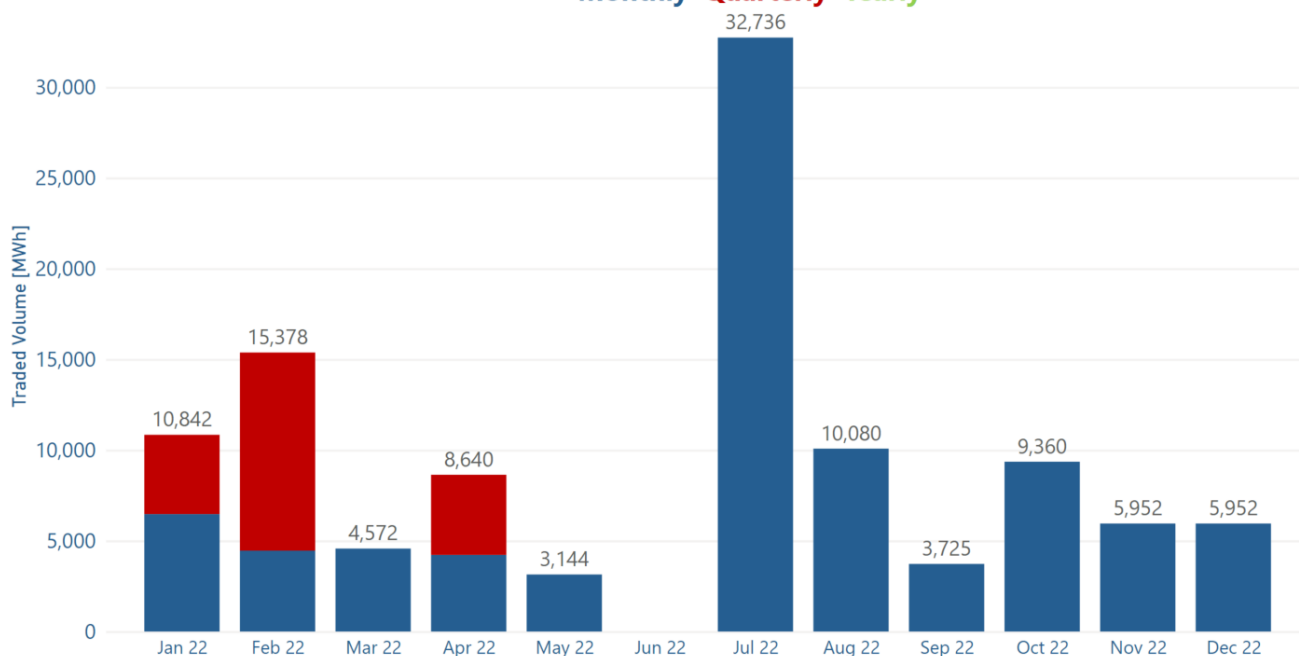
Traded Volume [MWh] for **Monthly** **Quarterly** **Yearly**



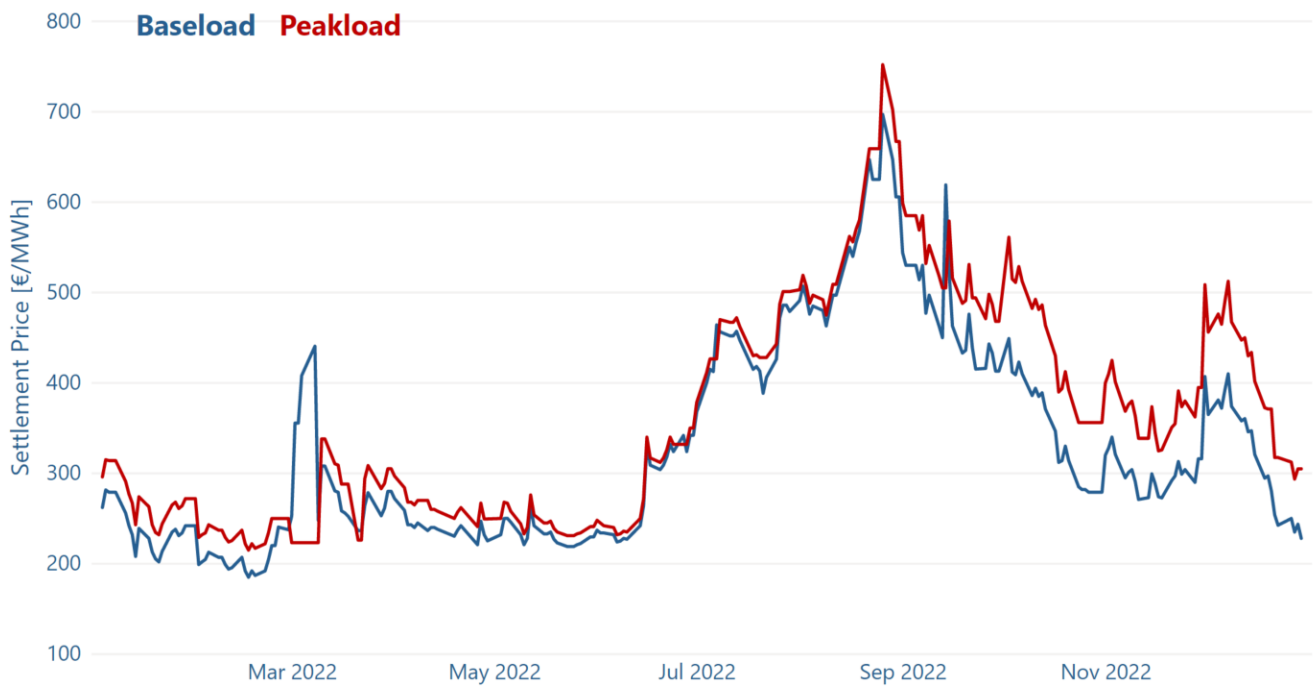
Traded Volume [MWh] for **Baseload** **Peakload**



Monthly **Quarterly** **Yearly**



Daily Settlement prices for Month-Ahead (M+1) Instrument

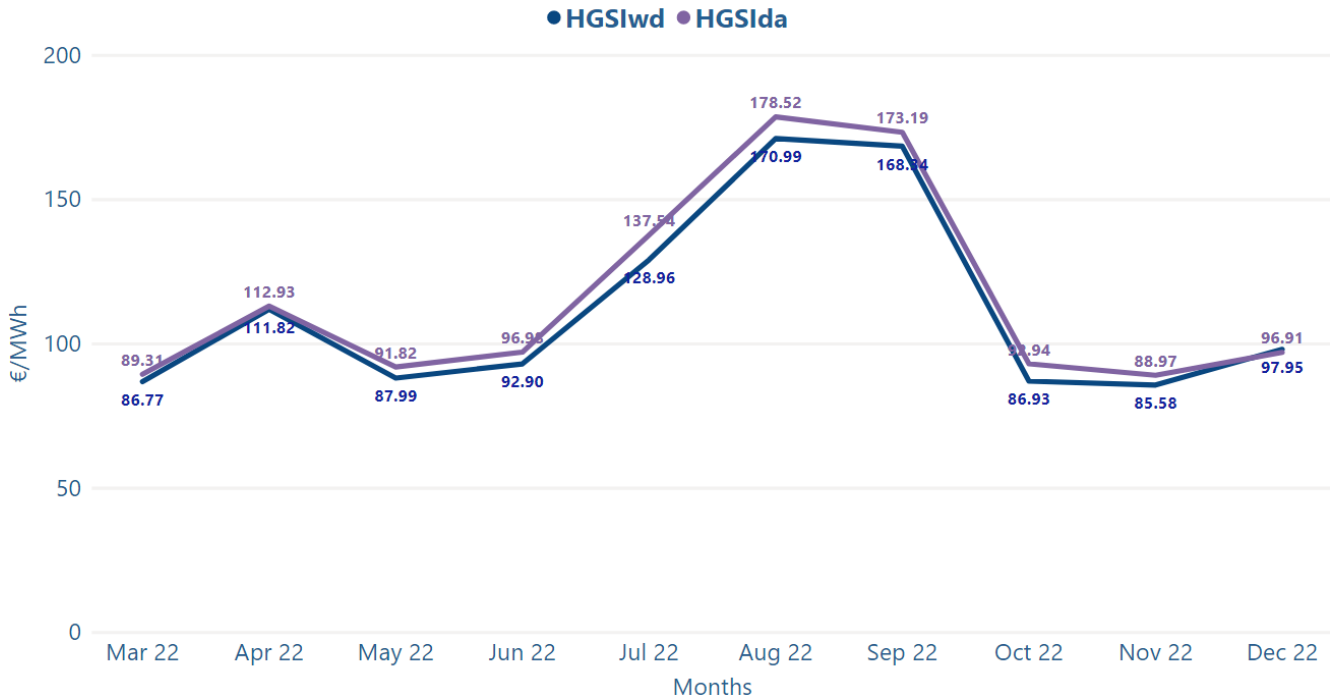


Final settlement prices for 2022 for monthly products

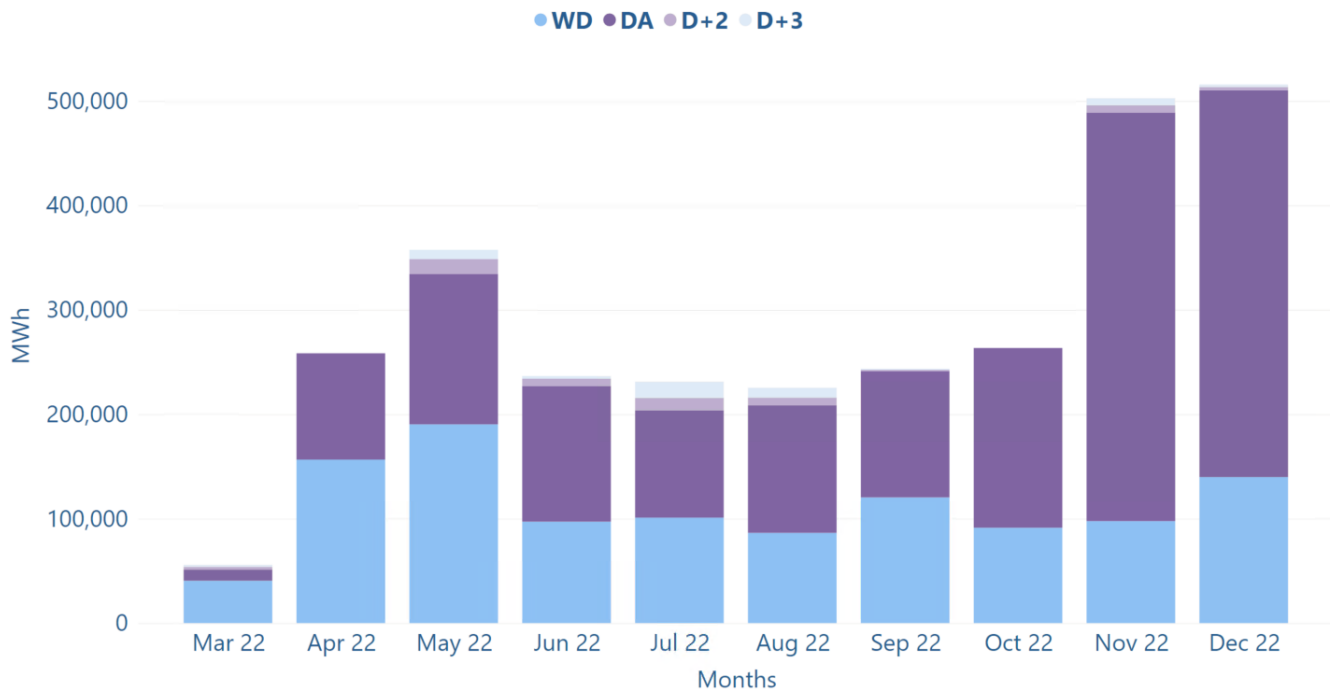
Series	Final Settlement Price (€/MWh)	% change	Series	Final Settlement Price (€/MWh)	% change
GREBM0122	227.30		GREPM0122	252.76	
GREBM0222	211.71	⬇️ -7%	GREPM0222	223.69	⬇️ -12%
GREBM0322	272.68	⬆️ 29%	GREPM0322	282.66	⬆️ 26%
GREBM0422	246.60	⬇️ -10%	GREPM0422	251.38	⬇️ -11%
GREBM0522	225.07	⬇️ -9%	GREPM0522	227.90	⬇️ -9%
GREBM0622	240.49	⬆️ 7%	GREPM0622	255.22	⬆️ 12%
GREBM0722	338.14	⬆️ 41%	GREPM0722	359.65	⬆️ 41%
GREBM0822	436.53	⬆️ 29%	GREPM0822	464.89	⬆️ 29%
GREBM0922	416.87	⬇️ -5%	GREPM0922	442.70	⬇️ -5%
GREBM1022	232.60	⬇️ -44%	GREPM1022	257.36	⬇️ -42%
GREBM1122	227.75	⬇️ -2%	GREPM1122	276.52	⬆️ 7%
GREBM1222	276.89	⬆️ 22%	GREPM1222	338.87	⬆️ 23%

2. Natural Gas Market

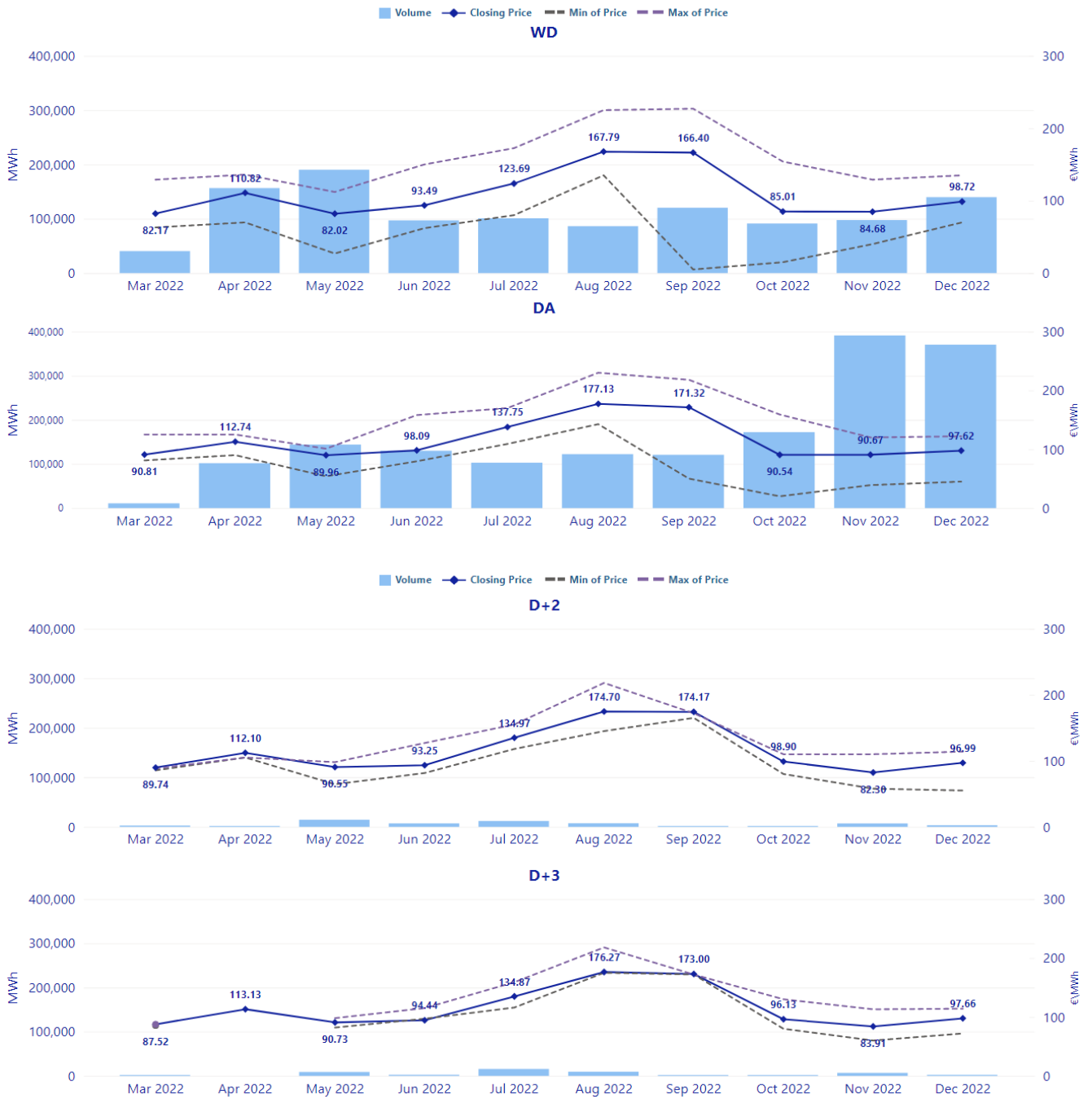
HEnEx NGAS indices



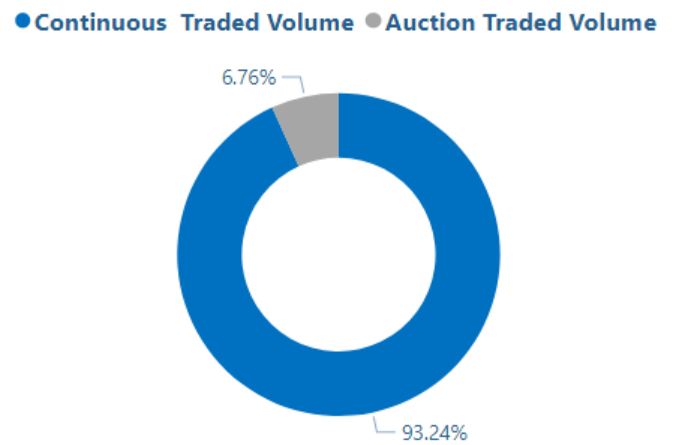
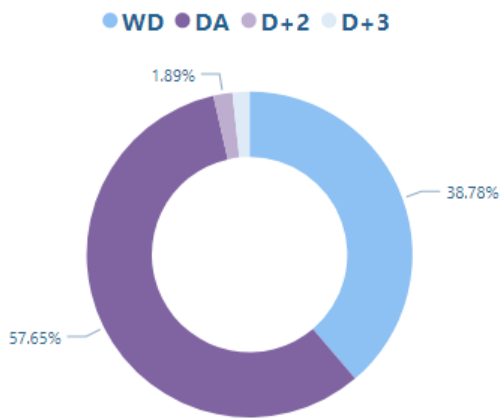
Trading Volume per Contract



Volume, Closing, Min, & Max Prices per Month & Product



Trading Volume per Product & Session



3. Annex

Definitions

ACRONYM	Definition
GR BZ	Greek Bidding Zone
MCP	Market Clearing Price
NTC	Net Transfer Capacity

Market Details

- Market Time Units of GR BZ are in CET-hr.
- The Intraday Market of GR BZ consists of three Complementary Regional Intraday Auctions (CRIDAs) and of a Continuous Intraday Market (XBID), which operates from Delivery Date 30/11/2022.
- Natural Gas Trading Platform operates from HEnEx from was launched on Gas Day 21/03/2022.