



ALPEX
Bursa Shqiptare e Energjisë Elektrike

Annual Report 2024

Albanian Power Exchange - ALPEX Sh.a

ALPEX is the responsible entity for managing and operating the organized wholesale electricity market for the bidding zones of Albania and Kosovo. It has been designated by ERE and ERO as the Nominated Electricity Market Operator (NEMO).

Key Achievements

- On April 11, 2023, the first auction for the delivery day of April 12, 2023, was conducted in the Day-Ahead Market for Albania's bidding zone.
- On January 31, 2024, the first auction for the delivery day of February 1, 2024, was conducted in the Day-Ahead Market for Kosovo's bidding zone, marking the market coupling between Albania and Kosovo.
- On December 11, 2024, the first auction for the delivery day of December 12, 2024, was conducted in the Intraday Auction Market, marking the coupling of this market between the two countries.

ALPEX Responsibilities and Core Functions

Operation of the electronic Trading and Clearing platform.

- Registration of Exchange members.
- Ensuring Exchange Members' access to ETSS for order submission.
- Publishing market results for ALPEX markets.
- Clearing and settlement of transactions.

Management of the organized wholesale electricity Market

- Administration of membership applications for Exchange Members and General Clearing Members.
- Training and certification of trading agents
- Monitoring and supervising of the organized market.

Day-Ahead Market - ALPEX

Annual Trading Indicators for 2024

- A total volume of **1,172,580.58 MWh** of electricity was traded in the Day-Ahead Market at an average clearing price of **112.01 €/MWh**.
- Energy flow:
 - From Albania to Kosovo: **27,816.94 MWh**
 - From Kosovo to Albania: **241,097.29 MWh**.
- Total offers:

- Buy: **1,534,425.97 MWh**.
- Sell: **1,868,626.34 MWh**.
- Records:
 - Market Time Unit (MTU): **497.87 MWh** (May 19, 2024).
 - Daily record: **7,816.05 MWh** (23 May 2024).
 - Monthly record: **133,906.13 MWh** (May 2024).
 - Highest energy flow: **41,859.80 MWh** (June 2024, from Kosovo to Albania).
- Total invoicing (Purchase/Sell): **€301 million**.

New Exchange Members

During 2024, ALPEX welcome 17 new Exchange Members in Day-Ahead Market, and 2 new General Clearing Members.

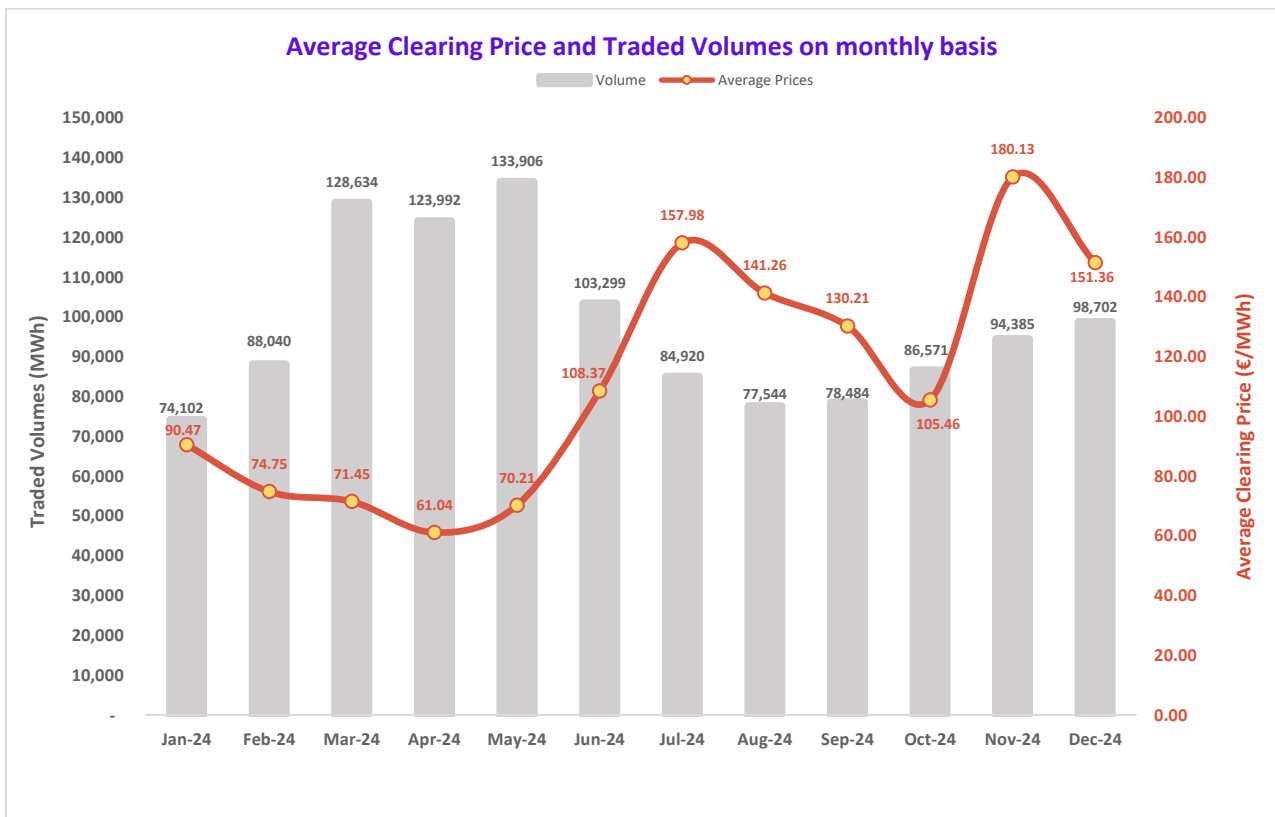
- Total members:
 - 36 Exchange Members, and
 - 4 General Clearing Members.

Day-Ahead ALPEX Markets		
Y 2024	DAM Price (€/MWh)	DAM Volumes (MWh)
Daily Average	€ 112.01	3,940.32
Daily. Max	€ 452.68	7,816.05
Daily. Min	€ 21.61	1,918.90
Total		1,172,580.58

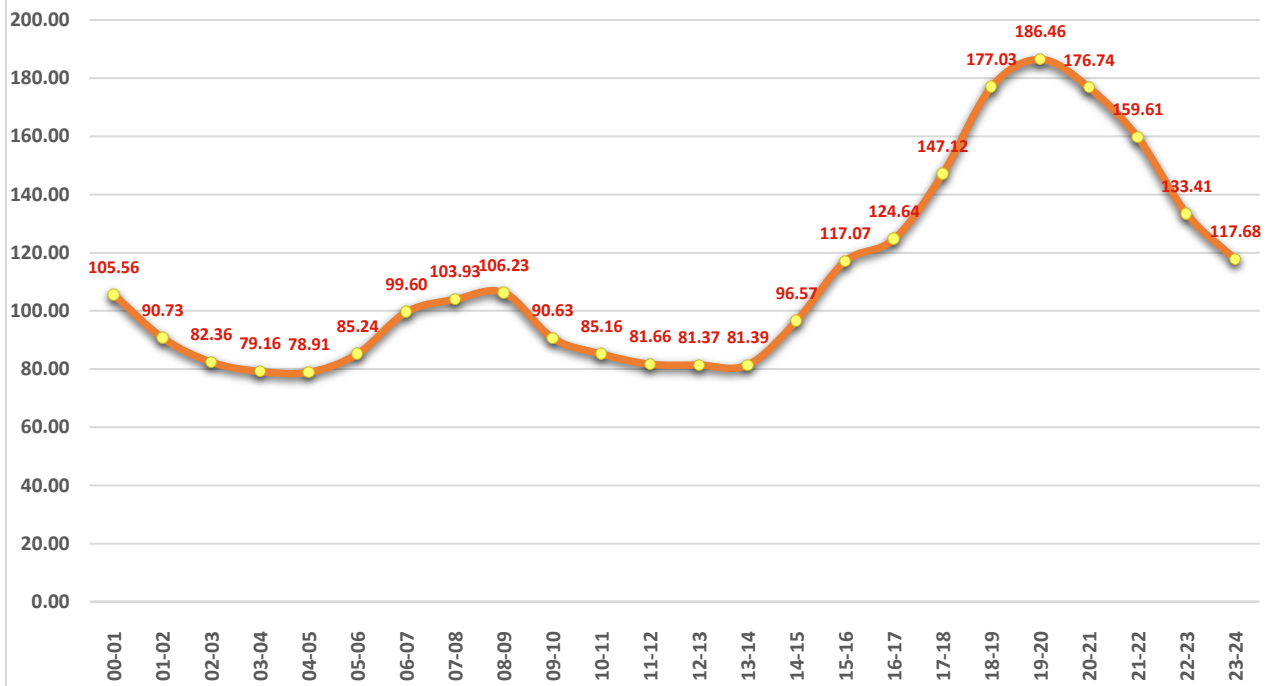
The Performance of Day-Ahead Market (DAM)			
Period	Volume (MWh)	Invoicing Purchase-Sell (€)	Average Price (€/MWh)
2023	827,541.08	€ 167,702,808	€ 100.15
2024	1,172,580.58	€ 301,013,609	€ 112.01
Variance (%)	↑ 41.69%	↑ 79.49%	↑ 11.84%

Albanian Bidding Zone			
Period	Volume (MWh)	Invoicing Purchase-Sell (€)	Average Price (€/MWh)
2023	827,541.08	€ 167,702,808	€ 100.15
2024	807,328.67	€ 171,445,464.32	€ 112.01
Variance (%)	↓ 2.44 %	↑ 2.23 %	↑ 11.84 %

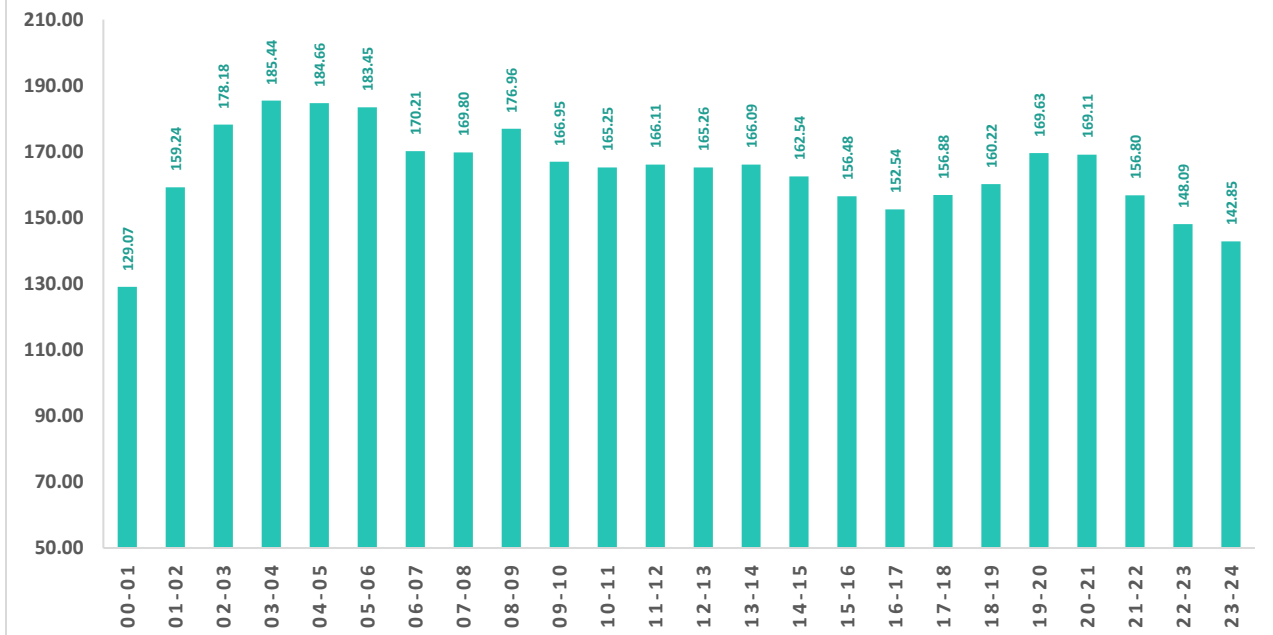
Kosovo Bidding Zone			
Period	Volume (MWh)	Invoicing Purchase-Sell (€)	Average Price (€/MWh)
2023	<i>First year of operation in 2024</i>		
2024	635,396.02	€ 129,741,045.88	€ 114.00
Variance (%)			



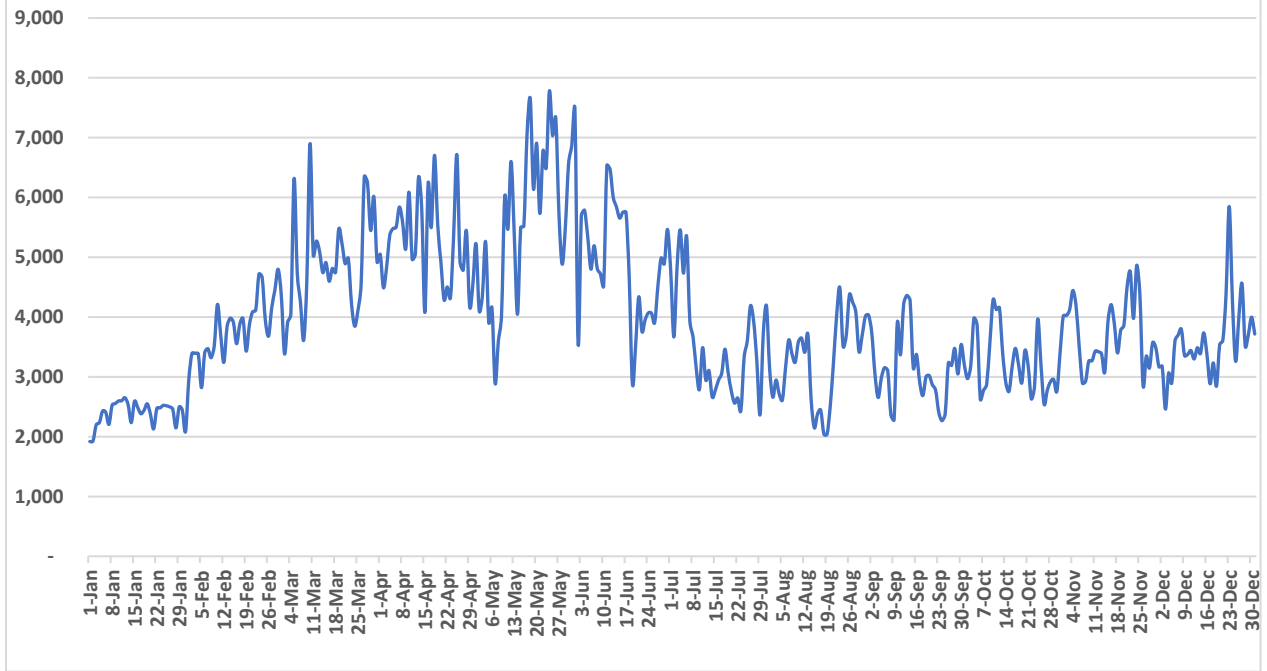
Average hourly Clearing Price in €/MWh - 2024



Average Traded Volumes per MTU - MWh



Daily Volumes in MWh traded during 2024



Intraday Auction Market (IDM) Performance

- A total volume of **365.53 MWh** of electricity was traded in the Intraday Auction Markets with average clearing price by **200.80 €/MWh**.
- Energy flow:
 - From Albania to Kosovo: **167.30 MWh**.
 - From Kosovo to Albania: **91.15 MWh**.

New Exchange Members in IDM

During 2024, ALPEX welcome 14 new Exchange Members on Intraday Auction Market (IDM).

Intraday Auction Market of ALPEX		
Year 2024	IDM Price in (€/MWh)	IDM Traded Volumes (MWh)
Daily. Average	€ 213.16	213.14
Daily. Max	€ 312.97	250.00
Daily. Min	€ 86.00	185.58
Total		365.53