

CATES at a Glance



Key Information on Power Plant



Catalagzi (CATES) Thermal Power Plant

Location	License Number	Installed Capacity	License Date	Licensing Period	Operation Date
Zonguldak / Catalagzi	EÜ/5358- 1/03178	314.68 MWe/ 319.6 MWm	18.12.2014	49 Years	22.12.2014

- The power plant consists of two units with a total power of 314.68 MWe, 2x157.34 MWe, where the commissioning works were completed in 1989 and 1991 for Unit 1 and Unit 2, respectively. Unit 1 started commercial operation (providing electricity to the system) in 1990 and Unit 2 in 1991.
- The Company was founded for the purpose of utilizing the hard coal obtained from the Zonguldak region and using it in electricity production, and was acquired through the privatization tender opened by the Privatization Administration in 2014. The Company has an electricity generation license for 49 years, starting in 2014. The power plant was operating within EUAS portfolio before the privatization.
- The Company produces and sells electricity with the electricity generation license numbered EÜ/5358-1/03178 dated 18 December 2014. The license is valid until 22 December 2063.
- Catalagzi Thermal Power Plant, as the first and only local hard coal power plant of Turkey, played an important role in the development of the country's energy sector. The Company's annual electricity generation capacity is 2,286 GWh.



Key Information on Power Plant

Power Plant Equipment

Boiler: Natural circulation boiler with reheater, single burner, dome (Boiler is the process in which the energy is obtained by burning coal and converting pure water into superheated steam. Supplier: Transelektro)

Boiler Heat Capacity: 480 t/h

Steam Temperature: 535 °C

Steam Pressure: 139.5 kg/cm²

Turbine: Condensing turbine with two cylinders, double exhaust and reheat steam pipe. (It enables the generator coupled with the superheated steam to rotate the turbine at 3,000 de/min. Supplier: Mitsubishi)

Turbine Capacity: 157,340 kW/h

Steam Pressure: 135 kg/cm²

Temperature: 535 °C

Rotational Speed: 3,000 d/d

Generator: Hydrogen cooled, 3 phase generator. (While it rotates at 3,000 rpm with the turbine it is coupled to, it generates energy by excitation of its rotor and feeds the step-up transformer to be transmitted to the interconnected system. Supplier: Mitsubishi)

Capacity: 180 MVA

Output Voltage: 15 KV

Frequency: 50 Hz

Company Milestones

1974

As decided in the public investment program, in addition to Çatalağzı A Power Plant, the construction of Çatalağzı B Power Plant, now known as Çatalağzı Thermal Power Plant, was initiated.

1989

Unit 1 at Çatalağzı B Power Plant started commercial operation (supplying electricity to the system) in 1990 and Unit 2 in 1991. Upon winning the tender organized by the Privatization Administration, Çatalağzı Thermal Power Plant and the immovables used in this power plant were acquired from EÜAŞ through asset sale. Since 2014, Çatalağzı Thermal Power Plant has been operated by the Company.

2014

Since Çatalağzı A Power Plant with an installed capacity of 129 MWe, which was started to be constructed in 1946 in order to meet the increasing electrical energy deficit of our country's industry, would reach the end of its economic life in 1982, it was decided to build a new power plant with a capacity of 1x157.34 MWe in the 1974 public investment program.



Unit 1 of Çatalağzı B Power Plant started its first trial production.



1990-1991

Çatalağzı Thermal Power Plant was auctioned by the Privatization Administration through asset transfer.

2014



On December 11, 2014, the Company's share capital was increased from TL 100.000 to TL 48.000.000, fully funded in cash.

The Company has completed investments in flue gas treatment facilities that will meet the emission values defined by the Ministry of Environment in the relevant

All of the shares representing the capital of the Company were transferred by Bereket Enerji Üretim A.Ş. to Bereket Enerji Group A.Ş. and Bereket Enerji Group A.S. became the sole

shareholder of the Company.



2017

2021



The Company has obtained the Environmental Permit and License valid for 5 years starting from June 4, 2021 and still fulfills all its obligations regarding environmental legislation.



2019

2020

2019 Bereket Enerji Grubu A.Ş.'nin ünvanı Aydem Holding A.Ş. olarak değiştirilmiş olup söz konusu ünvan değişikliği işlemi 10 Aralık 2019 tarihinde ticaret sicil nezdinde tescil edilmiş, 16 Aralık 2019 tarih ve 797 sayılı TTSG'de ilan edilmiştir.

2022

2022 - The Company's share capital was increased from TL 48.000.000 to TL 85.440.000 on June 28, 2022. All of the increased capital amounting to TL 37.440.000 was covered by the capitalization of the capital advances followed under 529 - Other Capital Reserves account, all of which were met in cash by Aydem Holding A.Ş., the sole shareholder of the Company. Published in TTSG dated June 29, 2022 and numbered 10609.

With the Board of Directors decision dated January 05, 2023 and registered on January 13, 2023, the sole shareholding of the Company was transferred to Parla Enerji Yatırımları A.Ş., a 100% subsidiary of Aydem Holding A.S.

2023

2023

The Company has accepted the registered capital system in accordance with the provisions of the Capital Markets Law No. 6362 and has switched to the registered capital system with the permission of the Capital Markets Board dated May 17, 2023 and numbered 27/620. On July 12, 2023, the Company's transition to the registered capital system was registered and

the Company's registered capital ceiling is TL 300.000.000.

2023

2022



production has not started at Zonguldak Bağlık-İnağzı site. In 2023, a drying, screening and

crushing stock facility was built in Çankırı-Orta field amounting to TL 138 million (indexed amount based on purchasing power as of December 31, 2023).

The Company acquired the license and operating rights of Çankırı Orta and Zonguldak Bağlık-İnağzı coal fields on December 19, 2022 and November 28, 2022, respectively, for a consideration of TL 46 million for Çankırı Orta and TL 78 million for Zonguldak Bağlık-İnağzı coal mining field (indexed on the basis of purchasing power as of December 31, 2023). As of December 31, 2023, On January 31

On January 31, 2023, the Company's capital was increased from TL 85,440,000 to TL 140,405,000, all of which was paid in Cas 14.0,405,000 in TTSG dated January 31, 2023 and numbered 10759.

2023

2023 The Company has been listed on Borsa Istanbul since December 7, 2023.



Shareholding Structure

Parla Enerji Yatırımları A.Ş. (Parla Enerji) owns 79.99% of the Company's shares and the remaining 20.01% is publicly traded. Parla Enerji is wholly (100%) owned by Aydem Holding.





Operational management performance at global standards

Our operations at Catalagzi
Thermal Power Plant are carried
out with the Integrated
Management System. Our
internationally recognized
certificates ensure that energy is
produced safely and efficiently..

ISO 14001
Environmental
Management

ISO 50001 Energy Management

ISO 9001
Quality
Management

ISO 45001
Occupational
Health and Safety

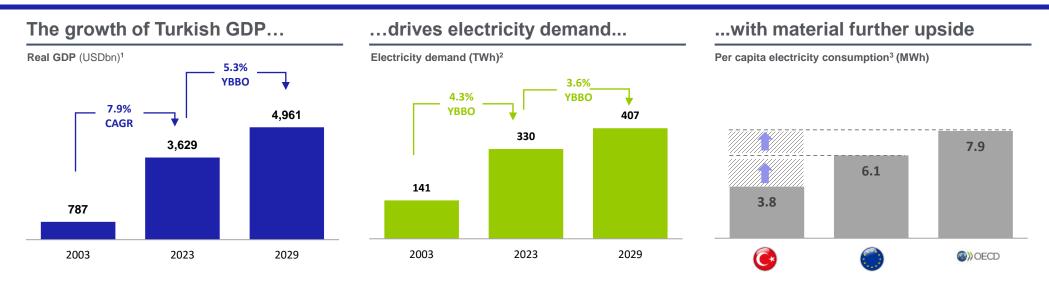
ISO 27001
Information Security
Management



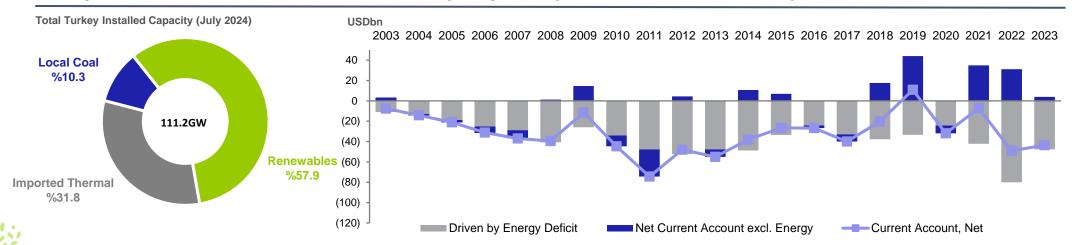
Turkish Electricity Market



Plays a strategic role in Turkey's energy sector and future



Turkey benefits from the local coal installed capacity to help reduce its reliance on imports

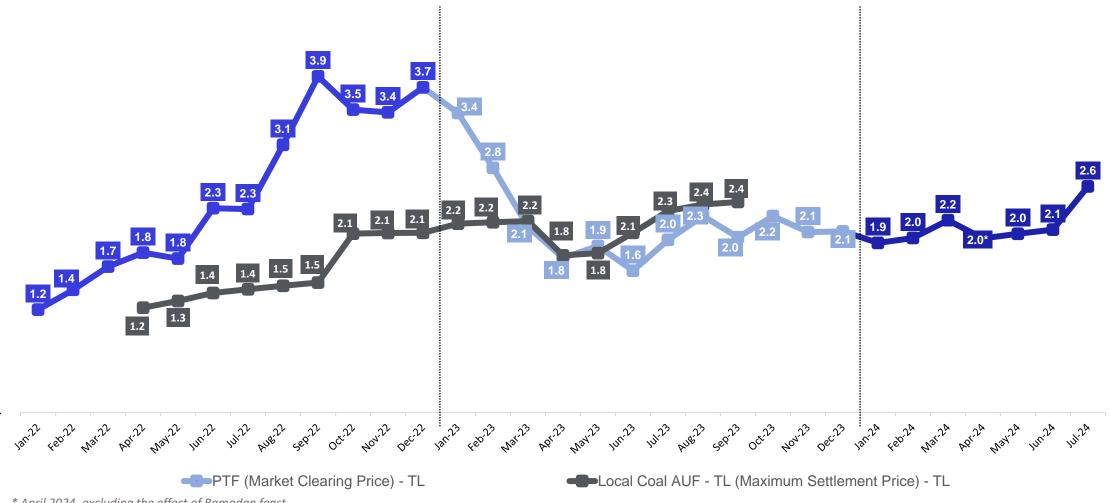


Source: IMF, IED, TEIAS, Central Bank of Republic of Turkey, Turkish Statistical Institute 1 2003-2023 actuals, 2029 forecast both based on IMF (forecasts as of April 2024).

² 2003-2023 actuals as per latest TEIAS and 2029 forecast based on recent TEIAS base scenario demand forecasts (March 2023)

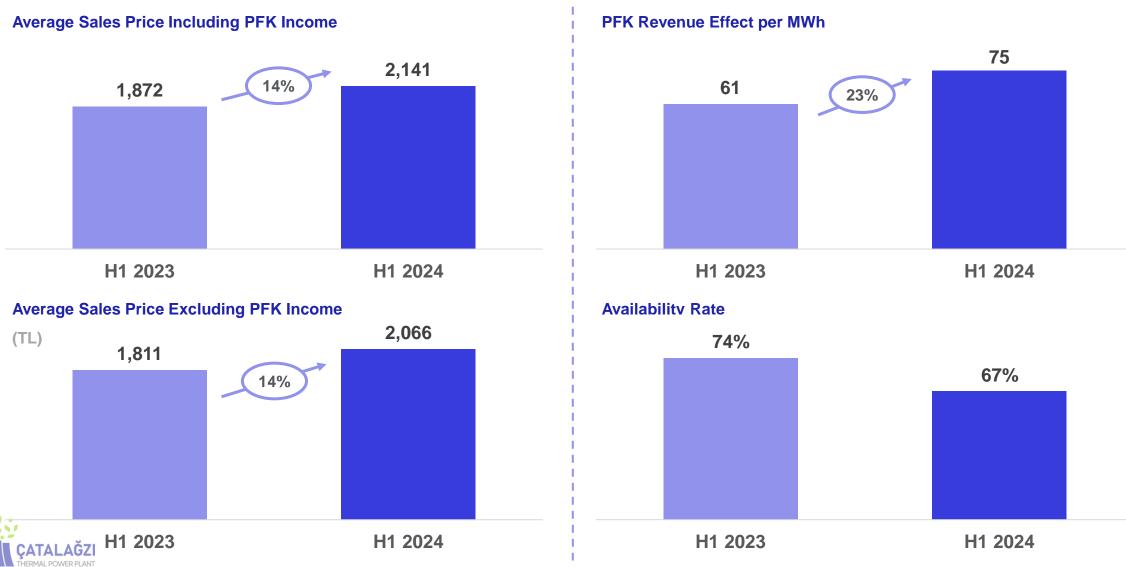
³ International Energy Agency (December 2023)

Price Changes (2022 - 2023 - 2024 / TL)



^{*} April 2024, excluding the effect of Ramadan feast

Key Price Indicators of ÇATES

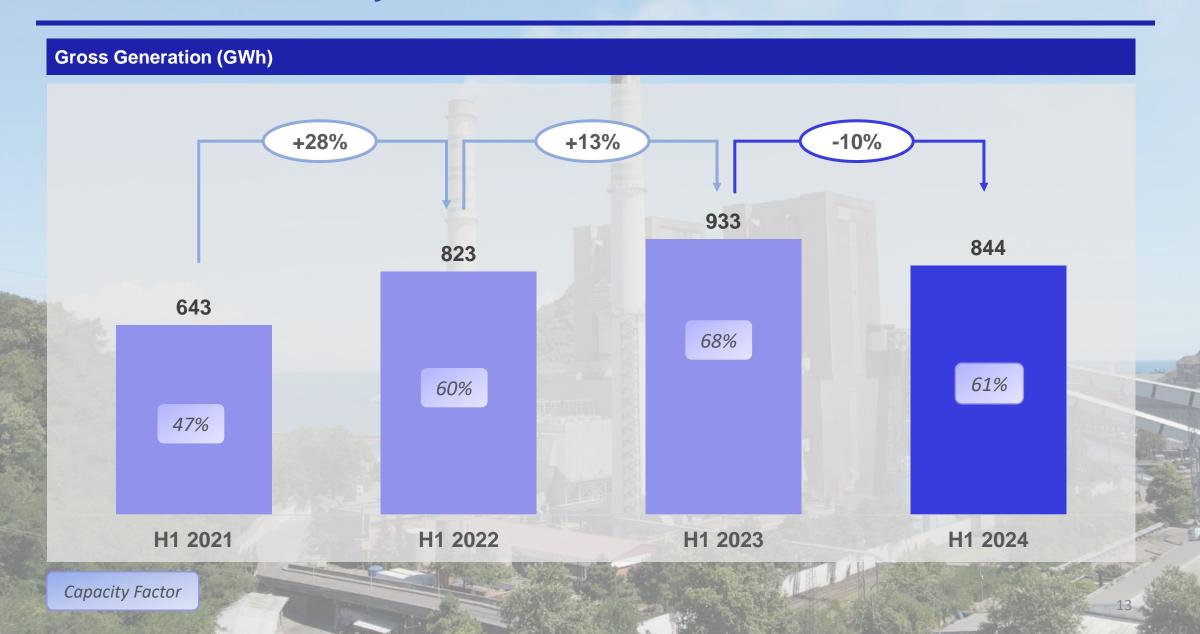


PFK: Primer Frekans Kontrol 11
PFK: Primary Frequency Control

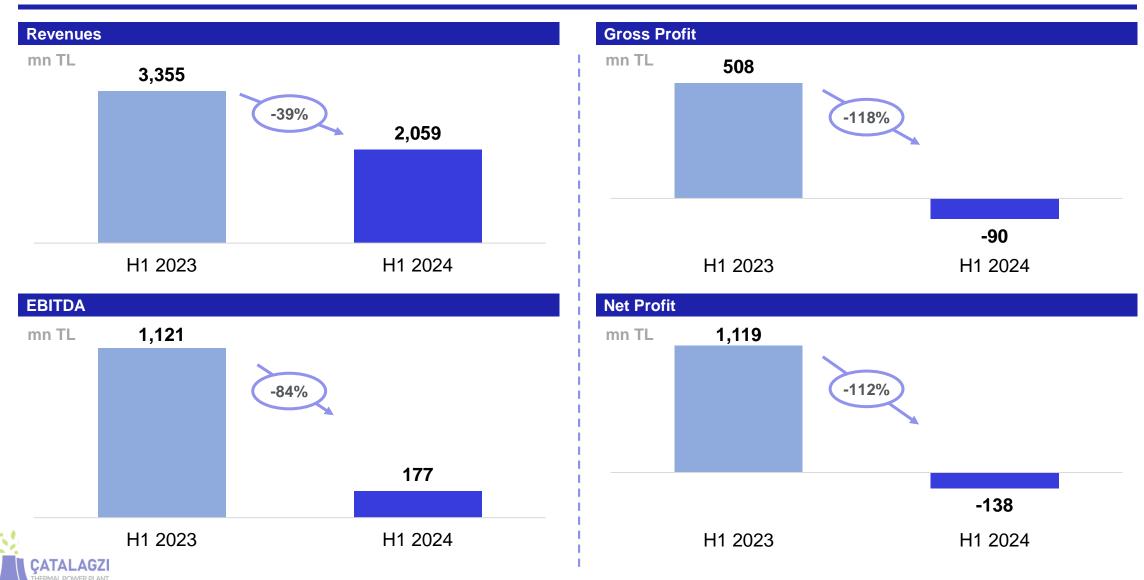
Featured in H1 2024



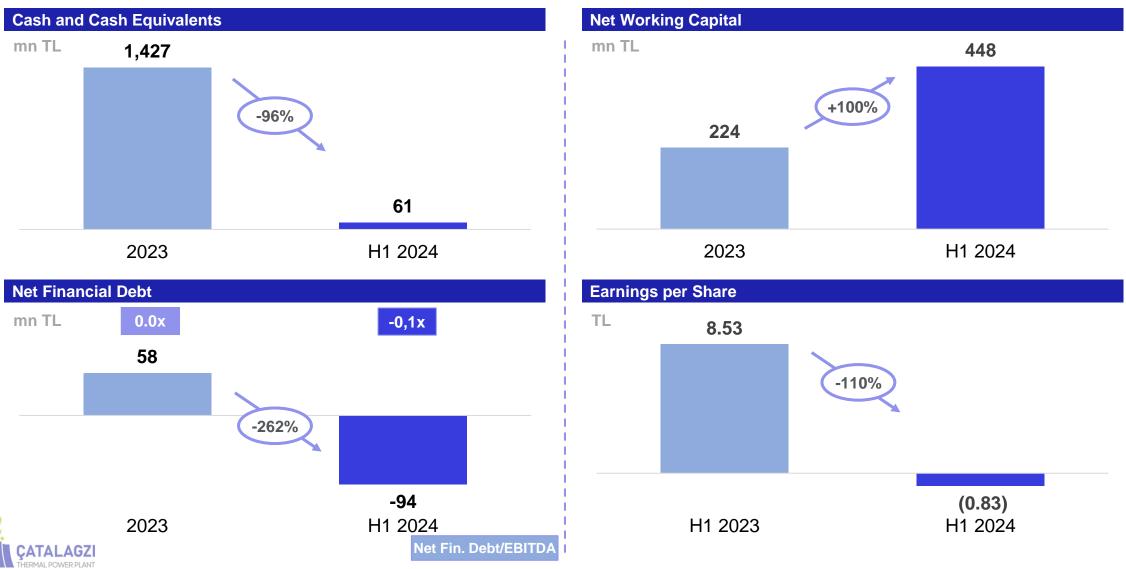
Power Plant Electricity Generation



Summary Financials



Summary Financials



Annexes



Annex 1 - Summary Consolidated Tables (TFRS)

Summary Statement of Financial Position (TL mn)	June 30, 2024	December 31, 2023
Current Assets	814	2,711
Non-Current Assets	10.882	11,227
Total Assets	11,696	13,938
Current Liabilities	366	2,487
Non-Current Liabilities	1,401	1,369
Total Liabilities	1,767	3,856
Equity	9,929	10,082
Total Liabilities & Equity	11,696	13,938

Summary of Profit or Loss Statement (TL mn)	June 30, 2024	June 30, 2023
Revenue	2,059	3,355
Cost of Sales	(2,149)	(2,847)
Gross Profit/(Loss)	(90)	508
General Administrative Expenses	(149)	(130)
Other Operating Income, Net	46	284
Operating Profit (Loss)	(193)	662
Depreciation and Amortization Expenses	390	457
EBITDA	177	1,121
EBITDA Margin	8.6%	33.4%
Expenses from Investment Activities, Net	0.8	-
Financial Expenses, Net	88	273
Gain Before Tax	(104)	935
Tax Income/(Expense)	(33)	185
Net Profit/Loss for the Period	(138)	1,119



Annex 2 - Developments – Subsequent Period

✓ In accordance with our Company's Principles Regarding Related Party Transactions, the Conclusion Section of the Board of Directors Report on Related Party Transactions for the Fiscal Year 2024 was published on our Company's Public Disclosure Platform (KAP) page.



^{*}For more information, please visit our Company's Public Disclosure Platform (KAP) page and/or the Material Event Disclosures page on our Company's Investor Relations page.

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