



ÇATALAĞZI
THERMAL POWER PLANT

CATES
Investor Presentation
H1 2024

CATES at a Glance



Key Information on Power Plant



**Catalagzi
Thermal Power Plant**
Zonguldak, 314.68 MW



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

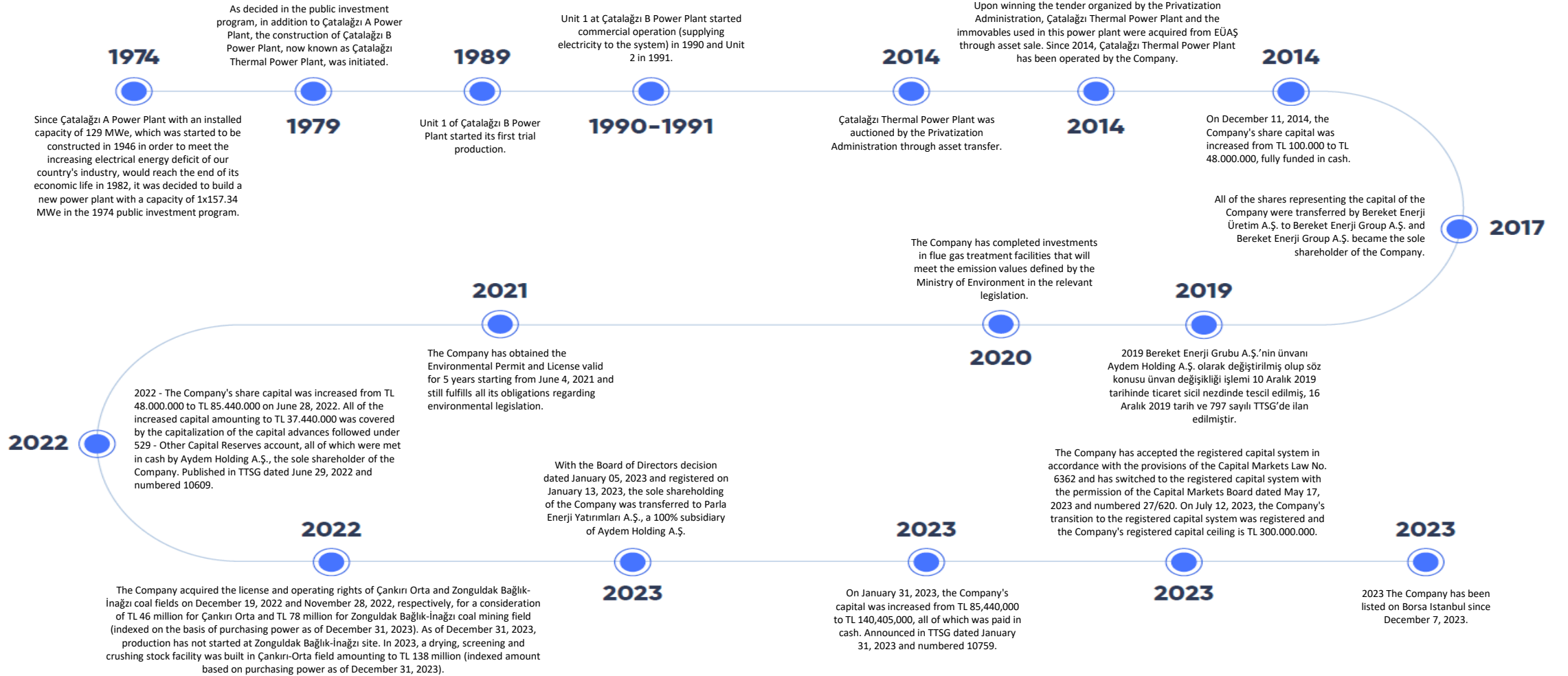
Turbine: Condensing turbine with two cylinders, double exhaust and reheat steam pipe. (It enables the generator coupled with the superheated steam to rotate the turbine at 3,000 de/min. Supplier: Mitsubishi)

- 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)

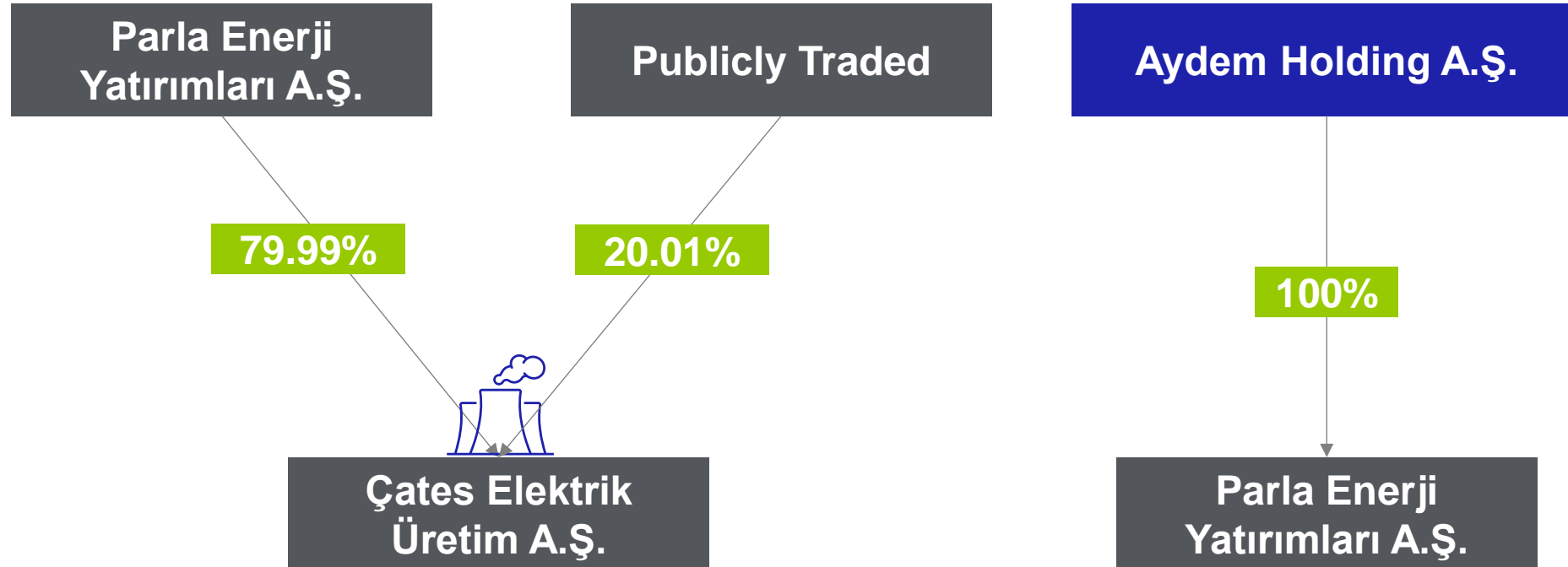
- Capacity: 180 MVA
- Output Voltage: 15 KV
- Frequency: 50 Hz

Company Milestones



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



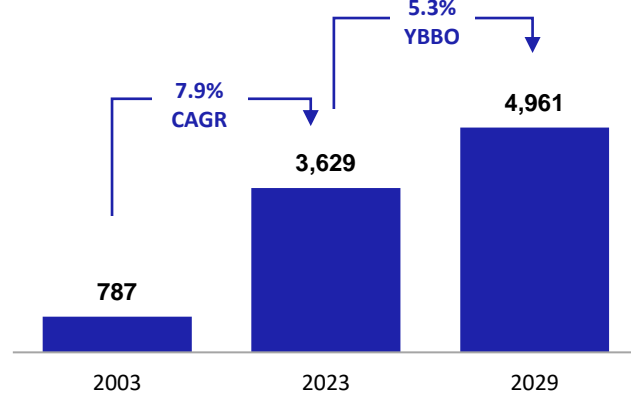
Turkish Electricity Market



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

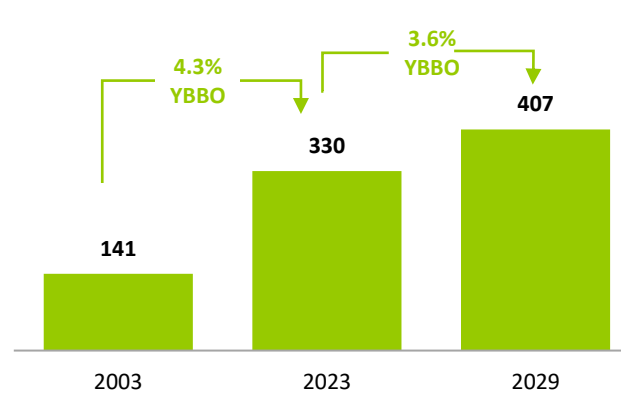
The growth of Turkish GDP...

Real GDP (USDbn)¹



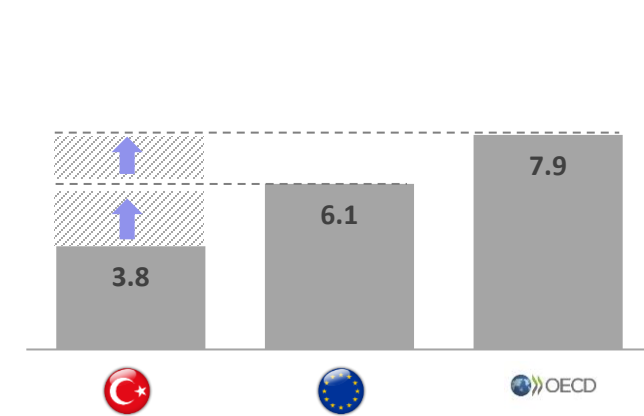
...drives electricity demand...

Electricity demand (TWh)²



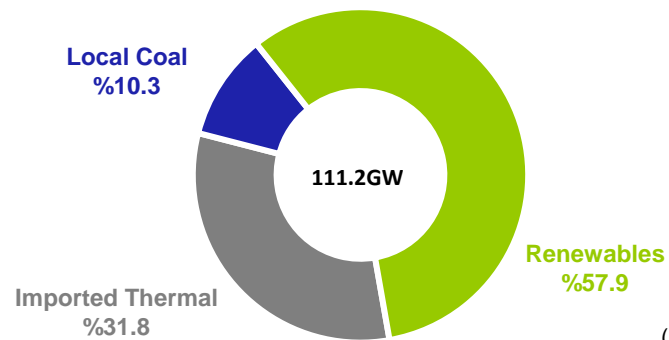
...with material further upside

Per capita electricity consumption³ (MWh)

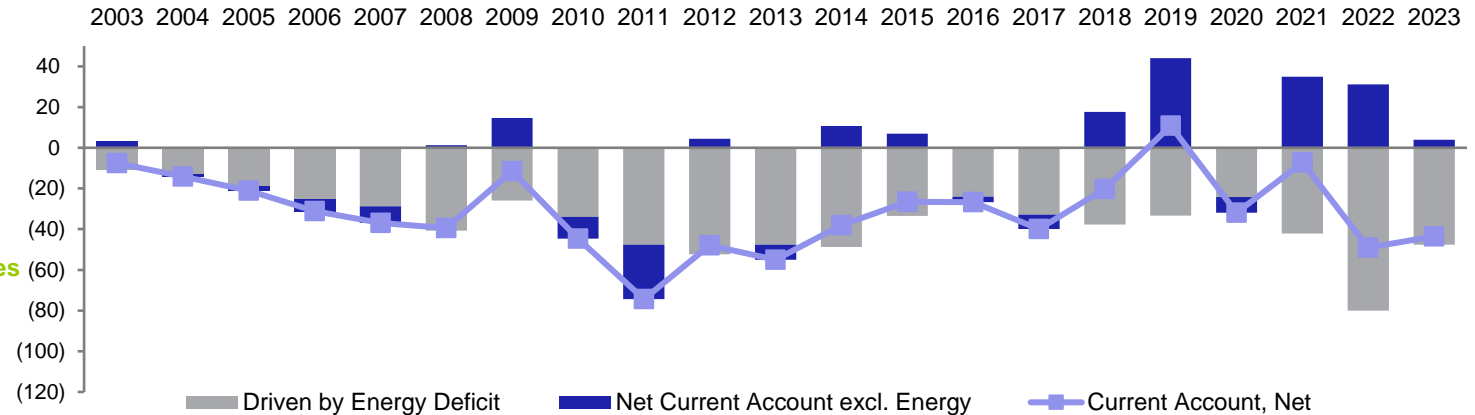


Turkey benefits from the local coal installed capacity to help reduce its reliance on imports

Total Turkey Installed Capacity (July 2024)



USDbn



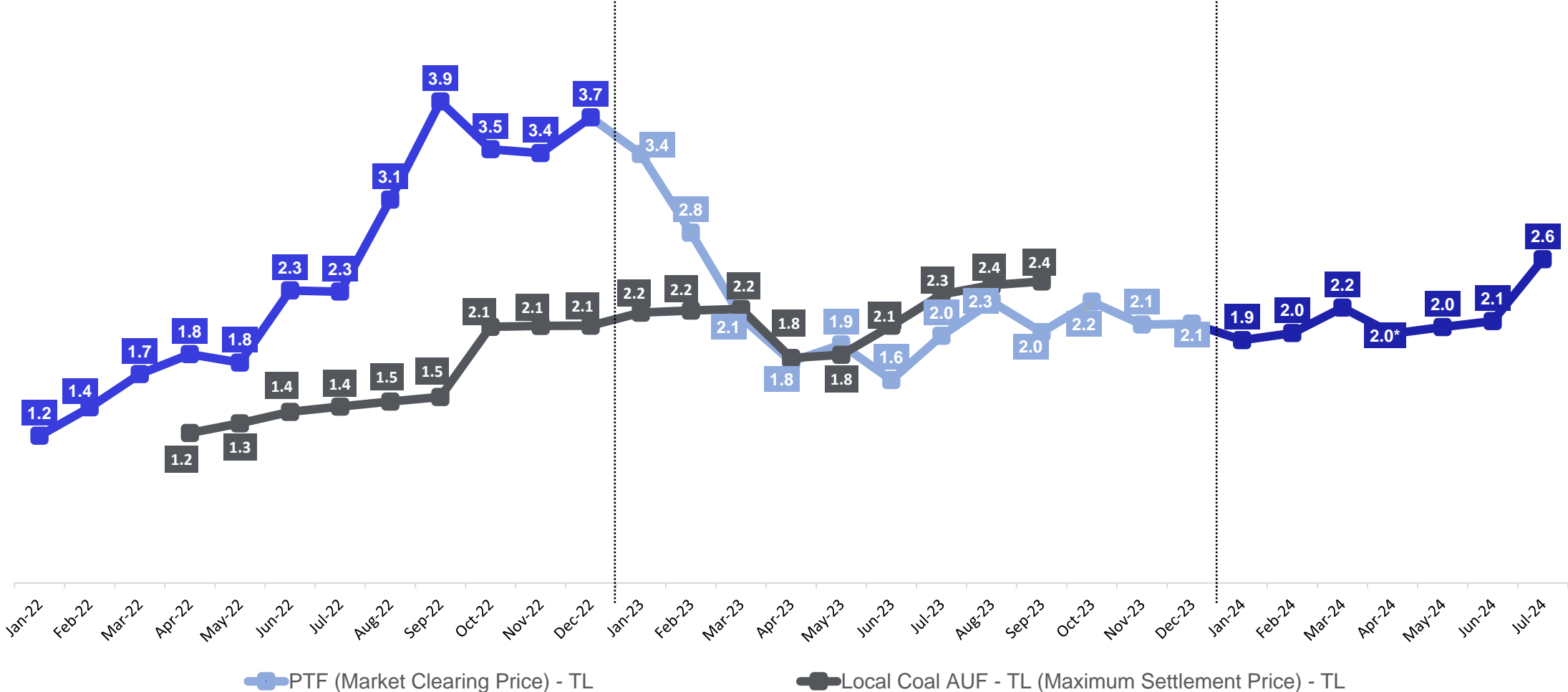
Source: IMF, IED, TEIAS, Central Bank of Republic of Turkey, Turkish Statistical Institute

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)

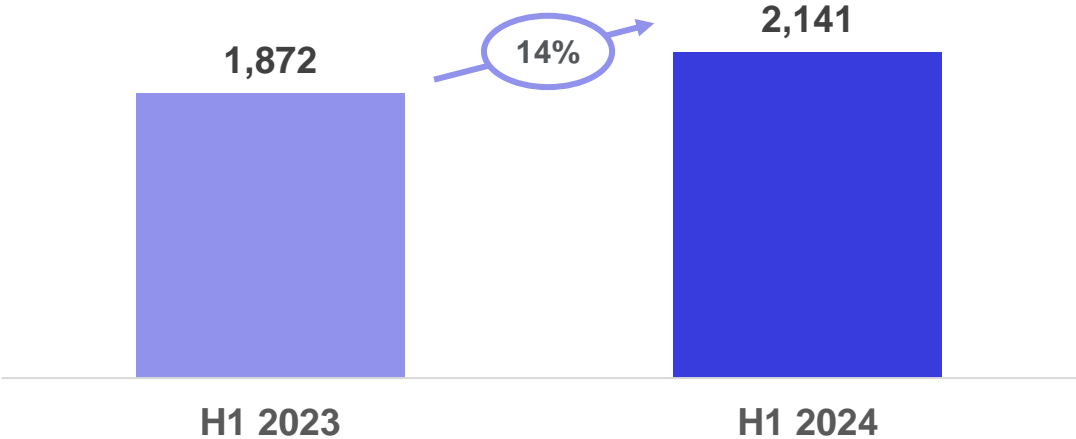


* April 2024, excluding the effect of Ramadan feast

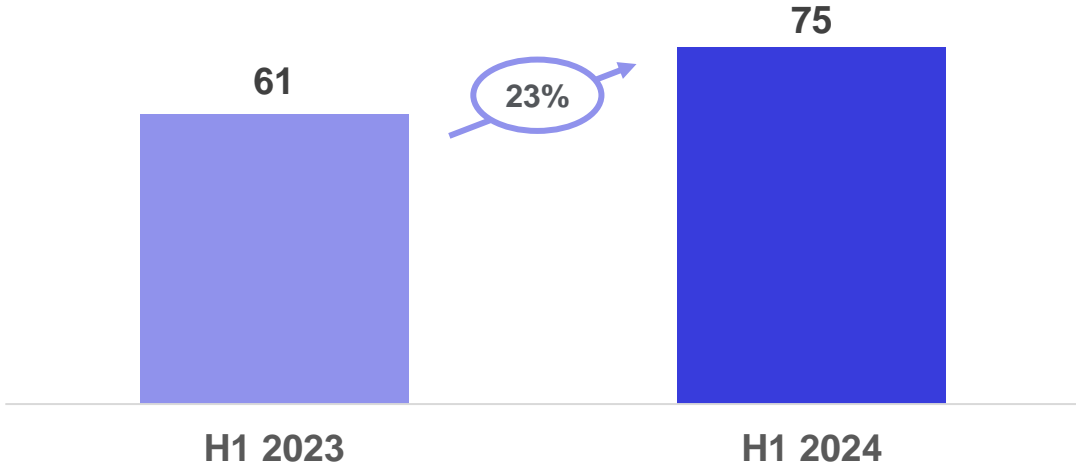


Key Price Indicators of ÇATES

Average Sales Price Including PFK Income

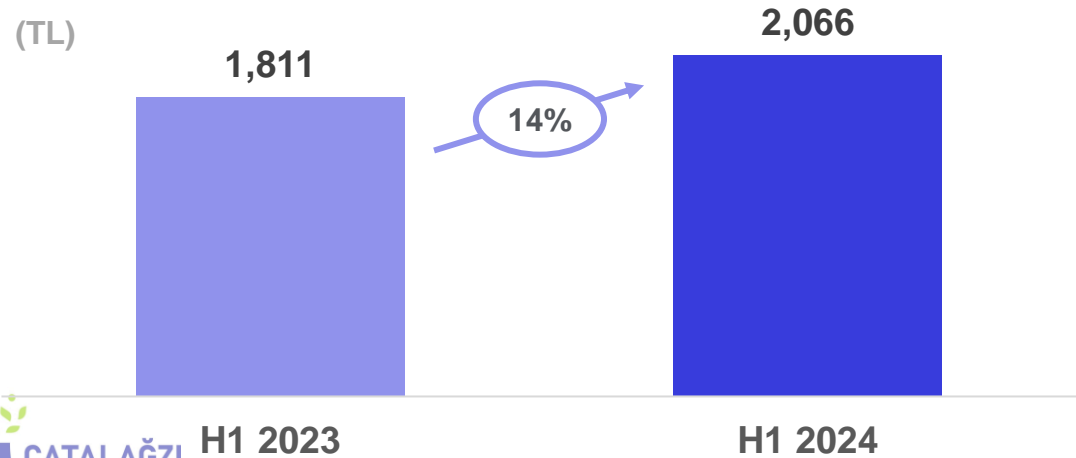


PFK Revenue Effect per MWh

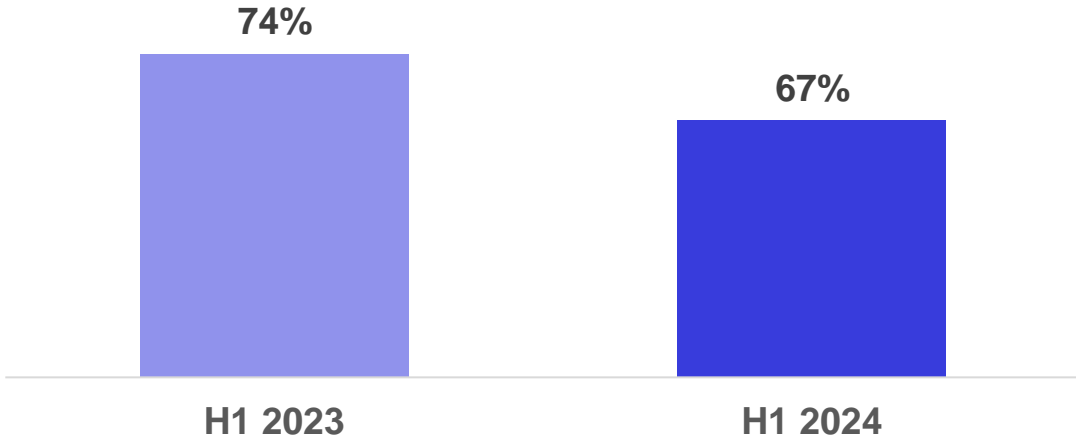


Average Sales Price Excluding PFK Income

(TL)



Availability Rate



H1 2023

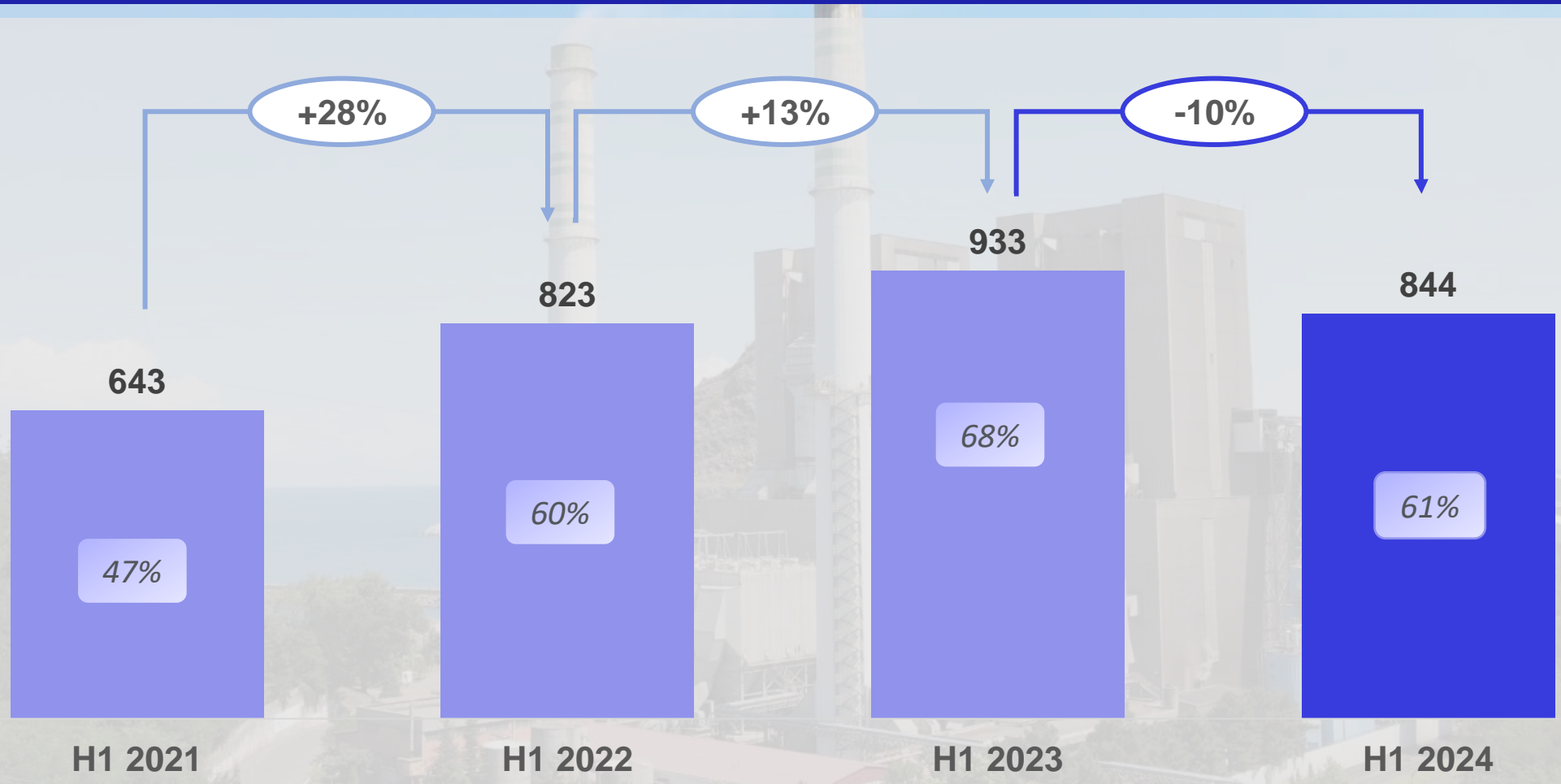
H1 2024

**Featured in
H1 2024**



Power Plant Electricity Generation

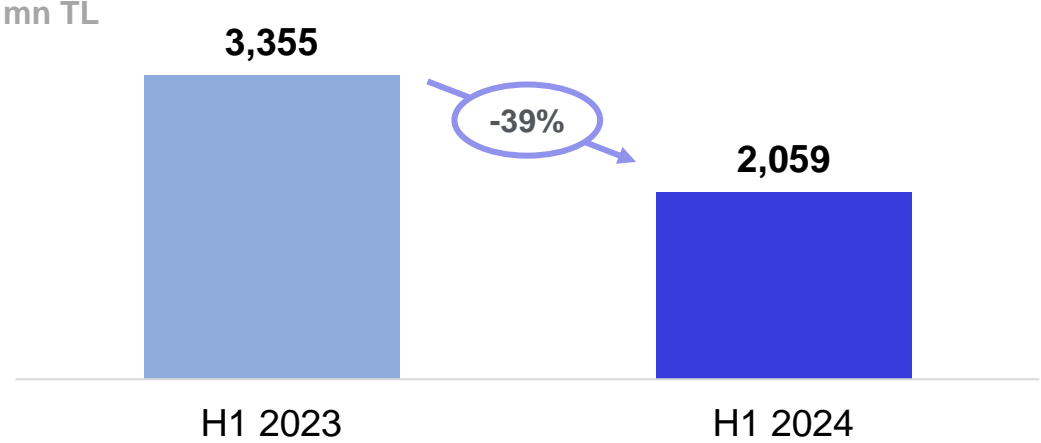
Gross Generation (GWh)



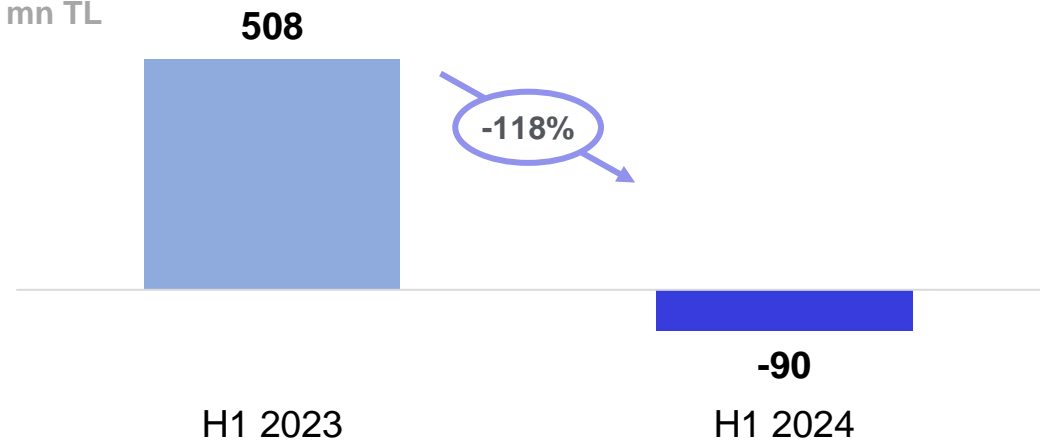
Capacity Factor

Summary Financials

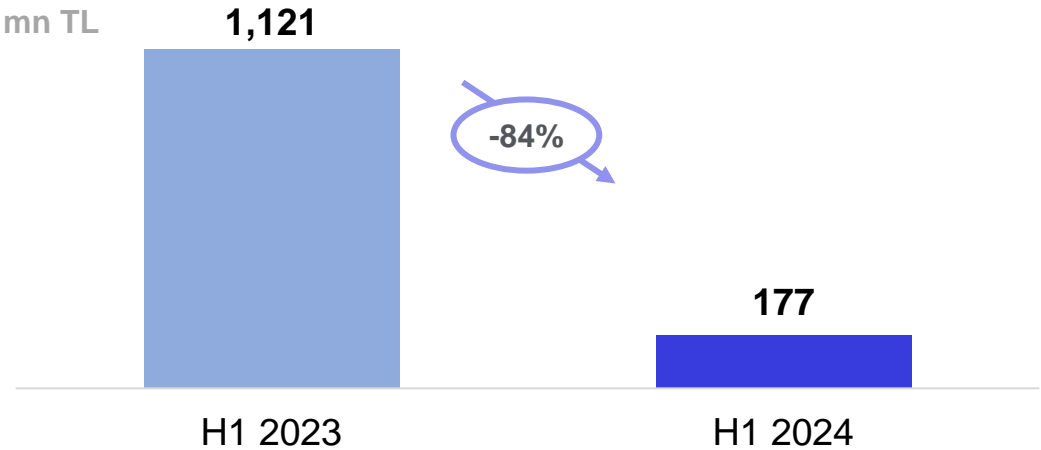
Revenues



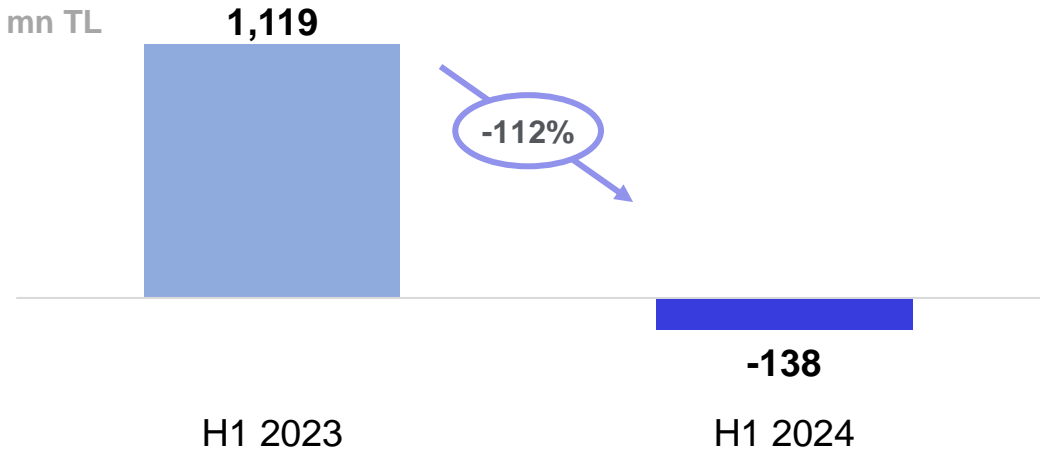
Gross Profit



EBITDA



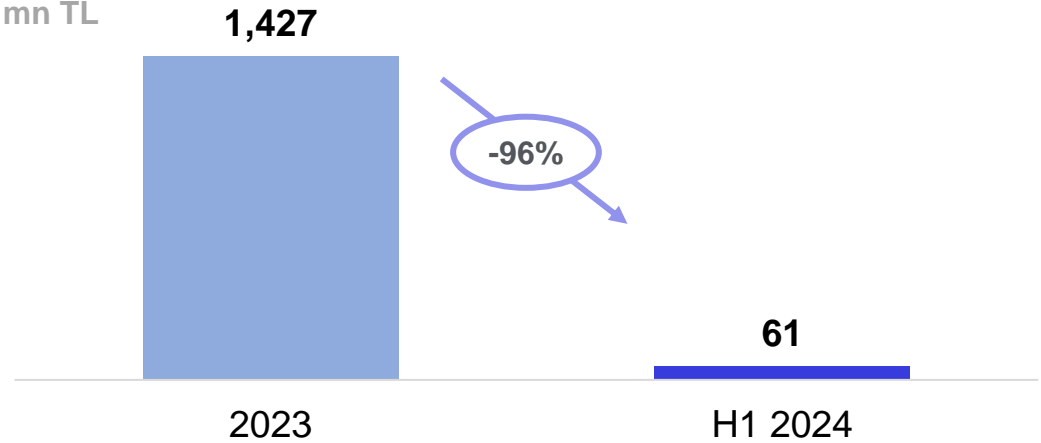
Net Profit



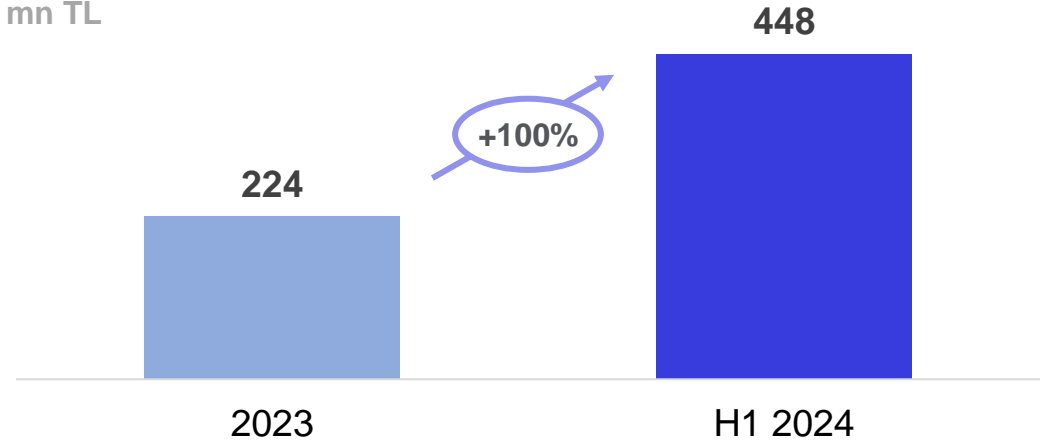
Note: In accordance with TAS 29, inflation accounting is applied on the presented figures as at the end of 2024 and 2023.

Summary Financials

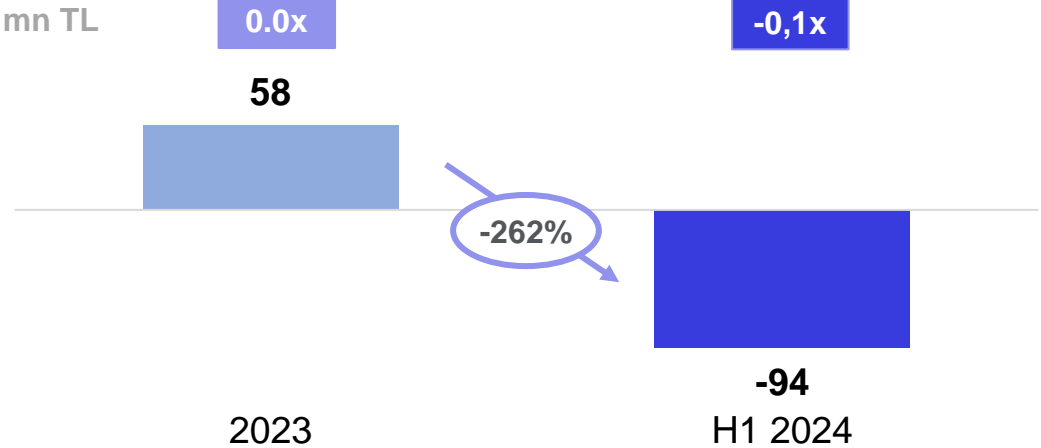
Cash and Cash Equivalents



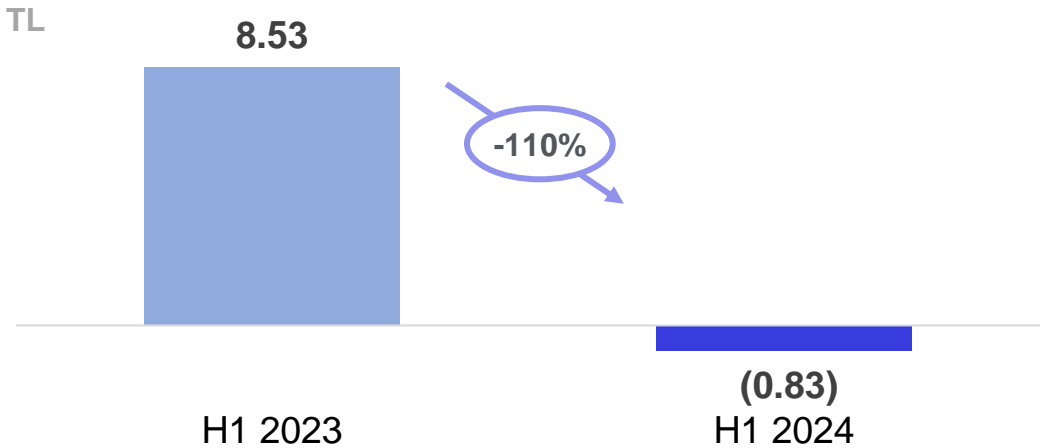
Net Working Capital



Net Financial Debt



Earnings per Share



Net Fin. Debt/EBITDA

As of 24 June 2024, all long and short term bank loans of our Company to banks have been paid. 15
 Note: In accordance with TAS 29, inflation accounting is applied on the presented figures as at the end of 2024 and 2023.

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.

Contact

Investor Relations

Eif Hamlacıođlu Gedik

Investor Relations Group Director

Mehmet Yusuf GÜngör

Investor Relations Manager

Hüseyin Konur

Investor Relations Executive & Corporate Governance
Committee Member

Tel : +90 372 264 30 50

investorrelations@cates.com.tr

<https://www.cates.com.tr/en/investor-relations>

Headquarters

Şahinler Mahallesi Şahinler (Küme Evler) Yatađan Termik
Santrali Sitesi No: 259/1 Yatađan/Muđla

<https://www.cates.com.tr/en>



Disclosure Note

- ✓ Nevertheless, Çates Elektrik Üretim A.Ş. makes no claims or guarantees about the accuracy or completeness of the information contained in this Report. The information contained in this presentation can be changed without notice.
- ✓ Information contained in this presentation does not constitute an invitation to buy/sell Çates Elektrik Üretim A.Ş. shares and is not investment advice. This presentation and the information contained in this presentation cannot be reproduced, disclosed, or distributed without permission. Çates Elektrik Üretim A.Ş. assumes no responsibility or liability regarding any statement, express or implied, or incomplete information contained in this presentation, or other written and oral communications shared or made available. Çates Elektrik Üretim A.Ş. or its executives, managers, employees, or third parties may not, in any way, be held liable for any damage which may arise from the use of the information contained herein.



CATES
Investor Presentation
H1 2024

