

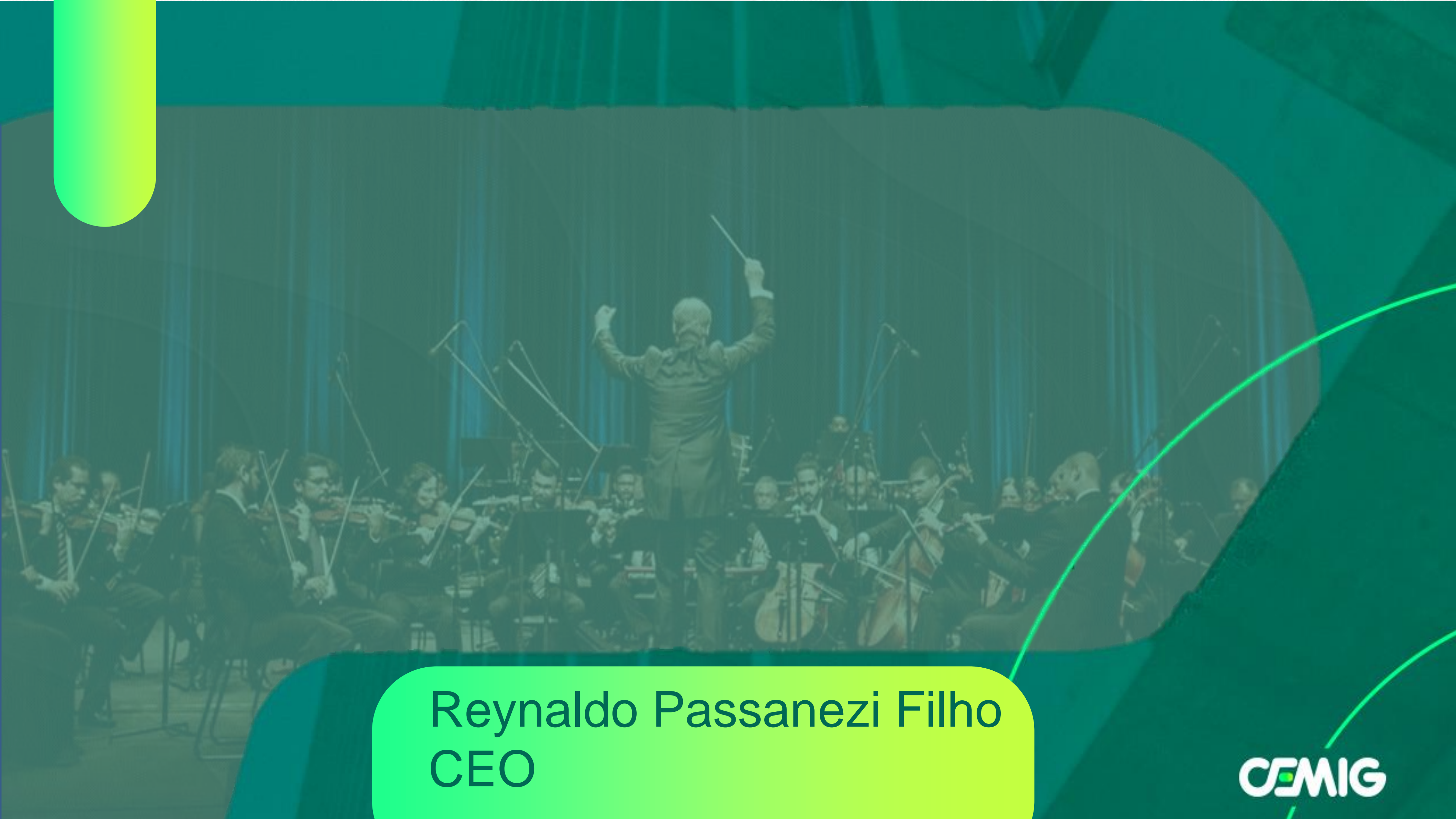
# CEMIG DAY

29<sup>TH</sup> INVESTOR MEETING

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**CEMIG**





Reynaldo Passanezi Filho  
CEO



- ✔ MANAGEMENT
- ✔ EFFICIENCY
- ✔ CAPEX INCREASE
- ✔ LEADERSHIP

# FOCUS ON EFFICIENCY AND CORE BUSINESS

## STRATEGY FOR 2009–2018

- ▼ **NON-COMPLIANCE WITH REGULATORY PARAMETERS OF OPERATIONAL EFFICIENCY, in excess of BRL 15.2 BILLION**
- ▼ **INVESTMENTS IN MINORITY HOLDINGS, OUTSIDE MINAS GERAIS - OVER BRL 39 BILLION, Destruction of value: BRL 14 BILLION**
- ▼ **INVESTMENT IN MINAS GERAIS: ABANDONED TOTAL INVESTED = LESS THAN REGULATORY DEPRECIATION**
- ▼ **LOSS OF CONCESSION OF THE PLANTS: São Simão, Jaguará, Miranda and Volta Grande, exceeding 50% of the installed capacity of 2,922 MW**

## STRATEGY SINCE 2019

- ▲ **FRAMEWORK IN THE PARAMETERS REGULATORY OPERATIONAL EFFICIENCY MEASURES, allowing full return of regulatory profitability**
- ▲ **DIVESTMENT OF MINORITY INTERESTS and non-core businesses, with cash recovery MORE THAN BRL13 BILLION**
- ▲ **LARGEST CAPEX PLAN IN HISTORY: BRL 49.2 BILLION FOR 2024-28; FOCUS ON REGULATED SECTORS**
- ▲ **FINANCIAL CAPACITY TO RENEW THE CONCESSIONS of Sá Carvalho, Nova Ponte and Emborcação with an installed capacity of 1,780 MW**

# FOCUS AND WIN:

2019/28

5

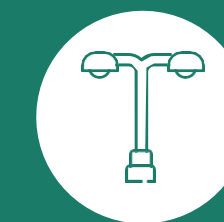
## LARGEST CAPEX PLAN IN HISTORY



**BRL 49.2\***  
**BILLION**

**INVESTMENTS IN 2019/2028**

\* BRL13.6 BILLION realized by 2023



**BRL 33.2 BILLION**  
**DISTRIBUTION**



**BRL 5.0 BILLION**  
**TRANSMISSION**



**BRL 3.6 BILLION**  
**GENERATION**



**BRL 2.2 BILLION**  
**NATURAL GAS**



**BRL 3.6 BILLION**  
**DISTRIBUTED SOLAR**  
**GENERATION**

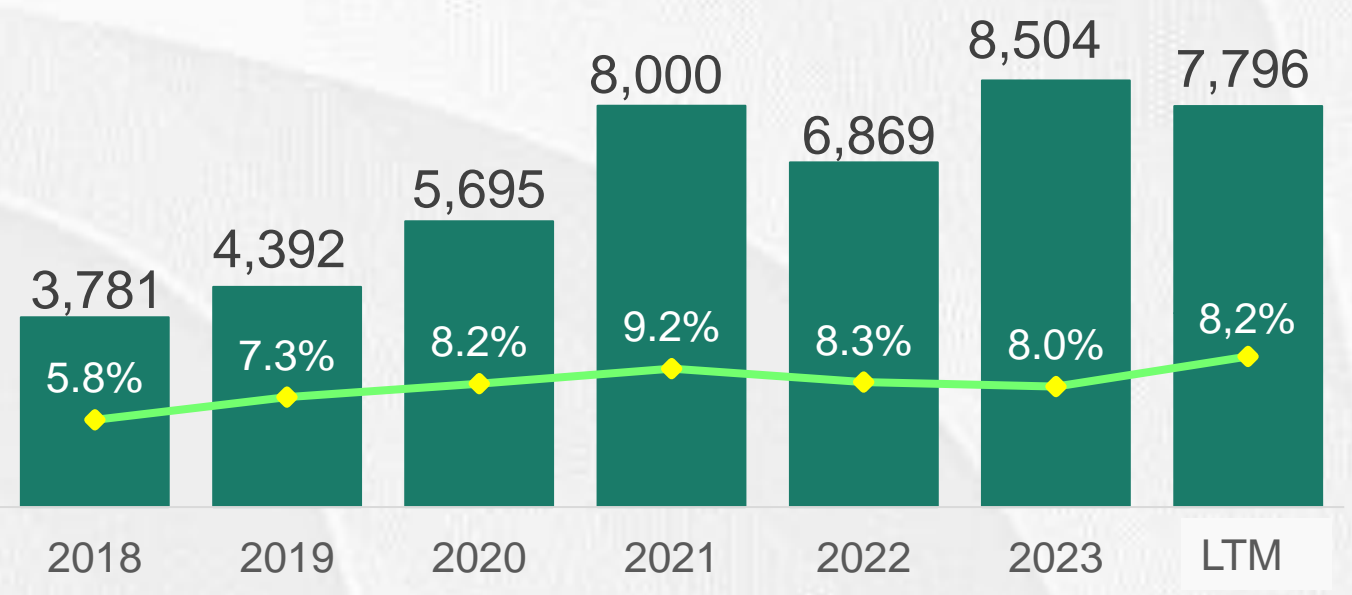


**BRL 1.6 BILLION**  
**INNOVATION & IT**

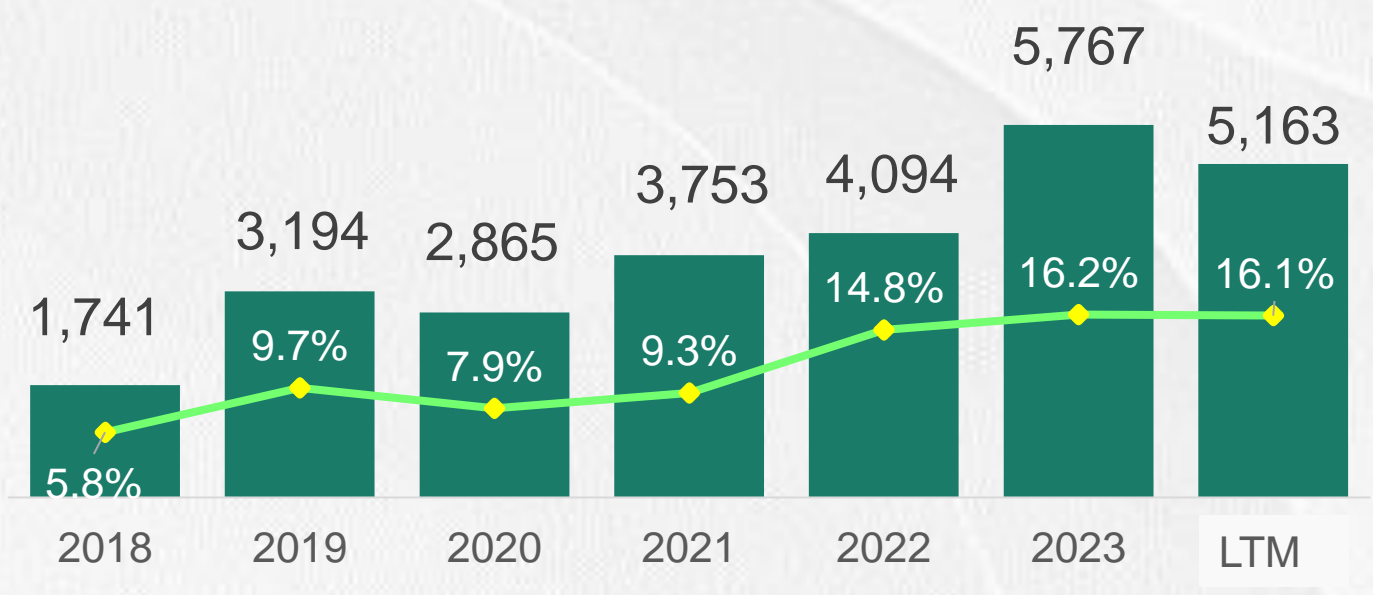
# TURNAROUND

## Improvement in all key physical and financial indicators

### EBITDA



### NET PROFIT

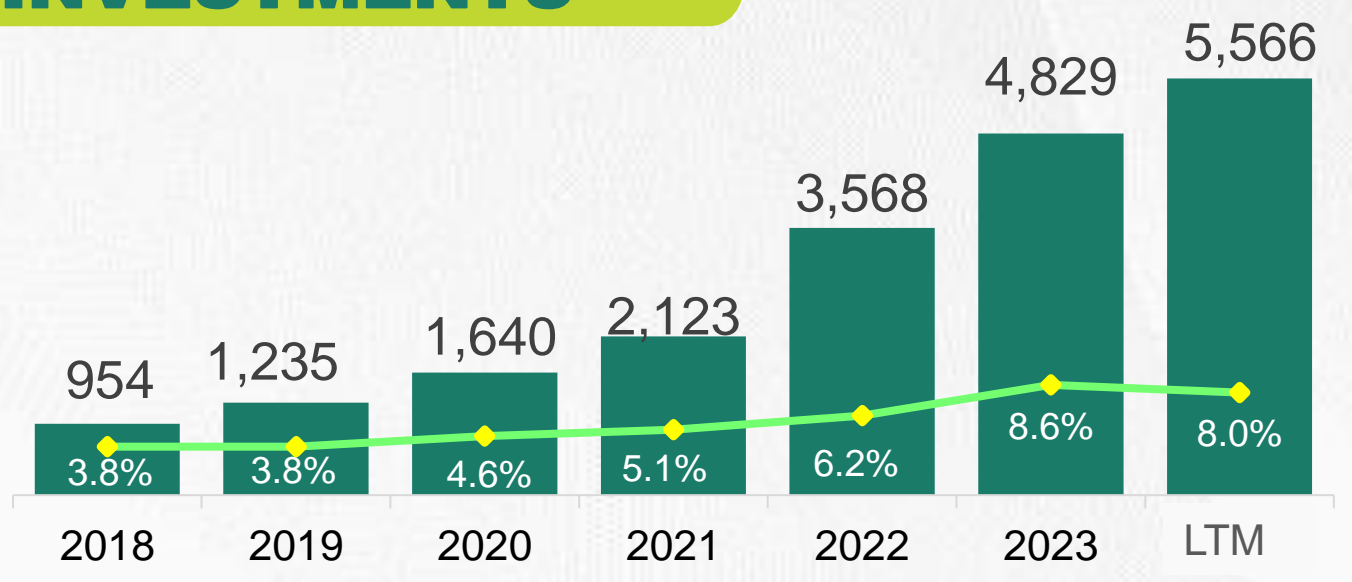


### NET DEBT/EBITDA



Ratings  
**AA+**  
Moody's FitchRatings S&P Global

### INVESTMENTS



% Relative to the energy sector

# SHARE APPRECIATION

**CMIG4 (PN):**  
**+394%**

**CMIG3 (ON):**  
**+457%**

**BRL 10.6  
BILLION**

MARKET VALUE  
AUGUST 2018

**BRL 35.3  
BILLION**

MARKET VALUE – AUGUST 16<sup>TH</sup>, 2024

**BRL 12.7 BILLION**

IN DIVIDENDS PAID SINCE 2019,  
INCLUDING ADDITIONAL DIVIDENDS  
TO BE PAID ON 08/30/24

## We are enthusiastic and confident about Cemig's future!

- ▲ **Discipline in Capital Allocation:** execution of the largest CAPEX plan in history
- ▲ **Operational efficiency:** discipline for costs reduction and improving the quality of spending
- ▲ **Modernization of governance:** simplicity and agility
- ▲ **Focus on the Client:** improvements in the quality-of-service
- ▲ **Leadership** in the free and retail market
- ▲ **Leading role in the energy transition,** with innovation and investment attraction





# CEMIG

C E M I G . C O M . B R

## Investor Relations

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# CEMIG DAY

29º ENCONTRO DE INVESTIDORES

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CEMIG



**RESULTS**

**2Q24**

**01**

Leonardo George de Magalhães

**CFO**

**CEMIG**

Certain statements and estimates in this material may represent expectations about future events or results which are subject to risks and uncertainties that may be known or unknown. There is no guarantee that events or results will occur as referred to in these expectations.

These expectations are based on the present assumptions and analyses from the point of view of our management, in accordance with their experience and other factors such as the macroeconomic environment, market conditions in the electricity sector, and expected future results, many of which are not under our control.

Important factors that could lead to significant differences between actual results and the projections about future events or results include: Cemig's business strategy, Brazilian and international economic conditions, technology, our financial strategy, changes in the electricity sector, hydrological conditions, conditions in the financial and energy markets, uncertainty on our results from future operations, plans and objectives, and other factors. Due to these and other factors, our results may differ significantly from those indicated in or implied by such statements.

The information and opinions herein should not be understood as a recommendation to potential investors, and no investment decision should be based on the veracity, currentness or completeness of this information or these opinions. None of our staff nor any party related to any of them, or their representatives shall have any responsibility for any losses that may arise as a result of use of the content of this presentation.

To evaluate the risks and uncertainties as they relate to Cemig, and to obtain additional information about factors that could give rise to different results from those estimated by Cemig, please consult the section on *Risk Factors* included in the *Reference Form* filed with the Brazilian Securities Commission (CVM) – and in the *20-F Form* filed with the U.S. Securities and Exchange Commission (SEC).

In this material, financial amounts are in **R\$ million (R\$ mn)** unless otherwise stated. Financial data reflect the adoption of **IFRS**.



## Consistent results offer attractive shareholder returns

- o IoC declared in the amount of **R\$430 million** in June 2024



## **R\$1.9 billion** in Operational cash generation of in 2Q24

- o Recurring Ebitda increases 2.0% (2Q24/2Q23)



## Tax provisions reversal amounted to **R\$584 million**

- o Favorable court decision related to social security contributions on the profit sharing



## Cemig T – Investments fully recognized in the Tariff Review

- o Reconciled Rap approved for the 2024-2025 adjustment cycle at **R\$1.2 billion**

# Investment program –execution



Realized investments in 1H24 totaled **R\$2,446 million**



## Distribution

**R\$1,961 million**

Investment in modernization and maintenance of the electricity system

2024 Target – to invest **4X** to **QRR**



## Transmission

**R\$105 million**

Reinforcements and improvements with increase in RAP



## Generation

**R\$57 million**

Expansion and modernization of generation plants



## Gas

**R\$118 million**  
Infrastructure and other



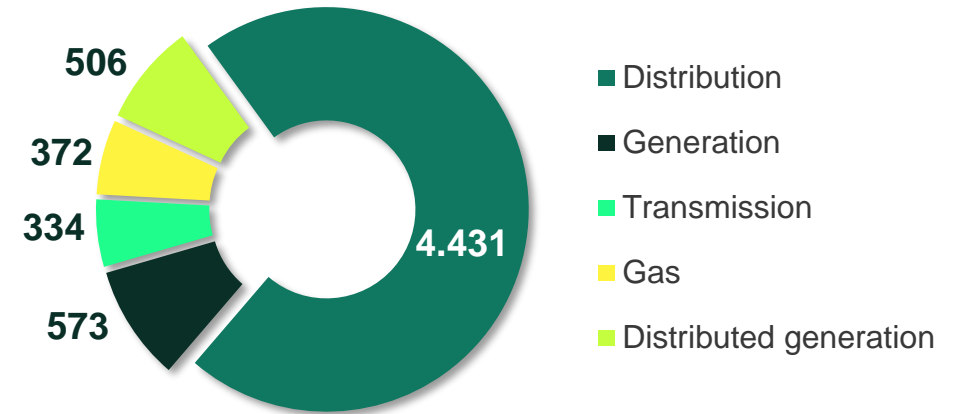
## Distributed generation

**R\$205 million**  
Infrastructure and other

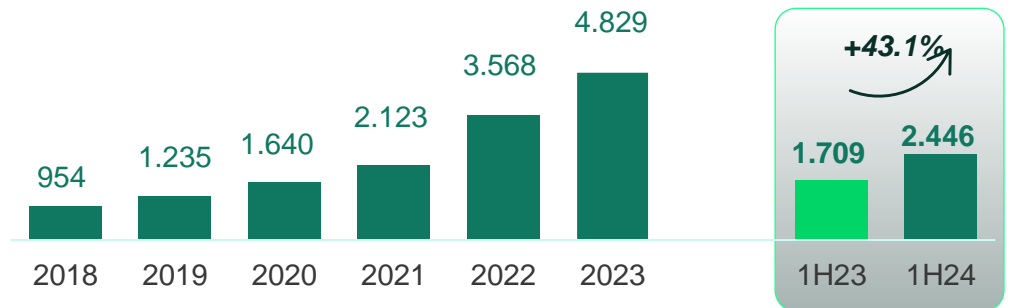


## Planned, 2024

Investment of **R\$6,216 million**



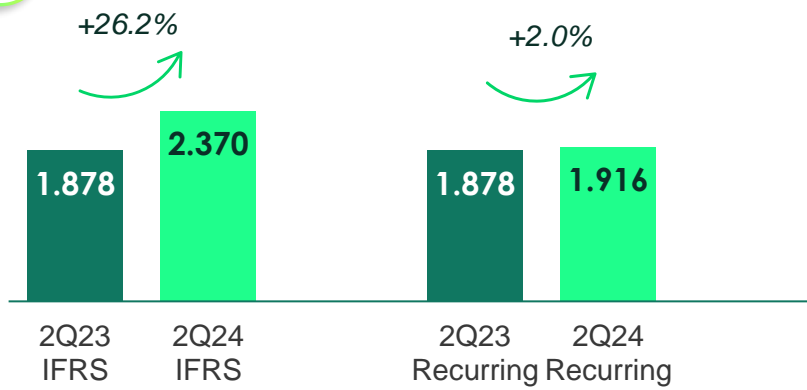
## Investment execution



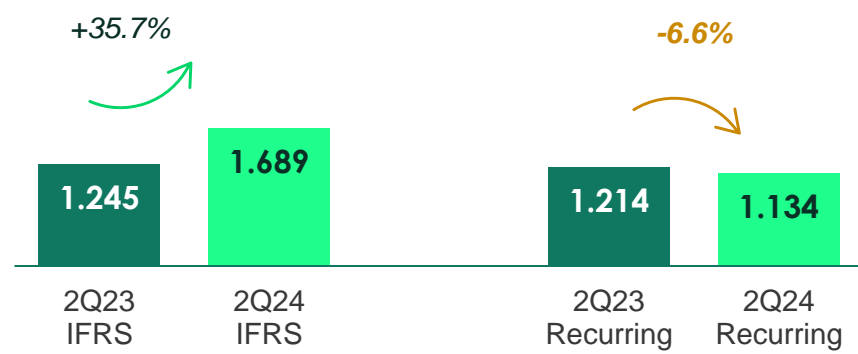
# Consolidated 2Q24 results



## EBITDA



## NET PROFIT

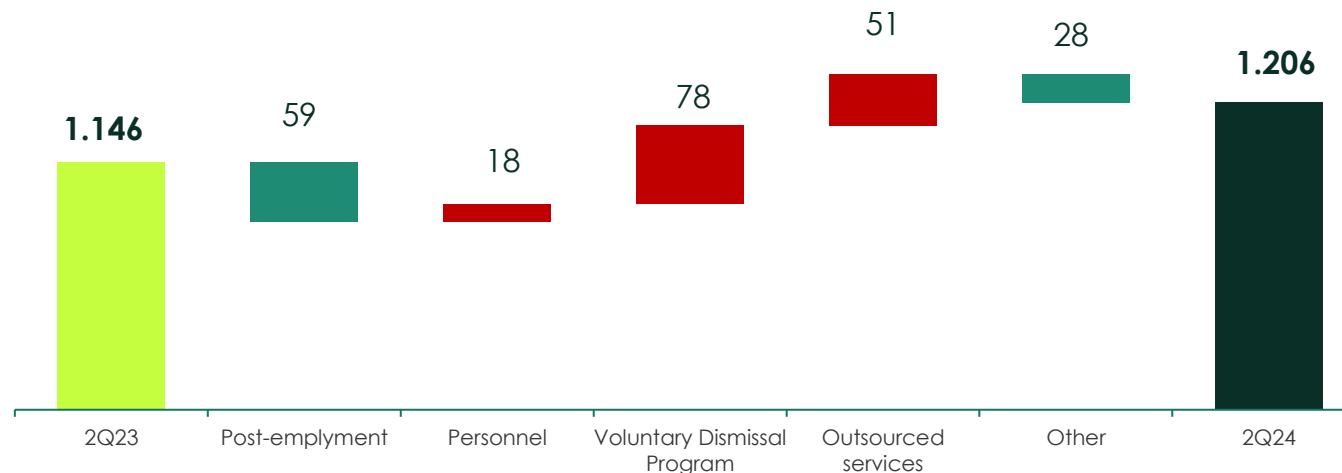


R\$ million	EBITDA		NET PROFIT	
	2Q23	2Q24	2Q23	2Q24
<b>IFRS</b>	<b>1,878</b>	<b>2,370</b>	<b>1,245</b>	<b>1,689</b>
Tax provisions reversal - INSS (Social Security tax) on PLR	-	-584	-	-385
Voluntary Dismissal Program - PDV	-	78	-	51
Reversal of amounts to be refunded to consumers PIS/Cofins	-	-	-	-271
Civil Provision - Purchase and sale of energy	-	52	-	35
Lawsuit related to PAT (Worker's Meal Program)	-	-	-	-80
FX exposure – Eurobond hedge	-	-	-31	95
<b>RECURRING</b>	<b>1,878</b>	<b>1,916</b>	<b>1,214</b>	<b>1,134</b>

# 2Q24: Consolidated operational costs and expenses



**PMSO costs evolution, excluding the 1.7% effects of Voluntary Dismissal Program-PDV (5.6% without PDV exclusion)**



- The Voluntary Dismissal Program - **PDV** added **357** employees at a cost of **R\$78 million**
- Higher expenses related to **third parties** for maintenance & conservation of electrical equipment
- **Other expenses** – Mainly due to **R\$38 million** lower regulatory compensations paid to clients -**REN-1000** ( Aneel Resolution 1,000)

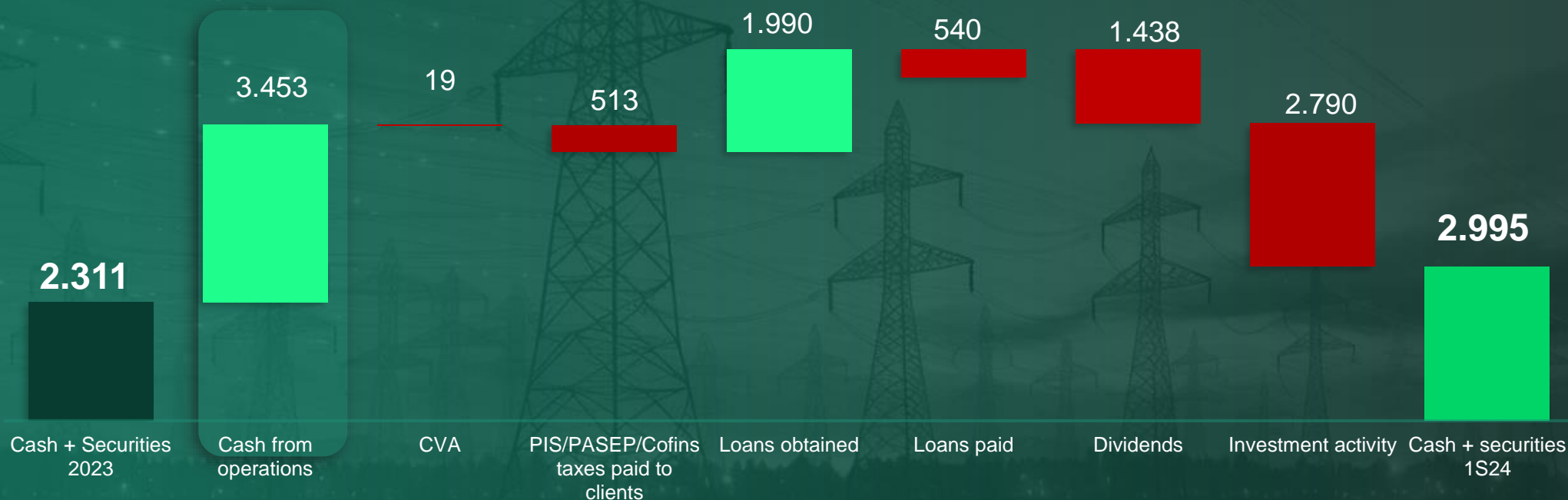


# Consolidated Cash Flow – 1H24



R\$ million

Cash generation allows execution of the investment plan and debt management



# Consolidated Debt profile

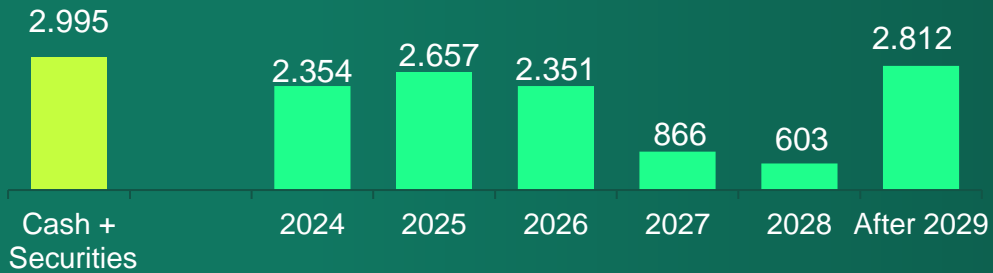


Current leverage level enables the execution of the investment program and attractive investment policy

## Maturities timetable

Average tenure 3.4 years

Net debt (Debt – Cash and securities): R\$8.6 billion  
Total Net debt (Net debt – Hedge): R\$8.0 billion



Debt in USD is protected by hedge converting FX variation within a band to % of Brazilian CDI rate

## Cost of debt %

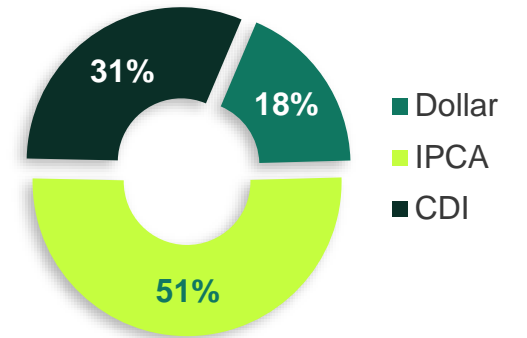


## Ratings

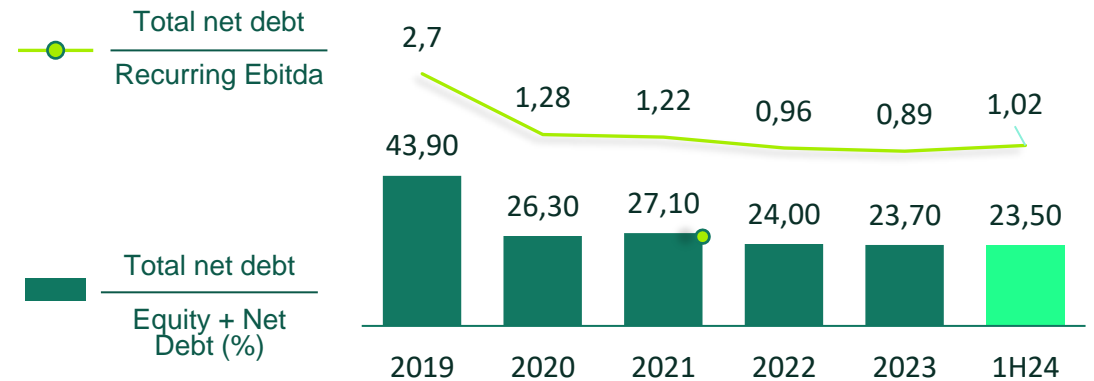
**AA+**

MOODY'S FitchRatings S&P Global

## Main Indexers



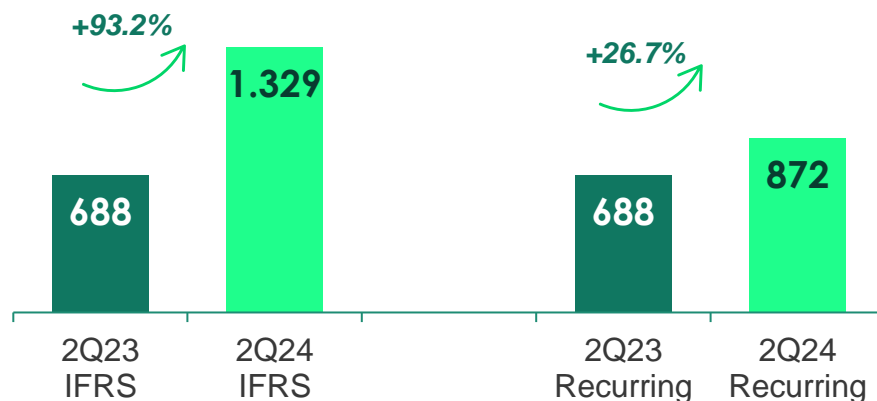
## Leverage



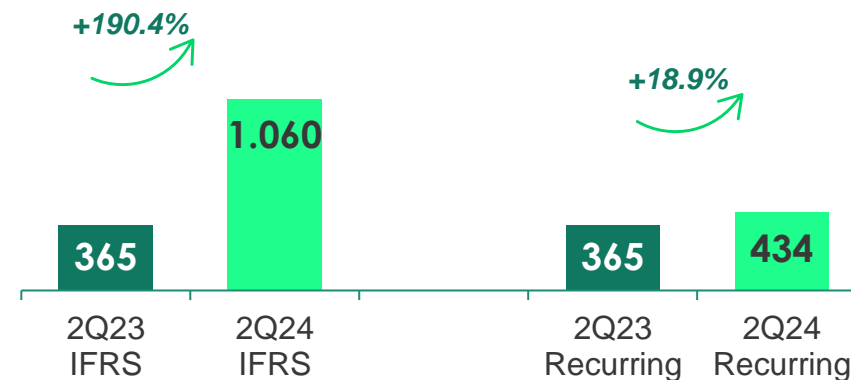
# Cemig D – 2Q24 RESULTS



## Ebitda



## NET PROFIT



R\$ million

IFRS

Tax provisions reversal - INSS (Social Security tax) on PLR

Voluntary Dismissal Program - PDV

Reversal of amounts to be refunded to consumers PIS/Cofins

Lawsuit related to PAT (Worker's Meal Program)

RECURRING

### EBITDA

	2Q23	2Q24
IFRS	688	1.329
Tax provisions reversal - INSS (Social Security tax) on PLR	-	-513
Voluntary Dismissal Program - PDV	-	56
Reversal of amounts to be refunded to consumers PIS/Cofins	-	-
Lawsuit related to PAT (Worker's Meal Program)	-	-
RECURRING	688	872

### NET PROFIT

	2Q23	2Q24
IFRS	365	1.060
Tax provisions reversal - INSS (Social Security tax) on PLR	-	-339
Voluntary Dismissal Program - PDV	-	37
Reversal of amounts to be refunded to consumers PIS/Cofins	-	-271
Lawsuit related to PAT (Worker's Meal Program)	-	-53
RECURRING	365	434

## Tariff adjustment

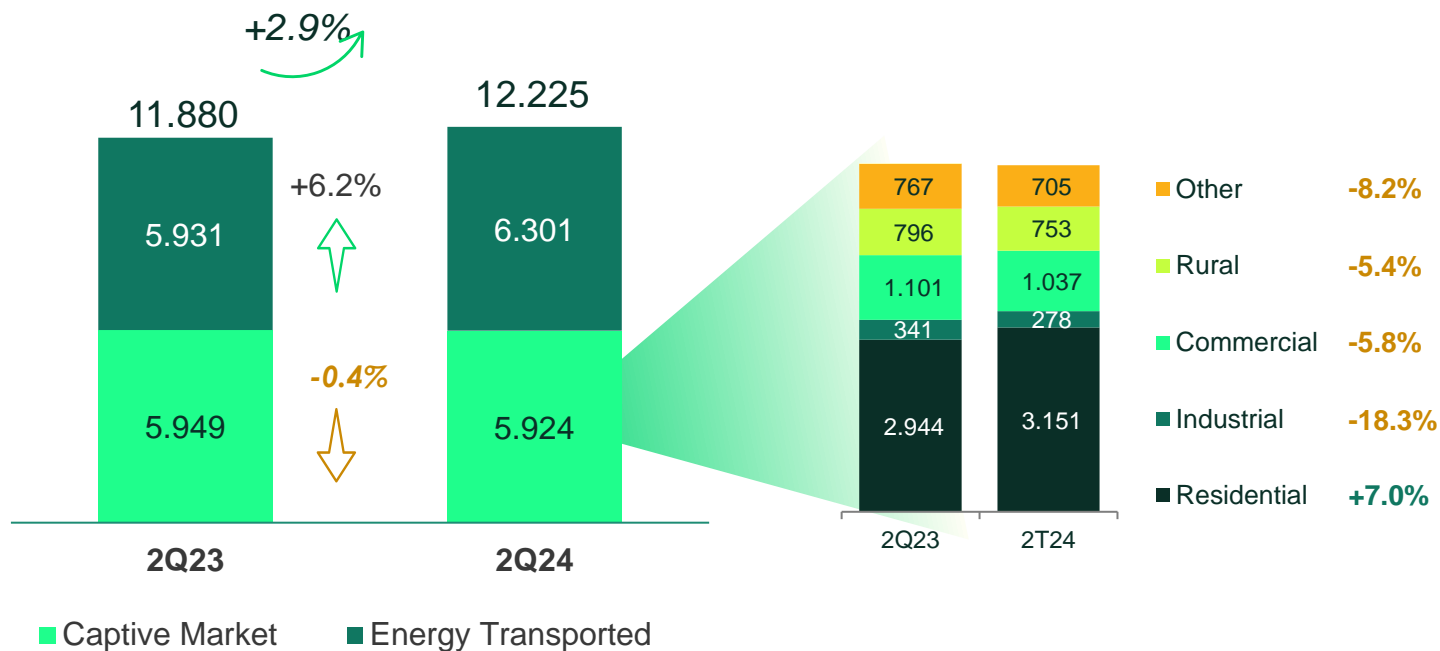
May 28<sup>th</sup>, 2024

Effects of the tariff adjustment already impacted 2Q24

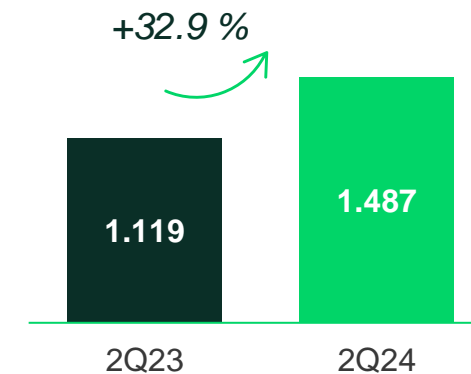
# Energy market – Cemig D

*Strong market growth in 2Q24*

## Cemig D: Billed market + transmission for clients (GWh)



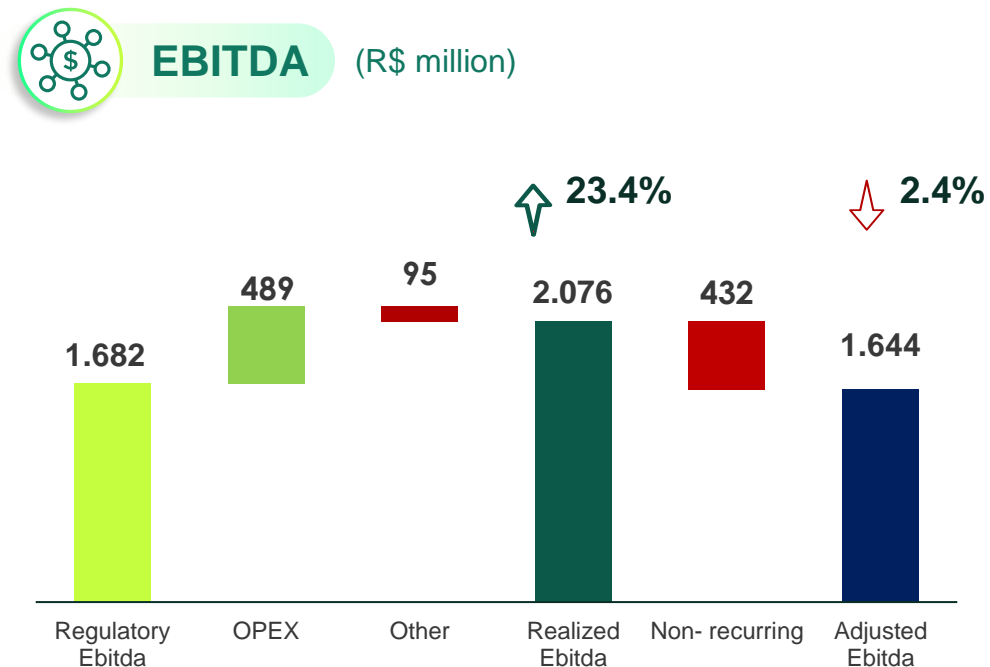
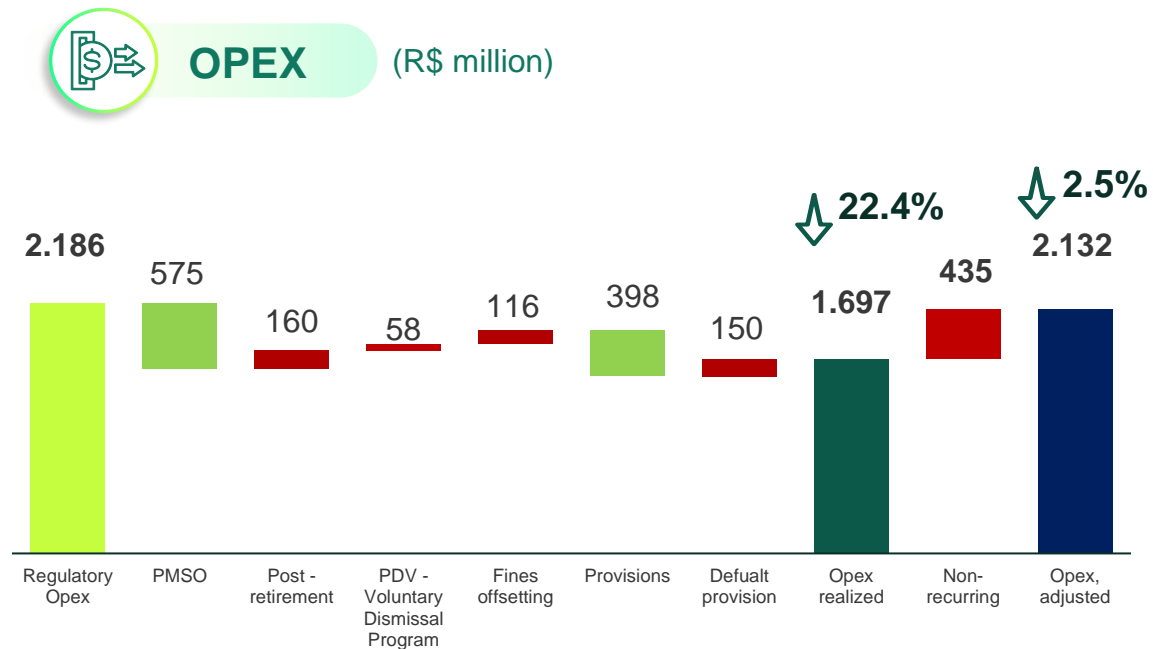
## Distributed Generation -GWh injected



**5.5%** Total market growth, excluding mini and micro effects on distributed generation

# Operational efficiency – Cemig D

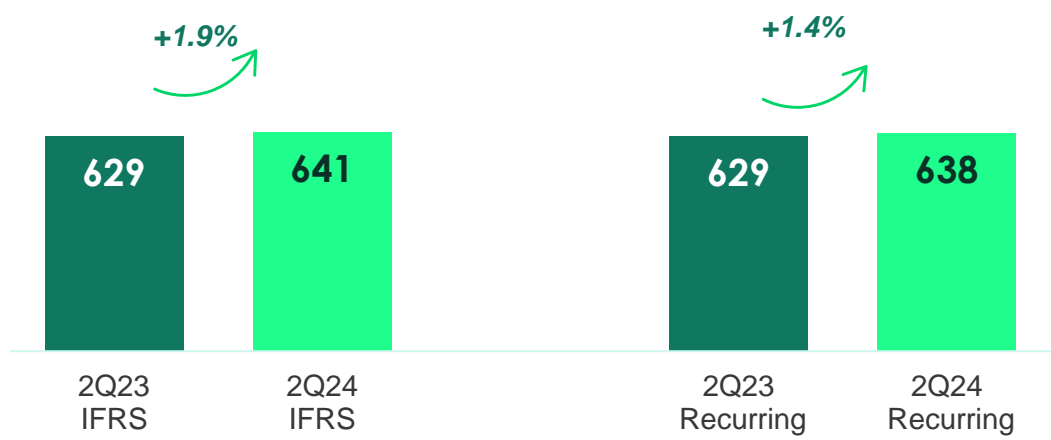
We remain within the regulatory Opex after excluding non-recurring effects



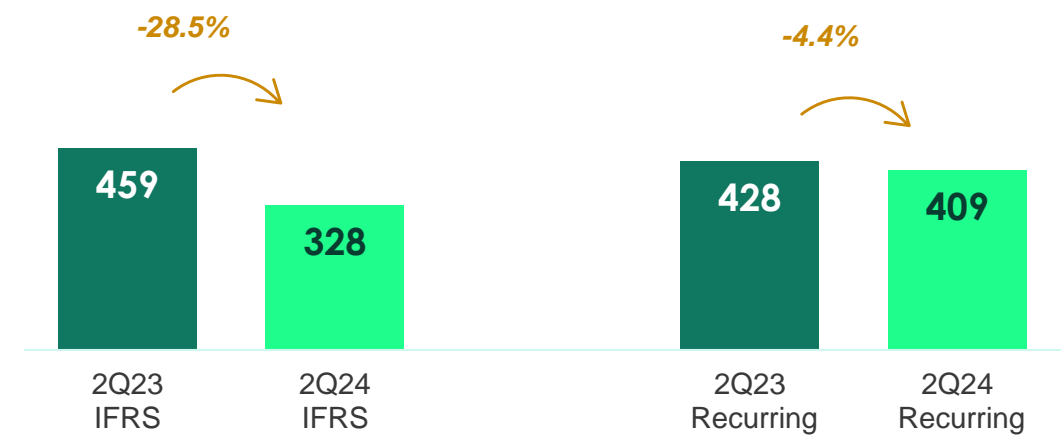
Implementation of initiatives to ensure that indicators remain within the limit established by the regulator

# Cemig GT –2Q24 results

## EBITDA



## NET PROFIT



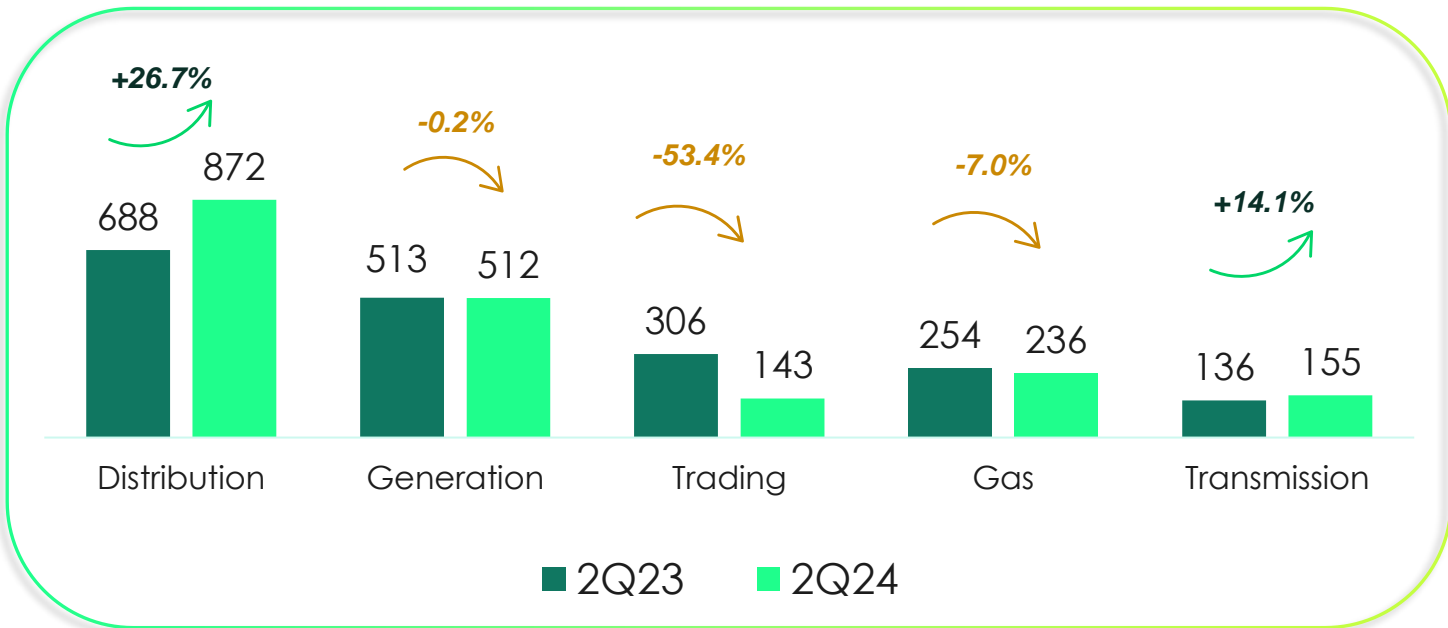
R\$ million	EBITDA		NET PROFIT	
	2Q23	2Q24	2Q23	2Q24
<b>IFRS</b>	629	641	459	328
Tax provisions reversal - INSS (Social Security tax) on PLR	-	-71	-	-47
Voluntary Dismissal Program - PDV	-	15	-	10
Civil Provision - Purchase and sale of energy	-	53	-	35
Lawsuit related to PAT (Worker's Meal Program)	-	-	-	-13
FX exposure – Eurobond hedge	-	-	-31	96
<b>RECURRING</b>	629	638	428	409



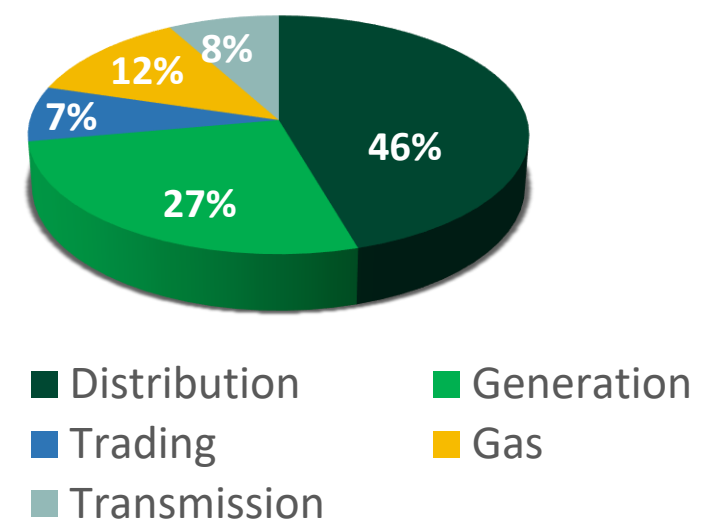
# Recurring Ebitda per segment

Financial data related to the company's main activities

## Quarterly comparison



## % Ebitda



## Consumption by category



**91.7%**

INDUSTRIAL



**1.3%**

RESIDENTIAL



**2.6%**

COMMERCIAL



**2.7%**

VNG  
natural gas  
vehicle

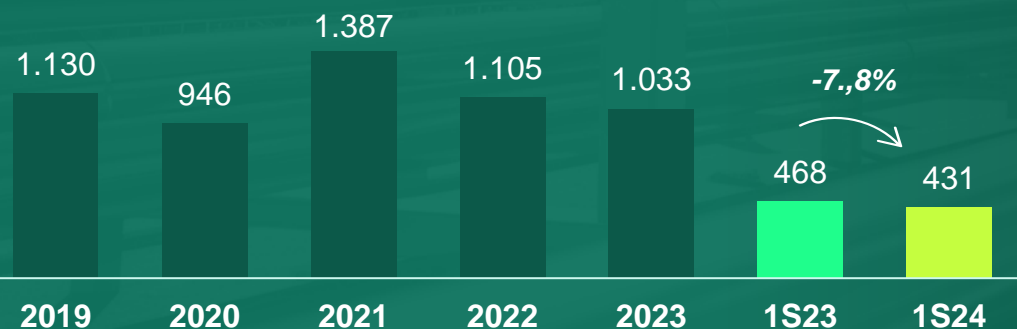


**1.6%**

Co-  
generation

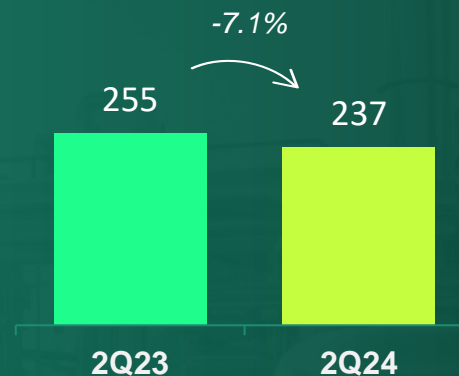
## Natural gas volume - sold

million m<sup>3</sup>



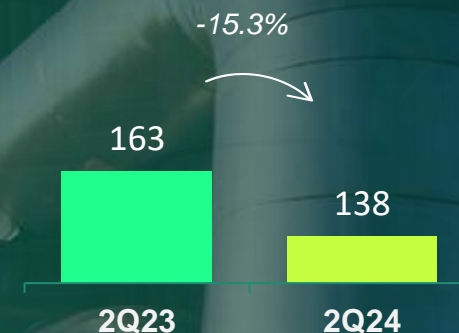
## Ebitda

R\$ million



## NET PROFIT

R\$ million



## Results were affected by



- ✓ Lower industrial volume consumed
- ✓ 2Q23 was positively impacted by the tariff compensation component (R\$24 million)





## *Achieved*

Strengthening Cemig D's investment program

Divestment of holdings with complexities

Management of bonds' liability

Maintaining Opex within regulatory limit



## *In progress*

Implementing initiatives to comply with non-technical losses within regulatory level

Divestment of minority holdings

Digital transformation and investment in technology

Focus on being leaders in energy retail trading

To comply with DEC Outage indicator per set



## *Future challenges and opportunities*

Renewals of generation concessions

Technologies for energy transition

The logo for CEMIG, featuring the letters 'CEMIG' in a bold, white, sans-serif font. The letter 'E' is stylized with a yellow-to-green gradient fill. The background is a dark teal color with a faint image of power lines and towers.

## Investor Relations

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ri@cemig.com.br  
www.ri.cemig.com.br

# CEMIG DAY

29<sup>TH</sup> INVESTOR MEETING

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**CEMIG**





Marney Tadeu Antunes

VP – Distribution

**CEMIG**



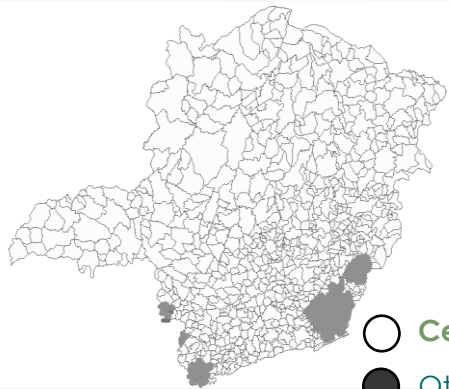
01

# CEMIG D (DISTRIBUTION) IN NUMBERS



## Minas Gerais

- Brazil's 3rd-largest GDP (after SP and RJ)
- Brazil's 2<sup>nd</sup> most populous state (10% of Brazil's population)
- 4th-largest State (bigger than France / Spain)



- Cemig's concession area
- Other distributors



### 1st in Electricity distribution

Cemig's lines and networks, together, would go round the world 14 times



### History: 72 years

Founded 1952 by Pres. Kubitschek



### More than 9 million consumers

Largest in Brazil



### Serves 774 municipalities

Present in 96% of the State



### Concession area: 567,400 km<sup>2</sup>

Bigger than the size of France



02

Strategy

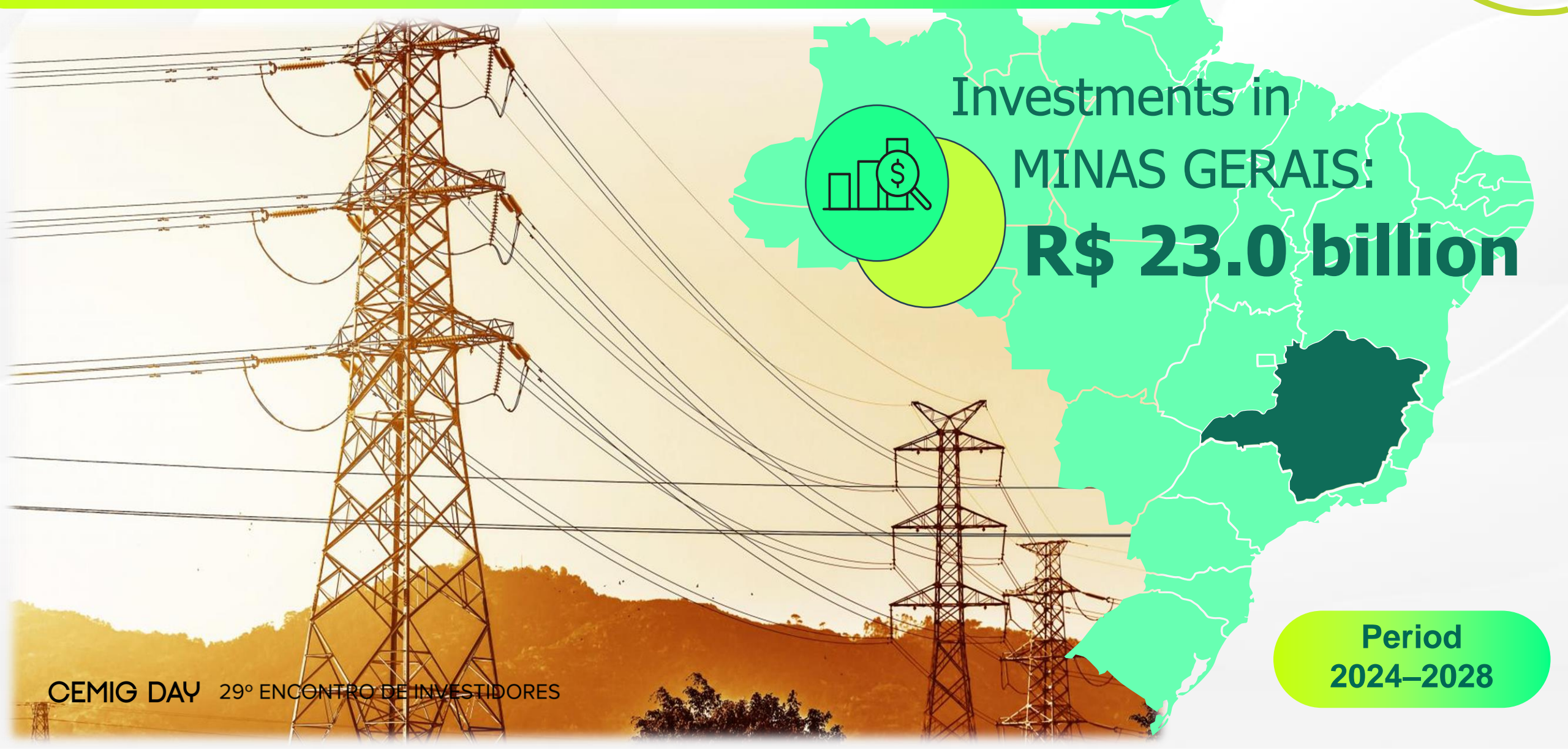
CEMIG DAY 29<sup>TH</sup> INVESTOR MEETING

**CEMIG**

- 
- ✓ Focus on the **Client**
  - ✓ Optimize **revenue management**
  - ✓ Combat **losses**, improve **collection**
  - ✓ Increase **operational efficiency**, applying **innovative** and **technological** solutions
  - ✓ Induce **expansion of the market**  
– with **increase in investments**



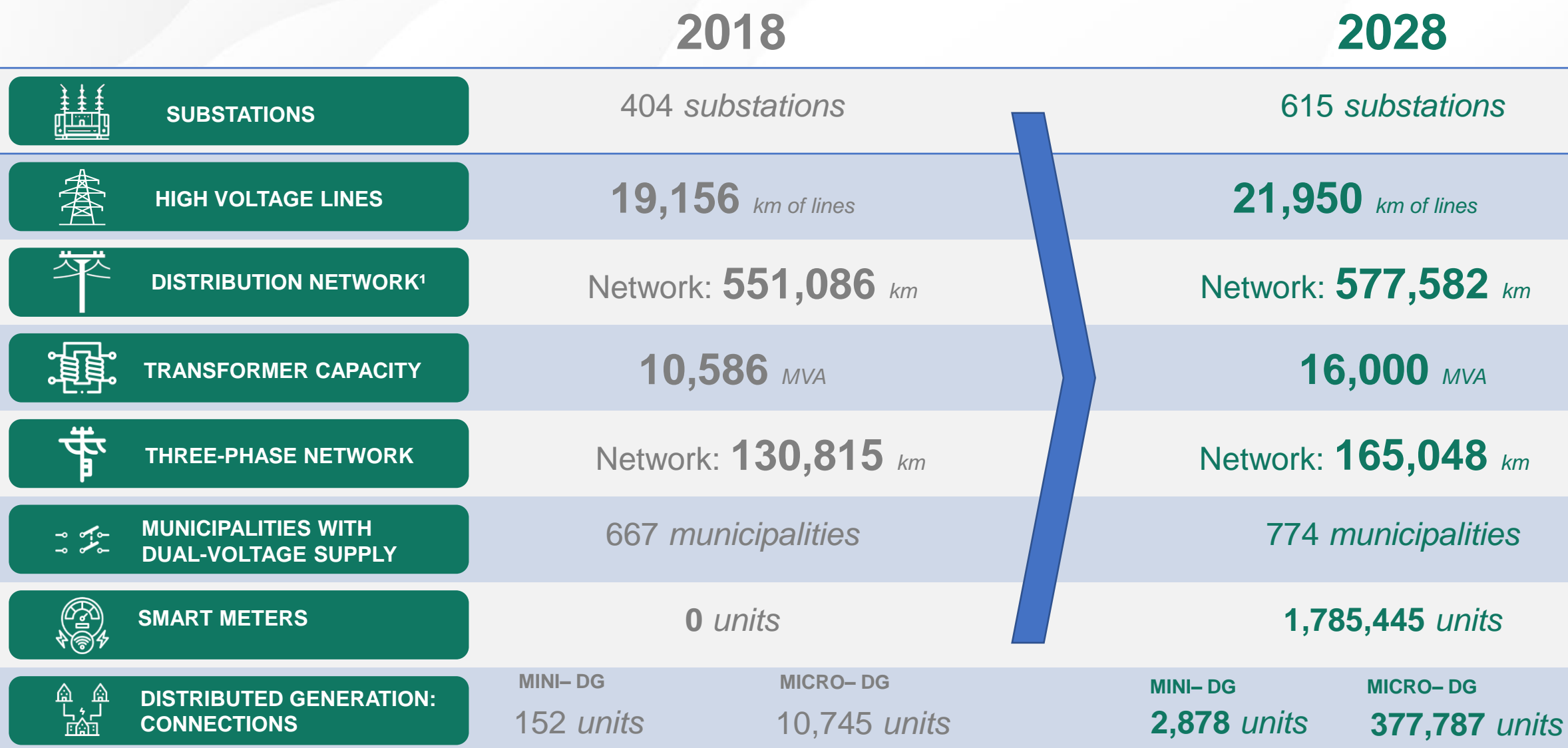
# Largest investment plan in **Cemig's** history...



Investments in  
MINAS GERAIS:  
**R\$ 23.0 billion**

**Period  
2024–2028**

# Cemig D's physical numbers – 2018 to 2028



Source: Cemig internal data – ED/PS, PC, EM/PE.

(1): Includes that parts of the Distributed Generation network which after connection become part of the assets of Cemig D.



03

Operational efficiency

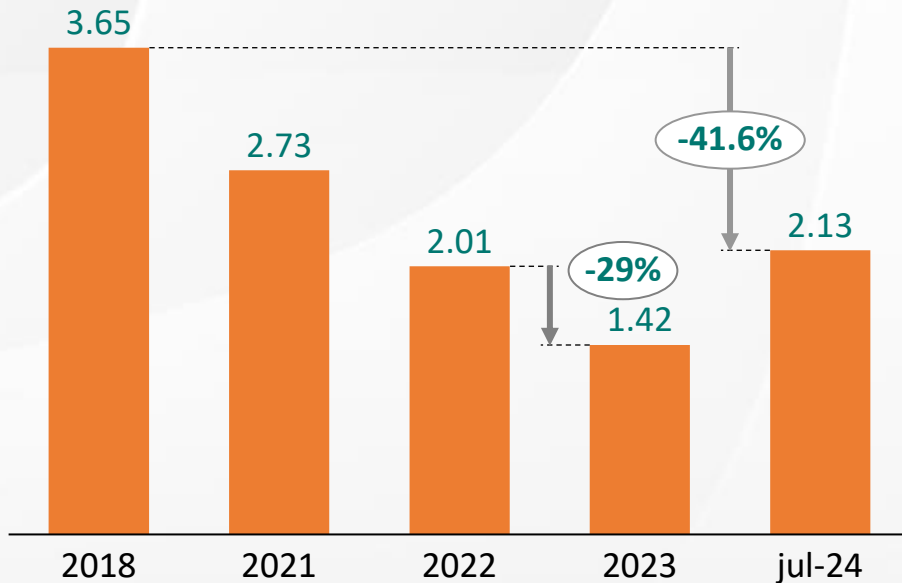
**CEMIG**

# Results

## Commercial management: Collection, default

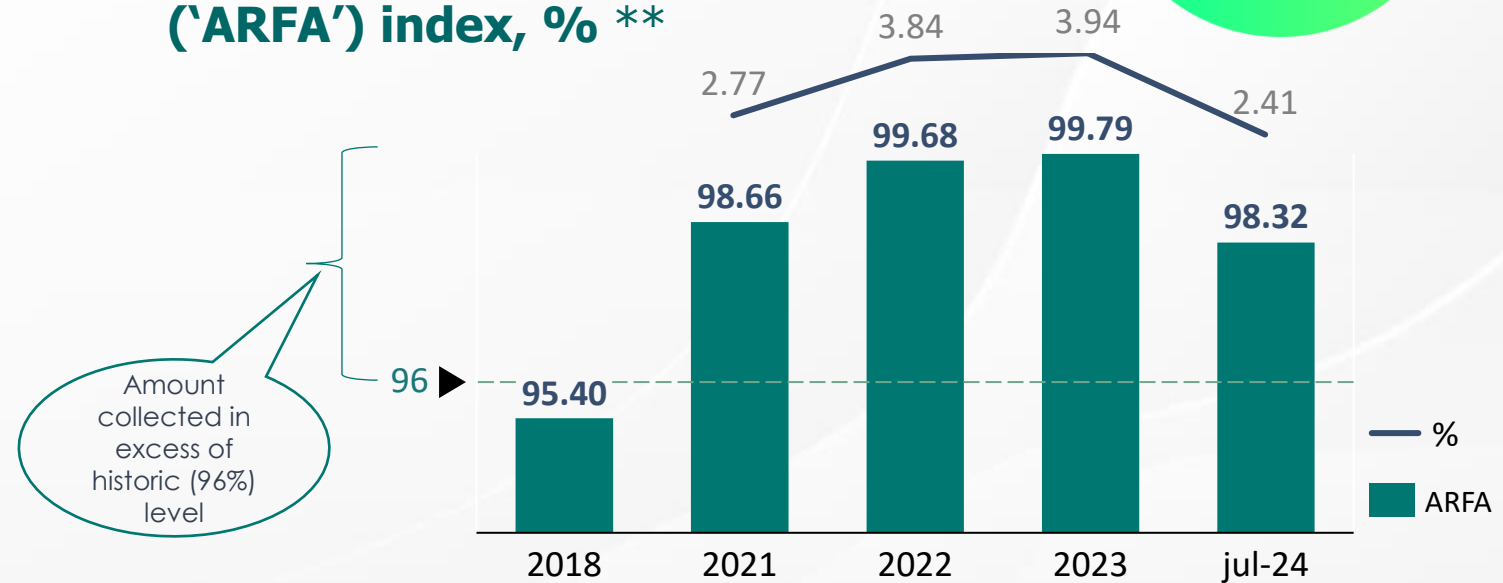
Additional R\$ 3.24 bn collected over 2021–24 – compared to the historic collection level (96%)

**Default\***  
% of Gross Revenue



\* “Abradee 90” criterion (avg. over 90 days / 12-month Gross revenue).

**Collection/Billing ('ARFA') index, % \*\***



\*\* Collected in last 12 months / Billing of prior 12-month period

	R\$ bn	2021	2022	2023	Jul-24
Collection – Actual		25.94	25.43	25.09	27.67
Collection – 96%		25.24	24.49	24.13	27.02
Additional collection		0.70	0.94	0.96	0.65

**Additional collection R\$ 3.24 billion**



# Results

## Commercial Management: Energy losses

Total energy losses in distribution within regulatory limits

Gain of R\$ 1.17 billion since 2021

### Losses (%) in 12-month periods - Billed market

% of energy injected



Losses lower than regulatory threshold since 2021. Small non-compliance in 2024. Recovery of compliance expected: Sep. 2024.

**Total gain**  
R\$ 1.17 billion

\* Values for July 2024 are preliminary – may alter after CCEE figures released.

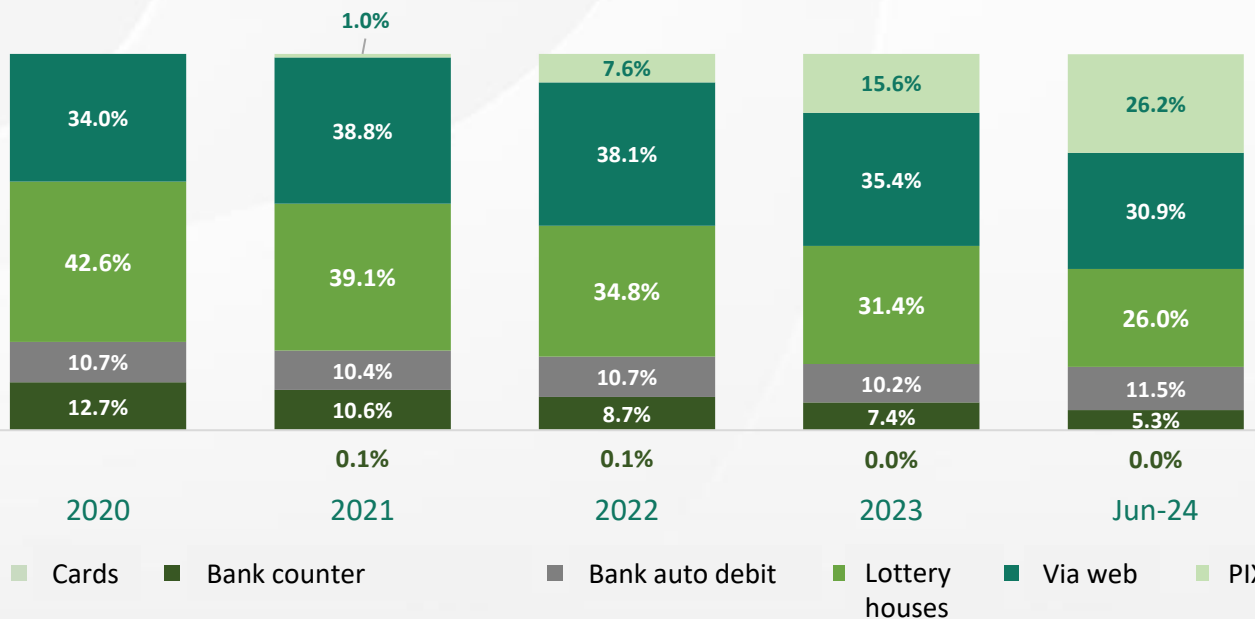


# Results

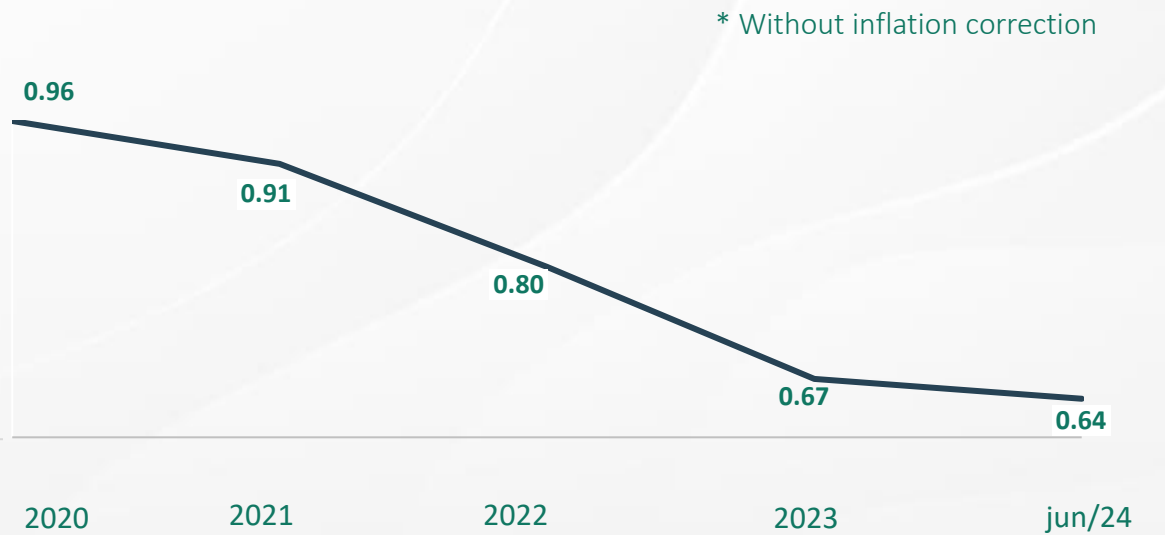
## Commercial management: Collection channels

Use of **PIX** now exceeds use of **lottery agents**.  
**69%** of collection is now through **digital channels** – saving **R\$25 million** since 2021

AMOUNT COLLECTED, BY CHANNEL (% OF TOTAL)



Average cost of collection (R\$)\*

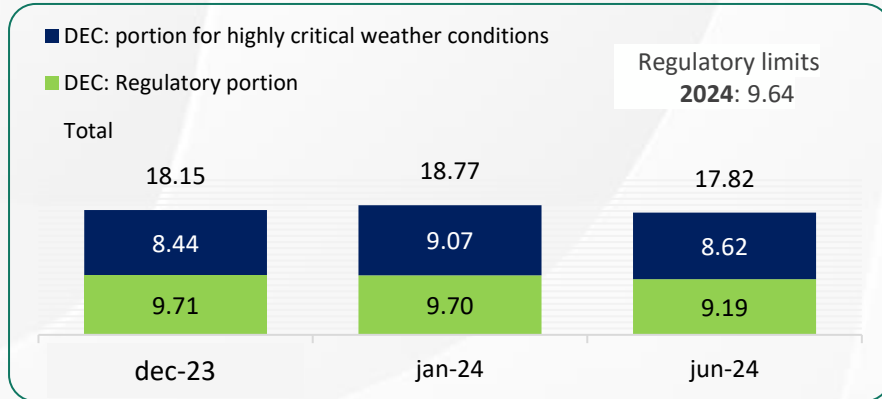


# Results

## Outage indicators (DEC, PCADEC, TMI)

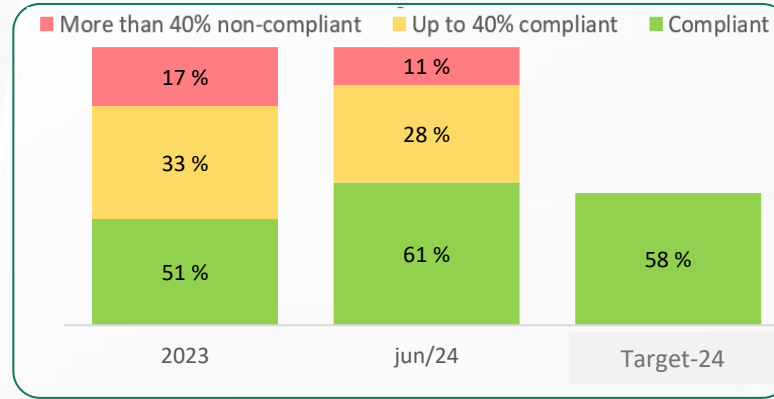
**100% inspection program** > proportionately **higher preventive maintenance costs**  
 > improving the company's **quality indicators**

### GLOBAL OUTAGE TIMES



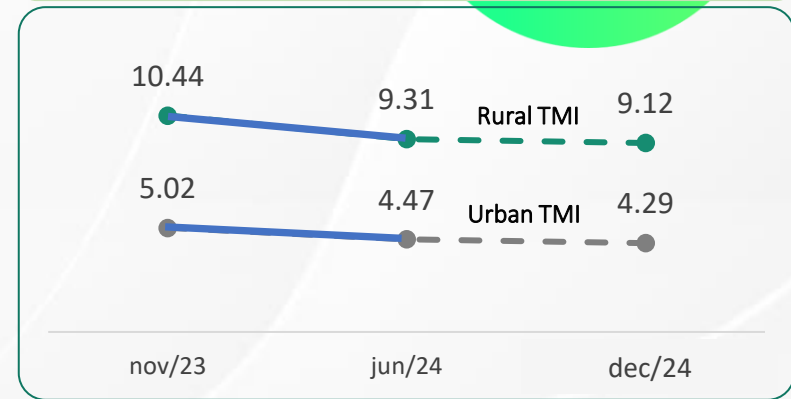
DEC = Average Outage Duration per Consumer

### Outage breakdowns - sub-areas profile



PCADEC = % of concession sub-areas compliant with regulatory DEC.

### Cemig: average outage time (AOT = TMI)



TMI = Average outage time (*Tempo Médio de Interrupção*.)



#### PREVENTIVE MAINTENANCE

Budget strengthened



#### READINESS

151 **new** emergency teams ready for instant action



#### CLEANING OF POWER LINE PATHWAYS

42,700 km of pathways cleaned (21% more than in 2023)



#### RECLOSERS INSTALLED

1,240 single-phase reclosers  
 2,053 three-phase reclosers  
 1,000 illumination failure locators



#### POWER SYSTEM IMPROVEMENT WORKS

~R\$ 1.2 bn – medium-voltage works  
 800 km of new high-voltage lines  
 38 new substations  
 Satellite communication: 1,000 BGAN (Broadband Global Area Network) terminals  
 5,300 VHF Radios



#### URBAN TREE PRUNING

581,000 prunings executed (6% more than in 2023)



#### RURAL WORKFORCE PERFORMANCE

More than 9,000 staff working on buildup



#### NETWORK INSPECTIONS

Urban and rural networks: 141,000 km



04

Market

**CEMIG**



# Market

# Distributed generation

Cemig has connected approximately **270,000 D.G. units** – a total of **3.69 GW**

**POTENTIAL FOR >7GW BY 2027**  
**(1.5X PRESENT RESIDENTIAL DEMAND)**

**22% of BRAZIL's MINI-Distributed Generation**  
**10% of BRAZIL's MICRO-Distributed Generation**



**29.59 GW**  
Installed capacity

**2.6 million**  
Units

37% higher than second-placed entity

Source: Aneel – SISGD. June 28, 2024.



**Minas Gerais:**  
DG: 12% of Brazil's  
installed capacity, and  
number of units

**CEMIG INVESTMENT SINCE 2018:**  
**>R\$ 2.4 BN**



**2.057 GW**  
Installed capacity  
**227,000**  
Units

**3rd**



**2.692 GW**  
Installed capacity  
**207,000**  
Units

**2nd**



**3.691 GW**  
Installed capacity  
**271,000**  
Units

**1st**



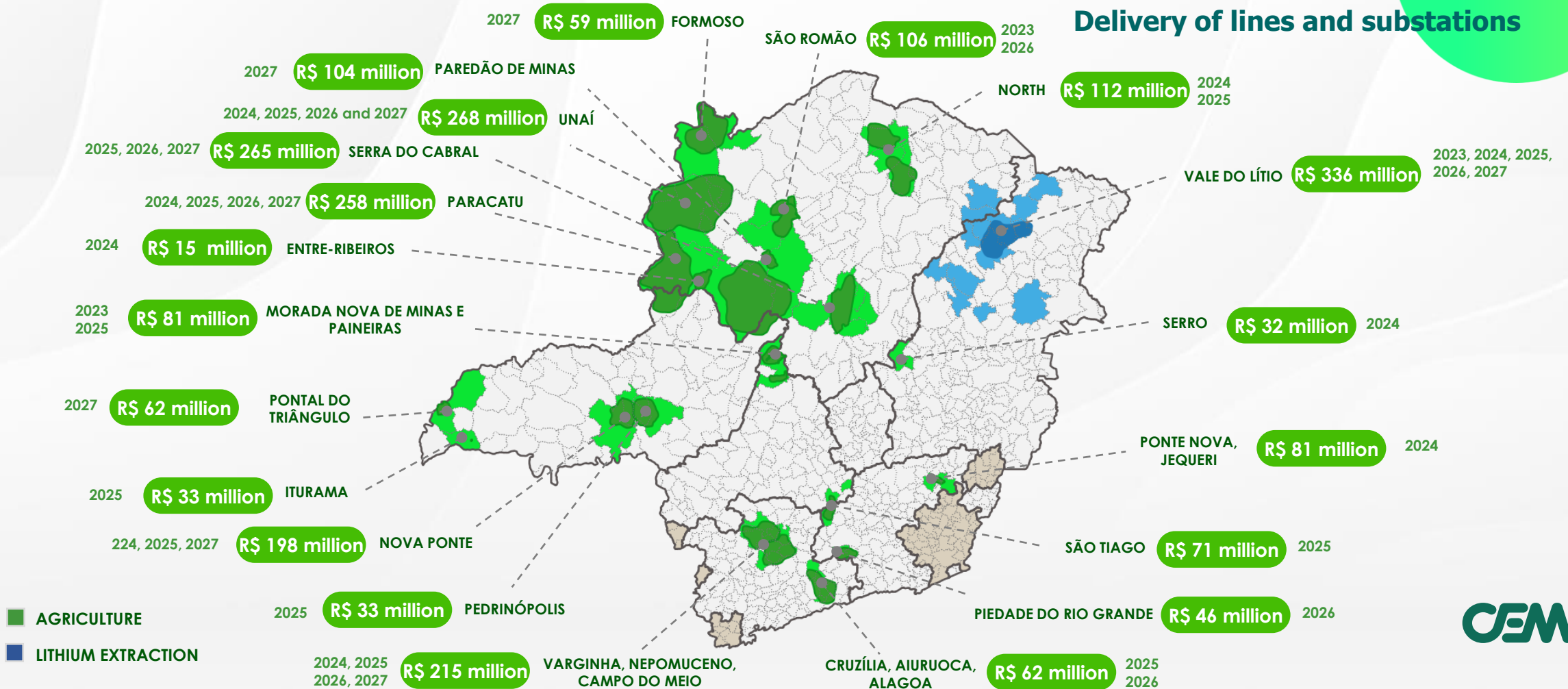
# Market

## Rural clients: Agribusiness hub expansion

### Agribusiness hubs

**EXPANSION: R\$ 2.45 billion**  
(2023 – 2027)

### Delivery of lines and substations



# Market

## Rural Clients | Three-phase program

### OBJECTIVES

- **Agriculture** and irrigation: more **energy** and **development**
- Networks: better **operational flexibility** and **reliability**

### TARGET PUBLIC

- **Rural clients** and **municipal districts** previously served by single-phase networks
- **6,014 km** built by June 2024

### MAIN NUMBERS (Forecast)

30,000

**km: Conversion / construction of the rural 3-phase network in 2022–27**

R\$ 2.98

**billion: investment**

691

**Municipal city halls** already served by dual-voltage supply



**CEMIG**

# Market

## OBJECTIVES

- More quality and reliability of supply
- **Develop the economy: Serve the suppressed market and future loads**

## TARGET PUBLIC

- **All regions** covered in the **Mais Energia** program
- **Substation locations** in accordance with **integrated planning** of the electricity system

▼ **SUBSTATIONS IN 2018 (415)**

▼ **SUBSTATIONS DELIVERED, JUN. 2019 –JUN. 2024 (+100)**

▼ **SUBSTATIONS UNDER CONSTRUCTION ( >100)**

## The *Mais Energia* program: Load, Quality, Reliability

### MAIN NUMBERS (Forecast)

100

Substations delivered

18

**Substations** per year  
– previous average: **5**

615

Substations in distribution by 2027  
**200 more** than in 2020

50%

**Increase in power** available to the market  
(+5,500 MVA)

R\$ 5 bn

**investment** by 2027

More than **200**

**NEW**



**SUBSTATIONS**

**CEMIG**

# Mais Energia program

June 4

BH SERRANO SUBSTATION



## Delivery of high voltage equipment

Up to 2023  
94 Works

2024  
30 Works  
+8 (Challenge to beat expectations)

2025  
26 Works  
+3 (Challenge to beat expectations)

2026  
27 Works  
+3 (Challenge to beat expectations)

2027  
23 Works

**CEMIG**

CEMIG DAY

29<sup>TH</sup> INVESTOR MEETING



## Investor Relations

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# CEMIG DAY

29<sup>TH</sup> INVESTOR MEETING

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**CEMIG**





Prof. Dr. Afonso H. M. Santos  
Member of the Board of Directors

**CEMIG**





# The Energy Transition

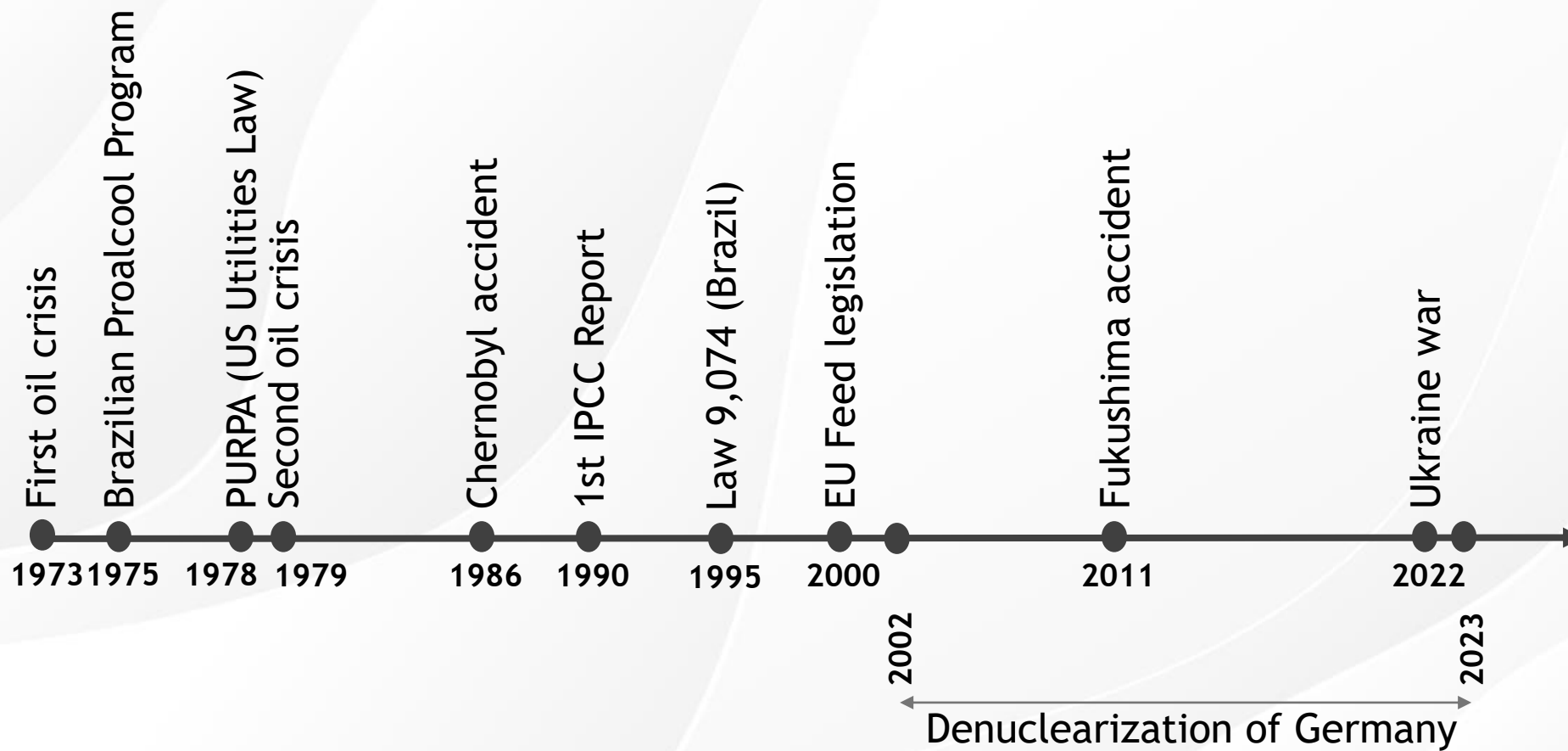
**CEMIG**

# Cemig's Energy Transition and Innovation Committee

- ▶ Created August 2023
- ▶ Has welcomed invited guests from senior management of:



# Evolution of the “Energy Transition”



# Challenges of the energy transition

	Production	Transport	Final use
Fuel	High	Average	High
Electricity	Low	High	High
Hydrogen	Low	High	High

- ▶ Hydrogen is the link between fuel and electricity.

# Challenges to electrical networks for the transition

## – IAE 2023 World Energy Outlook

### ► Threats

- *At least 3,000 gigawatts (GW) of renewable energy projects, of which 1,500 GW are at an advanced stage, are waiting for connection to a network - the equivalent of five times the amount of wind and solar capacity that was added in 2022.*
- *Any delays in investing, and in the needed updating of networks, would substantially increase global CO<sub>2</sub> emissions, slowing the energy transition process and putting the 1.5°C target out of reach.*
- *At a time of uncertainty about supply, and concerns on security of the supply of natural gas, absence of construction of new energy distribution networks increases countries' dependence on natural gas.*

# Challenges to electrical networks for the transition

## – IAE 2023 World Energy Outlook

- ▶ Actions necessary:
  - *Regulations need to be revisited and updated, to support not only the building of new networks, but also optimum use of assets.*
  - *Planning of new transmission and distribution networks needs to be aligned and integrated with governments' long-term macro planning.*
  - *To meet climate targets, investment in networks needs to almost double by 2030, to more than US\$600 billion of investment per year - after more than a decade of global stagnation, with an emphasis on digitization and modernization of distribution networks.*
  - *Building distribution networks requires secure supply chains and a qualified workforce.*

# Opportunities for the Brazilian power sector

The energy transition → Decarbonization → Electrification

- ▶ Production: Renewable energy
- ▶ Transport: Change of criteria
  - Digitalization
  - Integralization
  - Decentralization
- ▶ Use: Change of processes
  - Efficiency Vs. effectiveness
- ▶ Storage: This is the big challenge.

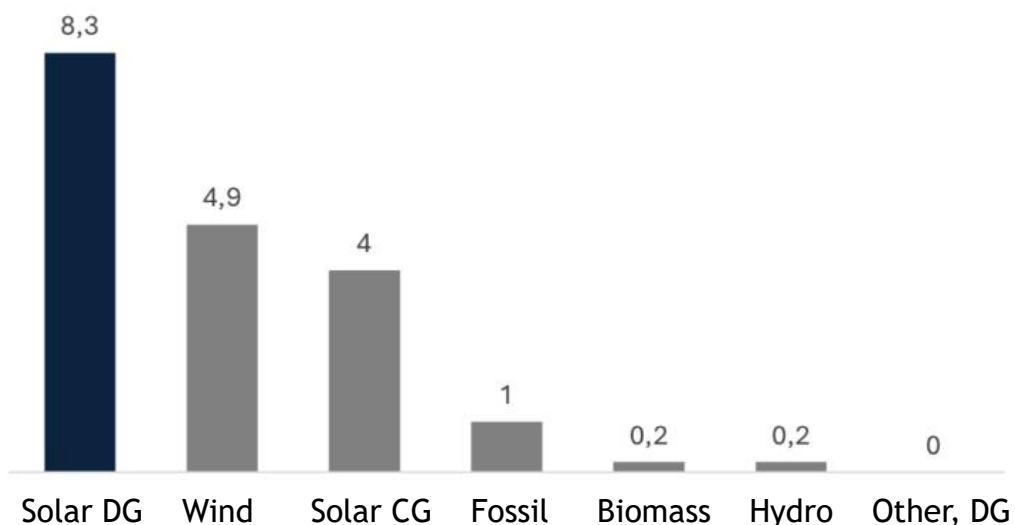
# The distributors in the context of the energy transition

- ▶ Reactive position
- ▶ Opportunistic position
- ▶ Participant position
- ▶ Proactive position



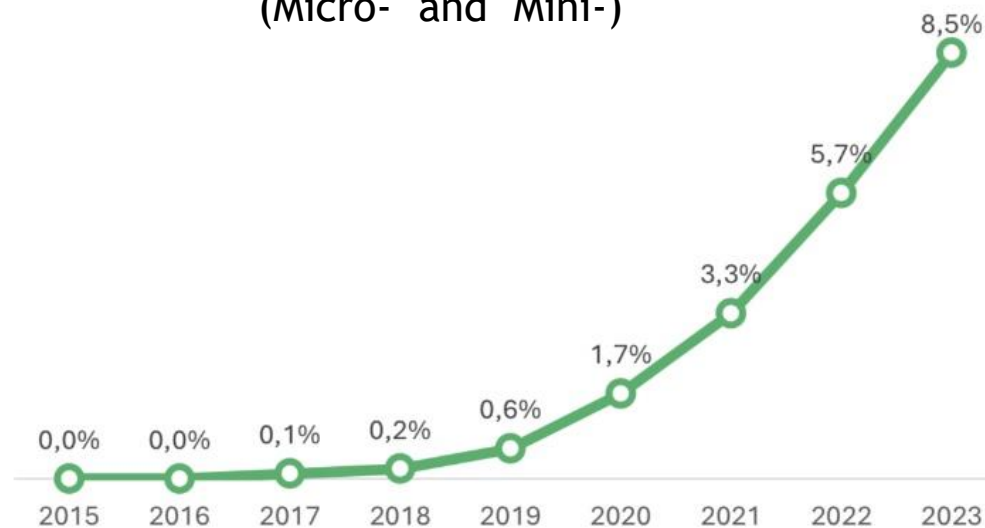
# Reactive position – the case of Distributed Generation

Increase in supply of generation in 2023 (GW)  
- Entering operation in the year:



Source of data: Aneel - Interactive RALIE (panel at April 2024), and MMGD Base (accessed March 20, 2024)

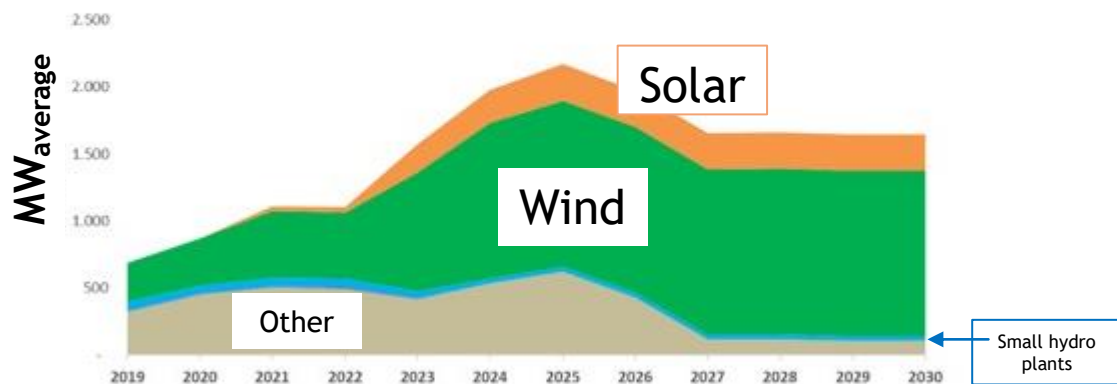
% of Brazilian consumption served by Distributed Generation (Micro- and Mini-)



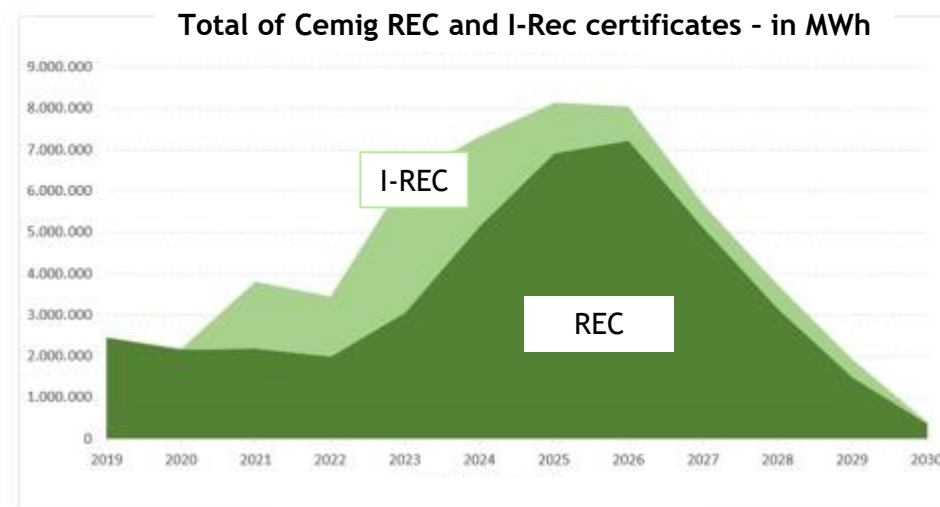
Source of data: EPE - Micro and Mini Distributed Generation Data Panel.

# Opportunistic position – the case of incentive-bearing generation

### Cemig Trading: Purchase contracts for incentive-bearing supply

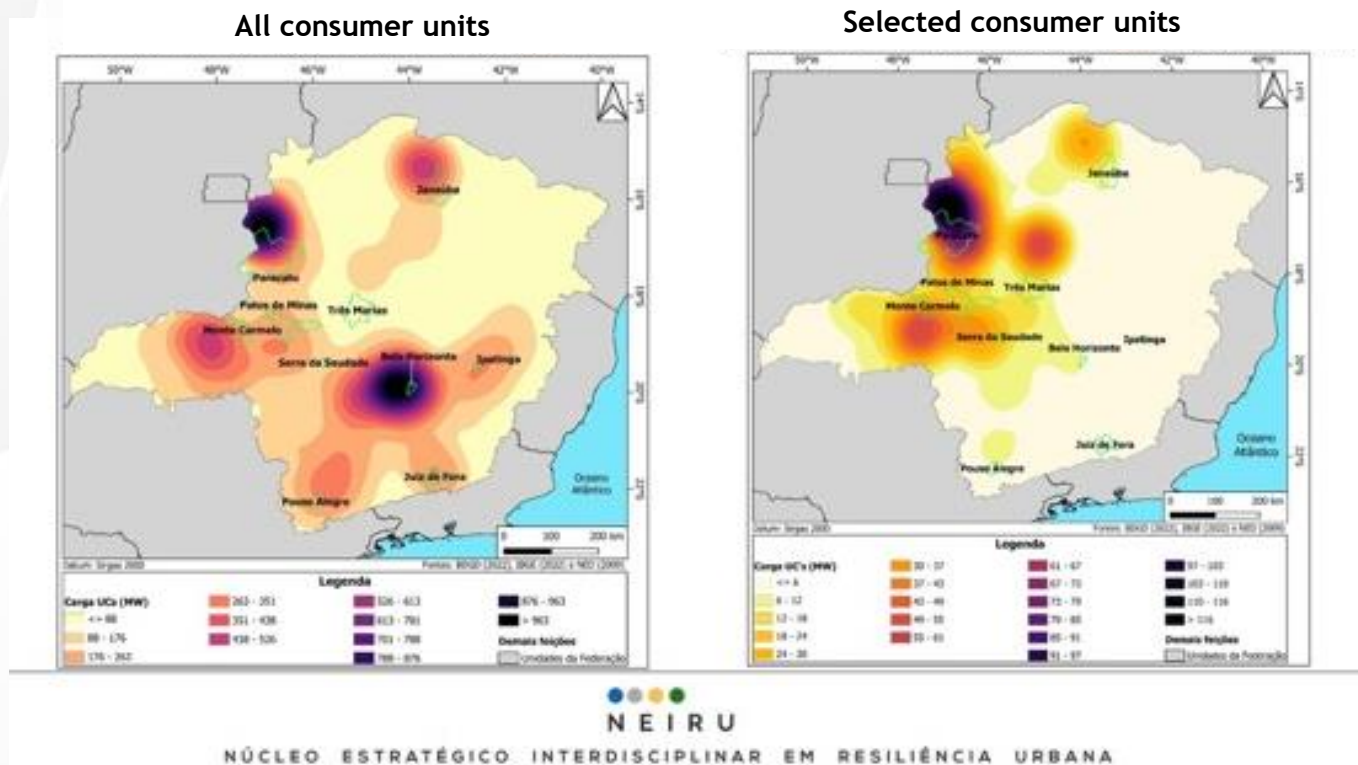


### Sale of Renewable Energy Certificates



# Participant position – the case of irrigation

- ▶ Changing from use of diesel to electricity for irrigation, in Brazil, reduces atmospheric carbon emissions by 10 to 15 times.



## Proactive position: Hydrogen – storage – final users

- ▶ CH2V - green hydrogen project at UNIFEI University
- ▶ PDI - ANEEL R&D Innovation program
- ▶ Focus on the transition of large clients in Minas
- ▶ GASMIG
- ▶ *Serra da Saudade* Project



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# 01

Dimas Costa

**VP for Trading**

**CEMIG**

# STRATEGY

## Ambition



– Consolidate Cemig’s leadership in trading of power supply to final clients, reaching sales volume of **3.7 GW<sub>average</sub>** in the **Free Market as from 2027.**

## Strategic options



Search for growth in **the most profitable segments**, offering **superior experience** than the competitors

**Trade** power at **competitive prices**; close positions at moments of appropriate margin

Adopt **best practices** of the sector for monitoring and **managing all material risks**, giving transparency to the organization.

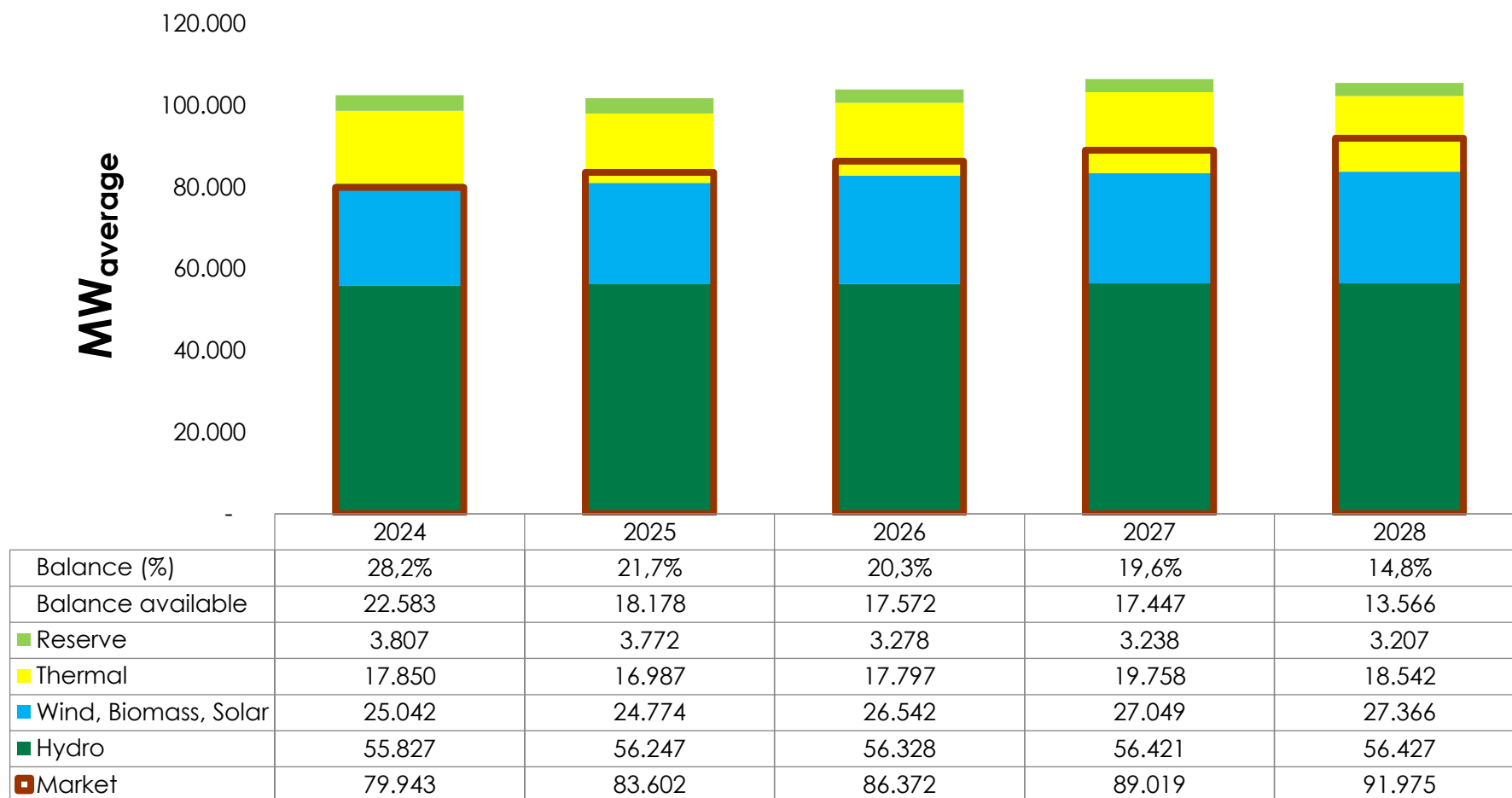
Develop **digital channels** and **adapt operating model**

Optimize **supply of energy products** and **other commodities**



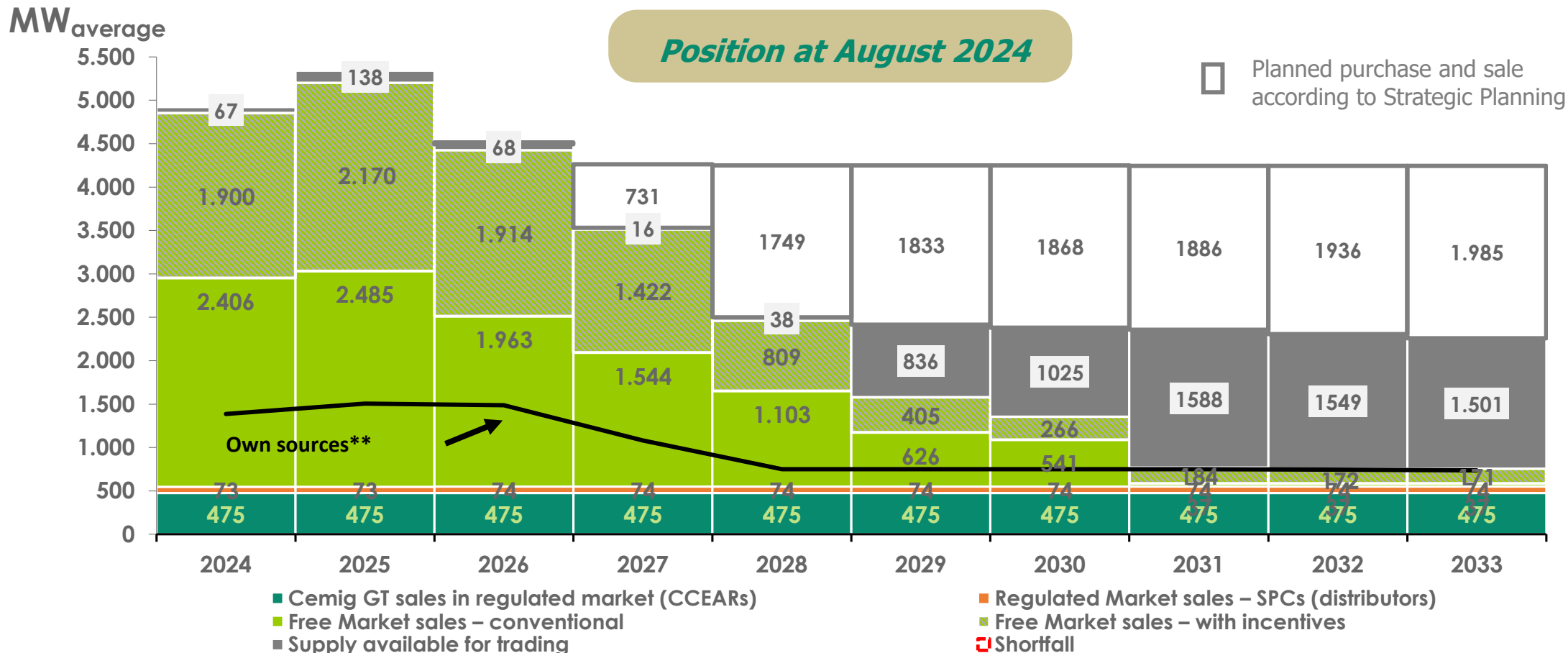
# SOURCES AND USES OF SUPPLY – BRAZILIAN NATIONAL GRID

Scenario of excess supply leads to lower prices in the spot market



Source: **August 2024 monthly operational survey (PMO).**

# CEMIG GROUP\*: SUPPLY AND DEMAND



(\*) Includes supply availability of Cemig Group companies: (i) *Hydroelectric*: Cemig GT, Cemig H, Cemig Trading, Sá Carvalho, Horizons, Cemig PCH, Rosal, Cemig Geração Itutinga, Cemig Geração Camargos, Cemig Geração Leste, Cemig Geração Oeste, and Cemig Geração Sul; (ii) *Solar*: Boa Esperança, Jusante; and (iii) the energy traded in intermediations by ESCEE and Cemig Trading.

(\*\*) In 2024: Balance for *Own sources* includes effect of expected GSF for the year (0.875).

# TRADING – STRATEGY

Appropriate **power trading strategy** leads to **good results** in terms of **purchase** and **sale** prices, and **margins**.

Purchase and sale prices – R\$/MWh \*



Base: Jan. 2024 (\*) Purchase prices shown include purchases of conventional and incentive-bearing supply from outside parties and transfer pricing of own generation.

# TRADING – STRATEGY

## ONLINE SALES OF FREE ENERGY : CEMIG IS THE PIONEER

### CONTRACTING IS 100% ONLINE



SIMULATION

PRICE

YOUR QUESTIONS

BLOG

CONTACT

CLIENT'S AREA

TALK TO A SPECIALIST

- Lower energy costs
- Renewable Energy Certificate
- Contracting facilitated by online tech



[energialivre.cemig.com.br](http://energialivre.cemig.com.br)

**ENERGIA LIVRE CEMIG**

**VENHA PARA O MERCADO LIVRE DE ENERGIA CEMIG E ECONOMIZE ATÉ 35% NA SUA CONTA**

- Redução de custo de energia.
- Certificado de energia renovável.
- Contratação digital e facilitada.
- Gestão integral do seu contrato de energia.

**FALAR COM UM ESPECIALISTA**

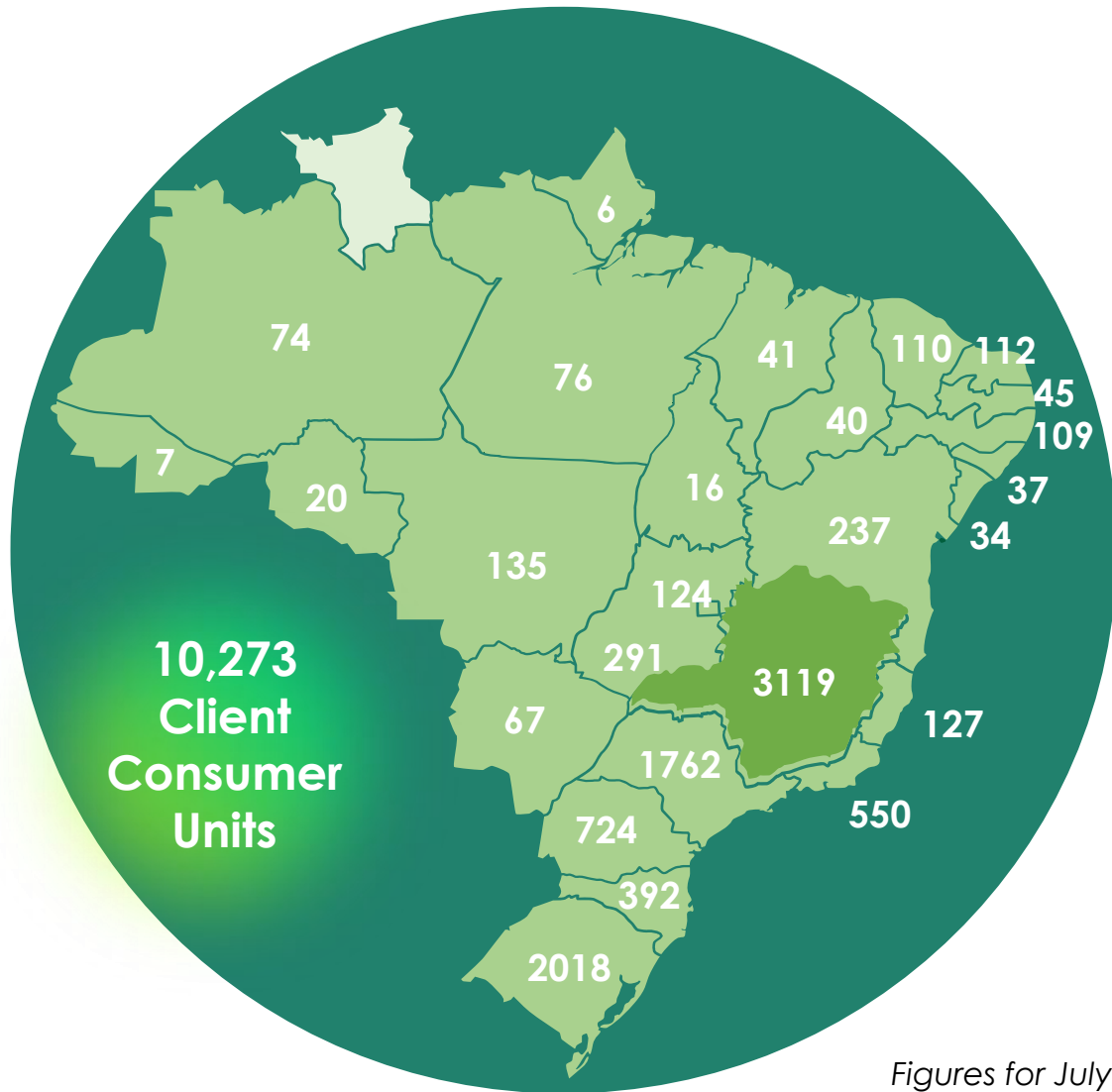
**SIMULE SUA ECONOMIA**

Com apenas seis informações calculamos um desconto possível para a fatura da sua empresa.

Nome  Telefone  E-mail



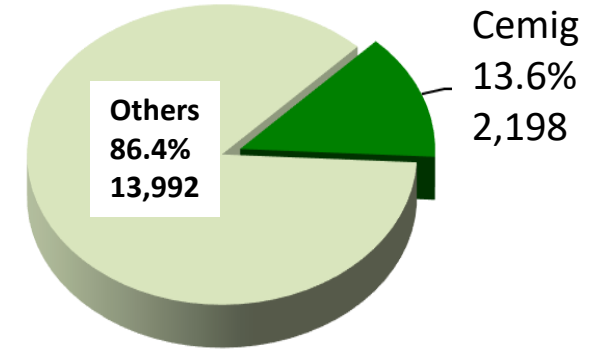
# CEMIG'S POSITION IN THE BRAZILIAN FREE MARKET



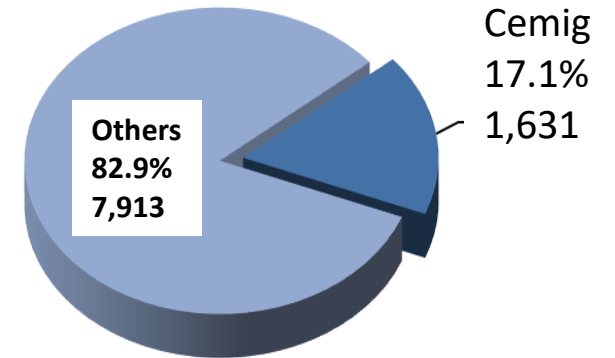
Figures for July 2024.

## Cemig in Brazil's Free Market

### CONVENTIONAL ENERGY



### INCENTIVE-BEARING SUPPLY

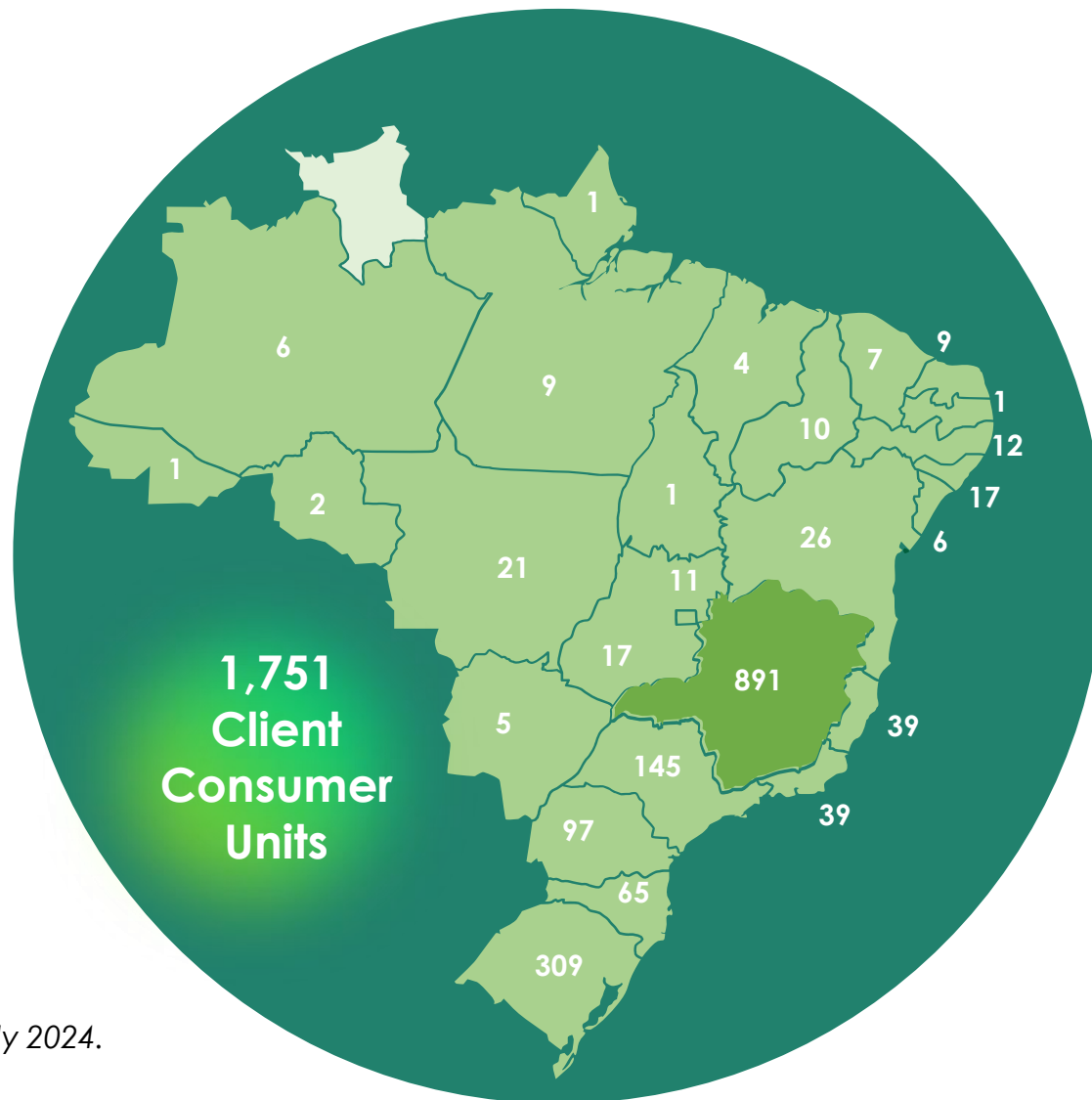
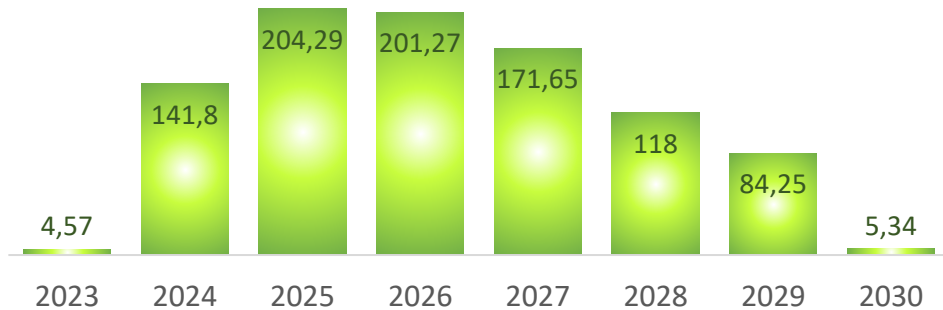


Source: CCEE, Cemig research at Dec. 2023 for Jan.-Dec. 2023 averages.

# FREE MARKET: 'RETAIL' SEGMENT

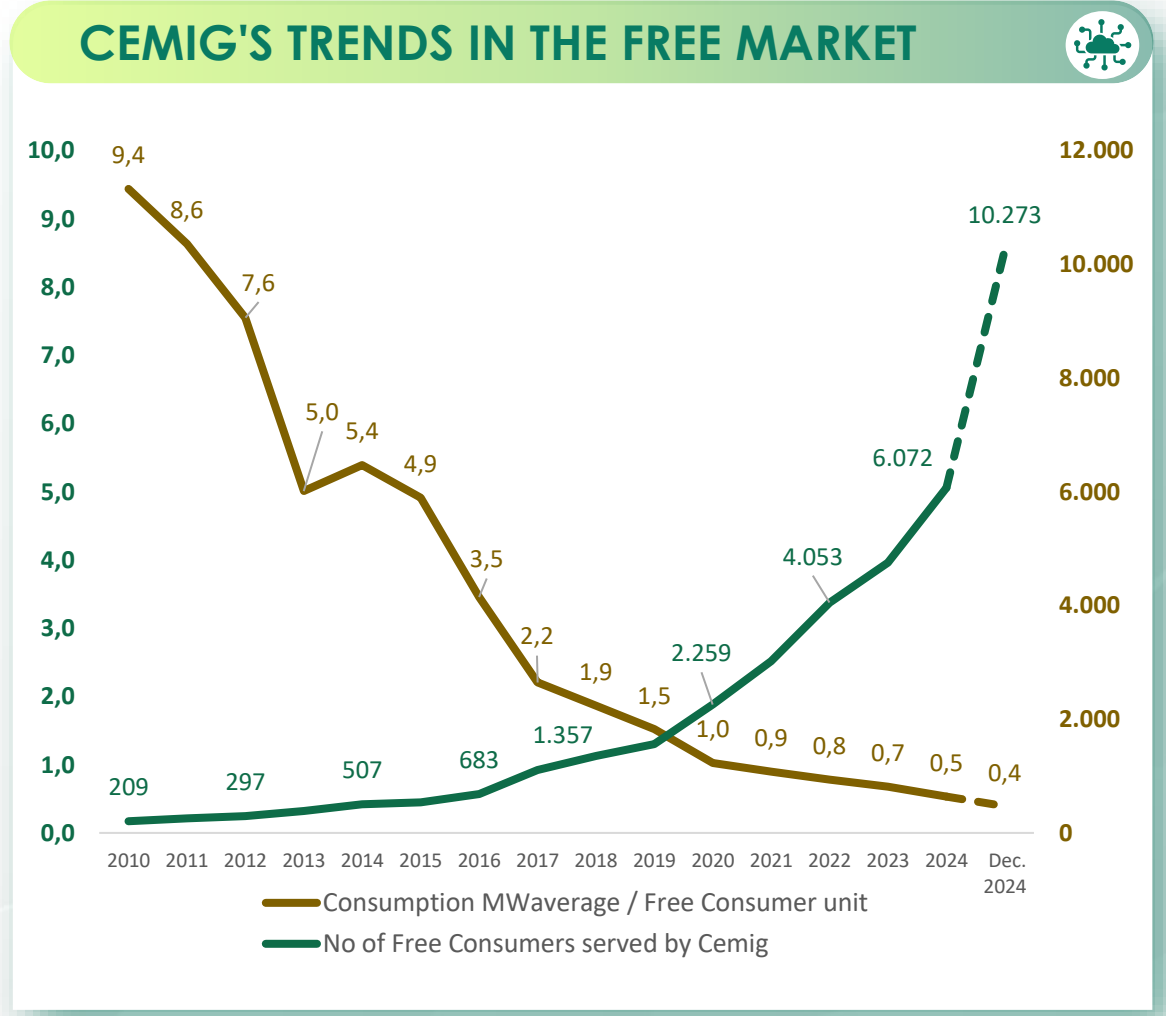
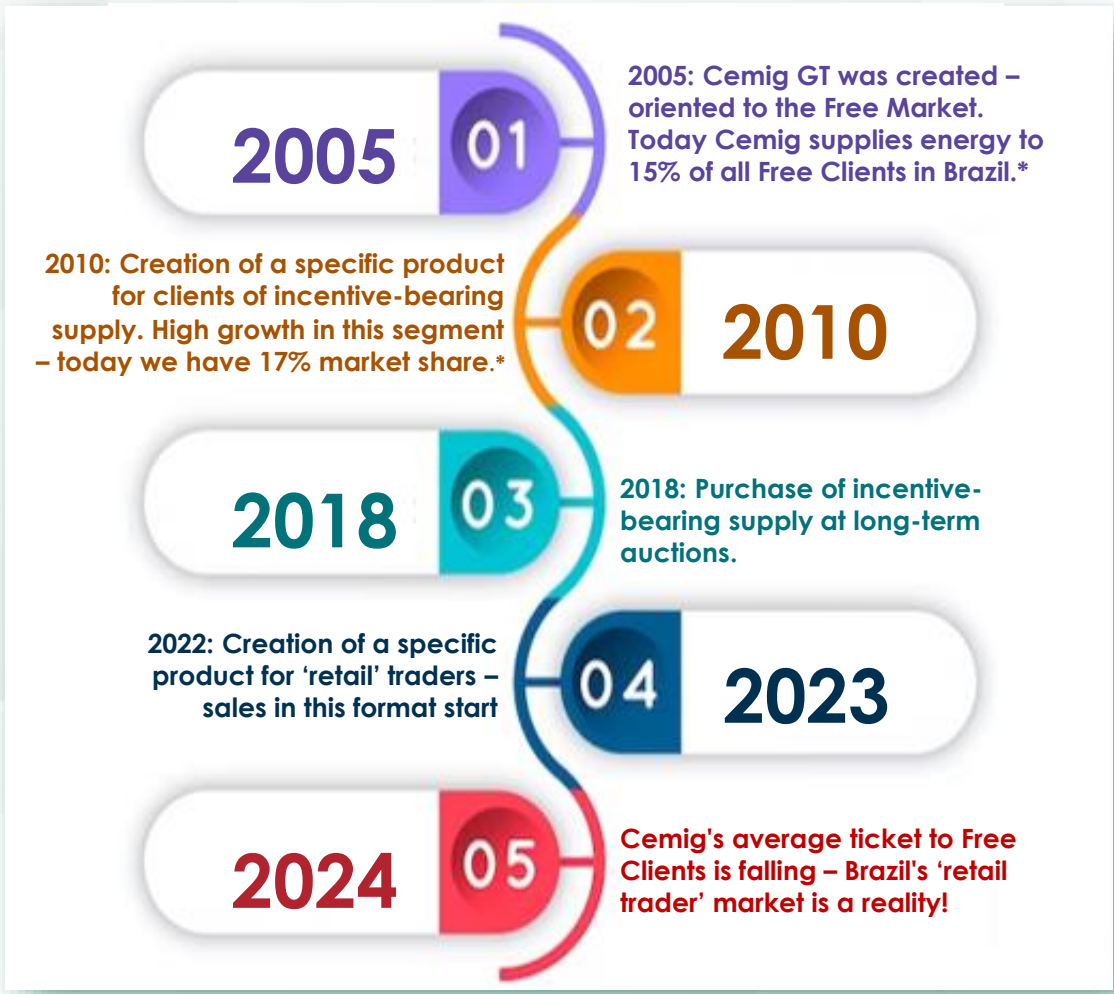
## CEMIG'S RETAIL MARKET - ENERGY CONTRACTED

MW<sub>AVERAGE</sub> - 2023-2030



Figures for July 2024.

# LONG-HELD LEADERSHIP POSITION



(\*). Sales to final clients. Source: Cemig, based on CCEE information for Jan.-Dec. 2023).





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