



CLEAN  
ENERGY OF  
TOMORROW

# CEZ Group: Clean Energy of Tomorrow

Investor presentation, 29 November 2024



# AGENDA

- **CEZ Group at a Glance**
- CEZ guidance 2024
- Our Vision
- Appendix

# We are an international utility, among the largest in Europe by market cap

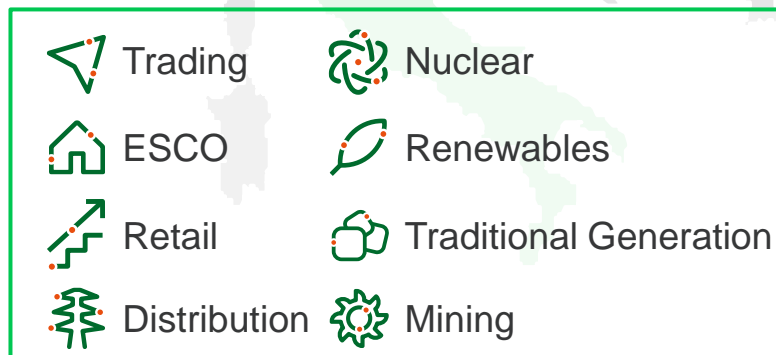
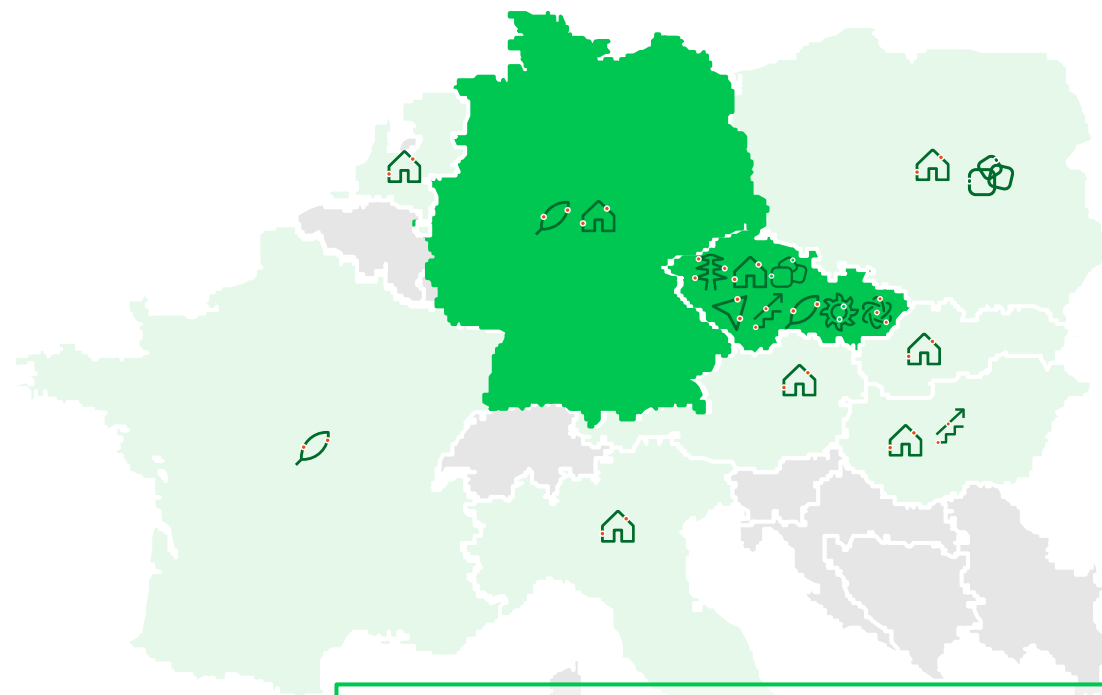
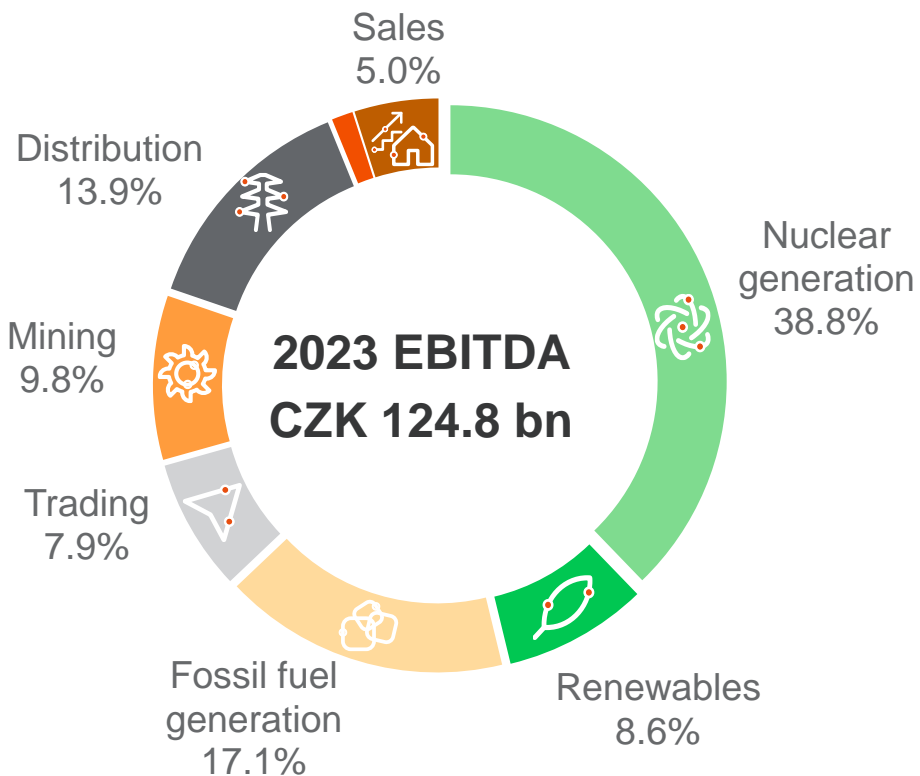


## CEZ Group

13<sup>th</sup> largest in number of customers

10<sup>th</sup> largest in installed capacity

10<sup>th</sup> largest by market capitalization\*



# We lead energy transformation of the Central Europe through bringing the clean energy of tomorrow



## Generation

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Transforming electricity and heat generation to low-emission, growing renewables

## Distribution

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Continuous modernization and digitalization of our distribution networks

## Retail

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Leading electricity supplier of energy helping to decarbonize the Czech industrial base

## ESCO

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Expanding energy services and clean decentralized generation and heating in Czechia, Germany, Poland, Slovakia and Northern Italy

# CEZ Group is vertically integrated in Czechia



## Market position

Market leader in all parts of the value chain

## Market share

**54%**

**65%**

**65%**

**38%**

## Volume

15.6 mil. tons

CO<sub>2</sub> free  
33.4 TWh

Other  
16.2TWh

33.8 TWh

21.6 TWh

## EBITDA in Czechia (2023)

12.3  
CZK billion

57.9\*  
CZK billion

20.5\*  
CZK billion

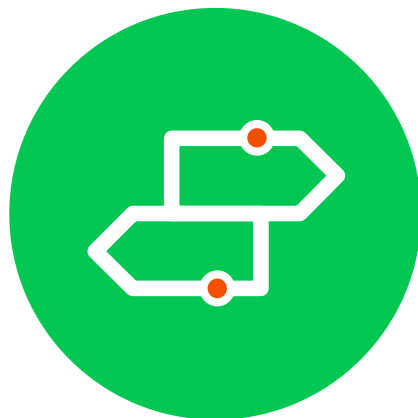
17.4  
CZK billion

4.5  
CZK billion

# We are delivering value to our shareholders



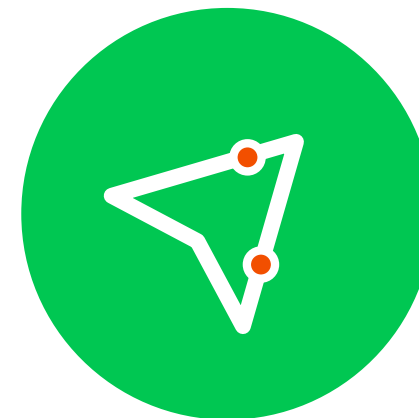
## Delivery on guidance



## High dividend payout



## Strong balance sheet



**2023**

EBITDA CZK 124.8 billion  
Adj. Net Income CZK 34.8 billion

6% dividend yield\*\*  
Dividend CZK 52 per share

1.2x  
Net debt/EBITDA

**Ambitions**

EBITDA growth by 35% by 2030\*

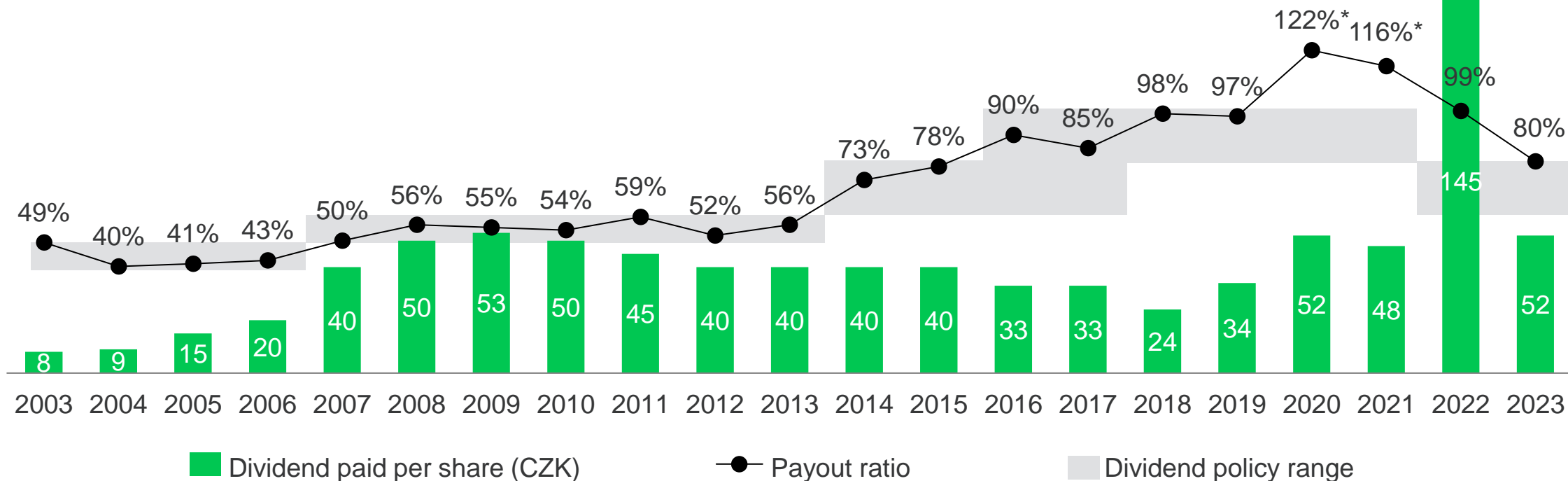
60-80% payout ratio

below 3.5x  
Net debt/EBITDA

# CEZ Group regularly pays high dividends



## Payout ratio (%), Dividend per share (CZK)



### 2023 dividend

- CZK 52 per share, 80 % payout ratio

### Dividend policy

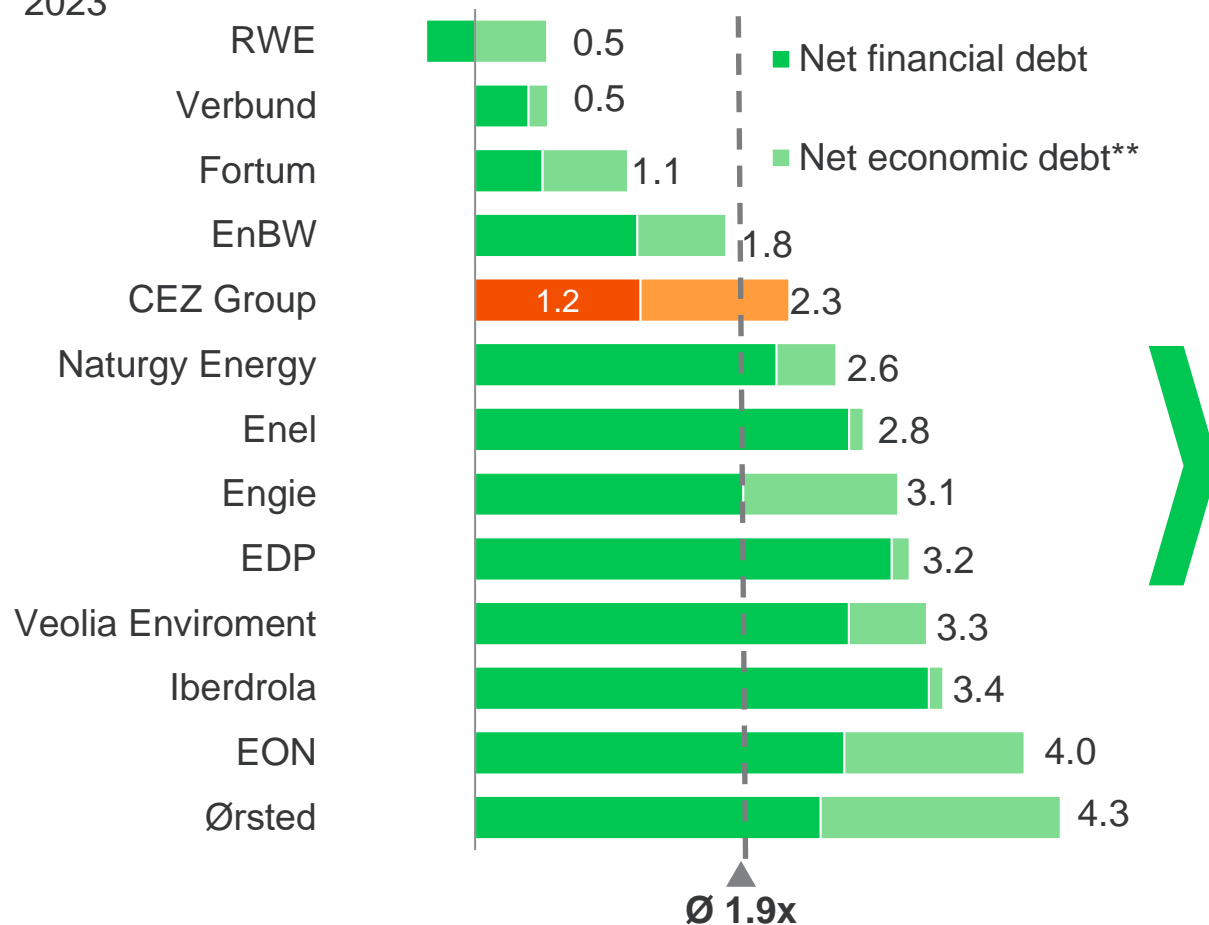
- 60-80% payout ratio from adjusted net income

# Our strong financial position supports future growth



## Net economic debt/EBITDA\*

2023



**Current credit rating a notch above European utilities**

- A-, stable outlook from S&P
- Baa1, negative outlook from Moody's

**Net debt to EBITDA target: below 3.5x**



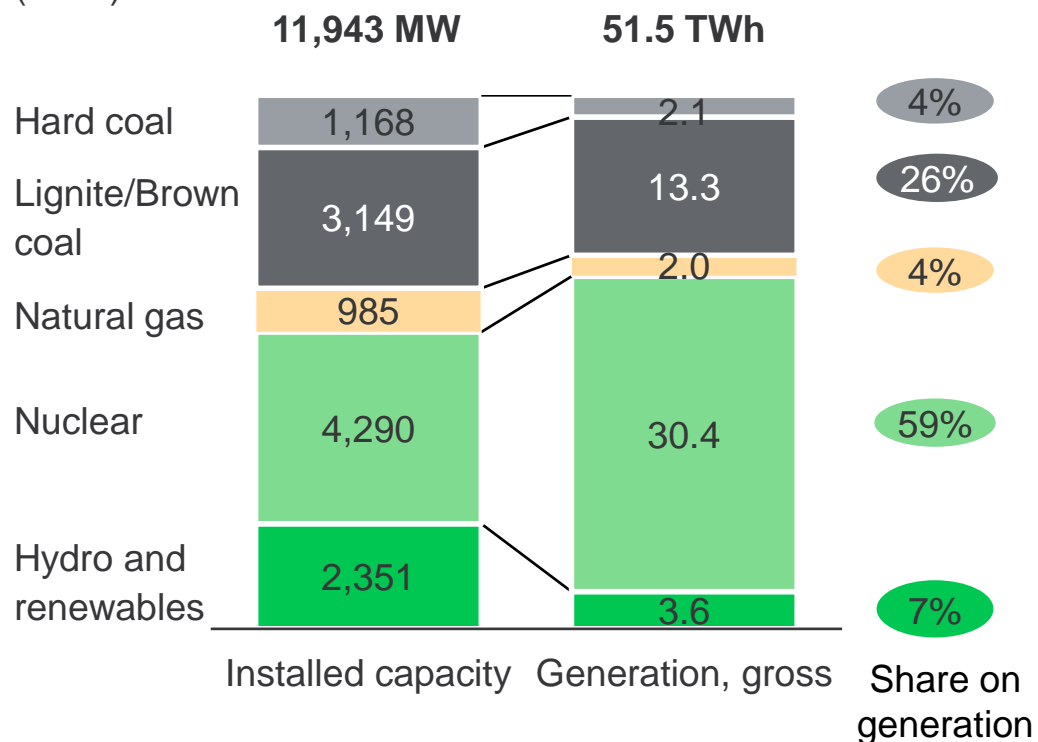
# We have a robust generation portfolio with low and largely fixed costs



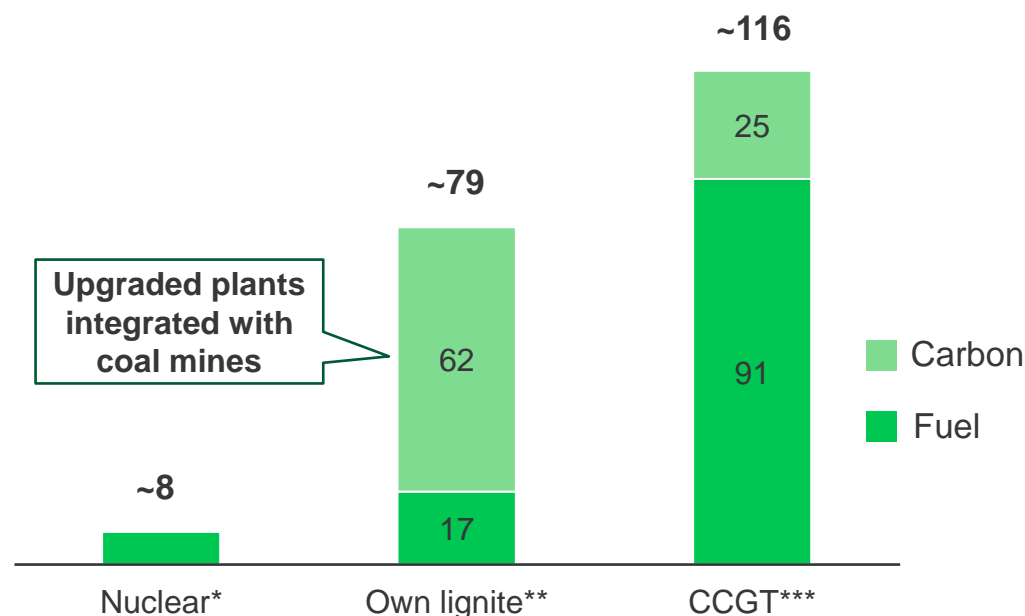
## We have diversified generation portfolio

## Our fuel costs are low, not dependent on commodity prices

Generation capacity and volumes (2023)



Marginal fuel costs by technology at current forwards (EUR/MWh, prices of gas and carbon as of November 25, 2024)



\* Nuclear fuel costs + CZK 55/MWh payment for fuel storage

\*\* Cash cost of extracting own lignite in 2024, 42% efficiency, 11.5 GJ/t calorific value, carbon allowances at 72 EUR/t

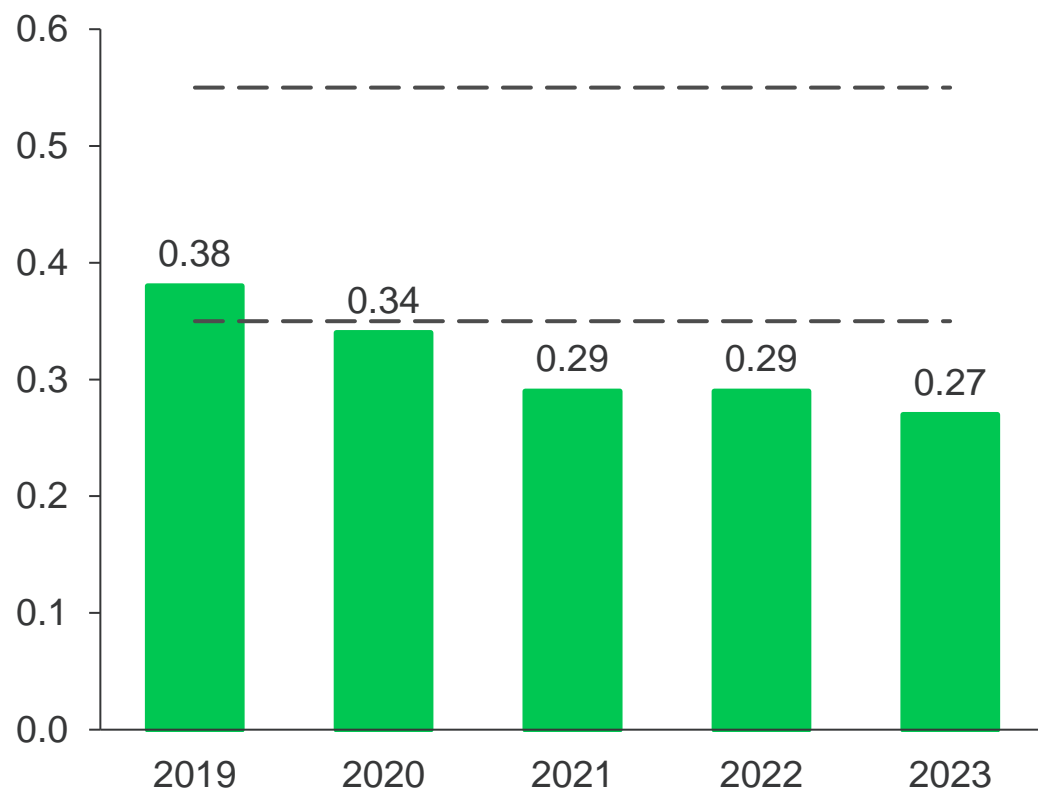
\*\*\* Natural gas at 47 EUR/MWh, 57% efficiency, 0.35 t/MWh CO<sub>2</sub>

# CEZ Group's emission intensity declined by 29% since 2019



## CEZ Group's emission intensity

(tCO<sub>2</sub>e/MWh of generated electricity and heat)



Marginal power plant in Germany

New CCGT plant

CEZ Group

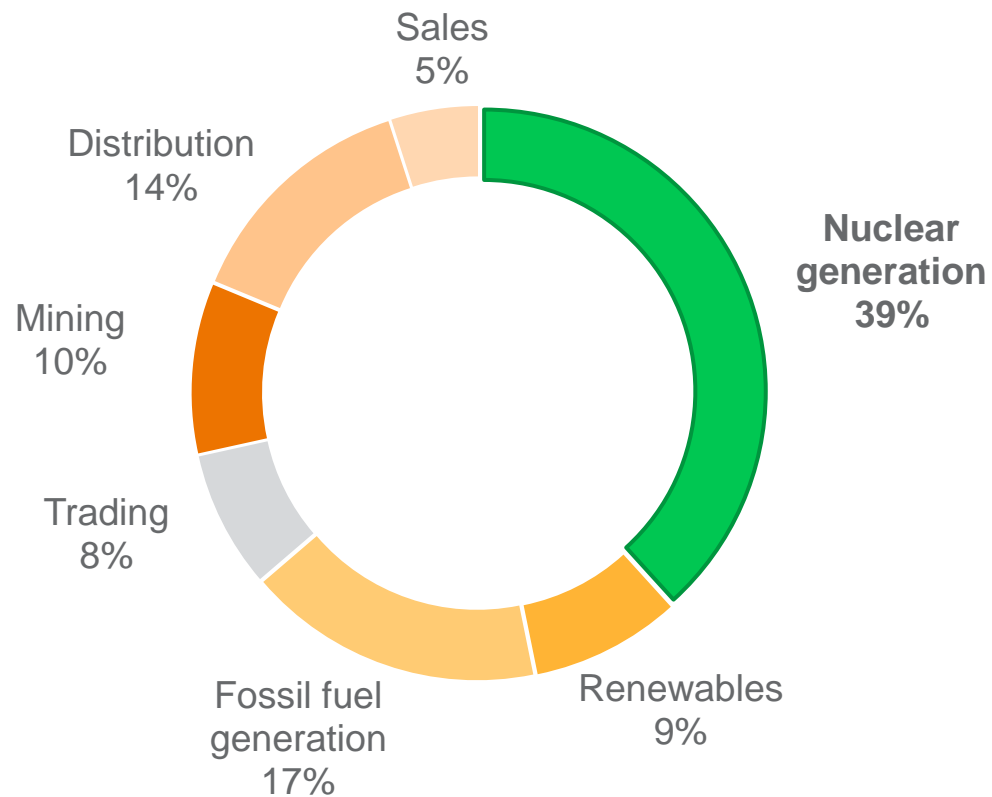
**CEZ Group's carbon intensity is below marginal plant and even below new CCGT and therefore higher carbon prices are beneficial for profitability of our generation fleet.**

	Generation volume (2023, TWh)	CO <sub>2</sub> emission intensity (2023, t/MWh)
CO <sub>2</sub> free	34.0	0.00
Natural gas	2.0	0.35
Coal and lignite	15.4	0.85
<b>Total</b>	<b>51.5</b>	<b>0.27</b>

# Nuclear plants are important profit generators with stable production volumes



## 2023 CEZ Group EBITDA



## Our nuclear fleet has low and fixed costs and benefits directly from increasing power prices

- Operating licenses secured enabling 60 years operating life, i.e., remaining 30+ years of operations until decommissioning
- We have stabilized production volumes at above 30 TWh per year
- Capacity increased by 568 MW to 4 290 MW by technical improvements (fuel with higher enrichment, modernization of turbines and generators)

# Agreement on disposal of Polish coal assets to the Czech company ResInvest Group was signed on November 11



- On July 26, 2024, CEZ Group received four binding bids for Polish coal assets\*; the bid submitted by the Czech investment company **ResInvest Group** was evaluated as the best and CEZ Group **concluded an agreement** on the sale of Polish coal assets with the company **on November 11, 2024**.
- Due to the contractual arrangements with the buyer, the selling price cannot be published. The ResInvest Group's offer was the most attractive of all bids, confirmed by several independent appraisals of the sold assets. The selling price exceeds the costs of disposal for the relevant CEZ Group assets.
- The transaction is subject to approval by the Polish antitrust office (UOKiK). **The settlement is expected in Q1 2025**.

<b>GENERATION Poland (CZK bn)</b>	<b>2022</b>	<b>2023</b>	<b>%</b>
Revenues	6.5	9.3	+42%
EBITDA	-0.1	0.9	-
Generation volume (GWh)	2,152	1,561	-27%
o/w: coal	1,845	1,288	-30%
biomass, hydro	307	272	-11%
Installed capacity (MW)	570	570	0%

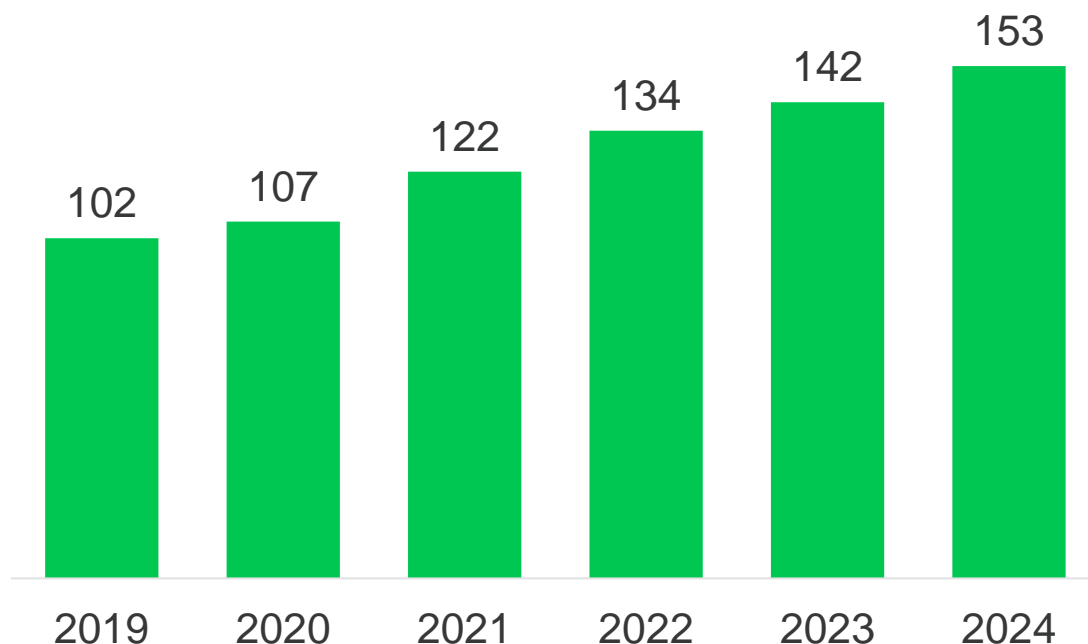
CEZ Group wants to continue developing its companies focused on the provision of modern energy services (ESCO) in Poland. These include CEZ ENERGO Polska and Elevion Group companies, which offer comprehensive solutions for decarbonization and energy efficiency. In Poland, Elevion Group is currently composed of 5 subsidiaries (Euroklimat, Metrolog, OEM Energy, TRiM-tech, and IBP).

# We are growing our regulated asset base in distribution, regulatory visibility until 2025



## Regulatory asset base

CZK billion



## Regulatory parameters for 2021-2025 supportive for RAB growth

- RAB will grow by 9% CAGR in 2020-2025 thanks to revaluation and investments
- WACC at 6.54%
- Investments directed to digital transformation, preparation for decentralized generation
- Accelerated growth in renewables expected, our network is ready to process connection requests

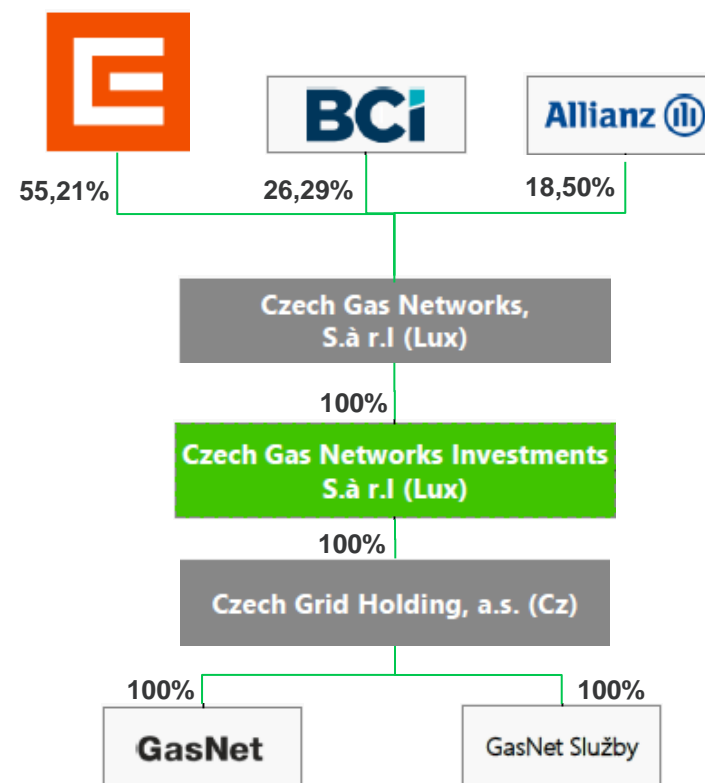
# We expanded our presence in regulated business by acquisition of the largest gas distributor in the Czech Republic



## Basic parameters of the transaction

- On August 28, 2024 ČEZ acquired a 55.21% stake in Luxembourg based company Czech Gas Networks, S.à r.l., which is the indirect 100% owner of:
  - GasNet, s.r.o., the operator of the largest gas distribution network in the Czech Republic
  - Service company GasNet Služby, s.r.o.
- Purchase price of equity stake being acquired is EUR 846.5 million.
- CEZ broadens its business into gas distribution, with its deep knowledge of the regulatory framework, which is almost identical with the electricity distribution regulation
- GasNet acquisition will bring more stability into CEZ's cash flow – share of the regulated EBITDA expected to grow from 14% in 2022 to around more than 1/3 in the following years

## Ownership structure of the GasNet group

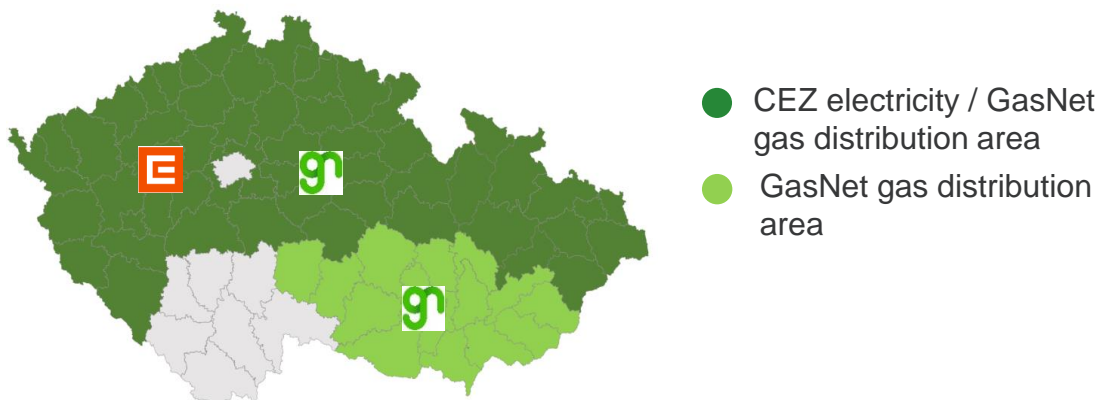


# GasNet infrastructure will play important role in securing independent, self-sufficient and affordable energy system



## Basic information about GasNet Group

- Approximately 80% market share in Czechia
- Operator of 65,000 km gas distribution network
- Distributor of 60 TWh of natural gas per year
- 72% of network length ready for hydrogen transport
- 2.3 mil of connection points
- EBITDA c. CZK 10 bn
- Net income c. CZK 4 bn\*
- Financial Net debt c. CZK 56 bn
- Regulated asset base (RAB) c. CZK 67 bn



## Future of gas in EU

- REPowerEU strategy sets targets for the use of clean gases: 20 million tons of hydrogen and 35 bcm of biomethane in 2030\*

## Future of gas in the Czech Republic

### Medium term: natural gas as transition fuel

- Extensive network of district heating run on coal CHPs are to be replaced by natural gas CHPs by 30s

### Long term: transition to biomethane and hydrogen

- Decarbonisation of heavy industry and heavy duty transport will require a transition to low-emission gases – especially hydrogen.
- Hydrogen and biomethane will play a significant role in the energy sector to decarbonize the heating sector and provide flexibility to the energy grid.

GasNet group = GasNet, GasNet Služby, Czech Grid Holding, Czech Gas Networks and Czech Gas Networks Investments

\* Individual result of GasNet Group. Contribution to consolidated net income of CEZ Group also includes an additional expense of approx. CZK 2 bn resulting from adjustment of assets' value, whereas the book value of GasNet's individual assets remains based on historical cost.

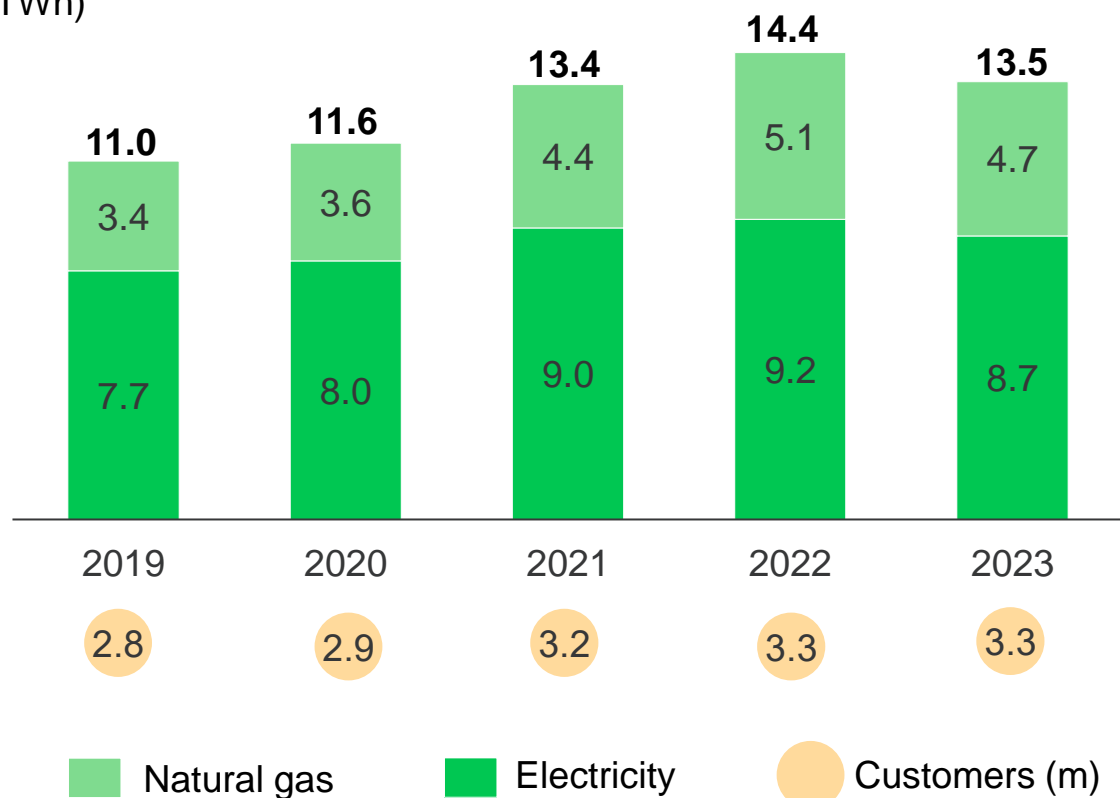
\* Source: [https://ec.europa.eu/commission/presscorner/detail/en/IP\\_22\\_3131](https://ec.europa.eu/commission/presscorner/detail/en/IP_22_3131)

# Our retail business provides the most cost-effective energy solutions and the best customer experience in the market



## Electricity and natural gas supplied to retail customers

(TWh)



## Retail defended the title of the “Most trusted energy supplier in CZ”

- Customer satisfaction indicator (CX) of more than 85% is continually improving
- “Most trusted energy supplier” in Czechia \*
- Lower supply of commodities in 2023 was influenced by
  - Warmer weather. Year 2023 was the warmest on record.
  - Customer savings due to high prices

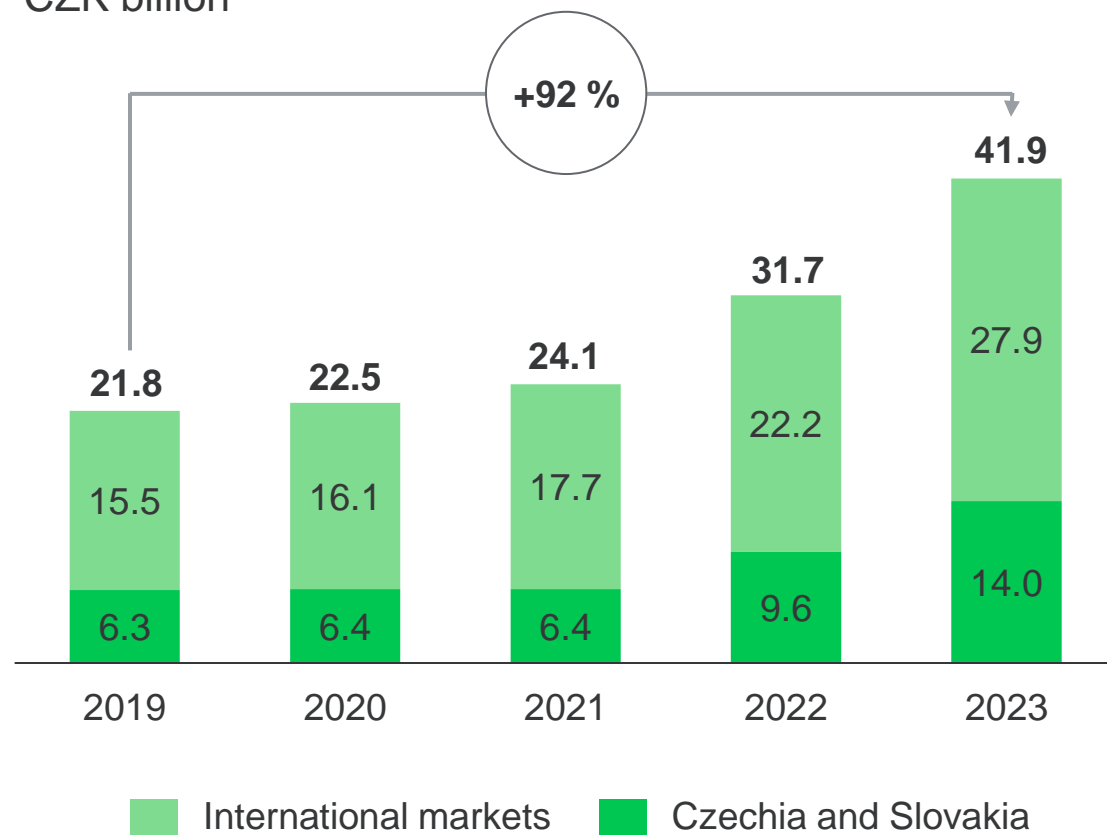


# Strongly growing in energy services business and helping customers to decarbonize



## Energy Services (ESCO) revenue

CZK billion



**We are No. 1 player in Czechia**

**We are within Top 3 players in Germany**

**We are helping our customers to decarbonize by:**

- Installation of efficient cogeneration units on their sites
- Providing energy advisory and management
- Energy storage installations
- Rooftop photovoltaic plants
- Lighting, cooling, heating installations



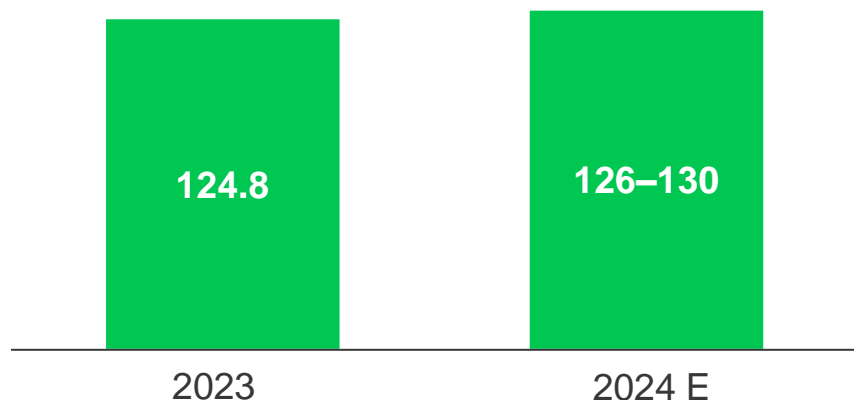
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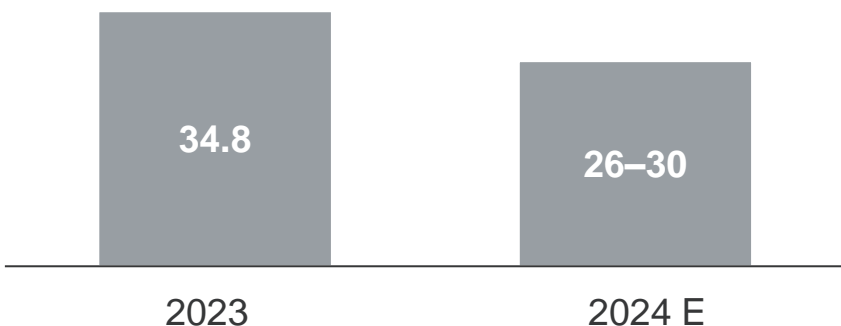
# Financial Outlook for 2024: EBITDA CZK 126–130 bn, adjusted net income CZK 26–30 bn



## EBITDA (CZK bn)



## Adjusted Net Income (CZK bn)



## Selected Generation Assumptions

- Total electricity supply from generation in Czechia approx. 43 TWh
- Average realized price of electricity generated in Czechia €131 to 135 per MWh
- Total depreciation and amortization of approx. CZK 40 bn, of which approx. CZK 2 bn GasNet and approx. CZK 2 bn due to accelerated depreciation and amortization of coal assets as of October 1, 2024
- Windfall tax of CZK 29–33 bn

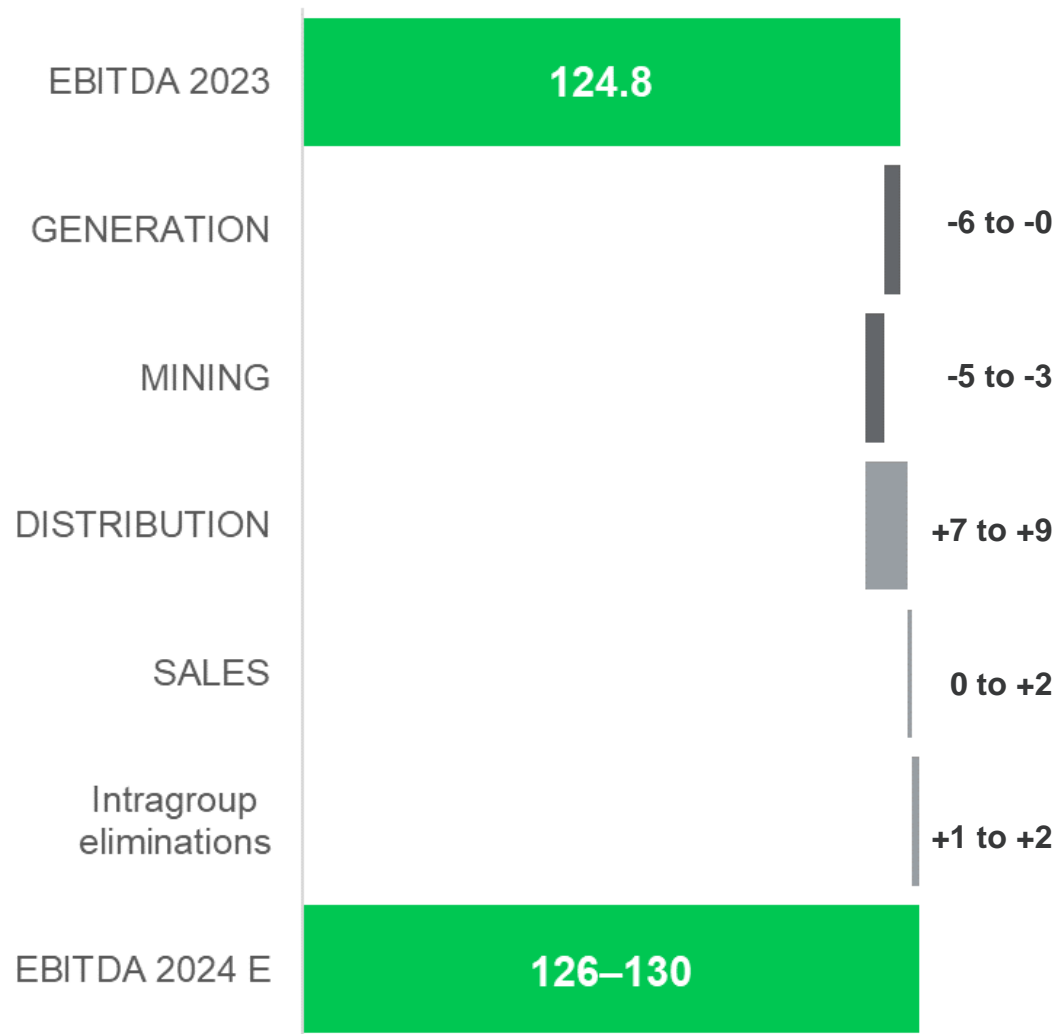
## Selected Prediction Risks and Opportunities

- Availability of generating facilities
- Realized prices of generated electricity
- Profit from commodity trading and revaluation of derivatives
- Amount of the windfall tax and deferred taxes

# Expected year-over-year change in EBITDA by segment



CZK billions



## GENERATION

- Lower expected income from commodity trading (by CZK 1 to 5 bn) due to the achievement of the 2nd highest income in history amounting to CZK 9.4 bn in 2023
- Lower sales for ancillary services and higher purchase prices of emission allowances
- Higher fixed operating expenses
- + Higher realized prices of electricity incl. effect of exchange rate hedging
- + Levy on revenues above price caps from generation in 2023

## MINING

- Lower revenues from coal sales mainly due to lower realized prices (partially compensated by lower expenses for energy consumed for mining)
- Higher fixed expenses

## DISTRIBUTION

- + Contribution of GasNet Group CZK +4 bn (consolidation in CEZ Group as of September 1, 2024)
- + Higher allowed revenues and a negative effect of correction factors in 2023
- + One-time settlement of costs for losses in the distribution grid of ČEZ Distribuce in 2023 (negative impact on the SALES Segment)
- Higher fixed expenses

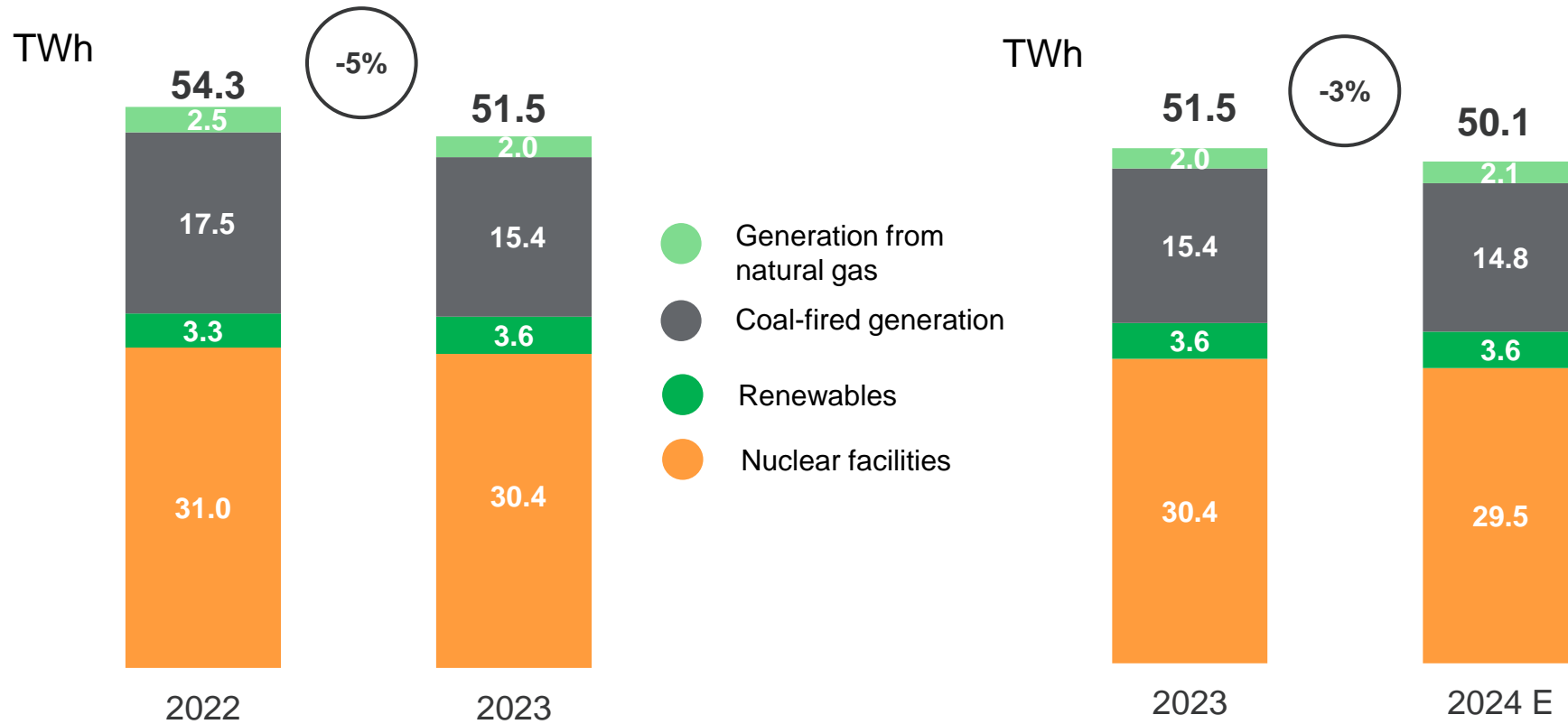
## SALES

- + Organic and acquisition-based growth in energy services
- Increased revenues from the purchase of electricity from RES in Czechia in 2023
- One-time settlement of costs for losses in the distribution grid of ČEZ Distribuce in 2023 (positive impact on the DISTRIBUTION Segment)

## Intragroup eliminations

- Mainly the effect of elimination of impact of the EUR/CZK risk hedging of ČEZ ESCO (SALES segment) through ČEZ, a. s. (GENERATION segment), where the hedging effect is reported under other expenses and revenues (excl. EBITDA)

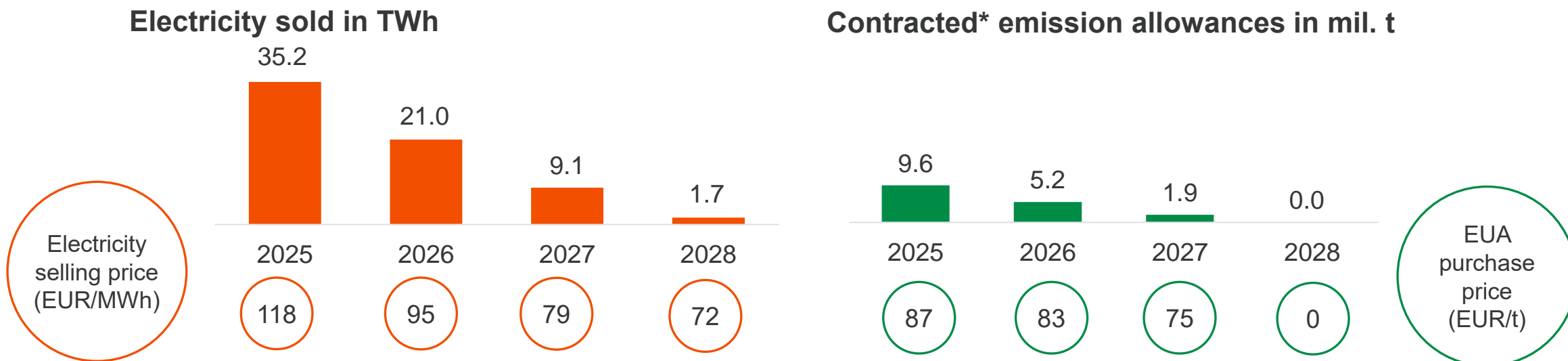
# Expected electricity generation volumes



# Hedging of the market risks of electricity generation in Czechia for 2025–2028



Concluded business contracts as at September 30, 2024



## Share of hedged expected generation\*\* in Czechia

Year	Share of hedged expected generation** (%)	Annual expected supplies from electricity generation (100%) amount to
2025	~80%	36 to 45 TWh.
2026	~49%	
2027	~22%	
2028	~5%	

\* Includes emission allowances allocated for free under the derogation for generation of heat.

\*\* This is the hedging of the generation margin in ČEZ and Energotrans.



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# CEZ Group's strategy "VISION 2030 - Clean Energy of Tomorrow" has two pillars



The main goals of VISION 2030 – Clean Energy of Tomorrow also fulfill the goals in the field of climate protection and increasing the independence of Czechia

- We will **develop the CEZ Group** responsibly and sustainably **in accordance with ESG.**
- **We will reduce emission intensity by more than 50% by 2030 and increase EBITDA by 35% by 2030\***
- We have met the ambition to **be among the best 20% in the ESG rating** by 2023
- We can realize our growth strategy until 2030 while **maintaining a Net Debt / EBITDA ratio below 3.5x**
- We will adapt the **structure of CEZ Group** to meet the demands of our investors, financing banks and employees



**Strategy has two strategic pillars:**

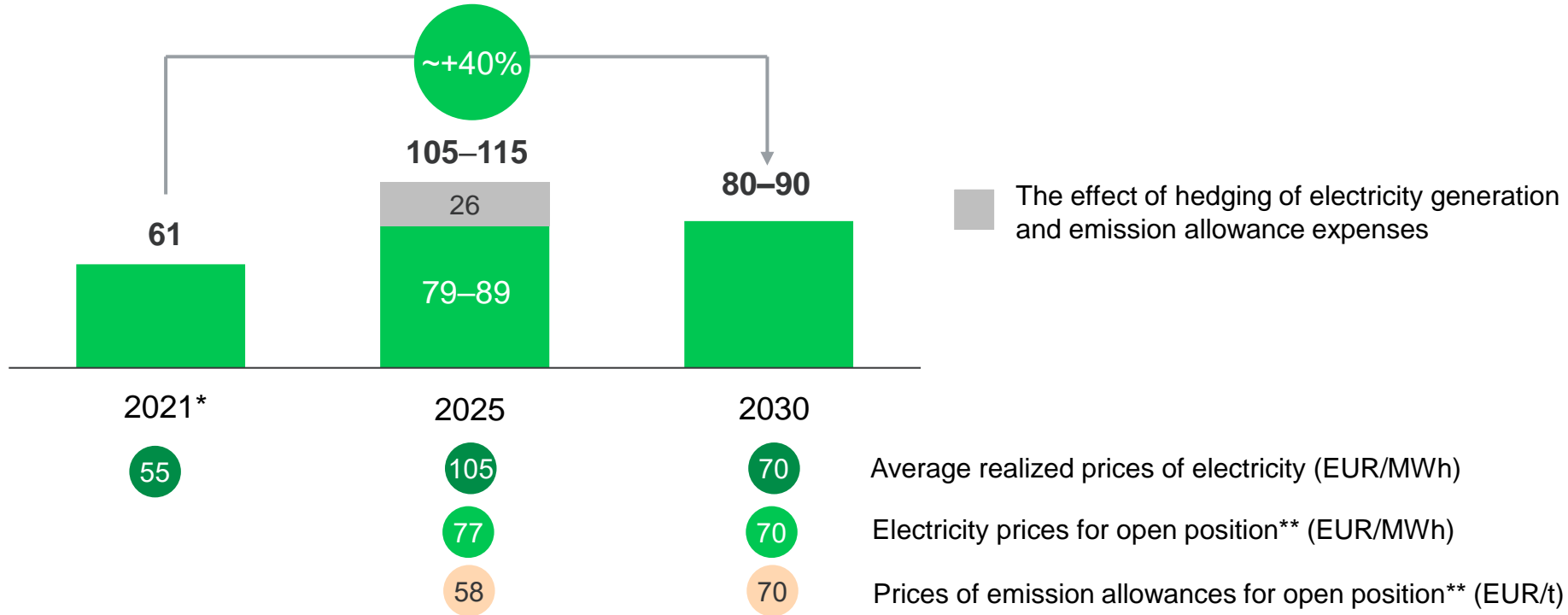
- I Decarbonize generation portfolio and reach climate neutrality**
- II Provide best energy solutions and highest quality customer experience on the market**



The financial target of VISION 2030 to increase EBITDA by 35% compared to 2021 will be achieved despite inflationary pressures



### Current EBITDA target of CEZ Group (CZK billions)



\* Excluding assets sold (RO, BG)

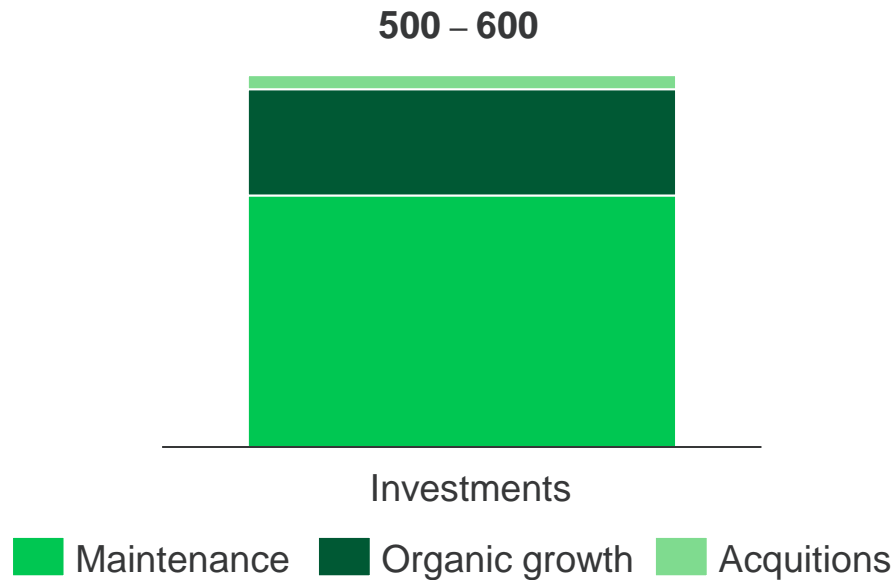
\*\* Electricity prices for delivery in 2025 and emission allowance prices for delivery in 2025 and 2030 correspond to forward market prices from Feb 29, 2024; the electricity price for delivery in 2030 is derived by inflation extrapolation from forward market prices for delivery in 2027 from Feb 29, 2024

# We can execute our growth strategy, pay dividends and maintain reasonable leverage

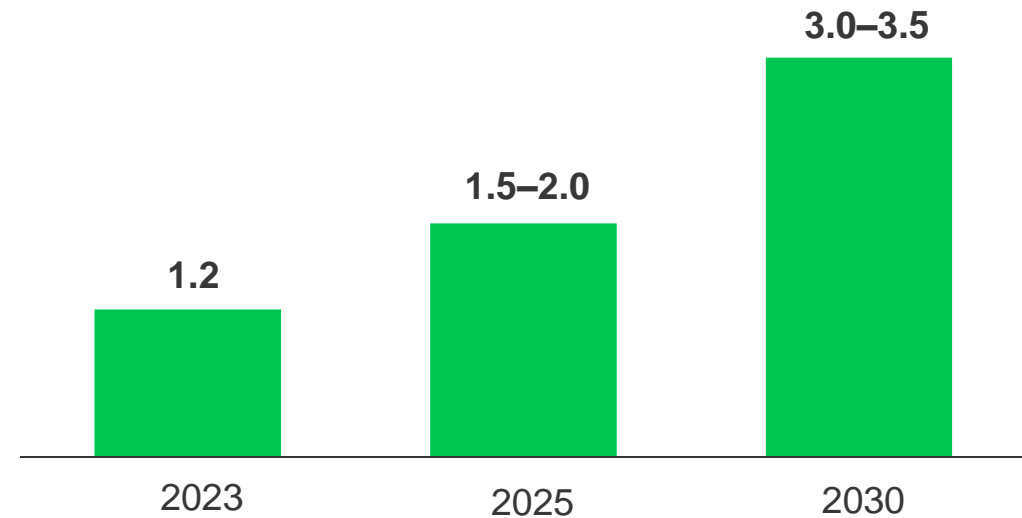


## Cumulative investments 2023-2030\*

CZK billion



## Net debt to EBITDA ratio



\* Excluding new nuclear CAPEX in 2025-2030 due to assumed 100% state financing, excluding SMR development, lithium project, battery production and CCGTs for electricity generation. (Organic growth = new renewables and gas capacities, expansion of distribution network, Acquisitions = mainly ESCOs abroad)

# Decarbonize generation portfolio and reach climate neutrality



## Targets

### Nuclear

- We will **safely increase generation volume in existing plants above 32 TWh** on average in 2030 and achieve 60-year operating life.
- We will build a new nuclear power plant in Dukovany.
- We will prepare construction of **small modular reactors (SMR) with total capacity over 3,000 MW** after 2050.

### Renewables

- We will build **6 GW of renewables by 2030**.
- **We will increase installed capacity of electricity accumulation** to at least **300 MWe** by 2030.

### Traditional

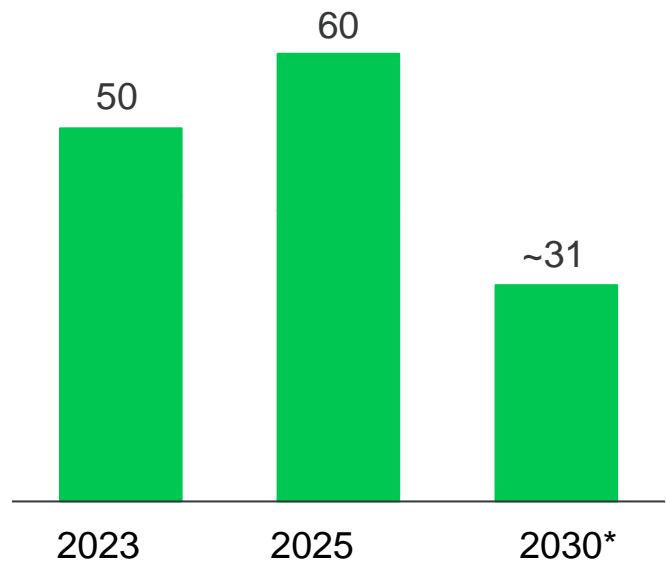
- **We will decarbonize heating**, and we will terminate coal burning in heating locations by 2030 and we will transform our coal locations to new activities.
- We will build **new gas capacities**, which will be **ready for hydrogen combustion**.
- **We will reduce share of electricity generation from coal to 25% in 2025 and to 12.5% by 2030**.

# We will increase average nuclear production to ~32 TWh after 2030



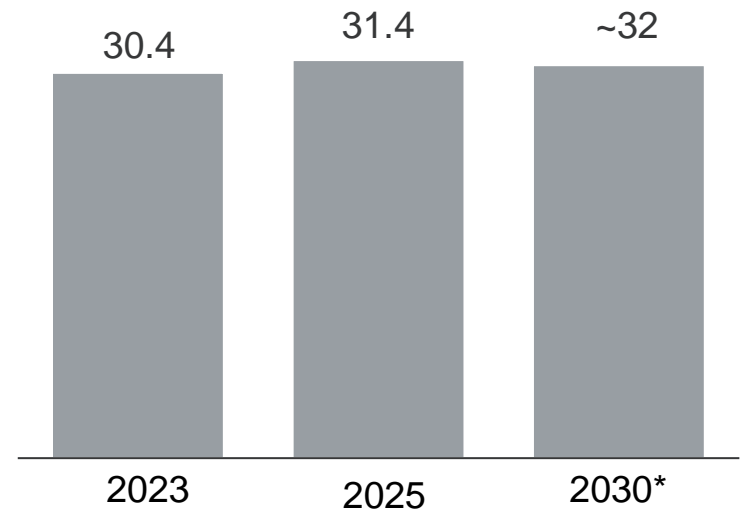
## Nuclear EBITDA

CZK billion



## Nuclear generation

TWh



We will increase production above 32 TWh

- By prolonging fuel replacement cycle
- Optimizing maintenance
- Increasing capacity by up to 50 MW
- Longer fuel cycle will result in larger swings in annual volumes, but higher volumes overall.

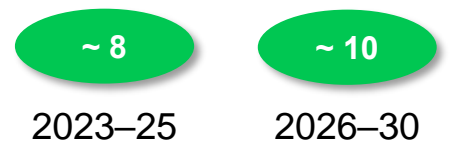
We implement investments with the aim of ensuring safe operation with a service life of at least 60 years

We plan to start construction of new nuclear unit in Dukovany subject to agreeing support scheme with government

We will prepare for potential construction of small modular reactors (SMR) with total capacity of 3,000 MW after 2050, we aim to commission first SMR before completion of new unit in Dukovany.

### Annual CAPEX\*\*

CZK billion, avg



### Wholesale electricity prices

EUR/MWh



\* Production volume and EBITDA in 2030 will depend on the chosen optimal timing of the fuel change in 2030-2031. From 2031 onwards, an average annual production of over 32 TWh is assumed.

\*\* Does not include the purchase of nuclear fuel in the annual amount of CZK ~ 8 bn. Furthermore, it does not include CAPEX for new nuclear units in the years 2025-2030 due to the assumed 100% financing by the state.

# Korean company KHNP selected as tender winner for new nuclear units in Dukovany, negotiations on financing model are under way



## The government decided that negotiations on the construction of new nuclear facilities in Dukovany will be initiated by CEZ Group with the South Korea's company KHNP.

- On July 17, the Czech government decided that the South Korea's company Korea Hydro & Nuclear Power Company (KHNP) is the preferred bidder.
- The companies Elektrárna Dukovany II and ČEZ started negotiations on the construction of two units in Dukovany and the possibility of contracting binding options for the construction of additional nuclear facilities in Temelín.
- Framework agreements with the state envisage the conclusion of the contract for the construction of the new facilities in Dukovany in Q1 2025

## CEZ Group continues negotiations with the state on the terms of financing the new units

- Working group lead by Ministry of Finance is working on the financing model for the second new unit with conclusion expected by the end of 2024

## The European Union has approved state aid for one new nuclear unit in Dukovany

- Decision of the EC SA.58207 concerns the new nuclear unit in Dukovany with a capacity of 850 to 1,200 MWe
- The support for Elektrárna Dukovany II contains three measures:
  - **Contract on the purchase of power** from the new nuclear power plant for 40 years
  - **Repayable financial assistance** for financing the construction of the new nuclear unit by the Czech state for 30 years
    - 0% during the period of construction
    - During period of operation: costs of State debt financing plus 1% but not less than 2% p.a.
  - **Contractual instrument to protect the investor** against changes in the legislative and regulatory environment in Czechia



# Construction of new nuclear unit should start in 2029, commissioning expected in 2036

Stage	End date	Permitting and licensing	Contract with technology supplier
<b>1. Preparation, supplier selection</b>	2024	EIA Site decision License for the siting	Tender process and contract signature
<b>2. Preliminary works</b>	2029	License for construction Building permit	"LWA - Limited Work Authorization" phase
<b>3. Construction, commissioning</b>	2036	License for commencement of trial operation	Construction
<b>4. Warranty period</b>	2038	Operation license	Warranty period operation

**Expected timeline of "Preparation, supplier selection" stage**

- Q4 2024 – governmental working group should propose financing for second new unit
- Q1 2025 – Finalization and signing of the contract with the supplier
- Q1 2025 – PPA, RFA, IA finalization and signing with the Czech State

- A** Framework contract
- B** First implementation contract
- C** Power Purchase Agreement (PPA)  
Repayable Financial Assistance (RFA)  
Investor Agreement (IA)

# CEZ becomes a strategic shareholder of Rolls-Royce SMR, which develops small modular nuclear reactors



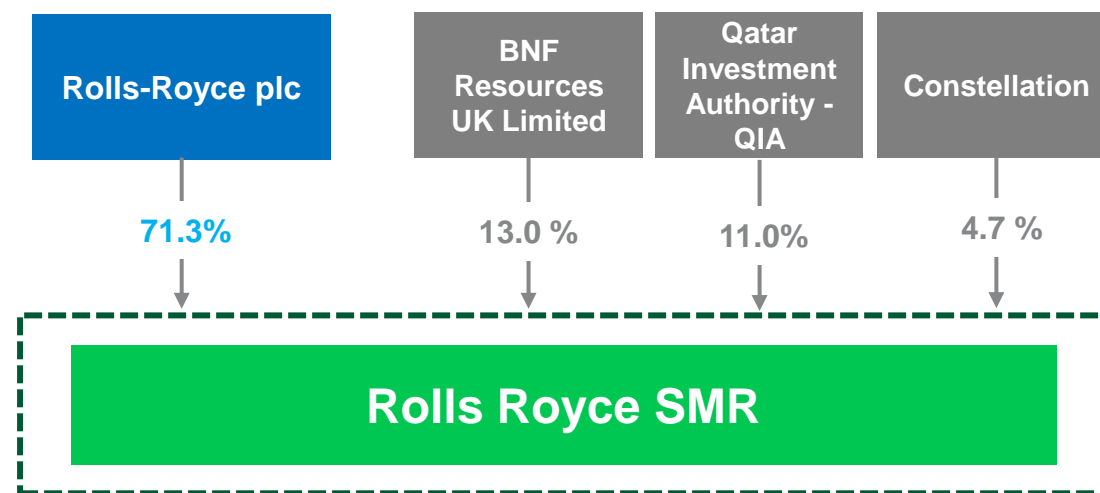
## Basic information on Rolls-Royce SMR (RR SMR):

- the company was founded in November 2020
- at present, **it develops a small modular pressurized water reactor with a capacity of 470 MW (net)**
- the company plans to build and launch the first SMR in the United Kingdom in the early 2030s – the company is currently **involved in a bidding procedure** for the supplier of SMR technology for **Great British Nuclear (GBN)**. RR SMR is now among 4 shortlisted companies
- the company is at an advanced stage of negotiations for deliveries to other European countries (e.g. Sweden, Finland, the Netherlands, Poland)

## With its investment into Rolls-Royce SMR, ČEZ is targeting a strategic partnership to ensure:

- timely delivery of SMR units for ČEZ
- Involvement of ČEZ's supply chain (subsidiaries) or local chain
- additional economic benefits (share of profit) from SMR deliveries worldwide

## Ownership structure so far:



## ČEZ's position in Rolls-Royce SMR:

- With its investment in the company, **ČEZ will acquire a stake of about 20%**
- it will become a strategic investor with major rights in the company
- it will obtain additional governance rights beyond the rights arising from the capital investment as such (ČEZ as a strategic investor)

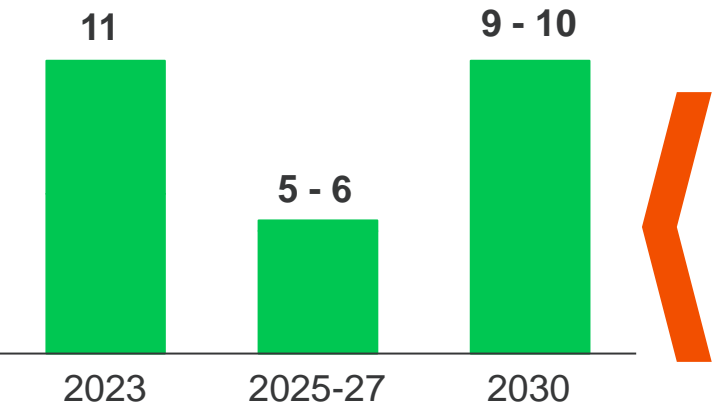
The capital investment of ČEZ will follow review and approval by antitrust and other authorities (expected in 2025).

# We will add at least 6 GW of renewables capacity by 2030



## Renewables EBITDA

CZK billion



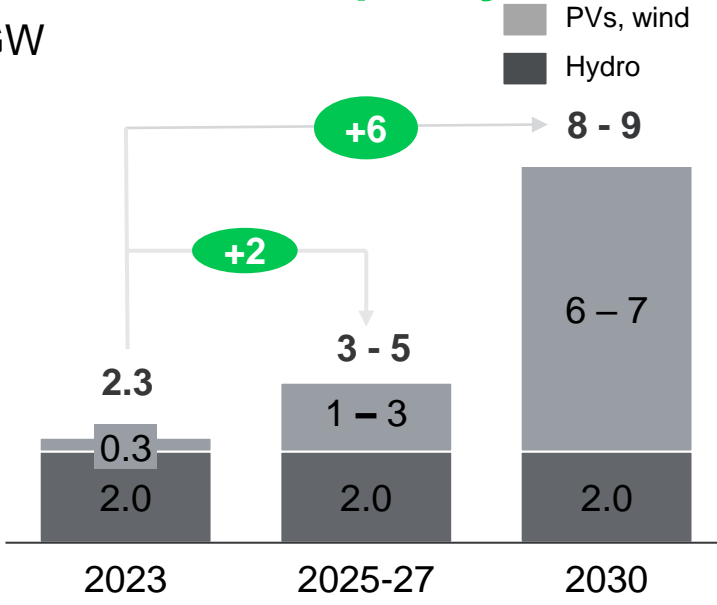
### Annual CAPEX

CZK billion, avg



## Renewables capacity

GW



### Wholesale electricity prices

EUR/MWh



We expect to focus our RES development on photovoltaic primarily in Czechia.

RES development in Czechia is incentivized by CAPEX grants from Modernisation Fund.

The speed and scope of the construction of new renewables is highly dependent on the conditions of support, grid connections, the speed of construction and zoning decisions and on the market conditions for operation of the prepared RES sources.

Project portfolio also includes several locations abroad, mainly in Germany and France, which were acquired or gained by own development.

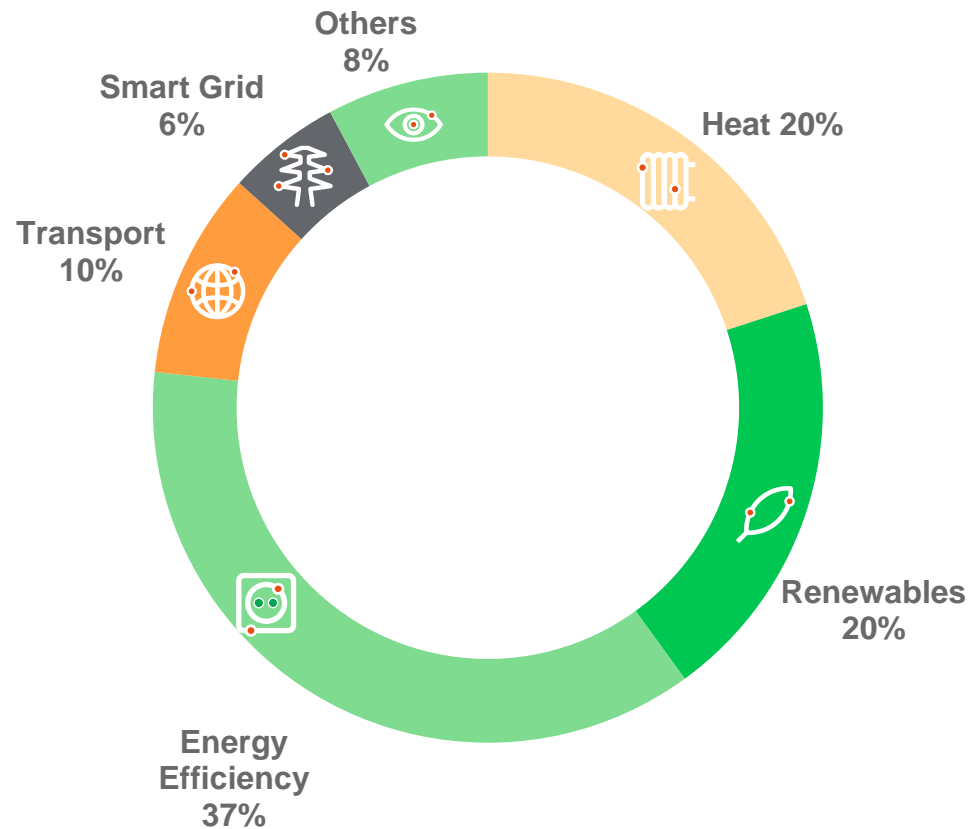
We will increase storage capacities to above 300 MWe



# Development of photovoltaics in Czechia depends on support from Modernisation fund



## Indicative allocation from Modernisation fund to different grant categories



## Support of renewables from Modernisation Fund

- In 2021–2030 **CZK ~100 billion\*** is available for grants to support projects of new renewables
- Actual **amount of subsidy to be determined in auctions**, grants might fund up to 30% of eligible expenditure
- Generated **electricity will be sold at market prices**

## Investment support for CEZ projects

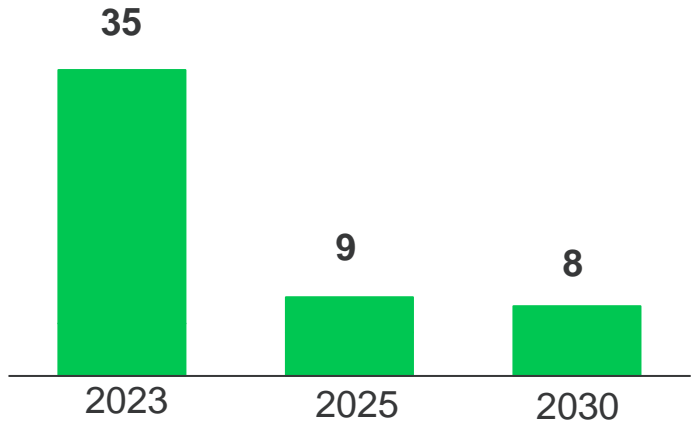
- In 2022 subsidy of CZK 1.0 bn awarded for 17 projects with 173 MWp capacity.
- In 2023 subsidy of CZK 3.1 bn awarded to 24 projects with 728 MWp capacity.
- Projects submitted to the last auction by Oct 30, 2024



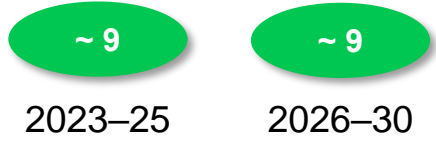
# We are closing coal plants, production of heat to be transformed to low carbon technologies

## Fossil-fuel generation and mining EBITDA

CZK billion

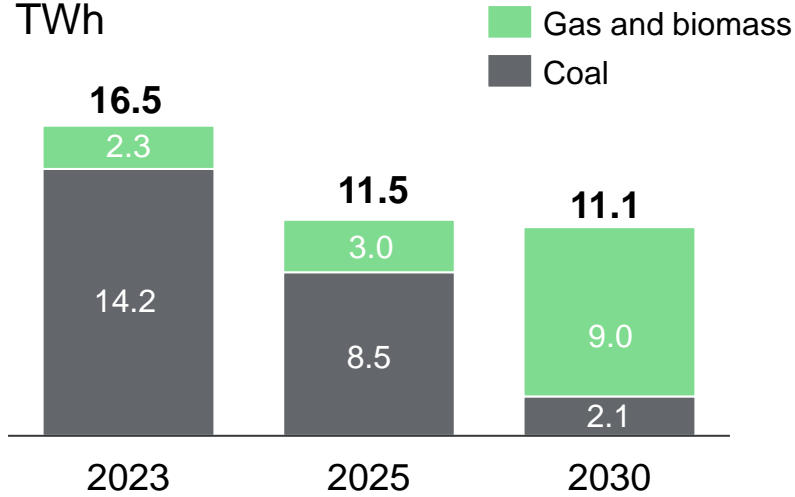


**Annual CAPEX\***  
CZK billion, avg



## Coal, gas and biomass generation

TWh



**Coal and gas**  
GW



The preparation and construction of gas heating plants and the design of the complex decarbonization of the production portfolio are in progress.

We adapt the operation of coal-fired power plants to the situation and developments on the commodity market.

Newly built gas-fired power plants and heating plants will be hydrogen ready

2030 EBITDA is generated solely by gas and biomass plants when using the market assumptions as of Feb 29, 2024.

# CEZ Group plans to increase generation in renewables, nuclear and natural gas as transition from coal in heating



## Nuclear

- We will **safely increase generation volume in existing plants above 32 TWh** on average in 2030 and achieve 60-year operating life.
- We will build a new nuclear power plant in Dukovany.
- We will prepare for potential construction of small modular reactors (SMR) with total capacity of **3,000 MW after 2050**, we aim to commission **first SMR before new nuclear unit in Dukovany**.



## Renewables

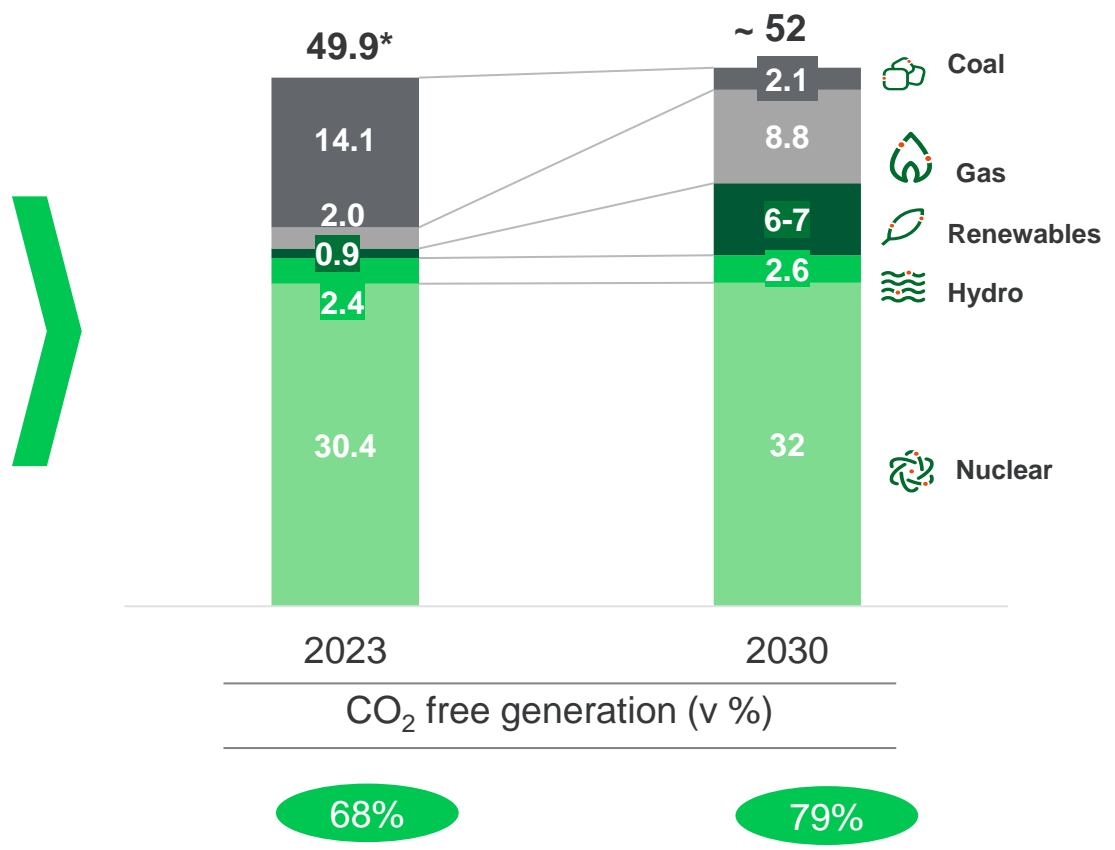
- We will build **over 6 GW renewables by 2030**.
- We will increase installed capacity of electricity accumulation to at least **300 MWe** by 2030.



## Traditional

- We will **decarbonize heating and will transform our coal locations** to new activities.
- We will **build new gas capacities**, which will be **ready for hydrogen combustion**.

## Electricity generation of CEZ Group (in TWh)

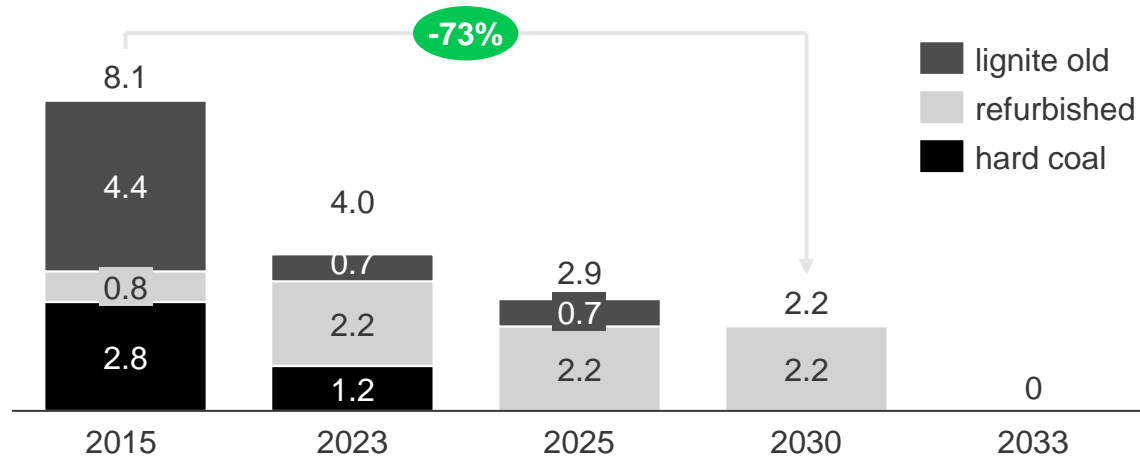


# We will reduce share of coal generation to 12.5% in 2030, and fully exit coal by 2033



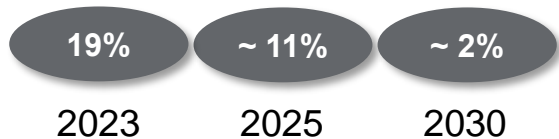
## Expected development of installed capacity in coal

GW



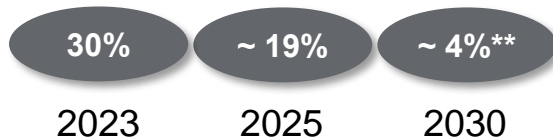
### Share of coal related revenue \*

(%)



### Share of coal on generation

(%)



## Coal fired power plants are being gradually closed

- No new coal capacity investments commitment
- Coal capacity was reduced by 1,719 MW in 2020, further 500 MW has been closed in 2021.
- We will **terminate coal burning in heating locations by 2030**.
- **We are committed to fully exit coal by 2033** in line with draft National Energy and Climate Plan approved by the Czech Government in October 2023
- Current market conditions indicate end of operations of all coal plants already by 2030.

## Coal extracted is mainly used in own power plants and declining

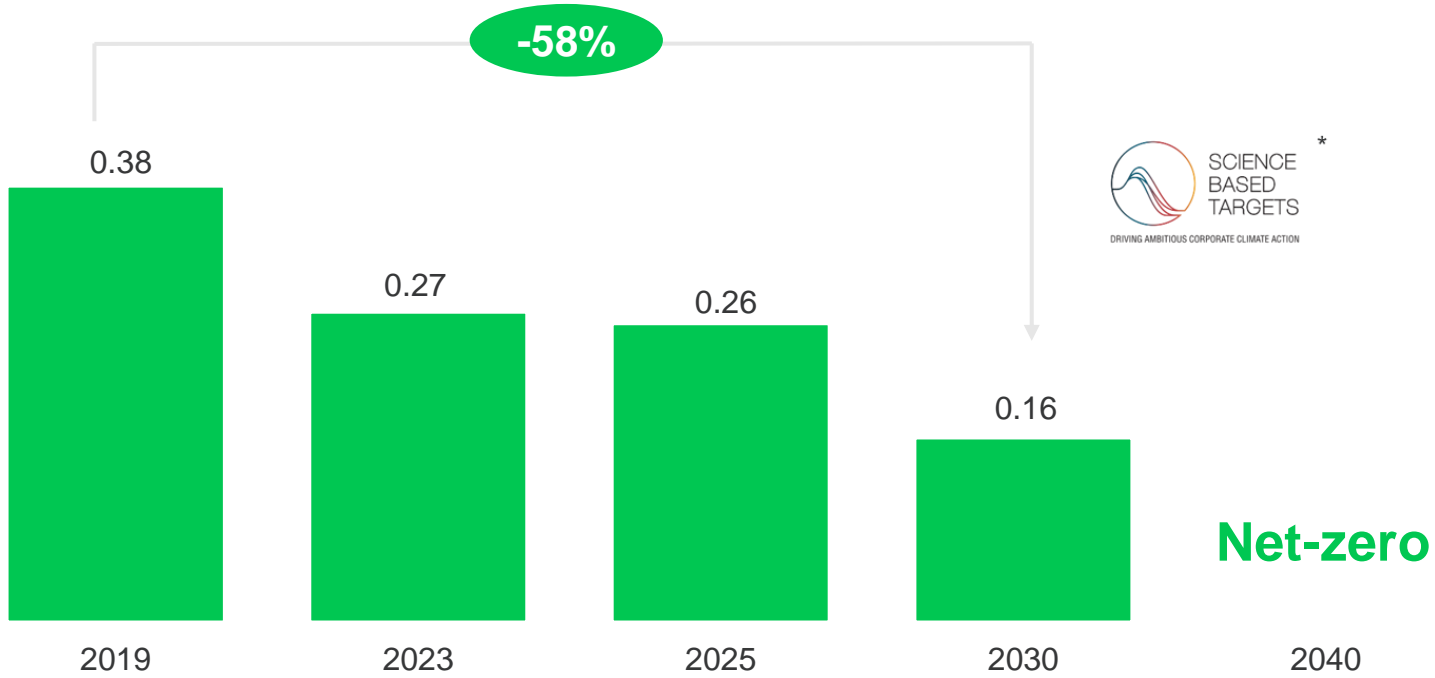
- Extraction of coal amounts to 17 mil tones per year, out of which 25% is sold externally
- Volume of extracted coal is expected to decline significantly until 2030 reflecting the reduction of external demand.
- **Termination of coal mining linked to closure of coal plants i.e. by 2033**. This is much earlier than depletion of coal reserves.

# We will achieve climate neutrality by 2040 (Scopes 1, 2, 3)



## Reduction of CEZ Group's CO<sub>2</sub> emission intensity

t CO<sub>2</sub>e/MWh, Scope 1&2



The VISION 2030 target of achieving climate neutrality by 2040 has been validated by the SBTi as consistent with the long-term net-zero target.

**Climate neutrality by 2040 in line with 1.5 °C scenario of Paris agreement, 2030 target in line with well-below 2 °C scenario**

We will **not use carbon offsets** to achieve our 2030 decarbonisation goals.

**CAPEX plan** fully aligned with this decarbonization pathway

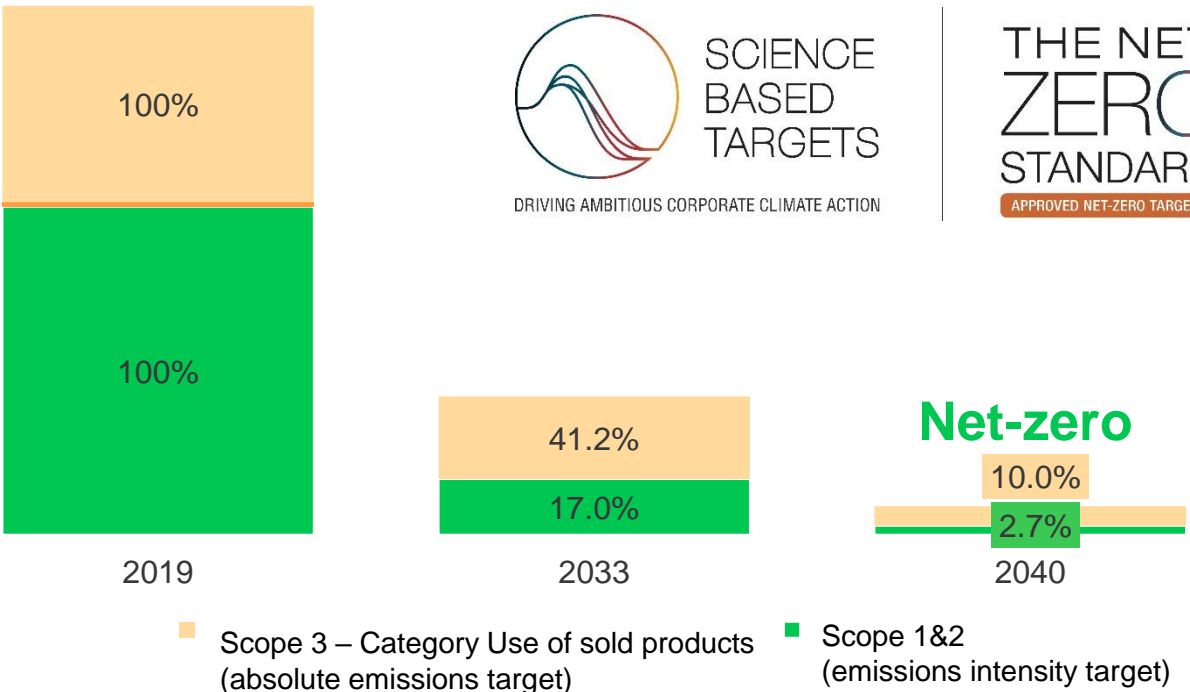
\* CEZ Group commits to reduce scope 1 and 2 GHG emissions 50% per MWh by 2030 from a 2019 base year (in line with a well-below 2°C trajectory) and to achieve climate neutrality by 2040 (in line with a well-below 1.5°C trajectory)

# CEZ's near and long-term science-based emission reduction targets were approved by the SBTi



## GHG emissions reduction targets across all scopes

t CO<sub>2</sub>e/MWh



- **Overall Net-Zero Target** CEZ Group commits to reach net-zero GHG emissions across the value chain by 2040 from a 2019 base year (in line with 1.5 °C scenario of Paris agreement).
- **Near-Term Targets** CEZ Group commits to reduce scope 1 and 2 GHG emissions 83% per MWh by 2033 from a 2019 base year\*. CEZ Group also commits to reduce absolute scope 3 GHG emissions from use of sold products 58.8% within the same timeframe.
- **Long-Term Targets** CEZ Group commits to reduce scope 1 and 2 GHG emissions 97.3% per MWh by 2040 from a 2019 base year\*. CEZ Group also commits to reduce absolute scope 3 GHG emissions from use of sold products 90% within the same timeframe.
- We will achieve **climate neutrality** by using offsets for residual emissions in 2040.

\* The target boundary includes land-related emissions and removals from bioenergy feedstocks.

# Provide best energy solutions and highest quality customer experience on the market



## Targets

### Distribution

- We invest in **Smart grids** and **decentralization** to further develop stable and **digital distribution network**, including development of fiber optics networks.

### Sales

- **We digitize 100 % of our core customer processes** by 2025.
- Thanks to growing service quality we maintain **the highest NPS** (Net Promoter Score) among the largest electricity suppliers and we will **grow our customer base**.
- We will offer **product portfolio to households, which will enable them to achieve energy savings and emission reduction**.

### ESCO

- **We will build** infrastructure for **e-mobility** – we will quadruple charging capacity, and we will operate at least 800 stations by 2025.
- We will further develop our role of **decarbonization leader** – we will enable efficient reduction of emissions and **delivery of energy savings** for our industrial customers, municipalities and state administration in line with EU target of energy efficiency improvements by 39-40%.

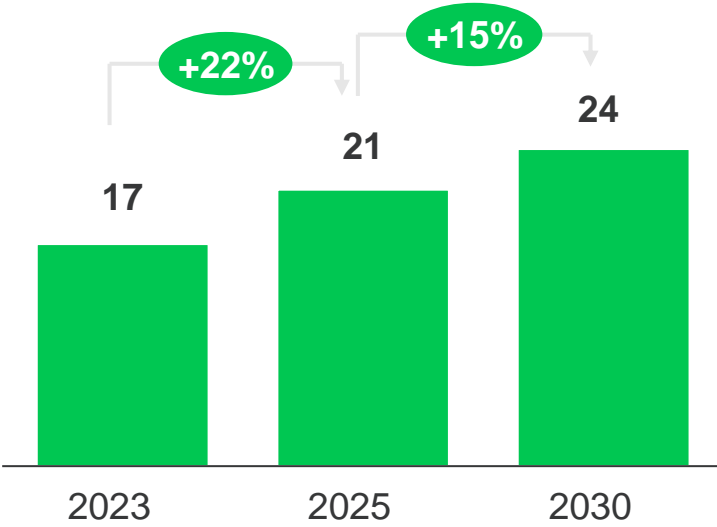
### New segments

- We will broaden our **business activities** to the areas of **batteries, e-mobility and hydrogen**.

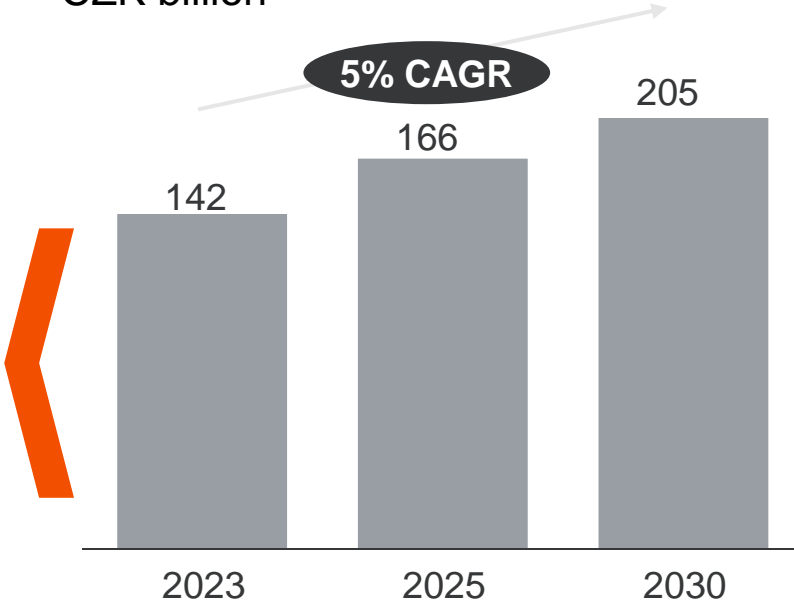
# We will build smart digital electricity grid



## Electricity distribution EBITDA in CZK billion



## RAB Development CZK billion



We will invest into smart grids and decentralization for developing digital distribution grid including fiber optic networks

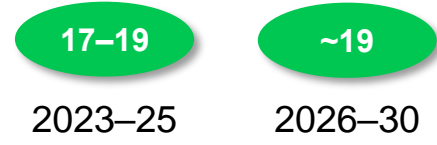
### 2030 digital transformation targets

- 80% of consumption covered by smart meters
- 80% of remotely measured transformer stations
- 8,500 km of optic fiber networks (compared to 6,034 km today)



- Increase network reliability
- Enable new connections of 14 GW of renewables
- Enable connection of 35,000 of EV charging stations
- More efficient network management will lead to cost reduction per connection point

### Annual CAPEX CZK billion, avg



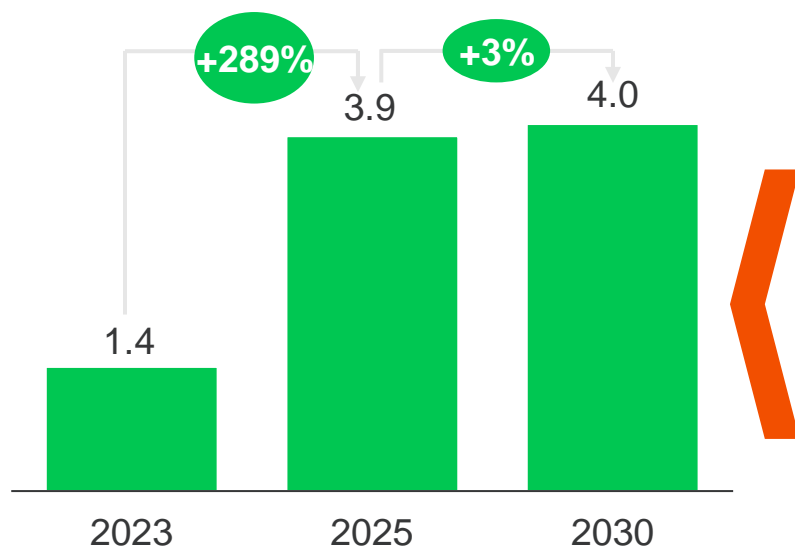


# We will grow our retail customer base and maintain high customer satisfaction



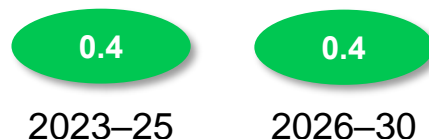
## Retail EBITDA

CEZ Prodej, CZK billion



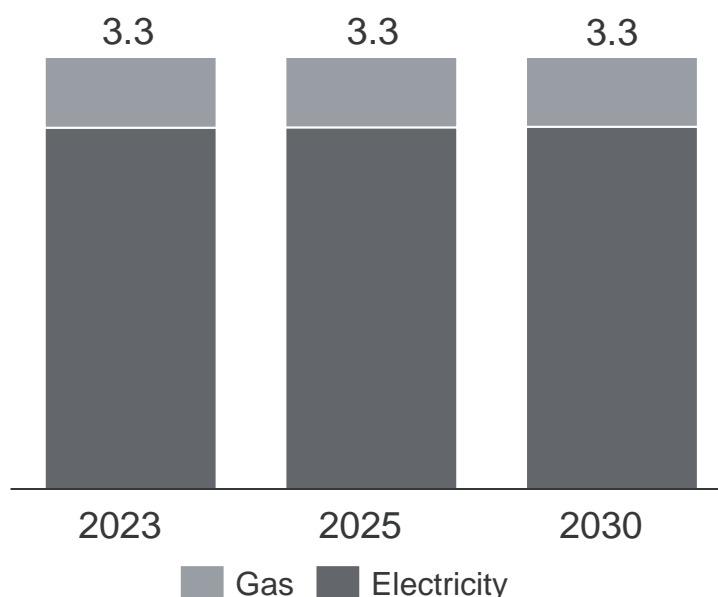
### Annual CAPEX

CZK billion, avg



## Number of customers

Million



## B2C

**100% of key customer processes will be digital by 2025**

We will maintain the **highest NPS** (net promoter score) among largest electricity supplies and we will increase our customer base

We will offer **product portfolio** for households, which will enable their decarbonization and energy savings

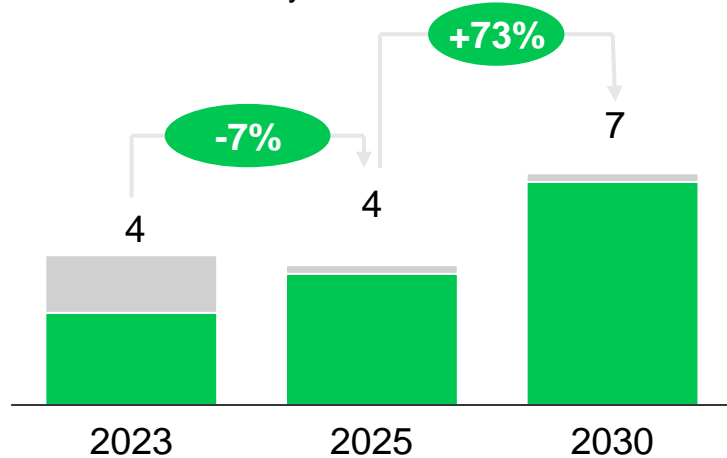
# We will grow our energy services business by supporting decarbonization of our customers



## ESCO EBITDA

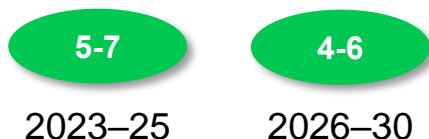
CZK billion

Commodity  
 Non-commodity services



### Annual Investments\*

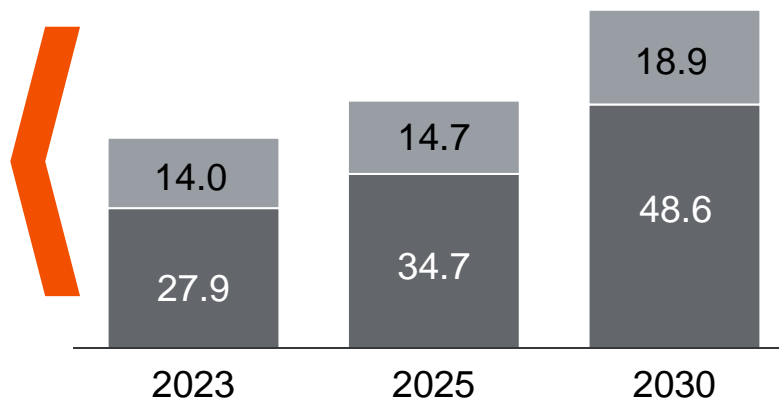
CZK billion, avg



## ESCO revenues

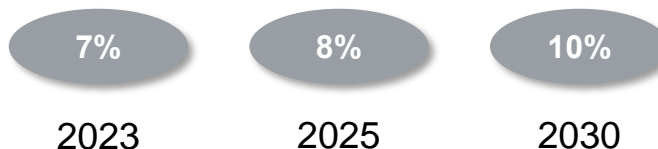
CZK billion

ESCO CZ & SK non-commodity  
 Foreign ESCO



### EBITDA margin (%)\*\*

CZK billion, avg



## B2B

We will enable efficient decarbonization and delivery of energy savings for our customers in industry, municipalities and public administration in line with EU target 39-40%

# Our ambition is to be a leader in ESG and we have set specific targets to achieve this goal



## CEZ Group key ESG commitments

### Environment

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- **CO<sub>2</sub>e emissions reduction in line with "well below 2°" scenario** (decrease from 0.38 tCO<sub>2</sub>e/MWh in 2019 to 0.26 in 2025 and to 0.16 in 2030)
- **Lowering share of coal generation** to 25% in 2025; to 12.5% in 2030
- Newly build **renewables** of 6 GW until 2030
- **NOx emission reduction** from 23 kt in 2019 to 13 kt in 2025 and 7 kt in 2030
- **SO<sub>2</sub> emission reduction** from 21 kt in 2019 and 6.5 kt in 2025 and 3 kt in 2030

### Social

---

- **Remain good corporate citizen** developing good relationship with communities
- **Rank among Top Employers** for future talent and current employees
- **Ensuring just transition** through re-skilling or compensation for 100% of employees affected by coal exit
- **Highest net promoter score** among Czech electricity suppliers
- **Digitalization** of all key customer processes by 2025

### Governance

---

- We will reach **30% share of women** in management
- **Further proceed in Code of Ethics training**, annually train above 95% of employees from 2022 onwards

## CEZ's consensus ESG rating is among 7%\* of the best companies

# Improvement in major ESG ratings reflects CEZ's systematic efforts towards sustainability



## S&P Global



## Moody's Analytics

ESG OVERALL SCORE



### ESG Assessment

**51/100 Robust**  
as of September 2022, by Moody's Analytics

*Moody's Analytics provides trusted and transparent data and perspectives across multiple areas of risk – credit; climate; environmental, social, and governance (ESG) – to help market participants identify opportunities and manage the continuously evolving risks of doing business.*

## MSCI



**As of November 21, 2024, CEZ, a.s., received an MSCI ESG Rating of AA.**

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## Sustainalytics



**Sustainalytics ESG Risk Rating 26.8**  
as of 2024, received by CEZ, a.s.

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# Summary and investment highlights



## We are accelerating strategy execution to benefit from energy transition

- We are transforming to **low emission electricity generator**
- We provide the **most cost-effective energy solutions** and the **best customer experience** on the market

## We develop CEZ Group responsibly and sustainably

- We **will reduce our emissions intensity** by more than **50%** by 2030
- We have met the ambition to be among **the best 20% in the ESG** rating by 2023

## We offer attractive dividend while maintaining strong credit rating

- **We will grow our EBITDA by 35%\***
- **Dividend policy: payout ratio 60-80%** from adjusted net income
- We keep **Net Financial Debt/EBITDA below 3.5x**



# AGENDA

- CEZ Group at a Glance
- CEZ guidance 2024
- Our Vision
- **Appendix**



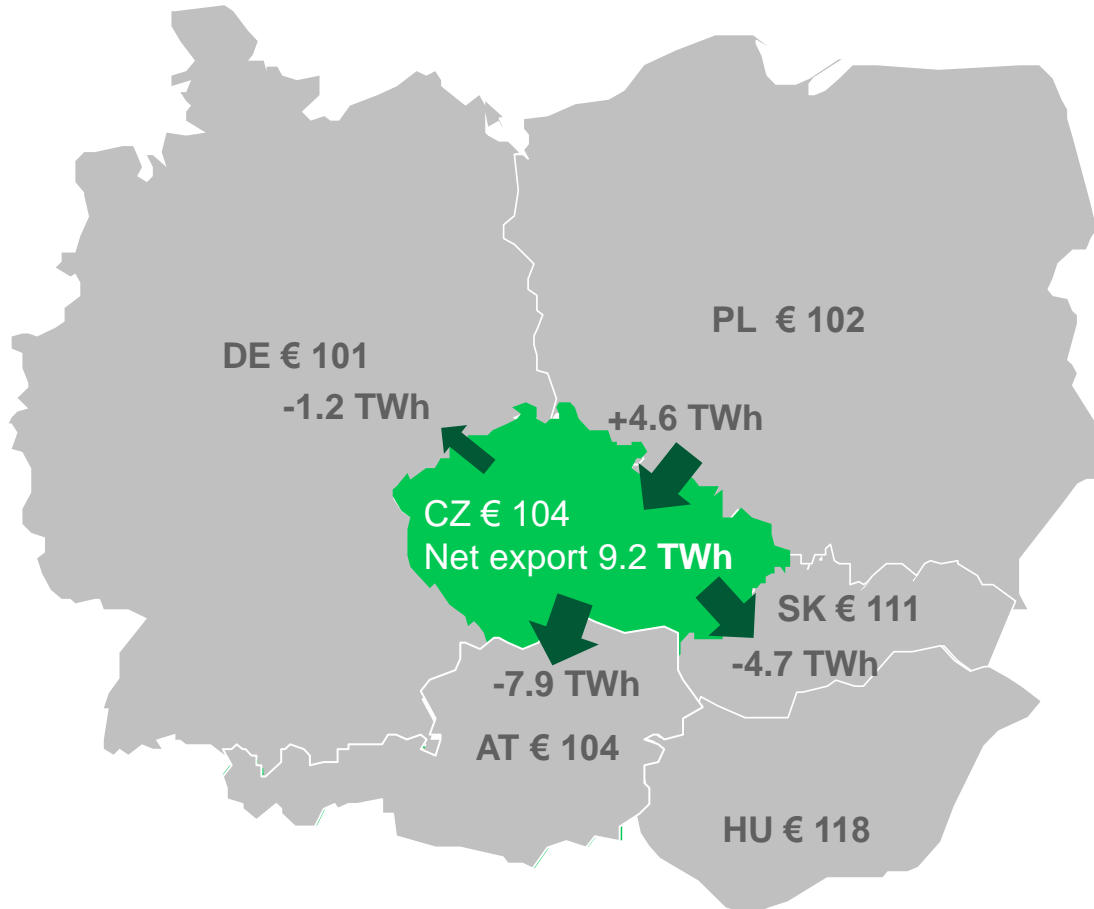
# Appendix

- **Electricity market fundamentals**
- Regulation of distribution
- ESG indicators
- Financial results

# Czech electricity market is integrated with neighbouring countries



## 2023 Physical electricity flows and current electricity prices



## Czech and German Electricity prices EUR/MWh, Y+1 baseload forwards





# Commodity prices have stabilised



**Carbon prices<sup>1</sup>**  
EUR/t



**Gas prices<sup>2</sup>**  
EUR/MWh



**Coal prices<sup>3</sup>**  
USD/t, Y+1



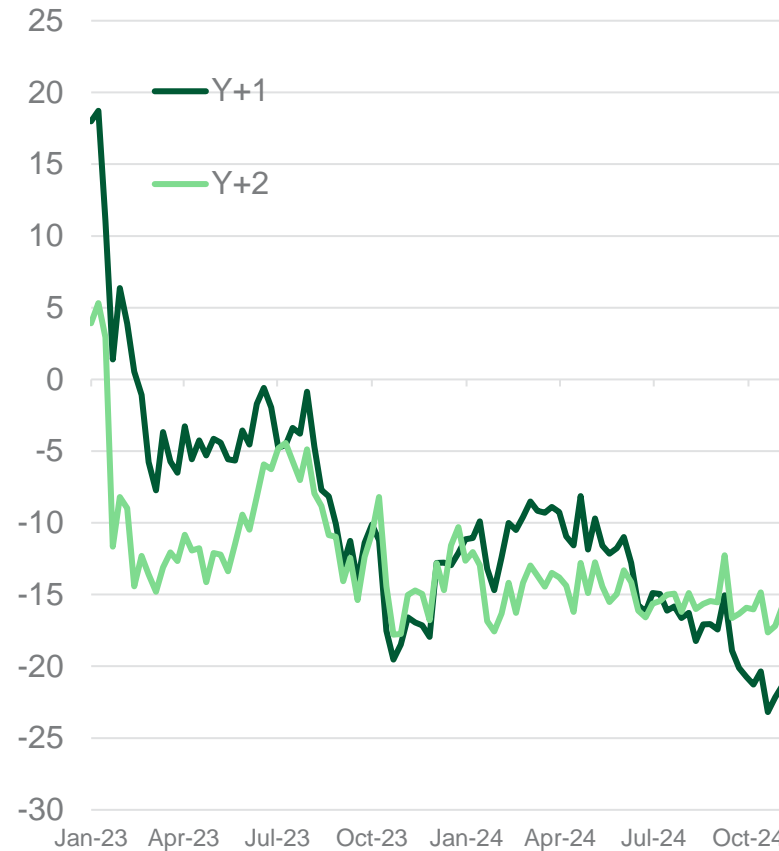
# Electricity spreads have declined



**Clean power (electricity – carbon)<sup>1</sup>**  
EUR/MWh



**Clean spark spread (CSS)<sup>2</sup>**  
EUR/MWh, weekly averages



**Clean dark spread (CDS)<sup>3</sup>**  
EUR/MWh, Y+1, weekly averages



# Measures to address energy affordability in 2023 and taxes introduced to fund these measures in Czechia



## Consumer Support in 2023

End-customer price caps for households, small and medium-sized enterprises (SMEs) and large businesses:

- **CZK 5/kWh for power, CZK 2.5/kWh for natural gas in 2023** (prices for commodity without taxes and distribution fees)
  - For households, small gas consumers, defined public procurers and customers connected to low voltage, the cap applies to whole consumption of electricity and gas
  - For SMEs and large businesses, the cap on electricity and gas applies to 80% of the highest consumption in each month in the last 5 years
  - For large businesses (connected to high and very high voltage) cap is applicable up to the EU financial limit on maximum support
  - The cap for gas will also be applied to consumption to produce heat (cap does not apply to consumption of gas used to produce electricity)
- **Suppliers are compensated for proven losses and a reasonable profit.**

## Revenues Cap in 2023

Levy on electricity generation revenues above defined price caps (from Dec 1, 2022 - Dec 31, 2023)

- **90% levy** on revenues above defined caps:
  - Nuclear EUR 70/MWh
  - Lignite EUR 170/MWh for units above 140 MW, EUR 230/MWh for units below 140 MW
  - Merchant hydro, wind, solar EUR 180/MWh
- No caps for hard coal, gas, pump-storage, and subsidised renewables
- Total annual revenue cap based on supplied volume by generation sources within a company
- The resulting levy is defined on an annual basis (the difference between total revenue and the total cap) and advances are paid monthly
- Levy is a tax-deductible expense and reduces the company's operating profit

## Windfall profit tax 2023-2025

Windfall tax for the energy, petrochemical and banking sectors of 60% in 2023 – 2025

- “Excess Profit” corresponds to the difference between the tax base and the historical arithmetic average tax base of 2018–2021 plus 20%
- Reasonable Profit taxed at a rate of 19% in 2023 and 21% from 2024, “Excess Profit” at a rate of 81% (60% + 21%)
- Tax imposed on selected energy companies whose main activity is primarily generation, sales and distribution of electricity, if their decisive income exceeds specified limits
- Group can aggregate the historical Reasonable Profit of individual taxable companies and pay the total tax obligation for the whole group.
- Advance tax payments for 2023 will be based on the companies' profit in 2022.



# Appendix

- Electricity market fundamentals
- **Regulation of distribution**
- ESG indicators
- Financial results

# Czech republic: electricity distribution - overview of regulatory framework



## Regulatory Framework

- Regulated by ERU (Energy Regulatory Office, [www.eru.cz](http://www.eru.cz))
- The main components of regulatory formula for distribution
  - Revenue cap = Operating expenses + Depreciation + Regulatory return on RAB - Other revenues corrections +/- Quality factor + Market factor
  - RAB adjusted annually to reflect net investments and revaluation trajectory
  - Regulatory rate of return (WACC nominal, pre-tax) – 6.54% for 2021-2025
  - Operating costs are indexed to weighted average of wage inflation index and market services price index. In V. Regulatory period efficiency factor set at 0.2% per year.
  - Quality factor – prescribed levels of SAIDI and SAIFI parameters. Maximum bonus or penalisation +/- 4% of allowed profit. Currently has neutral impact on CEZ Distribuce.
  - Market factor to reflect unexpected cost which could not had been planned while setting planned values of allowed costs (e.g. new duties coming from new legislation). Never used by ERU in case of CEZ Distribuce.

## Regulatory period

- 5<sup>th</sup> regulatory period from January 1, 2021 till December 31, 2025,
- Main focus:
  - lowering allowed costs compared to the previous period (reflecting actual costs in the previous regulatory period);
  - pressure on quality and security of electricity distribution (prescribed SAIDI and SAIFI parameters);
  - renew and develop the networks incentivised by reasonable regulation parameters.

## Unbundling & Liberalization

- Since January 1, 2006 all customers can choose their electricity supplier, market is 100% liberalized
- Prices for distribution regulated as per above, price of commodity is not regulated at all.

# Czech republic: natural gas distribution - overview of regulatory framework



## Regulatory Framework

- Regulated by Energy Regulatory Office
- The main components of regulatory formula for distribution
  - Revenue cap = Operating expenses + Depreciation + Regulatory return on RAB - Other revenues corrections + Costs to cover losses and technological consumption + Market factor
  - RAB adjusted annually to reflect net investments and revaluation trajectory
  - Regulatory rate of return (WACC nominal, pre-tax) – 6.43% for 2021-2025
  - Operating costs are indexed to weighted average of wage inflation index and market services price index. In V. Regulatory period efficiency factor set at 0.2% per year.
  - Amount of natural gas allowed to cover losses and own technological consumption up to 2%.
  - Market factor to reflect unexpected cost which could not had been planned while setting planned values of allowed costs (e.g. new duties coming from new legislation).

## Regulatory period

- 5<sup>th</sup> regulatory period from January 1, 2021 till December 31, 2025,
- Main focus:
  - converging RAB to the Net Book Value of Assets;
  - renewal of steel pipelines and emphasis on the expected transition of the heating industry to natural gas
  - digitization and preparation for „green gas“ distribution
  - lowering allowed costs compared to the previous period (reflecting actual costs in the previous regulatory period);

## Unbundling & Liberalization

- Since January 1, 2006 all customers can choose their gas supplier, market is 100% liberalized
- Prices for distribution regulated as per above, price of commodity is not regulated at all.

# Czech Republic: electricity and natural gas distribution - WACC



- WACC set using CAPM formula:

$$WACC = \left( k_e \times \frac{E}{D+E} \right) + \left[ \left( k_d \times \frac{D}{D+E} \right) \times (1-T) \right]$$

$$k_e = r_f + \beta \times MRP,$$

$$k_d = r_f + \text{credit risk margin (CRM)}$$

- Risk free rate ( $r_f$ ) was derived from median yields of 10-y Czech sovereign bonds for 10 years period
- Credit risk margin set as a difference between BBB rated corporate bonds and 10Y AAA EUR Sovereign bonds

WACC components for 5 <sup>th</sup> regulatory period 2021-2025	Electricity distribution	Natural gas distribution
Risk free rate ( $r_f$ )	2.04%	2.04%
Market risk premium (MRP)	6.54%	6.54%
$\beta$ unlevered	0.51	0.49
$\beta$ levered ( $\beta$ )	0.90	0.87
<b>Cost of equity (<math>k_e</math>)</b>	<b>7.94%</b>	<b>7.76%</b>
Credit risk margin (CRM)	1.09%	1.09%
Cost of debt, pre tax ( $k_d$ )	3.14%	3.14%
Tax rate (T)	19%	19%
<b>Cost of debt, post-tax</b>	<b>2.54%</b>	<b>2.54%</b>
Debt/(Debt+Equity)	48.92%	48.89%
<b>WACC (nominal, before tax)</b>	<b>6.54%</b>	<b>6.43%</b>



# Appendix

- Electricity market fundamentals
- Regulation of distribution
- **ESG indicators**
- Financial results



# Key ESG Indicators



## Environment

	unit	2021	2022	2023
Scope 1 emissions	M tCO <sub>2e</sub>	19.0	18.2	16.0
Scope 2 emissions	M tCO <sub>2e</sub>	0.1	0.0	0.0
Scope 3 emissions	M tCO <sub>2e</sub>	9.3	10.9	13.5
Carbon intensity (electricity and heat generation)	tCO <sub>2e</sub> /MWh	0.29	0.29	0.27
Water consumption (electricity and heat generation)	m <sup>3</sup> /MWh	1.27	1.40	1.40
Energy generation - non-renewable fuels	000' TJ	524	514	486
Climate neutrality: Interim targets**:	Year	2040* 2025 2030	2040* 2025 2030	2040* 2025 2030
Weight of waste (non-hazardous)	000' t	59	48	120
ISO 14001 certified MWs	%	88	98	97

## Social

	unit	2021	2022	2023
Number of employees	000'	28.0	28.7	30.6
Employee turnover	%	10.3	9.6	9.3
Employees unionized	%	28	28	28
Donorship	m CZK	319	368	499
Fatalities	#	1	0	3
Training hours	000'	880	1,209	1,327
Injuries	#	N/A	580	771
Women in workforce	%	20.5	21.1	21.1
SAIDI	minutes /customer	214	208	205
R&D expenses	m CZK	952	982	1,199

## Governance

	unit	2021	2022	2023
Supervisory Board meetings	#	13	14	11
Supervisory Board member attendance	%	96.2	98.8	95.9
Supervisory Board independence	%	50	55	55
Female Supervisory Board members	%	8.3	9.1	9.1
Number of Supervisory Board members	#	12	11	11
Women in management	%	13.5	12.0	12.4

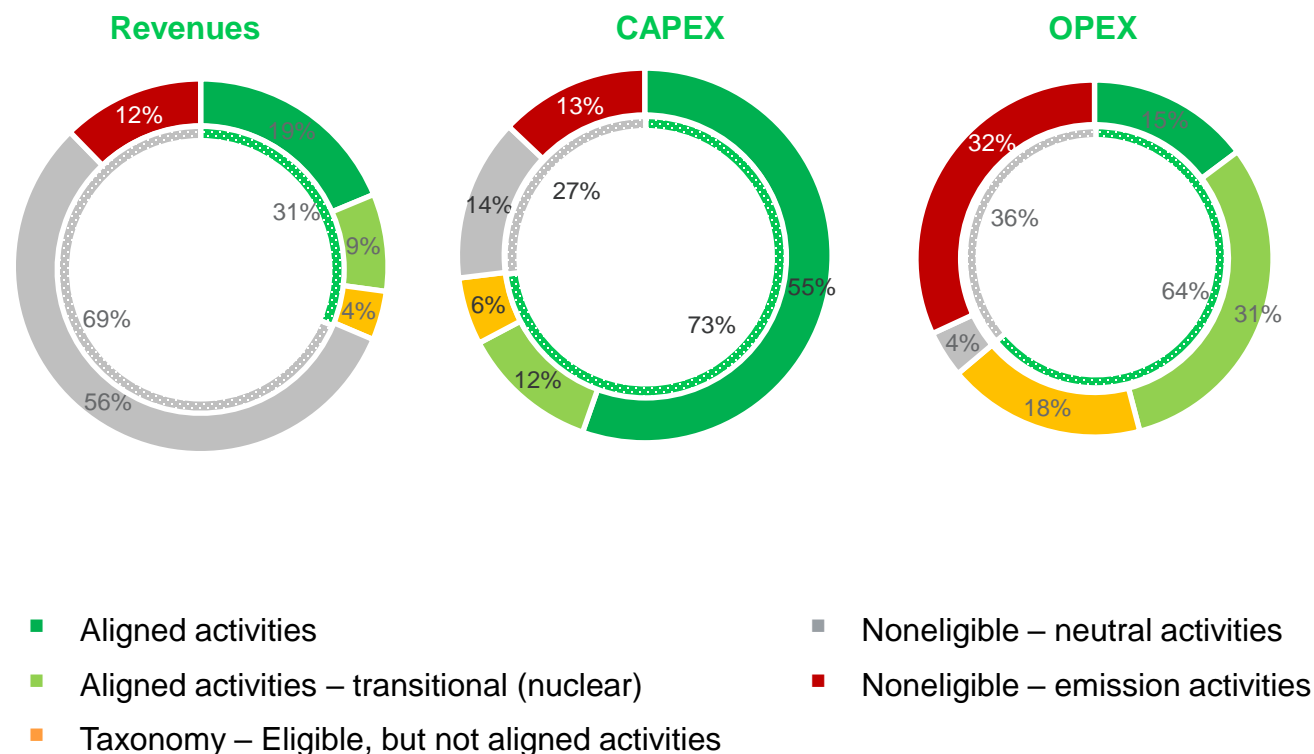
# Developments in ESG area and structure of CEZ activities according to EU taxonomy



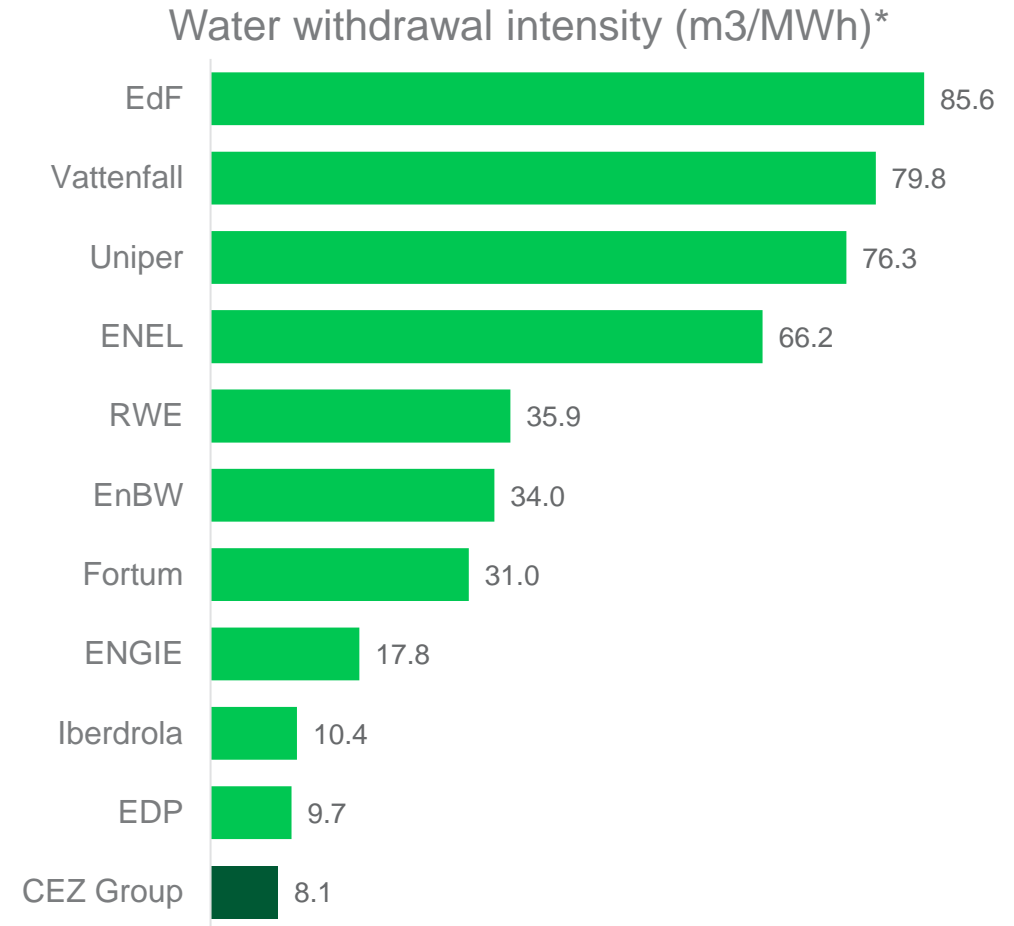
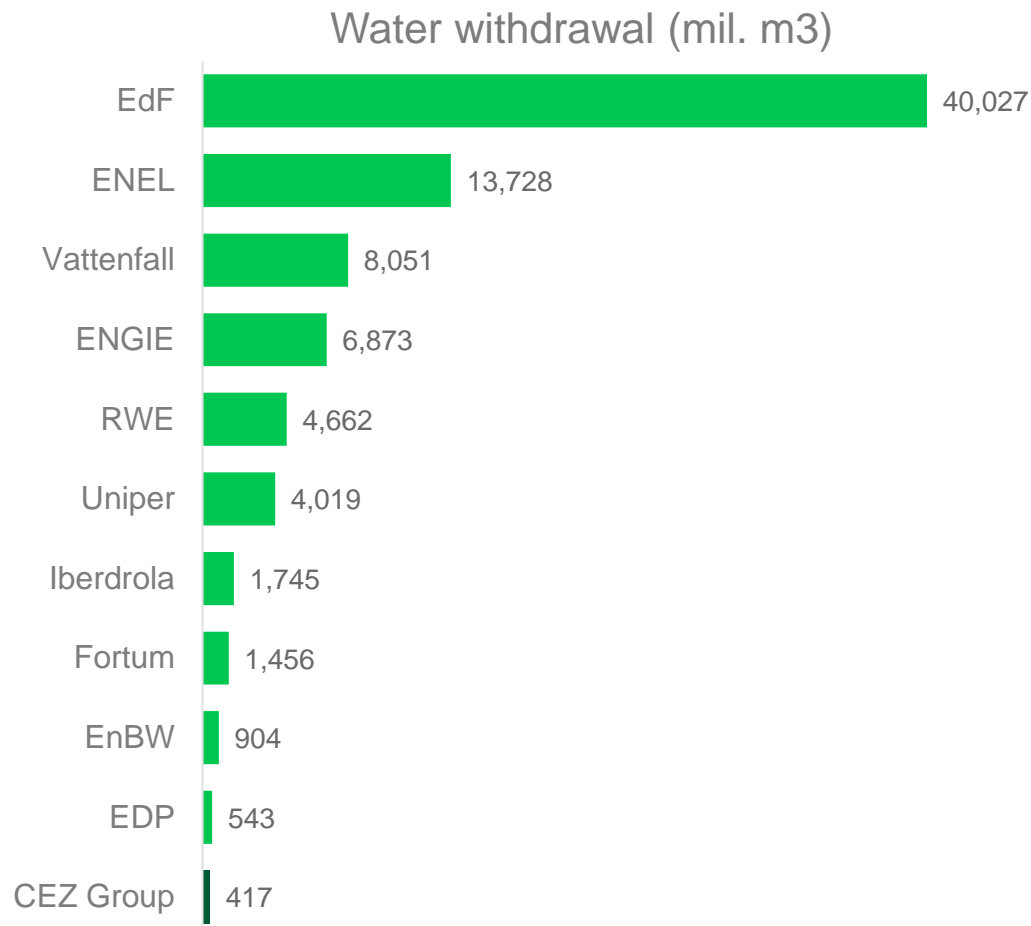
## Selected Events in ESG

- SBTi validated CEZ's near-term, long-term and net-zero emission reduction targets. CEZ was the first Czech company to achieve validation.
- We are committed to achieving **climate neutrality as early as 2040**.
- We joined the **CEO Water Mandate initiative**—as the first in Czechia
- The **most trusted energy supplier** according to Net Promoter Score Czechia—for the eighth time in a row.
- We were awarded the **“Most Desirable Employer” in Czechia**—for the fourth time in a row.
- **ESG certification of Board of Directors members**
- **Sustainability Report\* issued** in accordance with international standards (GRI, SASB, WEF, EU Taxonomy) including externally audited key KPIs
- **ESG website\*\*** and online ESG library of nonfinancial data (the most extensive in European energy sector)

## Structure of CEZ Group activities in 2023 according to EU taxonomy



# CEZ's water withdrawals are the lowest among peers thanks to closed-cycle cooling



Source: Annual Reports and Sustainability Reports of above companies.

\* Simplified computation - water withdrawal divided by electricity generation only, i.e. no heat generation has been taken into account, e.g. In case of CEZ the addition of heat generation results in decrease of the Water withdrawal intensity ratio to 7.05.



# Appendix

- Electricity market fundamentals
- Regulation of distribution
- ESG indicators
- **Financial results**

# Financial Highlights for Q1–Q3 2024 and Full-Year Outlook



(CZK bn)	Q1–Q3 2023	Q1–Q3 2024	Diff	%
Operating revenues	246.5	244.1	-2.3	-1%
EBITDA	95.0	100.0	+5.0	+5%
Operating income	67.1	70.9	+3.8	+6%
Net income	29.8	23.4	-6.4	-21%
Adjusted net income*	31.4	24.8	-6.6	-21%
Operating cash flow**	133.7	108.8	-24.9	-19%
CAPEX	27.9	34.8	+6.8	+25%

## Financial Outlook for the Full Year 2024

- EBITDA is expected at CZK 126–130 bn.
- Net income adjusted for extraordinary effects is estimated at CZK 26–30 bn.

\* Adjusted net income = Net income attributable to equity holders of the parent adjusted for extraordinary effects that are generally unrelated to ordinary financial performance in a given period (in particular fixed asset impairments and goodwill write-off)

\*\* The significant year-over-year decrease in operating cash flow is mainly due to a specific income in 2023, when ČEZ recovered tens of billions of CZK from temporary margin deposits on commodity exchanges and from trading parties by virtue of pre-sales of generated energy (mainly in 2022). By contrast, working capital fluctuations associated mainly with commodity and emission allowance trading had a positive year-over-year effect.

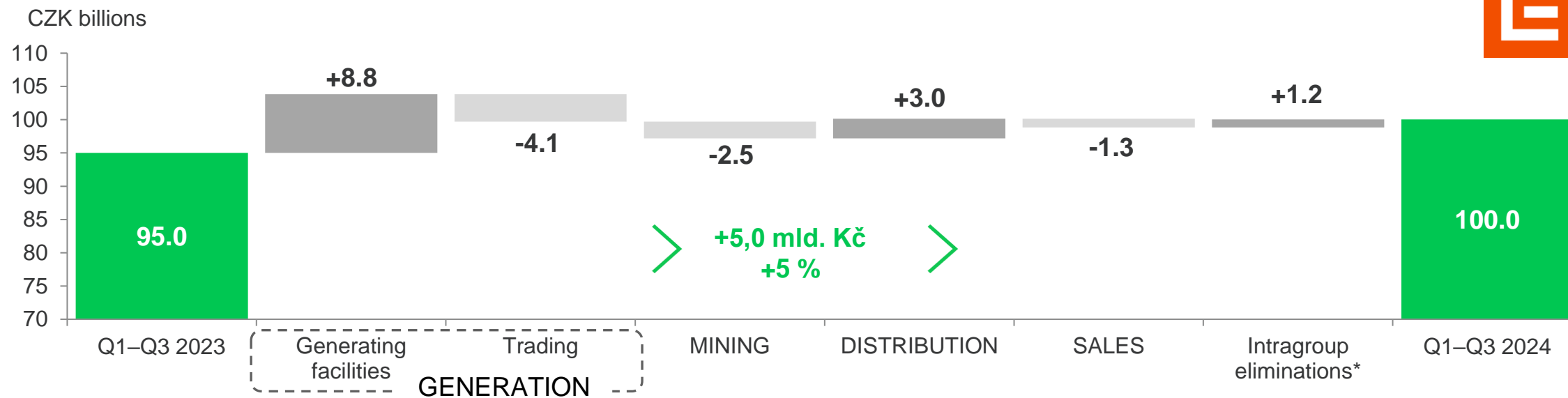
# Total operating results



		Q1–Q3 2023	Q1–Q3 2024	Diff	%
Electricity generation	TWh	37.0	36.9	-0.1	-0%
of which in Czechia	TWh	35.6	35.6	-0.0	-0%
Heat sales	TWh	4.3	4.1	-0.2	-4%
of which in Czechia	TWh	3.1	3.0	-0.1	-3%
Sales of electricity*	TWh	17.8	16.8	-0.9	-5%
of which in Czechia	TWh	15.9	14.2	-1.7	-11%
Gas sales*	TWh	7.5	6.4	-1.0	-14%
Electricity distribution*	TWh	25.0	24.8	-0.2	-1%
Gas distribution*	TWh	0.7	3.9	+3.2	>200%
of which in Czechia	TWh	0.6	3.8	+3.2	>200%
Coal mining	mil t	11.0	9.7	-1.3	-12%
Emission intensity**	t CO <sub>2</sub> e/MWh	0.26	0.25	-0.0	-3%
		<b>as at Sep 30, 2023</b>	<b>as at Sep 30, 2024</b>	<b>Diff</b>	<b>%</b>
Installed capacity	GW	11.9	12.0	+0.1	+1%
of which in Czechia	GW	11.1	11.2	+0.0	+0%
Workforce headcount	thousands persons	30.2	33.4	+3.3	+11%
of which in Czechia	thousands persons	24.7	27.7	+2.9	+12%

\* to end-use customers  
 \*\* Corresponds to emissions as defined in "SCOPE 1 of the GHG Protocol". Under CEZ Group's conditions, these are emissions related to the combustion of fossil fuels in the generation of electricity and heat (CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O emissions) and CO<sub>2</sub> emissions from transport. The CO<sub>2</sub>e indicator also includes CH<sub>4</sub> and N<sub>2</sub>O emissions from biomass combustion, CH<sub>4</sub> emissions from coal mining and HFC, PFC and SF<sub>6</sub> emissions from air conditioning and other equipment.

# Main Causes of Year-over-Year Change in EBITDA



## GENERATION Segment – Generating facilities (CZK +8.8 bn)

- Levy on revenues above price caps from generation in Czechia in 2023 (CZK +8.5 bn)
- Higher realized prices, including exchange rate hedging and the acquisition value of emission allowances (CZK +4.8 bn)
- Lower revenues from the sales of ancillary services and regulatory energy (CZK -2.3 bn)
- Other effects (CZK -2.2 bn), mainly higher fixed expenses and the effect of scheduled outages of the Dukovany Nuclear Power Plant

## GENERATION Segment – Trading (CZK -4.1 bn)

- Lower proprietary trading margin (CZK -2.4 bn): income of CZK 4.4 bn compared to the income of CZK 6.8 bn in Q1–Q3 2023
- Other trade and intragroup effects (CZK -1.7 bn), in particular temporary revaluation of derivative transactions hedging generation and sales

**MINING Segment (CZK -2.5 bn)** – in particular lower external sales due to lower coal supplies

## DISTRIBUTION Segment (CZK +3.0 bn)

- Inclusion of GasNet Group in CEZ Group consolidation as of Sept 1, 2024 (CZK +0.7 bn)
- High negative correction factor of ČEZ Distribuce in 2023 (CZK +1.5 bn); in particular correction of part of the revenues from 2021 in connection with the higher volume of electricity distributed to residential customers during the Covid pandemic
- Other effects (CZK +0.7 bn), mainly higher allowed revenues of ČEZ Distribuce reflecting higher realized investment in distribution assets

## SALES Segment (CZK -1.3 bn)

- Lower margin from electricity sold to end-use customers, in particular due to temporary seasonal factors affecting the costs of commodity acquisitions in 2023

\* Mainly the elimination of the effect of hedging the currency risks of ČEZ ESCO (SALES segment) through ČEZ, a. s. (GENERATION segment), where the effect is reported under other expenses and revenues (outside EBITDA).

# Main Causes of Year-over-Year Change in Net Income



(CZK bn)	Q1–Q3 2023	Q1–Q3 2024	Diff	%
EBITDA	95.0	100.0	+5.0	+5%
Depreciation and amortization	-26.2	-27.5	-1.3	-5%
Asset impairments*	-1.7	-1.6	+0.1	+5%
Other income and expenses	-3.7	-7.2	-3.5	-94%
Interest income and expenses	0.4	-1.6	-2.0	-
Interest from nuclear and other provisions	-5.5	-6.1	-0.6	-11%
Other	1.4	0.5	-0.9	-67%
Income taxes	-33.6	-40.3	-6.7	-20%
<b>Net income</b>	<b>29.8</b>	<b>23.4</b>	<b>-6.4</b>	<b>-21%</b>
<b>Adjusted net income</b>	<b>31.4</b>	<b>24.8</b>	<b>-6.6</b>	<b>-21%</b>

## Net income adjustments

Net income in Q1–Q3 2024 adjusted mainly for fixed asset impairments in Severočeské doly (CZK -1.4 bn).

## Other income and expenses (CZK -3.5 bn)

- Interest income and expenses (CZK -2.0 bn) due to temporarily lower free funds and lower interest rates
- Exchange rate effects and revaluation of financial derivatives (CZK -1.5 bn)
- Exchange rate effect in 2023 due to ownership of companies in Turkey (CZK -0.5 bn)
- Higher interest from nuclear and other provisions (CZK -0.6 bn)
- Revaluation of the Inven Capital portfolio (CZK +0.5 bn)
- Income from the sale of securities and dividends from Veolia (CZK +0.4 bn)

## Depreciation and amortization (CZK -1.3 bn)

- Inclusion of GasNet Group in the consolidated CEZ Group as of September 1, 2024 (CZK -0.5 bn)
- Higher depreciation and amortization of ČEZ Distribuce (CZK -0.5 bn), higher depreciation and amortization of nuclear power plants (CZK -0.2 bn)

## Income taxes

- Higher deferred tax in 2024 due to accelerated depreciation of coal assets in 2024 (CZK -3.2 bn)
- Other effects (CZK -3.5 bn) due to the development of income before tax and other assumptions of the deferred tax



# GENERATION and MINING Segments EBITDA



(CZK bn)	Q1–Q3 2023	Q1–Q3 2024	Diff	%
Zero-emission generating facilities, of which:	45.3	57.1	+11.8	+26%
Nuclear	37.1	50.4	+13.3	+36%
Renewable	8.2	6.6	-1.6	-19%
Emission generating facilities	13.6	10.7	-2.9	-22%
Trading	7.8	3.6	-4.1	-53%
<b>GENERATION Segment</b>	<b>66.7</b>	<b>71.4</b>	<b>+4.7</b>	<b>+7%</b>
<b>MINING Segment</b>	<b>8.9</b>	<b>6.3</b>	<b>-2.5</b>	<b>-28%</b>
<b>GENERATION and MINING TOTAL</b>	<b>75.5</b>	<b>77.7</b>	<b>+2.2</b>	<b>+3%</b>

## MINING Segment – Year-over-Year Effects (CZK -2.5 bn)

- Lower external revenues due to reduced supplies (CZK -2.4 bn)
- Lower revenues from coal supplies to CEZ Group mainly due to coal price decrease (CZK -1.6 bn)
- Lower fixed operating expenses (CZK +1.2 bn), in particular energy expenses

The breakdown of EBITDA of the GENERATION segment into four sub-segments is only indicative on the basis of central allocation assumptions (in particular the allocation of ČEZ's gross margin and fixed expenses of the central divisions of ČEZ, a. s.) and simplified consolidation with other companies. The allocation of 2023 EBITDA among the sub-segments is always reported in accordance with the current methodology for allocation of 2024 EBITDA for comparability.

Temelín NPP – Temelín Nuclear Power Plant, Dukovany NPP – Dukovany Nuclear Power Plant

## GENERATION Segment – Year-over-Year Effects (CZK +4.7 bn)

### Nuclear facilities (CZK +13.3 bn)

- Levy on revenues above price caps from generation in Q1–Q3 2023 (CZK +8.3 bn)
- Trade effects (CZK +6.7 bn): price effect incl. exchange rate hedging
- Operating effects (CZK -1.7 bn): Temelín NPP availability (CZK +0.5 bn), effect of scheduled outages at Dukovany NPP (CZK -0.9 bn), fixed expenses (CZK -1.3 bn)

### Renewables (CZK -1.6 bn)

- Trade effects in Czechia (CZK -2.1 bn): ancillary services and regulatory energy (CZK -2.0 bn), price effects incl. the effect of exchange rate hedging (CZK -0.1 bn)
- Levy on revenues above price caps from generation in Q1–Q3 2023 (CZK +0.2 bn)
- Operating effects (CZK +0.3 bn): hydroelectric facilities (CZK +0.4 bn), fixed expenses (CZK -0.1 bn)

### Emission sources (CZK -2.9 bn)

- Trade effects (CZK -2.6 bn): price effect incl. exchange rate hedging (CZK -1.9 bn), heat sales (CZK +0.6 bn), on-site trade (CZK -1.1 bn), ancillary services and regulatory energy (CZK -0.3 bn)
- Operating effects in Czechia (CZK -0.1 bn): scheduled outages and operational availability (CZK +0.2 bn), higher fixed expenses (CZK -0.3 bn)
- Poland (CZK -0.2 bn), lower margin from electricity sales

### Trading (CZK -4.1 bn)

- Lower proprietary trading margin (CZK -2.4 bn): income of CZK 4.4 bn compared to the income of CZK 6.8 bn in Q1–Q3 2023
- Other trade and intragroup effects (CZK -1.7 bn), in particular temporary revaluation of derivative transactions hedging generation and sales for future periods

# SALES segment EBITDA



(CZK bn)	Q1–Q3 2023	Q1–Q3 2024	Diff	%
Retail segment – ČEZ Prodej	3.8	3.3	-0.6	-15%
B2B segment – ESCO companies:	3.5	2.9	-0.7	-19%
Energy Services – Czechia	0.6	0.5	-0.1	-19%
Energy Services – abroad*	1.0	1.4	+0.4	+42%
Commodity sales – Czechia	2.0	1.0	-1.0	-48%
B2B segment – Other activities**	0.3	0.3	-0.0	-14%
<b>SALES Segment Total</b>	<b>7.7</b>	<b>6.4</b>	<b>-1.3</b>	<b>-17%</b>

## Retail segment – ČEZ Prodej (CZK -0.6 bn)

- Electricity sales (CZK -1.3 bn) and gas sales (CZK +0.9 bn) in particular due to significant temporary seasonal factors\*\*\* on the cost of acquiring commodities, especially in 2023
- Effect of litigations with the Czech Railway Administration regarding the supply of electricity (CZK -0.1 bn):
  - revenue of CZK 1.4 bn in 2023 regarding supplies in 2011
  - revenue of CZK 1.3 bn in 2024 regarding supplies in 2010

## B2B segment – ESCO companies (CZK -0.7 bn)

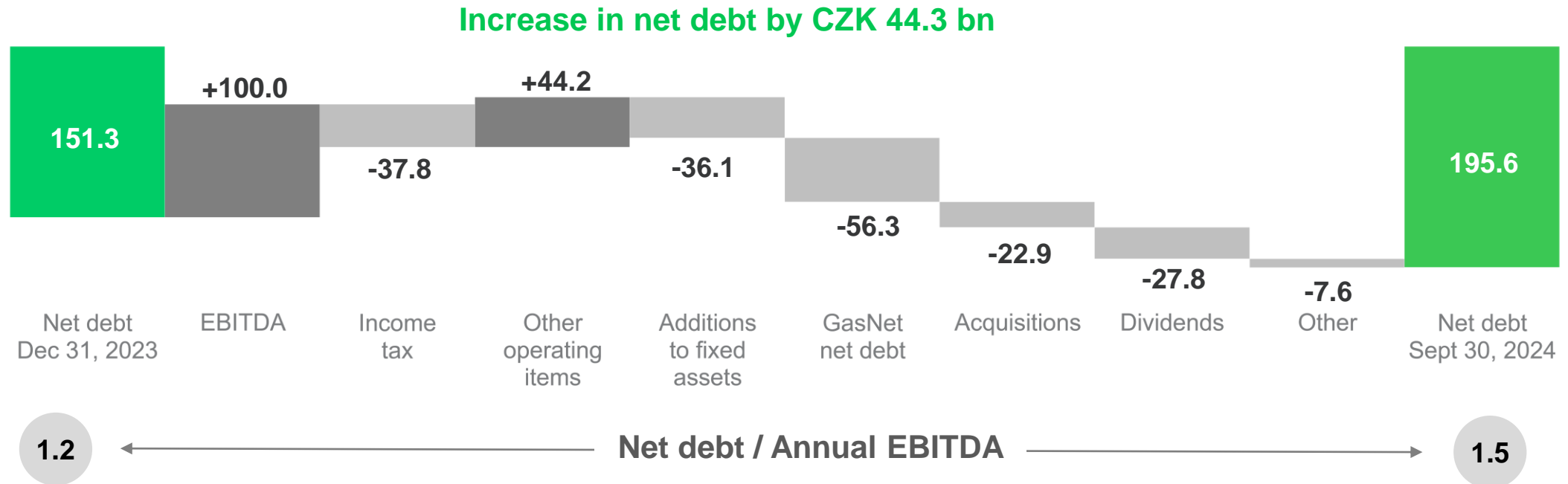
- Energy services – Czechia (CZK -0.1 bn): mainly lower heat consumption due to warm weather
- Energy services – abroad (CZK +0.4 bn): especially a higher volume of Elevion and Belectric contracts in Germany and the benefit of the acquisitions of the German companies SERCOO and Ochs Gruppe
- Commodity sales – Czechia (CZK -1.0 bn):
  - Purchase of electricity from RES (CZK -0.8 bn): very high profit in 2023 amounting to CZK 1.0 bn
  - Commodity sales to end-use customers (CZK -0.2 bn)

\* Germany, Slovakia, Poland, Italy, Austria, and other countries

\*\* In particular telecommunications companies and ČEZ Teplárenská

\*\*\* Prices for end-use customers are generally set as identical for winter and summer, while the purchase prices of electricity and gas are generally significantly higher in winter than at other times of the year. In addition, there are temporary effects due to electricity purchases to cover losses in the grid.

# Change in net debt (cash flow) in Q1–Q3



- **Income tax (CZK -37.8 bn):** advances on windfall tax for 2024 (CZK -22.5 bn) and payments related to standard income tax (CZK -15.3 bn)
- **Other operating effects (CZK +44.2 bn):** positive change of trade receivables and payables (CZK +15.8 bn), non-cash expense on emission allowances consumed in generation and trading (CZK +25.0 bn), other effects (CZK +3.4 bn)
- **Additions to fixed assets (CZK -36.1 bn):** capital expenditure – CAPEX (CZK -34.8 bn), change in liabilities from acquired fixed assets (CZK -1.1 bn), acquisition of INVEN Capital securities (CZK -0.1 bn)
- **GasNet net debt (CZK -56.3 bn):** net financial debt attributable to GasNet companies
- **Acquisitions (CZK -22.9 bn):** mainly GasNet group (CZK -21.4 bn), acquisitions of ESCO, RES, telco and heat companies
- **Other (CZK -7.6 bn):** change in restricted financial assets (CZK -2.6 bn), change in fair value of debt (CZK -3.0 bn), change in other long-term liabilities (CZK -1.0 bn), payments of lease liabilities (CZK -0.7 bn)

# Credit facilities and debt structure



## Committed bank credit facilities as at Sep 30, 2024

UNDRAWN  
CZK 65.1 bn



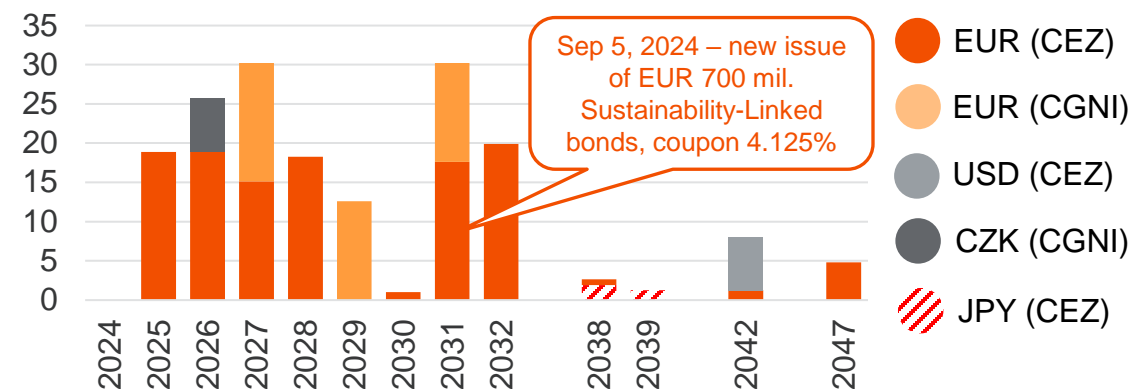
DRAWN  
CZK 0.045 bn

\* Available committed bank credit lines include an undrawn long-term loan from the EIB of EUR 240 mil.

The chart now also contains CZK 1.5 bn worth of committed lines of Czech Gas Networks Investments

- Committed bank facilities are kept as a reserve for covering unexpected expenses and to fund short-term financial needs.
- As at September 30, 2024, CEZ Group had access to CZK 65.2 bn worth of committed bank credit lines, of which only CZK 45 mil were drawn.
- On September 5, 2024, a 7-year sustainability bond of EUR 700 mil with a coupon of 4.125% was issued as part of the EMTN program.
- In August, a long-term credit line tied to sustainability in the amount of EUR 175 mil. was signed and drawn (EUR 75 mil. due on December 31, 2029 and EUR 100 million due on December 31, 2030).
- Following the payment of the GasNet acquisition from available liquidity, the credit line originally intended to finance this acquisition was subsequently terminated.

## Bond maturity profile as at Sep 30, 2024 (CZK bn)



Debt level		as at Sep 30, 2023	as at Sep 30, 2024
Debts and loans	CZK billions	154.8	238.2
of which short-term bank	CZK billions	2.1	2.7
Cash and fin. assets**	CZK billions	18.5	42.6
Net debt	CZK billions	136.3	195.6
Net debt / EBITDA		1.0	1.5

\*\* Cash and cash equivalents and highly liquid financial assets

# Nuclear and mining provisions as of YE 2023



## Nuclear and mining provisions as of YE 2023 in accordance with IFRS (long-term risk-free real interest rate 2.1% p.a.; est. inflation effect 2.6%)

	Provision (CZK bn)	Responsibility of:	Cash cover (CZK)
Interim storage of spent nuclear fuel	10.5 bn	CEZ	0.01 bn
Permanent storage of spent nuclear fuel	43.1 bn	State*, costs paid by CEZ	Fee 55 CZK/MWh generated in NPP paid to Nuclear Account**
Nuclear Facility decommissioning	75.0 bn	CEZ	18.1 bn
Mining reclamation	15.3 bn	CEZ (SD***)	6.5 bn
Landfills (ash storage)	0.6 bn	CEZ	0.1 bn
Coal plants dismantling	16.5 bn	CEZ	0.0 bn

\* RAWRA - the Radioactive Waste Repository Authority a state organizational institution. Currently 4 potential locations for deep geological repository are examined, approval of the final and backup sites expected till 2028, full operation in 2050.

\*\* State Nuclear Account balance of CZK 40.2 bn as of YE 2023

\*\*\* SD – Severočeské doly (a mining company)

# Selected historical financials of CEZ Group (CZK)



<i>CZK bn</i>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Revenues</b>	<b>201.8</b>	<b>210.2</b>	<b>203.7</b>	<b>205.1</b>	<b>184.5</b>	<b>206.2</b>	<b>213.7</b>	<b>227.8</b>	<b>288.7</b>	<b>340.6</b>
Sales of electricity	173.8	182.1	174.9	104.1	103.1	110.2	118.7	136.2	165.6	200.2
Sales of services				76.3	59.9	71.4	71.5	67.3	75.4	84.6
Sales of gas, heat and coal and other income	27.9	28.1	28.8	24.7	21.5	24.6	23.5	24.3	47.7	55.8
<b>Operating Expenses</b>	<b>129.3</b>	<b>145.1</b>	<b>145.6</b>	<b>151.2</b>	<b>135</b>	<b>146</b>	<b>148.9</b>	<b>164.6</b>	<b>157.1</b>	<b>215.8</b>
Purchased power and related services	75.8	90.9	59.5	57.4	52.2	55.5	56.3	62.7	69.6	83.2
Fuel and emission rights	12.7	13.1	15.1	16.0	19.1	21.4	23.3	24.6	45.4	40.2
Salaries and wages	18.9	17.8	19.2	22.1	25.6	28.8	30.9	30.6	33.9	37.8
Other	21.9	23.4	51.8	54.5	38.1	40.3	38.4	46.7	8.2	54.6
<b>EBITDA</b>	<b>72.5</b>	<b>65.1</b>	<b>58.1</b>	<b>53.9</b>	<b>49.5</b>	<b>60.2</b>	<b>64.8</b>	<b>63.2</b>	<b>131.6</b>	<b>124.8</b>
<i>EBITDA margin</i>	<i>36%</i>	<i>31%</i>	<i>29%</i>	<i>26%</i>	<i>27%</i>	<i>29%</i>	<i>30%</i>	<i>28%</i>	<i>46%</i>	<i>37%</i>
Depreciation, amortization, impairments	35.7	36.3	32.1	29.5	29.7	33.8	52.2	47.1	29.9	40.3
<b>EBIT</b>	<b>36.9</b>	<b>29.0</b>	<b>26.1</b>	<b>25.6</b>	<b>19.8</b>	<b>26.4</b>	<b>12.6</b>	<b>16.1</b>	<b>101.9</b>	<b>84.5</b>
<i>EBIT margin</i>	<i>18%</i>	<i>14%</i>	<i>13%</i>	<i>12%</i>	<i>11%</i>	<i>13%</i>	<i>6%</i>	<i>7%</i>	<i>35%</i>	<i>25%</i>
<b>Net Income</b>	<b>22.4</b>	<b>20.5</b>	<b>14.6</b>	<b>19</b>	<b>10.5</b>	<b>14.5</b>	<b>5.5</b>	<b>9.9</b>	<b>80.7</b>	<b>29.6</b>
<i>Net income margin</i>	<i>11%</i>	<i>10%</i>	<i>7%</i>	<i>9%</i>	<i>6%</i>	<i>7%</i>	<i>3%</i>	<i>4%</i>	<i>28%</i>	<i>9%</i>
<b>Adjusted net income</b>	<b>29.5</b>	<b>27.7</b>	<b>19.6</b>	<b>20.7</b>	<b>13.1</b>	<b>18.9</b>	<b>22.8</b>	<b>22.3</b>	<b>78.4</b>	<b>34.8</b>
<i>Adjusted net income margin</i>	<i>15%</i>	<i>13%</i>	<i>10%</i>	<i>10%</i>	<i>7%</i>	<i>9%</i>	<i>11%</i>	<i>10%</i>	<i>27%</i>	<i>10%</i>
<i>CZK bn</i>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Non current assets	497.5	493.1	489.3	487.9	480.4	501.9	471.9	474.4	552.0	540.7
Current assets	130.4	109.6	141.6	136	227	202.7	230.5	708.4	555.4	285.1
- out of that cash and cash equivalents	20.1	13.5	11.2	12.6	7.3	9.8	6.1	26.6	36.6	10.9
<b>Total Assets</b>	<b>627.9</b>	<b>602.7</b>	<b>630.8</b>	<b>623.9</b>	<b>707.4</b>	<b>704.6</b>	<b>702.5</b>	<b>1182.9</b>	<b>1107.4</b>	<b>825.8</b>
Shareholders equity (excl. minority. int.)	261.3	267.9	256.8	250	234.7	250.8	233.9	161.1	258.9	244.1
<i>Return on equity</i>	<i>9%</i>	<i>8%</i>	<i>6%</i>	<i>7%</i>	<i>4%</i>	<i>6%</i>	<i>2%</i>	<i>5%</i>	<i>38%</i>	<i>12%</i>
Interest bearing debt	184.1	157.5	167.8	154.3	161	171.9	151.8	137.9	193.3	168.9
Other liabilities	182.4	177.3	206.2	219.6	311.7	281.9	316.8	883.9	655.2	412.8
<b>Total liabilities</b>	<b>627.9</b>	<b>602.7</b>	<b>630.8</b>	<b>623.9</b>	<b>707.4</b>	<b>704.6</b>	<b>702.5</b>	<b>1182.9</b>	<b>1107.4</b>	<b>825.8</b>

# Selected historical financials of CEZ Group (EUR)



<i>EUR M</i>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Revenues</b>	<b>8,407</b>	<b>8,757</b>	<b>8,486</b>	<b>8,544</b>	<b>7,686</b>	<b>8,590</b>	<b>8,903</b>	<b>9,490</b>	<b>12,027</b>	<b>14,189</b>
Sales of electricity	7,240	7,586	7,286	4,337	4,295	4,591	4,945	5,674	6,901	8,340
Sales of services				3,179	2,495	2,975	2,979	2,804	3,140	3,524
Sales of gas, heat and coal and other income	1,162	1,171	1,200	1,029	896	1,025	979	1,012	1,986	2,325
<b>Operating Expenses</b>	<b>5,387</b>	<b>6,045</b>	<b>6,066</b>	<b>6,299</b>	<b>5,624</b>	<b>6,082</b>	<b>6,203</b>	<b>6,857</b>	<b>6,544</b>	<b>8,990</b>
Purchased power and related services	3,158	3,787	2,479	2,391	2,175	2,312	2,345	2,612	2,900	3,466
Fuel and emission rights	529	546	629	667	796	892	971	1,025	1,891	1,675
Salaries and wages	787	742	800	921	1,066	1,200	1,287	1,275	1,412	1,575
Other	912	975	2,158	2,270	1,587	1,679	1,600	1,946	341	2,275
<b>EBITDA</b>	<b>3,020</b>	<b>2,712</b>	<b>2,420</b>	<b>2,245</b>	<b>2,062</b>	<b>2,508</b>	<b>2,700</b>	<b>2,633</b>	<b>5,482</b>	<b>5,199</b>
<i>EBITDA margin</i>	<i>36%</i>	<i>31%</i>	<i>29%</i>	<i>26%</i>	<i>27%</i>	<i>29%</i>	<i>30%</i>	<i>28%</i>	<i>46%</i>	<i>37%</i>
Depreciation, amortization, impairments	1,487	1,512	1,337	1,229	1,237	1,408	2,175	1,962	1,245	1,678
<b>EBIT</b>	<b>1,537</b>	<b>1,208</b>	<b>1,087</b>	<b>1,066</b>	<b>825</b>	<b>1,100</b>	<b>525</b>	<b>671</b>	<b>4,246</b>	<b>3,521</b>
<i>EBIT margin</i>	<i>18%</i>	<i>14%</i>	<i>13%</i>	<i>12%</i>	<i>11%</i>	<i>13%</i>	<i>6%</i>	<i>7%</i>	<i>35%</i>	<i>25%</i>
<b>Net Income</b>	<b>933</b>	<b>854</b>	<b>608</b>	<b>792</b>	<b>437</b>	<b>604</b>	<b>229</b>	<b>412</b>	<b>3,362</b>	<b>1,233</b>
<i>Net income margin</i>	<i>11%</i>	<i>10%</i>	<i>7%</i>	<i>9%</i>	<i>6%</i>	<i>7%</i>	<i>3%</i>	<i>3%</i>	<i>28%</i>	<i>9%</i>
<b>Adjusted net income</b>	<b>1,229</b>	<b>1,154</b>	<b>817</b>	<b>862</b>	<b>546</b>	<b>787</b>	<b>950</b>	<b>929</b>	<b>3,266</b>	<b>1,450</b>
<i>Adjusted net income margin</i>	<i>15%</i>	<i>13%</i>	<i>10%</i>	<i>10%</i>	<i>7%</i>	<i>9%</i>	<i>11%</i>	<i>10%</i>	<i>27%</i>	<i>10%</i>
<i>EUR M</i>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Non current assets	20,726	20,542	20,384	20,326	20,013	20,909	19,659	19,763	22,996	22,524
Current assets	5,432	4,566	5,899	5,666	9,457	8,444	9,603	29,512	23,137	11,877
- out of that cash and cash equivalents	837	562	467	525	304	408	254	1,108	1,525	454
<b>Total Assets</b>	<b>26,158</b>	<b>25,108</b>	<b>26,279</b>	<b>25,992</b>	<b>29,470</b>	<b>29,353</b>	<b>29,266</b>	<b>49,280</b>	<b>46,133</b>	<b>34,401</b>
Shareholders equity (excl. minority. int.)	10,886	11,161	10,698	10,415	9,778	10,448	9,744	6,711	10,785	10,169
<i>Return on equity</i>	<i>9%</i>	<i>8%</i>	<i>6%</i>	<i>7%</i>	<i>4%</i>	<i>6%</i>	<i>2%</i>	<i>5%</i>	<i>38%</i>	<i>12%</i>
Interest bearing debt	7,670	6,561	6,991	6,428	6,707	7,161	6,324	5,745	8,052	7,037
Other liabilities	7,599	7,386	8,590	9,148	12,985	11,744	13,198	36,823	27,296	17,195
<b>Total liabilities</b>	<b>26,158</b>	<b>25,108</b>	<b>26,279</b>	<b>25,992</b>	<b>29,470</b>	<b>29,353</b>	<b>29,266</b>	<b>49,280</b>	<b>46,133</b>	<b>34,401</b>



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