CEMIG

CEMIG DAY 30th INVESTOR MEETING

Reynaldo Passanezi CEO OF CEMIG

STRATEGY

Prudent investments in Minas Gerais, for better customer service and maximization of results, through efficient and sustainable management.



RESULTS - from 2009 to 2018

- **OPERATIONAL EFFICIENCY: REGULATORY TARGETS MISSED BY MORE THAN R\$ 9 BILLION***
- More than R\$ 45.5 billion** INVESTED IN MINORITY **HOLDINGS**
 - value destroyed of more than R\$ 16.1 billion**
- **INVESTMENT IN DISTRIBUTION 'ABANDONED'** lower than depreciation rate
- LOSS OF CONCESSIONS of the São Simão, Jaguara, Miranda and Volta Grande **PLANTS** (2,922 MW - more than 50% of Cemig's total generating capacity at the time)

FOCUS ON EFFICIENCY AND THE CORE BUSINESS

RESULTS - 2019 TO 2025

- **COMPLIANT WITH REGULATORY OPERATIONAL EFFICIENCY PARAMETERS**
 - allowing full permitted regulatory return
- **DIVESTMENT OF MINORITY HOLDINGS** and non-core businesses – recovery of cash totaling more than R\$ 12.1 BILLION**
- **CEMIG'S LARGEST-EVER INVESTMENT PLAN: R\$ 59.1 BILLION**, of which R\$23.5 billion have already been executed
- Financial capacity to RENEW CONCESSIONS that are expiring: Sá Carvalho, Nova Ponte and Emborcação - total generating capacity 1,780 MW

BEFORE 2019:

INVESTMENT IN DISTRIBUTION 'ABANDONED

Substation transformers with loading exceeding nominal capacity

- Wooden power line towers break circuit more easily
- In 2018, Cemig pruned about 295,000 trees near its distribution network
- In 2018, there were approximately **800 MW of unmet** demand due to lack of investment, affecting hundreds of projects and delaying over 10,000 construction work

FOCUS ON EFFICIENCY AND THE CORE BUSINESS

AFTER 2019:

CEMIG'S LARGEST-EVER INVESTMENT PLAN

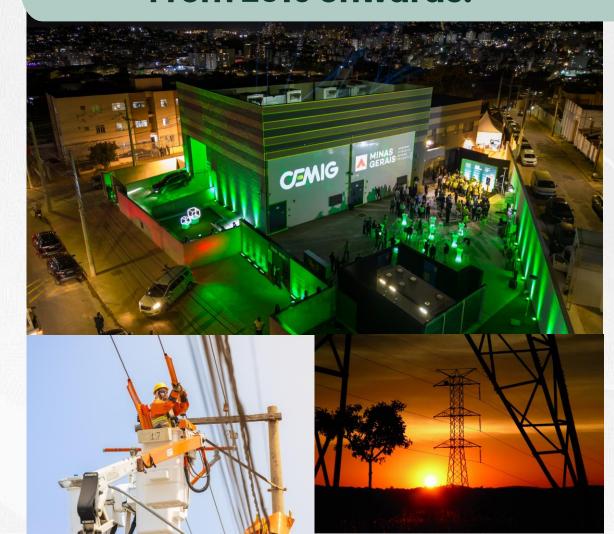
- High-technology, high-reliability solutions for better service to clients in addition to the use of sustainable technologies, such as "green transformers"
- All lines metal-built higher quality supply
- Between 2019 and 2025, over 3.9 million tree prunings have been carried out, with an average of 560,000 prunings per year. In 2025 alone, more than 740,000 prunings have already been completed
 - Meeting deferred demand through the regularization of overdue construction liabilities

FOCUS ON EFFICIENCY AND THE CORE BUSINESS

BEFORE 2019:



From 2019 onwards:



FOCUS ON MINAS – AND WIN CEMIG'S LARGEST-EVER INVESTMENT PLAN



2019 to 2029



R\$ 36.9 BILLION DISTRIBUTION



R\$ 5.7 BILLION TRANSMISSION



R\$ 5.9 BILLION GENERATION



R\$ 2.5 BILLION NATURAL GAS



R\$ 3.8 BILLION DISTRIBUTED GENERATION



R\$ 4.3 BILLION
INNOVATION AND
DIGITAL
TRANSFORMATION



ACHIEVEMENTS | 2019 to 2025

- ✓ Regulatory opex within parameters since 2020: accumulated gains – R\$ 844 million
- ✓ Regulatory losses within parameters since 2021:
 accumulated gains R\$ 2.2 billion
- ✓ DEC within regulatory limits consumer average outage time reduced by more than 2 hours (from 18.77 in Jan/24 to 15.84 hours in Jun/25)
- ✓ Unmet demand reduced to zero; and more than 5 GW of distributed solar generation connected
- ✓ Record volume of investments realized including building of: 138 substations; 9,984 km of three-phase network; 257 MW of solar plants – and the Center-West gas pipeline



ACHIEVEMENTS - 2019 to 2025

- √ Cemig's best-ever credit rating:
 - AAA from Fitch Ratings since 2024 and by Moody's in 2025
- ✓ Cemig's largest-ever investment in IT (R\$ 1.7 billion): full operation of the new ADMS; entry of new SAP S/4HANA ERP system planned for 2026
- Cemig consolidated its leadership position as trader in Brazil's electricity Free Market – in both wholesale and retail segments
- Improvement of 11 positions in the ranking of Brazil's most valuable brands, reaching 59th place in 2025, with a total brand value of US\$ 293 million
- Divestment of non-strategic assets: cash inflow of R\$ 6.3 billion, and need for capital contributions totaling R\$ 5.6 billion avoided

RECOGNITION

INNOVATION



Valor 2025 Brazil **Innovation Awarc** – Top 5



100 Open Startups ranking: top 10 most innovative companies

FINANCE



National Finance Management and Law Summit awards



ANEFAC Transparency Trophy

PROJECT MANAGEMENT



PMI International Competencies Development **Award**



S&P power sector sustainability ranking: Top 5%



"Ser Humano" Award, 2022 -Minas Gerais HR Association

ESG



S&P Global 2025 Sustainability Yearbook



CDP (Carbon Disclosure Project) **International Water Security Award**

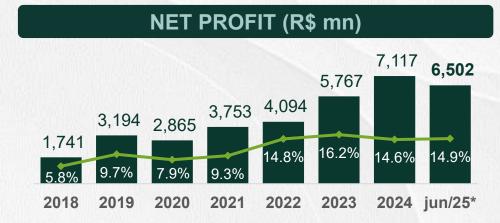


Included in CDP 2024 Climate "A List"

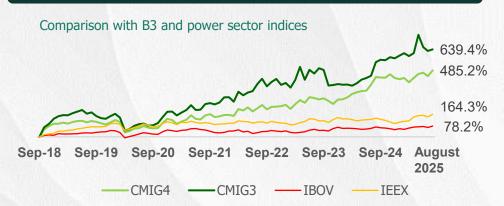
FINANCIAL INDICATORS

BREAKING RECORDS IN ALL AREAS

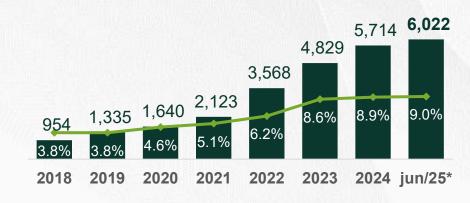




CEMIG SHARE PRICE APPRECIATION (%)



INVESTMENTS (R\$ mn)

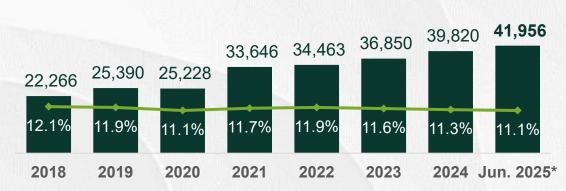


* 12 months to Jun 2025.

FINANCIAL INDICATORS

BREAKING RECORDS IN ALL AREAS

NET REVENUE - R\$ million

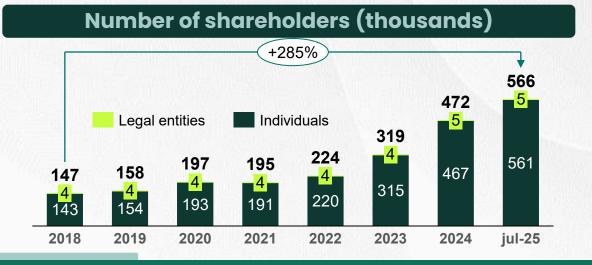


* % in relation to total of listed energy sector companies – Source: Economática.

Net debt 75 0 Recurring Ebitda Net debt 55 0 Net debt 55 0 Net debt 55 0 Recurring Ebitda 1.28 1.22 0.96 0.89 1.30 1.59 43.2 42.3 Net debt 55 0 Equity + Net debt 2019 2020 2021 2022 2023 2024 Jun-25

DIVIDENDS - R\$ million 5,475 5,153 2,232 3,125 1,967 1.91 1.84 1,482 867 1.42 764 1.16 1.05 0.98 0.60 0.52 2018 2019 2020 2021 2022 2023 2024 Jun. 2025*

R\$ per share



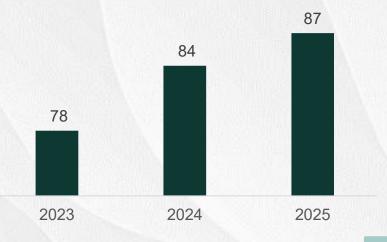
BENCHMARK IN SUSTAINABILITY

The Dow Jones Sustainability World Index:

Cemig has been in this index for 25 years running, continuous increase in score since 2023

Leadership in 3 categories: Transparency / Reporting, Renewable Generation and Human Rights

Increase in score
Dow Jones Sustainability World Index

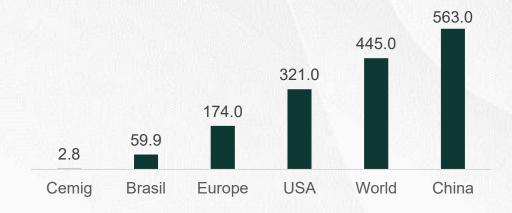


THE AMBITION NET ZERO COMMITMENT

COMMITMENT TO NET ZERO BY 2040 – EMISSIONS ALREADY MINIMAL COMPARED TO BRAZILIAN AND GLOBAL AVERAGES

Approximately 41% reduction in total emissions since 2021, considering the three scopes (own activities, losses, and energy/gas sales)

Scope 1 (direct) greenhouse gas emissions in 2024 (kg/MWh)



CEMIG SIM

MANAGEMENT - 2019 TO DATE

Revision of the Strategic Plan – increasing investments, consolidating the leadership position, and expanding in the market outside the concession area.

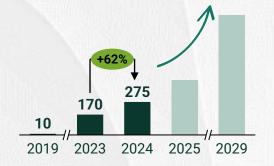
BILLED TO CLIENTS - R\$ million

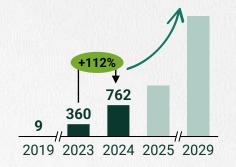
INSTALLED CAPACITY - MWp

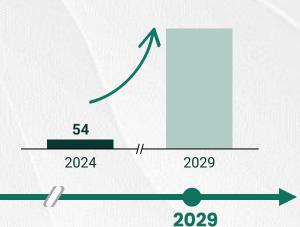
CAPEX (Accumulated - R\$ mn)

CONSOLIDATED EBITDA - R\$ mn





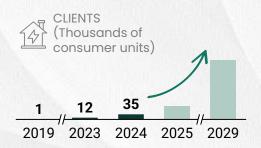




2019

Exponential growth only possible with significant digital presence and excellence in customer

experience.



2023

2024

✓ Globalized billing✓ Integration – SAP / CCS

Omnichannel

Joining campaign

Sources/Uses of energy



2025



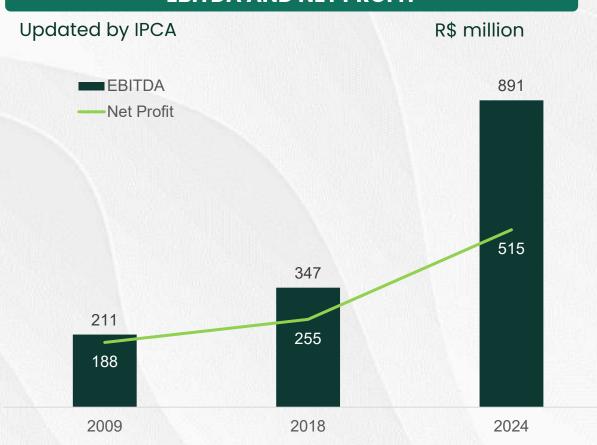


- ✓ Automatic debit
- ✓ Site facelift
- ✓ BolePIX
- ✓ Collection timetable
- ✓ Joining via WhatsApp



GASMIG

EBITDA AND NET PROFIT



ACTIONS AND PROJECTS 2018 TO 2025



INVESTMENT OF: R\$ 2.4 BILLION



Clients in 49 municipalities of Minas Gerais



of 430 km of GAS PIPELINES



4 VNG CORRIDORS IMPLEMENTED



ENERGY TRADING

CEMIG

Modernizing; diversification, with customization

of products with higher added value

STRATEGY: INTO THE FUTURE

Consolidate our Brazil-wide leadership;

expand significantly in retail

	Strategy established	Current execution
DISTRIBUTION	Digitization, network expansion, and meeting unmet demand.	Modernizing the distribution system; increasing its resilience; transformation to the DSO model.
TRANSMISSION	Resume growth – participate in transmission capacity auctions.	Strengthening and enhancing the transmission network; modernizing the system with new technologies (BESS, and FACTS).
GAS DISTRIBUTION	Resume expansion of gas pipelines in Minas Gerais.	Expanding to other regions of the State (<i>Triangle, Sul de Minas</i>), with offer of new products (Biomethane, H2V).
GENERATION	Expand generation capacity, with solar energy; expand and renew concessions.	Capacity and flexibility solutions – Capacity Reserve Auctions (LRCap); use of new technologies (BESS, reversible power plants)
DISTRIBUTED GENERATION	Enter the market; win the leadership position in Minas Gerais	Expanding supply; structuring new products and services (mini/micro GD hybridization, electromobility, BESS BTM)

HUBS OF INNOVATION



Artificial Intelligence



More than 50 initiatives leveraging Alexcellence in risk management
Assertiveness in market pricing
High efficiency in processes
Support in Planning and Operation

Storage



Integrated micro networks

(Serra da Saudade project)

Hybridization (Micro/Mini DG, Solar plants, BESS)

Solutions for Reserve Auctions (LRCAPS

Reversible power plants

Sustainable Generation



Digitalization of substations Reversible plants Agrivoltaic generation plants Carbon credits

INOVA CEMIG



Future Grids

Smart grids (AMI: 500 to 9.3 million)
Sensors, automation (NEW IOC + ADMS + DERMS)
Data intelligence (Data Lake + AI in SmartGrid)
Smart Experience for the Client (AI, "Cliente Mais")
Teams mobility and connectivity



Electromobility

Cemig MOB
Urban public transport
Charging hubs
Electrification of industrial loads



Green Hydrogen

Technological Roadmap for the State of MG Green H₂ for decarbonization of the sector Hydrogen hub for ammonia Strategic action in fertilizer production





INOVA CEMIG.LAB BRAZIL'S LARGEST OPEN STARTUPS INNOVATION PROGRAM

45
CHALLENGES
LAUNCHED

540 PROPOSALS RECEIVED

R\$ 70 million

PER YEAR IN POTENTIAL ANNUAL BENEFITS FOR CEMIG





CEMIG

CEMICS DA 30th INVESTOR MEETING

VICE-PRESIDENT, FINANCE AND INVESTOR RELATIONS

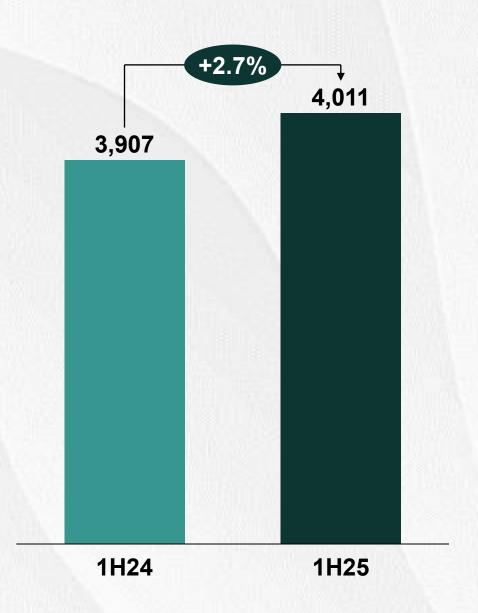
Andrea Marques de Almeida

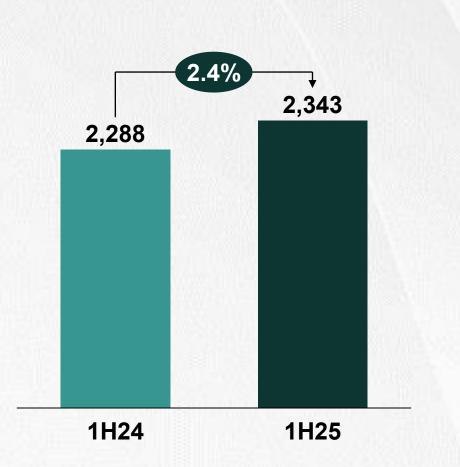


FIRST HALF 2025: CONSISTENT RESULTS

ADJUSTED EBITDA

ADJUSTED NET PROFIT



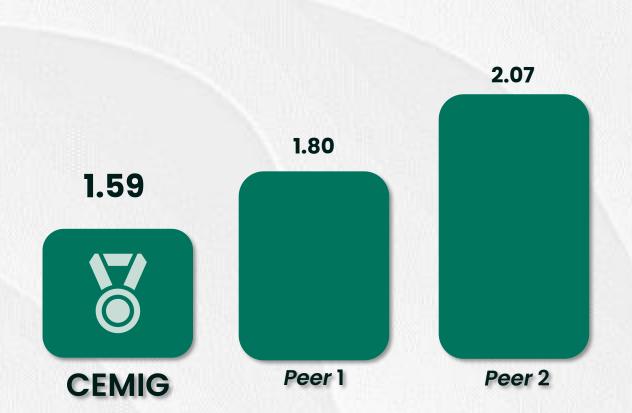


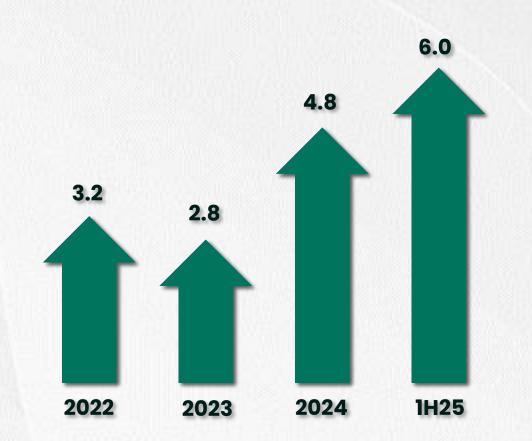
R\$ million

CAPITAL STRUCTURE: LOW LEVERAGE

Net debt / Adjusted Ebitda

Average maturity of debt (years)



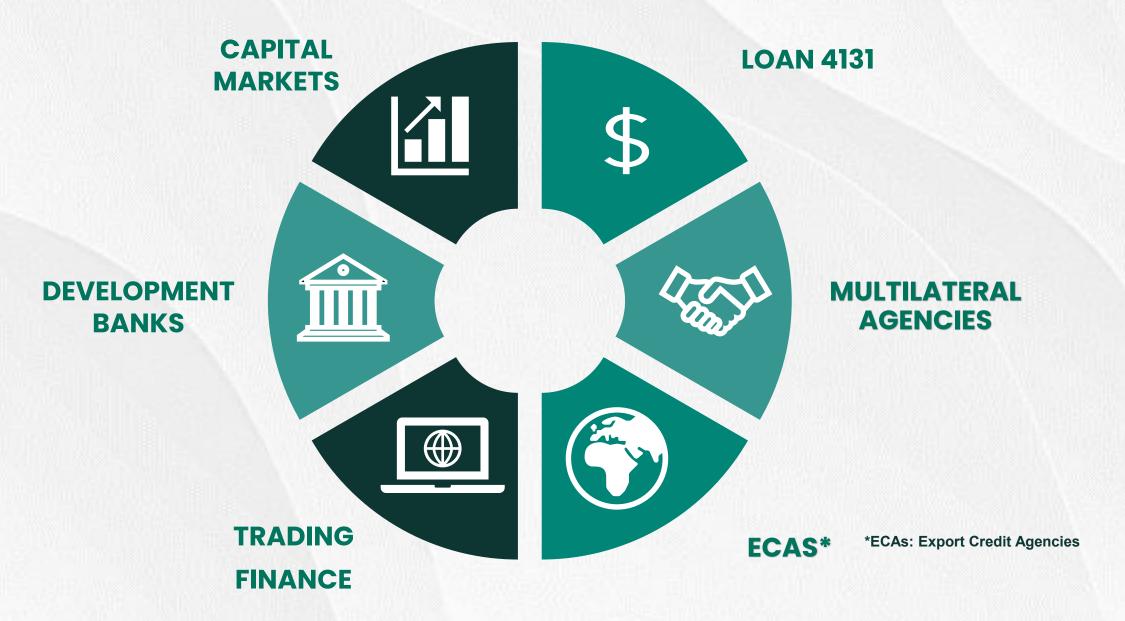




Indicating its financial soundness and good management of liabilities, Cemig:

- (i) has the lowest leverage among its peers; and
- (ii) has lengthened the average maturity of its debt.

DIVERSIFICATION OF FINANCING SOURCES: ENSURES FUNDING FOR STRATEGIC PLAN



Valuing the specific attributes of the different sources available in the market and maintaining active credit relationships with various players creates value for the Company.

SUSTAINABILITY PLAN - 2024-2029

CEMIG'S PUBLIC COMMITMENTS: Key elements

Offset 100% of direct emissions by 2026

In 2025, 100% of emissions were offset.

Benefit 120,000 families by regularizing their energy supply, by 2027

So far more than 40,000 families have been regularized.

Recycle or reuse at least 99.5% of industrial waste generated, by 2027:

In 2024, 99.3% of industrial waste from power generation, distribution, and transmission removed from the electrical system was recycled or reused (over 50,000 tons)

SUSTAINABILITY PLAN - 2024-2029

CEMIG'S PUBLIC COMMITMENTS: Key elements

Implant zero-accident culture in the Company and throughout the value chain

In 2024, the number of accidents decreased by 15% compared to the previous year

Benefit at least 60,000 people with projects for infancy, the elderly and sports, by 2027

More than 30,000 people benefited in 2024 alone.

Comply with 100% of the Global Compact Transparency Movement requirements, by 2026

Initiative aimed at encouraging companies to be more transparent and ethical. We have achieved 100% of the goals established by the UN Global Compact



ESG PRACTICES: RECOGNITION



Cemig is the only
power company in the
Americas in the
"DJSI World" index.
In all 25 years since the
"DJSI World" was
founded, Cemig has
been included in it.



Standard & Poor's power sector sustainability ranking: Top 5%



Member of the FTSE4Good Global Index (UK) since 2023, with score of 3.8, higher than the power sector average (2.8).



Corporate Sustainability Index of the São Paulo stock exchange: In all **20 years** since this index was created, **Cemig** has been included in it – and is now rated among its 10 best companies.



Cemig is in the CDP's

"A List" (companies that lead action on climate change); in 10 of the 16 criteria, Cemig received top score.



Considered as "Medium risk" by Sustainalytics.



Included in the
ICO2
(Carbon Efficient)
Index
of the B3 (São Paulo
stock exchange).



Score A+ in *Ecoefficiency*.



Rating
"A"

- one of the best
in the Brazilian
electricity sector.



In the top 40, and 2nd best Brazilian company, in the world's top 200 Green Utilities companies, based on carbon emissions and renewable energy.

CEMIG

CEMIG

CEMIG DAY 30th INVESTOR MEETING

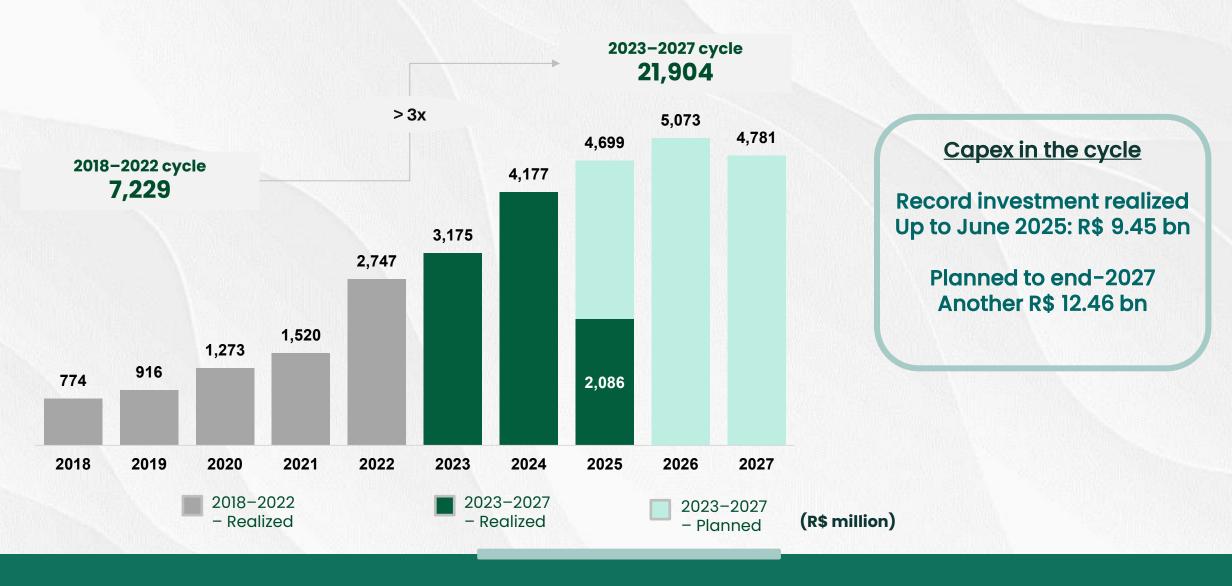
VICE-PRESIDENT, DISTRIBUTION

Marney Tadeu Antunes



DISTRIBUTION INVESTMENT PROGRAM

CAPEX EVOLUTION



SUBSTATIONS WITH WORKS COMPLETED IN 2025

January









April

April







May



June







☐☐ 11 Substations
Completed in 2025 ☐☐

OPERATIONAL EFFICIENCY – DISTRIBUTION

Energy losses: falling

Total energy losses – 12-month windows



SMART METERING

460,000 smart meters installed – aim is 1.5 million by 2027

'Bulletproof' metering

 44,200 consumer units using BTZero tech, and 'bulletproofed' meter panels – in Cemig's Energia Legal program

INSPECTIONS IN CONSUMER UNITS

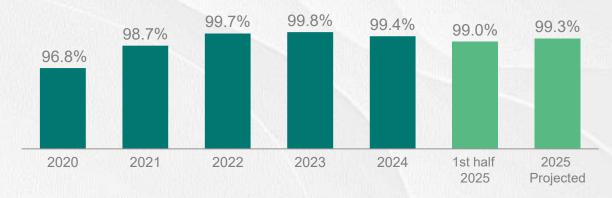
Average 370,000 inspections realized per year – 47% accuracy rate

☐☐ Energy losses within regulatory limit for 4th year running. For 2025 we have the same commitment.

Collection percentages

ARFA Revenue collected as % of total billing ("ARFA")

Revenue collection index – 12-month windows



INTENSIFYING COLLECTION AGILITY

 Expanding methods to intensify rapid actions (e.g. negatives at credit info agencies, tele-collections)

CUTOFF OF SUPPLY VIA SMART METERS

• 107,000 clients had supply cut off remotely in 2025

NEGOTIATING OVERDUE BILLS WITH LARGE CLIENTS / HOSPITALS AND JUDICIAL RECEIVABLES STRUCTURING

 Important negotiations of past due receivables – conditional on guarantees / payment of current bills on time / Stronger inflows as past due receivables are paid.

Abradee Award: Lowest default of all distributors – for 2nd year running. 3rd year running with collection index above 99%.

ORGANIZATIONAL RESTRUCTURING OF VPD

Be closer to clients
 Live in the same environment
 Be present in their day-to-day lives
 Ensure excellent service

Cemig
Local Spokesperson
– with the feeling
and vision of an owner

Internal benchmarking

Representation and Presence of Cemig's Leadership REGIONALIZED

LEADERSHIP

MODEL

Culture of Safety by Example

Valuing the distribution process (client-centric)

Ensuring excellence in service

Certainty that the strategy is deployed

DISTRIBUTION: REGIONALIZATION

- **6** Regional Senior Management offices
- 6 Regional High Voltage management units
- 17 Regional Medium and Low Voltage management units
- **47** Hubs

	♥ Uberlândia	
Minas Triangle	♥ Uberaba	
	Patos de Minas	
Naukla	♥ Montes Claros	
North		
	♀ Sete Lagoas	
Center		
	♀ Betim	
South	Pouso Alegre	
	♥ Divinópolis	
	♀ Juiz de Fora	
Mantiqueira	♀ Conselheiro Lafaiete	
	♥ São João Del Rei	
East	♥ Governador Valadares	



CEMIG AGRO

CLIENT RELATIONSHIP

Exclusive client service channels; "Cliente Mais" and "Aproximação".

THE ENERGY TRANSITION

Expansion of the electricity system, to meet new demands, replacing diesel with electric, improving power supply quality, and an 8.6% increase in load compared to Dec/23 (+305 GWh)

INNOVATION AND ENERGY EFFICIENCY

Disseminate and encourage Innovation and Energy Efficiency projects to serve rural consumers.



PREVENTIVE MAINTENANCE

100% inspection of the network; cleaning of power line pathways; mobilization of additional teams with new bases in 76 municipalities

NETWORK AUTOMATION

Installation of approx. 30,000 reclosers in single-phase and threephase networks

NETWORK RESILIENCE

Reduction of travel time and restoration of supply

CEMIG AGRO INVESTMENTS IN RURAL NETWORKS: R\$ 10.9 billion



STORAGE AS NETWORK RESILIENCY THE SERRA DA SAUDADE MICRO GRID

Objectives

- A new paradigm for network resiliency:
 local system provides continuity of supply even if national or external grid is down
- Improved supply quality (less fluctuations)
- Fast implementation; investment 100% recognized

Status



Contract signed: August 2024



Works begun: November 2024



Start of commissioning: June 2025



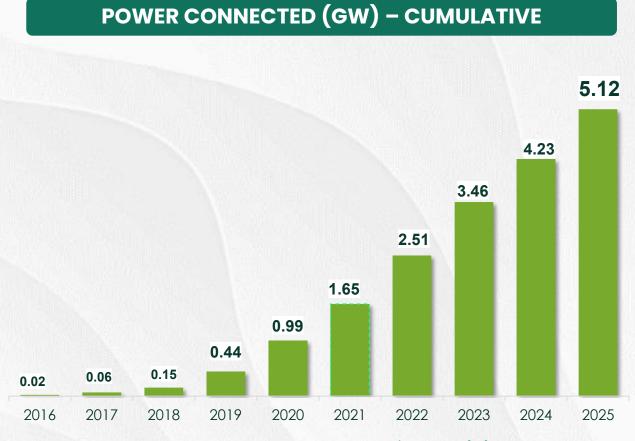
Planned opening date: October 2025

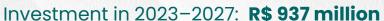


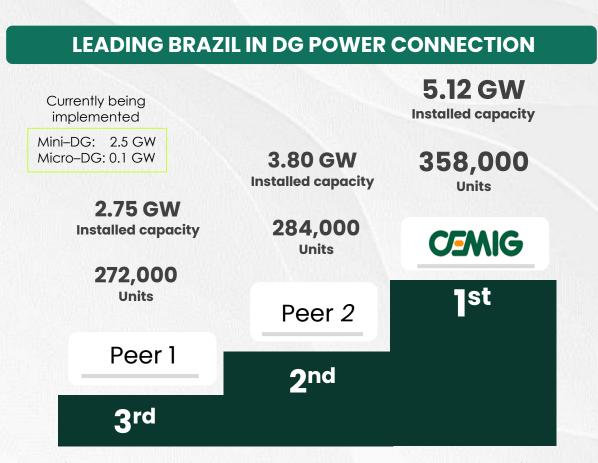
The same project is planned for other municipalities

DISTRIBUTED GENERATION (DG)

CEMIG HAS CONNECTED THE HIGHEST VOLUME OF DG IN THE WHOLE OF BRAZIL



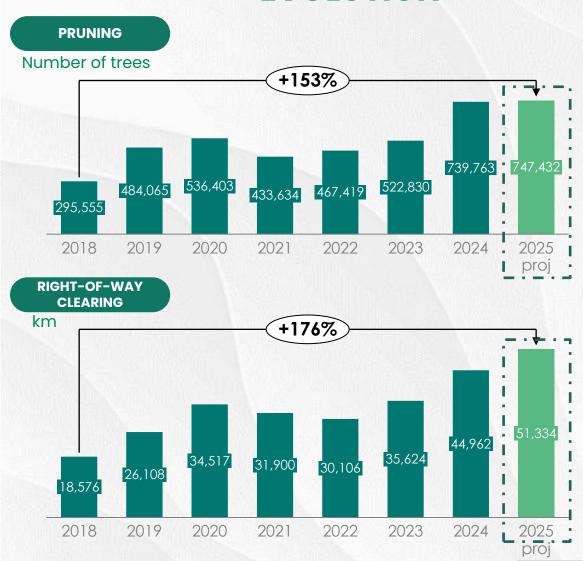




^{*} Reference: Aneel Public Data extracted on September 3, 2025 - Microsoft Power BI

COMMERCIAL, EMERGENCY, AND MAINTENANCE SERVICES

EVOLUTION



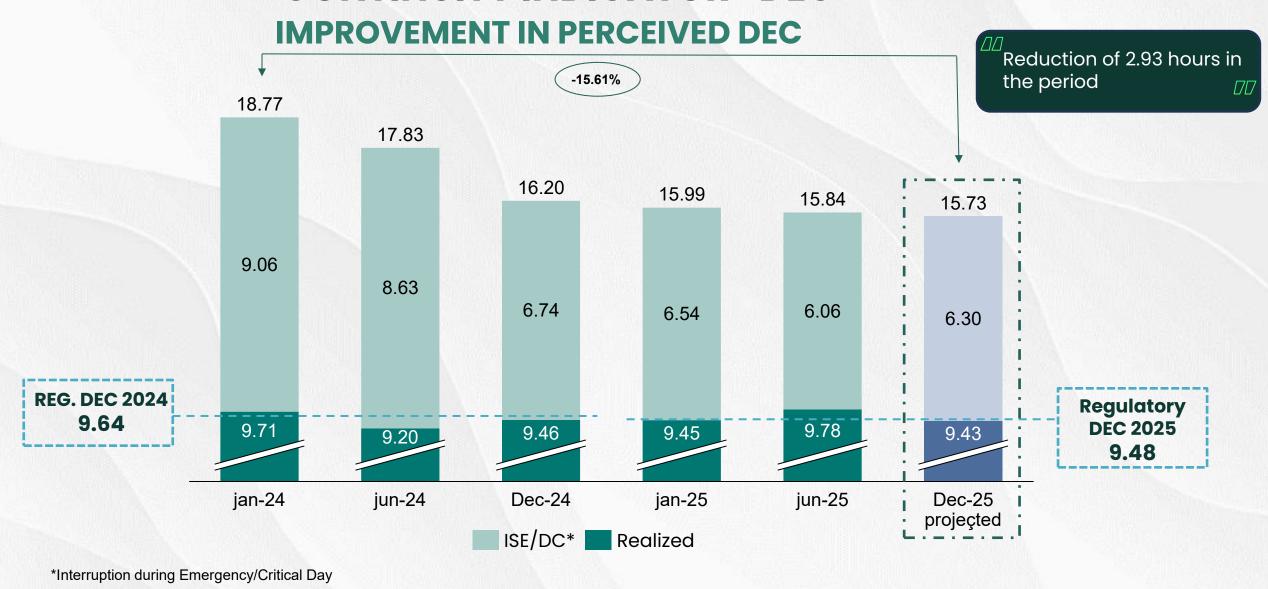








CONTINUITY INDICATOR- DEC



ENERGY DISTRIBUTION – AND THE FUTURE

NEW INTEGRATED OPERATIONS CENTER



Integrated Operations Center

The largest operational data center in the sector. Much more modern, reliable, secure, and efficient



The project aims to **unify the operation** of the Generation, Transmission, Distribution, Smart Metering, Telecommunications, Cybersecurity, Corporate Security, and Asset Management systems.



International construction standard (Tier 3) to ensure continuity, redundancy, and connectivity, incorporating a disaster recovery (backup site) concept.

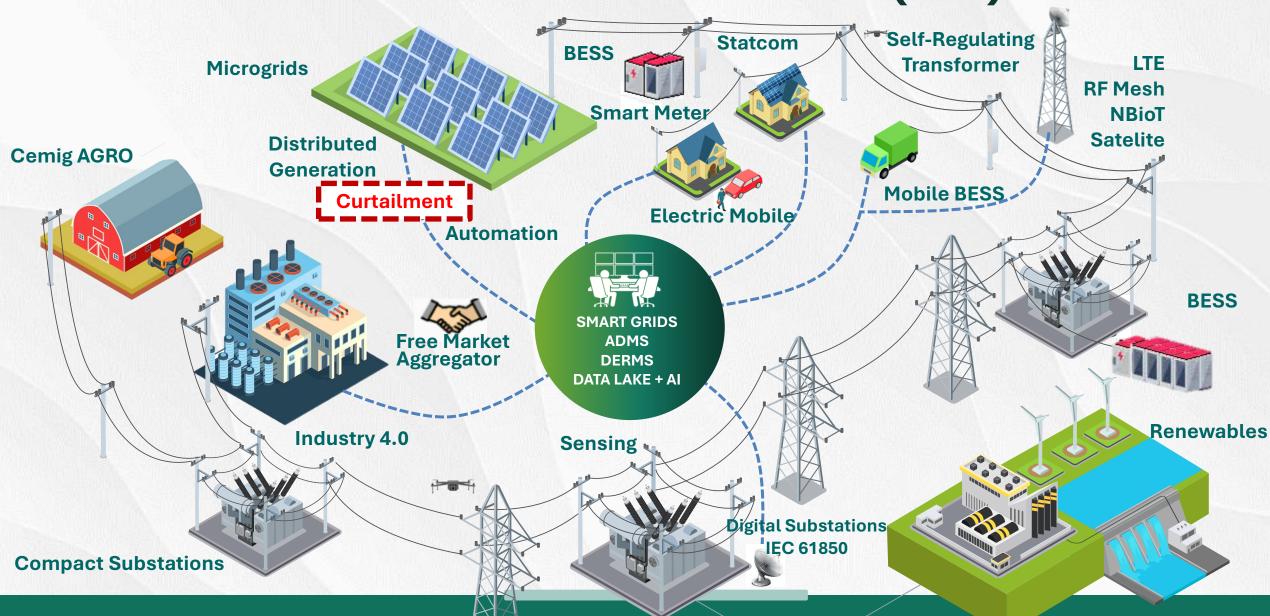


Investment of R\$ 271.2 million



Delivery scheduled for 2027

DISTRIBUTION SYSTEM OPERATOR (DSO)





CEMIG

CEMIG DAY 30° INVESTOR MEETING

VICE-PRESIDENT, GENERATION AND TRANSMISSION

Marco da Camino Ancona Lopez Soligo

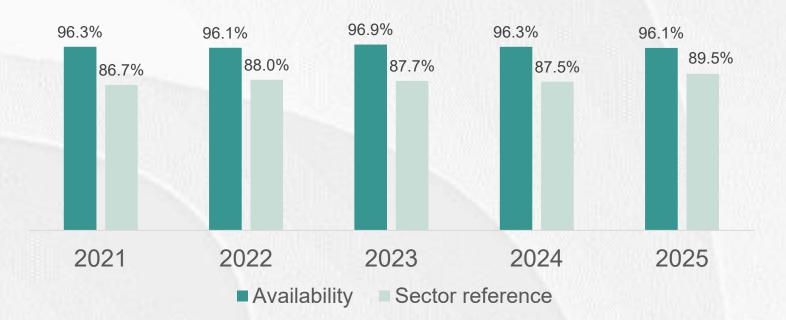


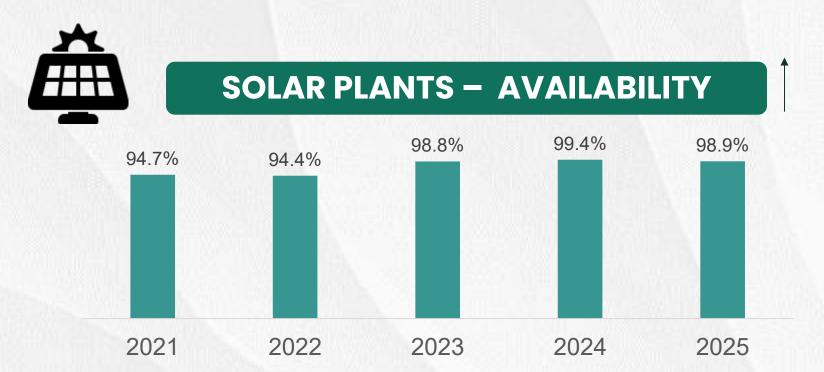


GENERATION - OPERATIONAL NUMBERS



HYDRO PLANTS - AVAILABILITY

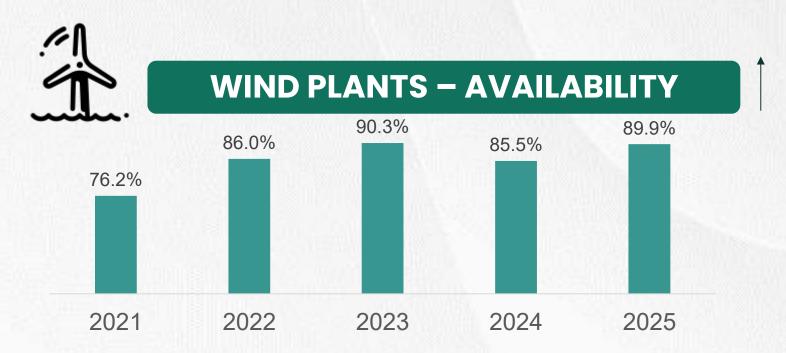






HYDRO PLANTS – FORCED UNAVAILABILITY





Eduardo Soares and Jusante Solar Plants

Eduardo Soares solar plant 85MW / 100MWp



- Municipality: Montes Claros, Minas Gerais
- Long-term partnership with large retail client
- In commercial operation

Jusante solar plant 70MW / 88MWp



- Municipality: São Gonçalo do Abaeté, Minas Gerais
- Long-term partnership with 6 major retail clients
- In commercial operation

CCEE Competition Mechanism - GSF Auction

Cemig won the CCEE bid ⁽¹⁾, which placed securities designed to replace a situation of multiple lawsuits related to the GSF,⁽²⁾ and which will be used to **extend the concession of plants** participating in the MRE (Surpluses Reallocation Mechanism).

Plant	Power (MW)	GF (MWaver age++)	Original expiry of concession	Extension – years	Cemig bid (R\$ million)	Goodwill premium
Irapé	399	197.9	Sep. 19, 2037	3	102.86	20%
Queimado*	86.6	53.6	Jun. 27, 2034	7	77.75	25%
Pai Joaquim	23	13.9	Oct. 15, 2034	7	18.79	20%
Total	508.6	265.4			199.40	

^{*}Amounts proportional to Cemig's 82.5% interest in the Consortium

The result represents 30 years' concession for a plant with capacity of 65.5 MW.



- (1) Auction aiming to remedy losses caused to generators operating local hydro plants (CGHs) in 2012–2017 due to dispatching outside merit order.
- (2) GSF Generation Scaling Factor. Ratio between actual generation and installed generation capacity. GSF was distorted between 2012 and 2017.

MODERNIZATION OF PLANTS

Salto Grande Hydroelectric Plant

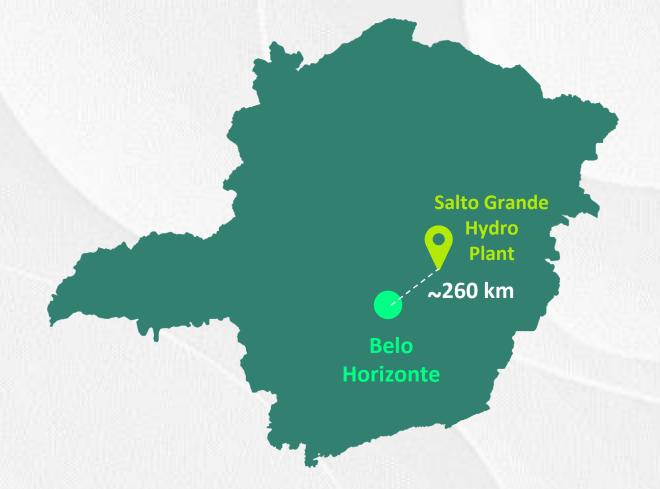


Municipality: Braúnas – Minas Gerais

• Power: 102 MW

Physical guarantee: 74 MW_{average}

• Start of operation: 1956



Execution: July 2024 to December 2029

Objectives:

- Technological update and extension of useful life –
 with refurbishment of the four generating units
- Ensure conditions for operation until the end of the concession (2053), preserving revenue and guaranteeing reliability
- Automate the plant to enable remote operation
- Maintain ability to meet power supply quality requirements

New dam of the Peti Small Hydro Plant







Municipality: São Gonçalo do Rio Abaixo, Minas Gerais

Focus on dam safety Dam built in: 1946 (79 years ago) Execution: Mar. 2024 to Sep. 2026

INVESTMENTS IN GENERATION



Expansion of Três Marias hydro plant

Capacity reserve auction

Adding: 163 MW

Currently: 396 MW



BESS Projects

Capacity reserve auction
- Batteries

2 x 30 MW

x4 hours = 120 MWh in each unit



Paraúna II Small Hydro plant

Energy Auction (MP 1304/2025)

26 MW

Existing Paraúna Small Hydro plant: 4.3 MW



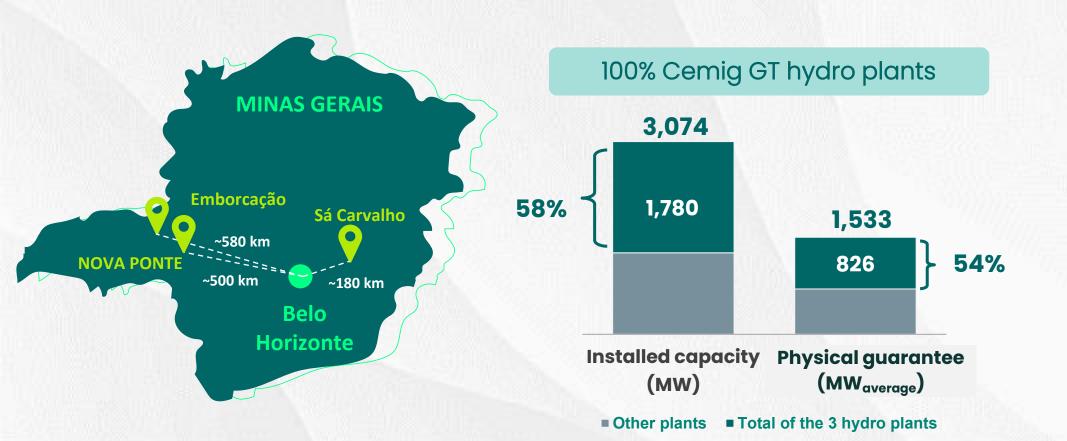
Três Marias
Jusante
associated
solar plant

Self-production

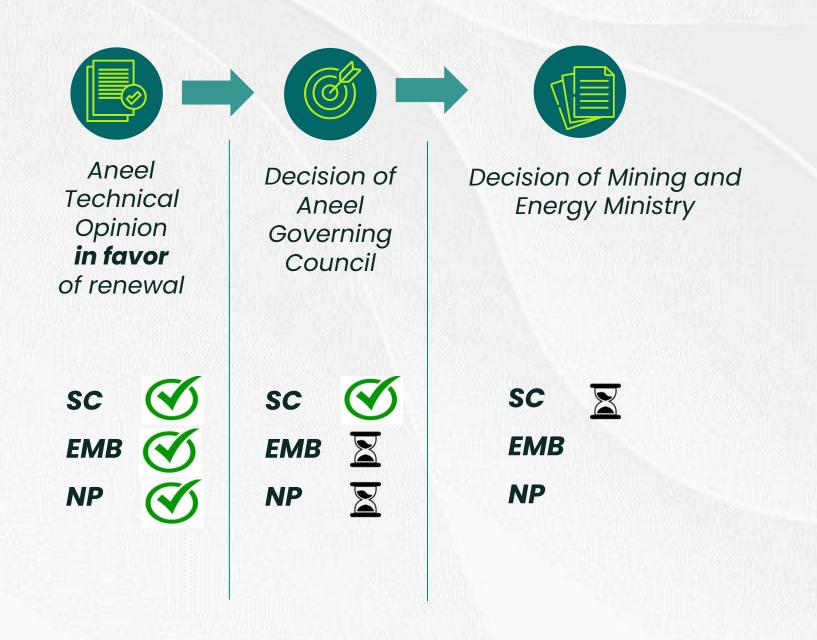
210 MW

RENEWAL OF CONCESSIONS





Cemig GT's applications for renewal of Quota Concessions under Federal Law 12,783/2013 are in progress:



PERSPECTIVES FOR GENERATION

Renovation, modernization, and repowering of existing assets



Opportunities in auctions and M&A



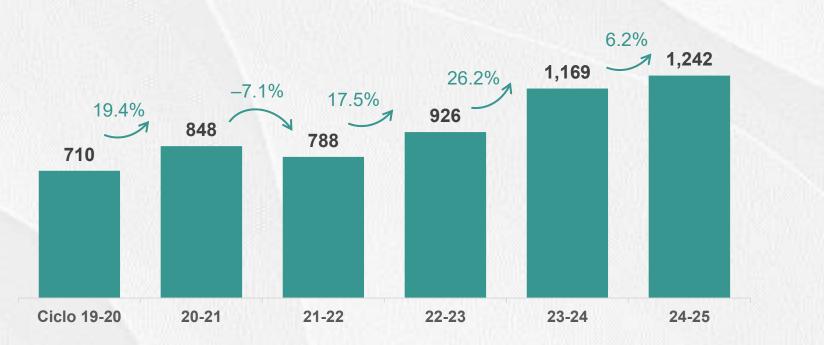
Associated, floating, and reversible plants



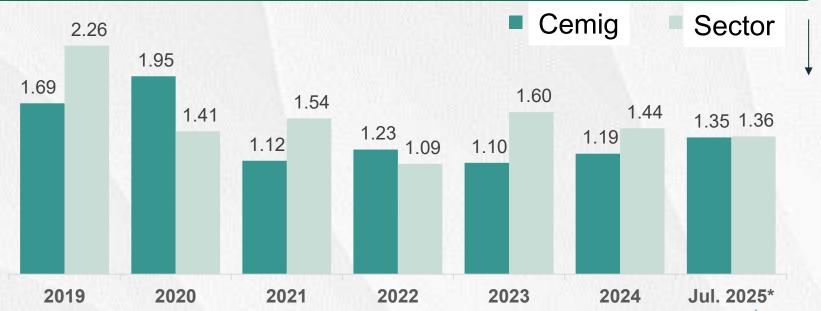


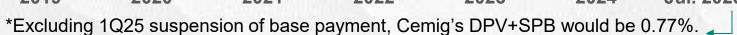
TRANSMISSION - OPERATIONAL NUMBERS

RAP (Permitted Annual Revenue) - R\$ million

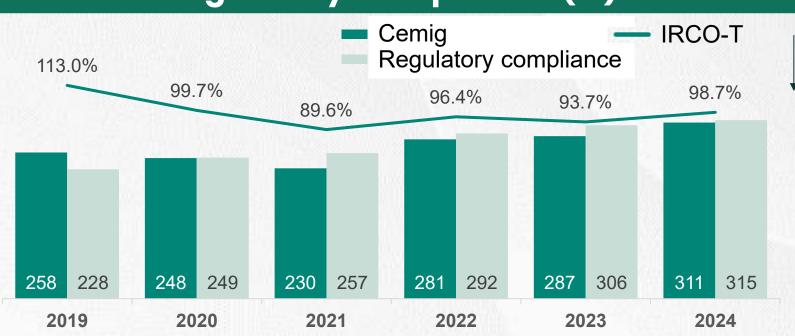


Variable deduction + suspensions (%)





Regulatory Compliance (%)



Transmission – strengthening and enhancement

contracts

22 suppliers 45 WORKS ON TRANSMISSION COMPONENTS

R\$ 2.4 billion contracted

RAP increased by R\$ 200 million since 2021







Volta Grande Substation

– new equipment



Taquaril Substation

– new transformers



Montes Claros 2 Substation
– new 138kV section

INVESTMENTS IN TRANSMISSION

CHANGES IN CONTRACTING VOLUME



The replacements contracted for power transformers in the last 3 years is equivalent to **30%** of the total installed transformation capacity in the Company's entire Transmission system.



INVESTMENTS IN TRANSMISSION



Substations: strengthening / enhancement

Contracting: 2026-2027

R\$ 728 million



Reactive compensators: strengthening / enhancement

Contracting: 2026-2027

R\$ 308 million



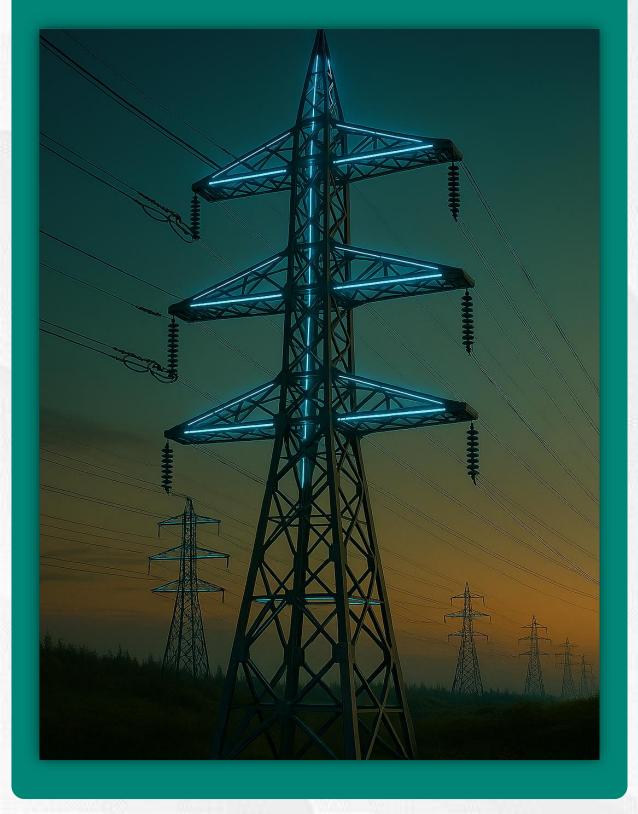
Transmission lines: strengthening / enhancement

Contracting: 2026

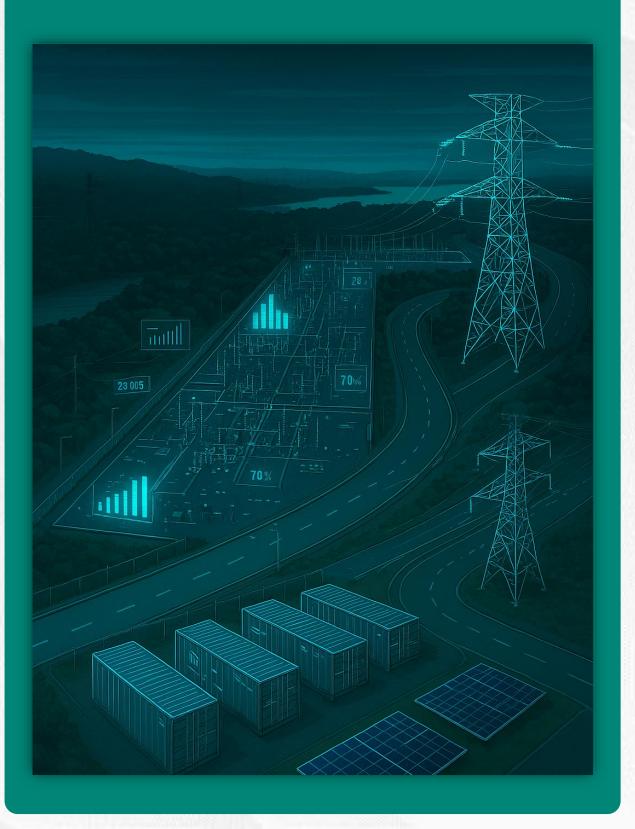
R\$ 159 million

PERSPECTIVES FOR TRANSMISSION

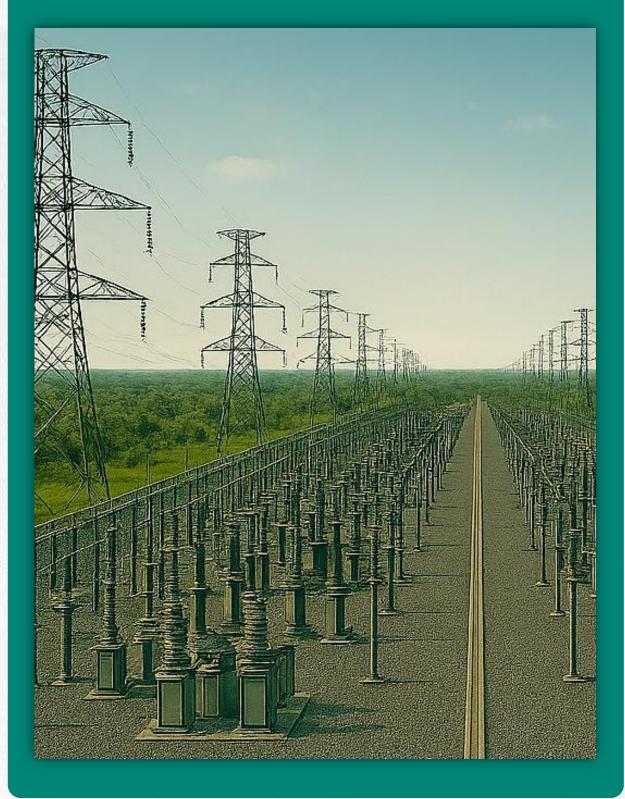
Capacity Upgrade of Transmission Lines



Digitization of Substations



Opportunities in M&A





CEMIG

CEMIG DAY 30th INVESTOR MEETING

VICE-PRESIDENT, INFORMATION TECHNOLOGY

Luís Cláudio Correa Villani



DIGITAL TRANSFORMATION

Focus on excellence in management and customer service

ADMS THE BRAIN OF THE SMART GRID

ADMS: Advanced Distribution Management System:

A software platform that centralizes the control and automation of power distribution networks.

It combines several technologies in a single interface:

✓ SCADA: Remote control and supervision

✓ OTS: Operator training simulator

✓ OMS: Outage management system

✓ **DMS/EMS:** Optimization of energy distribution

✓ **DERMS:** Distributed energy resource management system

Main objective: Enable power
distributors to monitor, control and
optimize the power grid in real time
for more efficient, secure and reliable
management.







WHAT IS DERMS

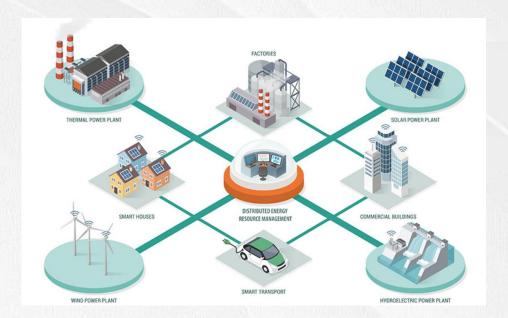
Managing the energy transition

DERMS – Distributed Energy Resource Management System – is a specialized **software** that **manages and optimizes** the **decentralized energy assets** in the electricity network.

Resources that be managed:

- ✓ Solar generation: Solar panels
- ✓ Storage: Battery systems
- ✓ Electric vehicles and their charging stations
- ✓ Flexible loads: Adjustable consumption equipment

Principal objective: Orchestrate thousands **of distributed generation and consumption points** to ensure **stability**, **efficiency**and **safety** of the power grid, enabling Distribution to operate as a DSO.



ADMS: Key benefits and features

Transforming electricity networks into smarter, safer and more sustainable systems

- √ Improved reliability:
 - Rapid detection and isolation of network failures
 - Significant reduction in outages times and frequency (DEC and FEC indicators)
- ✓ Operational efficiency:
 - Optimization of energy flow, reducing technical and commercial losses
 - Integrated management of renewable energy sources (solar, wind)
- ✓ Increased network resilience:
 - Automated response to extreme climate events and other disturbances
 - Ability to manage the network to minimize the impact of failures
- ✓ Smart decision making:
 - Advanced analytics and historical data to plan network expansion
 - Solid foundation for strategic investments and modernization

Complementary digital asset management projects, adding **mobility** for project and field maintenance teams, integrated with ADMS, GIS and SAP solutions



DERMS: Key Functionalities and benefits

DERMS: Key Functionalities and benefits

DERMS is the key for transforming the challenge of managing distributed resources into an opportunity to a network that is more resilient, clean and efficient.

- √ Visualization and Forecasting:
 - Maps and monitors all the distributed energy resources (DERs) in real time
 - Uses models to forecast levels of energy generation (e.g. solar) and consumption
- ✓ Optimization and active dispatching (subject to regulation by Aneel):
 - Coordinates the use of batteries and recharging of EVs to balance the network
 - Reduces operational costs, and maximizes use of renewable energy
- ✓ **Protects and stabilizes** the network:
 - Avoids technical problems such as overload and voltage fluctuations.
 - Ensures that the growing number of distributed energy resources does not compromise the security of supply
- ✓ Creation of Virtual Power Plants (VPPs):
 - VPPs are the result of grouping various distributed energy resources so that they operate as a single plant, supplying essential services to the network and creating new market opportunities.

Digital transformation

Strategic change from "in house development" to adoption of market solutions, with secure infrastructure modernization, data governance and optimization of processes with adoption of Al

Infrastructure modernization (resilience, and optimization of ownership cost)

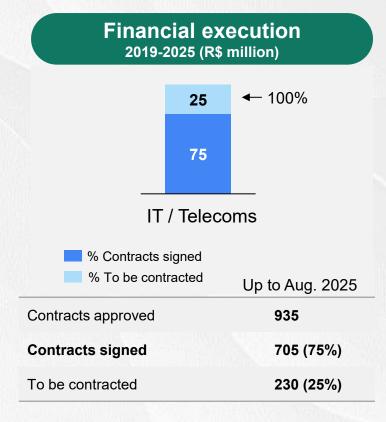
- Cloud computing, high availability of telecommunications;
- Increased maturity of IT/OT cybersecurity

Modernization of platforms (time to market with market solutions)

- Operation and projects: Schneider ADMS/DERMS, CEPEL Sage, GE Electric Office
- Energy Trading: Salesforce
- Management and Billing: SAP S/4HANA
- Collaboration: Microsoft Power Platform

Governance of data and AI (intelligent and efficient use of governed information)

- Infrastructure: Data lake, smart meters, sensors and Al models
- Applications: Al agents, innovation projects
- Governance: Policies and processes focused on data quality and security



"Bytes managing electrons – providing excellence in services and information to the Company and clients, in a way that is resilient, timely and safe."



CEMIG

CEMICS DA 30th INVESTOR MEETING

VICE-PRESIDENT, TRADING

Sérgio Lopes



2025 SECTOR HIGHLIGHTS / IMPACTS ON CEMIG

PRICE DIFFERENCES BETWEEN SUB-MARKETS:

Margins were hit from February to June by exposure to price differences between sub-markets. Reduction of R\$ 209 million

Difference between spot prices of Northeast and Southeast – R\$/MWh



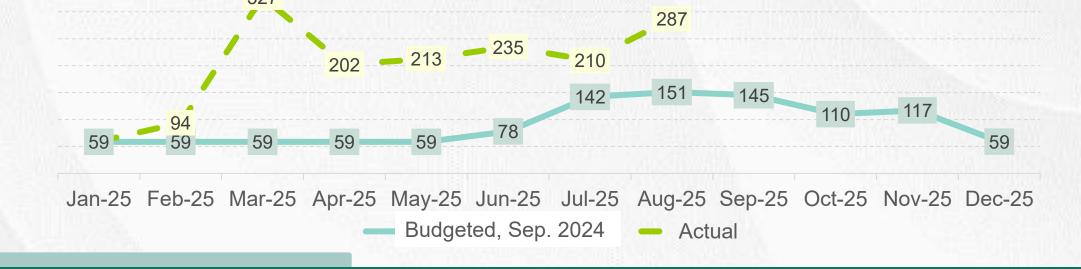
LESS LIQUID MARKET:

- Problems with counterparties reduced liquidity of the market, increasing in exposure
- Exposure to these counterparties generated a loss of R\$ 28 million through June.

Changes in the price formation model:

Increased aversion to risk of the model (CVAR), plus updating of structural fuel costs (CVU), and individualization of hydro plants, increased spot prices by more than expected.

Projected 2025 spot prices for the Southeast - R\$/MWh



2025 SECTOR HIGHLIGHTS / IMPACTS ON CEMIG

STRATEGY OPTIONS

Seeking growth in the most profitable segments, offering superior experience to that of competitors



Seek and develop strategic clients:

Create and offer specific products to selected specific clients

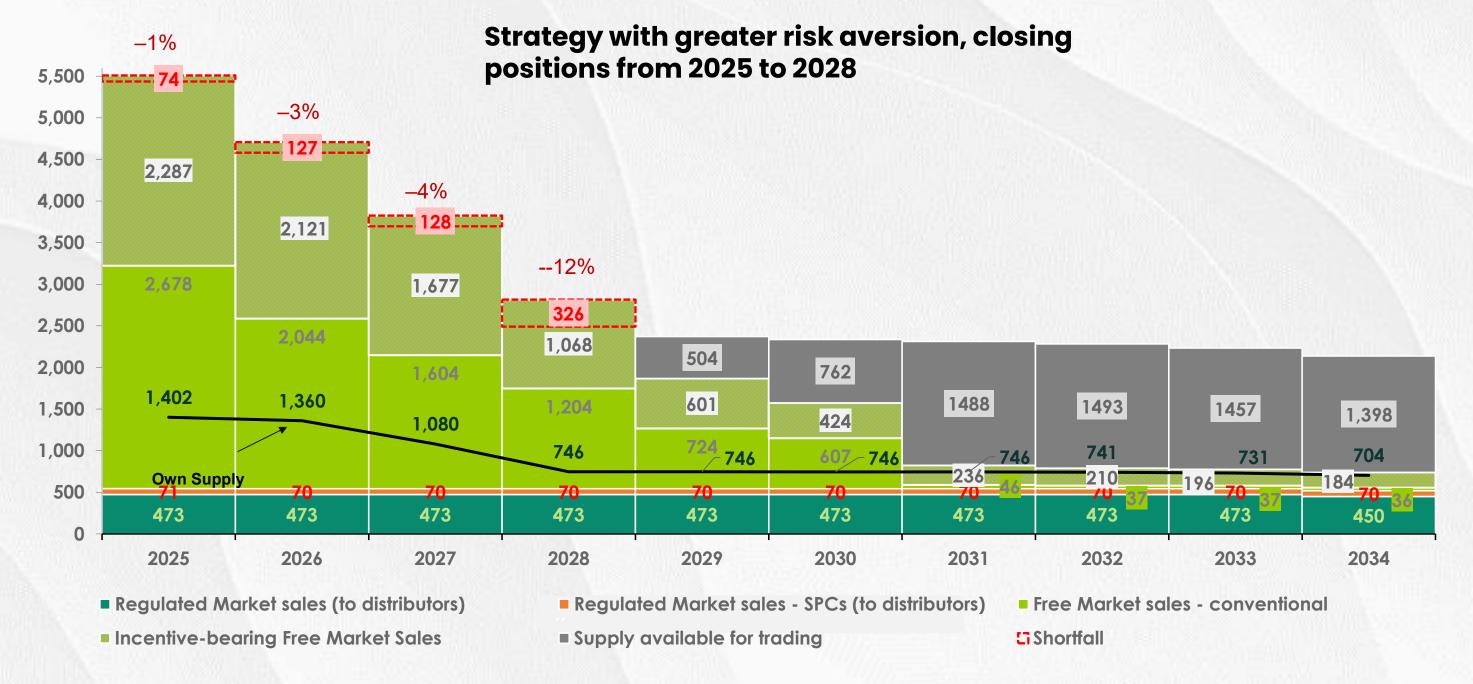
Increase sales effort in the Northeast region, reducing exposure to price difference



SOURCES AND USES - CEMIG GROUP*

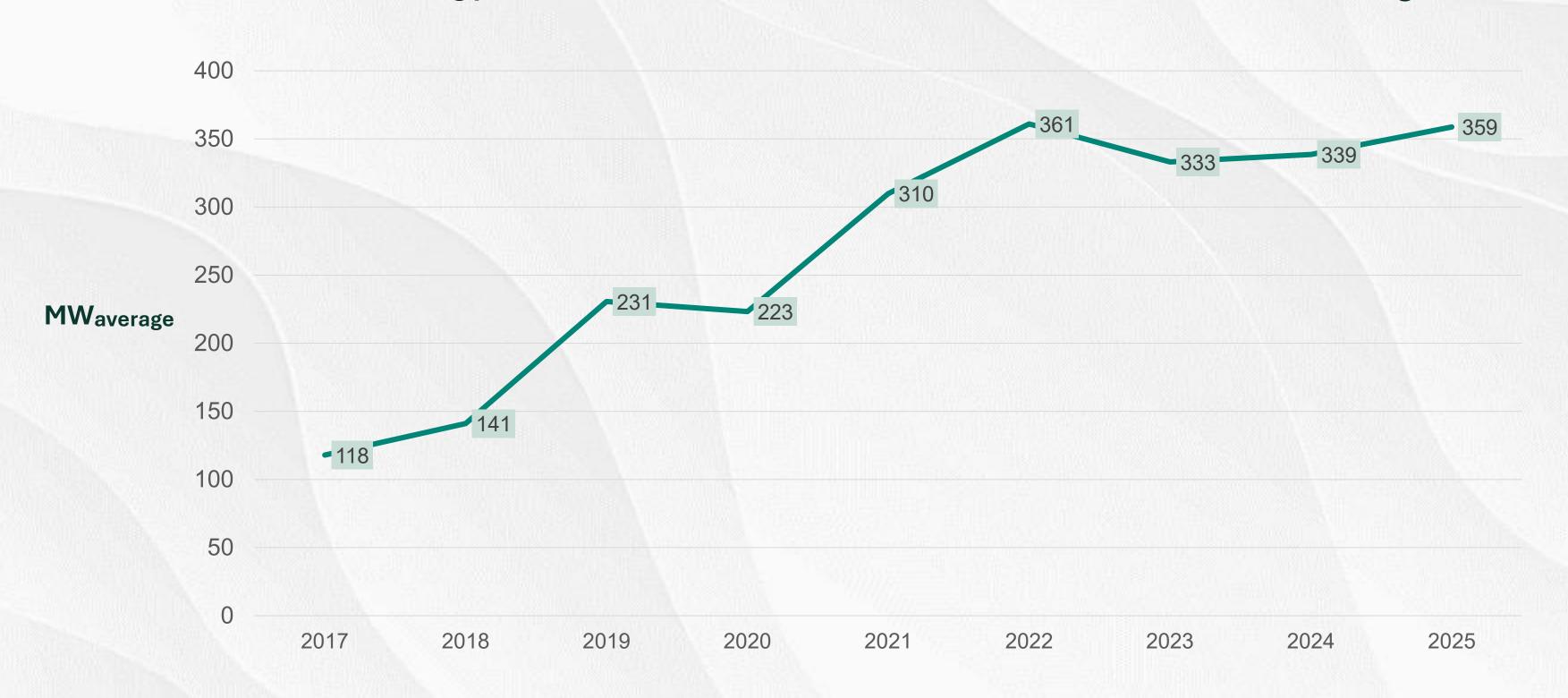
At August 2025

MWaverage



- (*) Includes the total availability of energy from Cemig Group companies (GT, H, Cemig Trading, Sá Carvalho, Rosal, Cemig Geração Itutinga, Cemig Geração Camargos, Cemig Geração Leste, Cemig Geração Oeste, and Cemig Geração Sul, plus the *Esperança* and *Jusante* solar plants), and energy traded as intermediaries by ESCEE and Cemig Trading.
- (**) In 2025 and 2026, own resources includes effect of expected GSF (0.889 for 2025, and 0.910 for 2026).

Sale of energy in the North and Northeast submarkets - Natural hedge

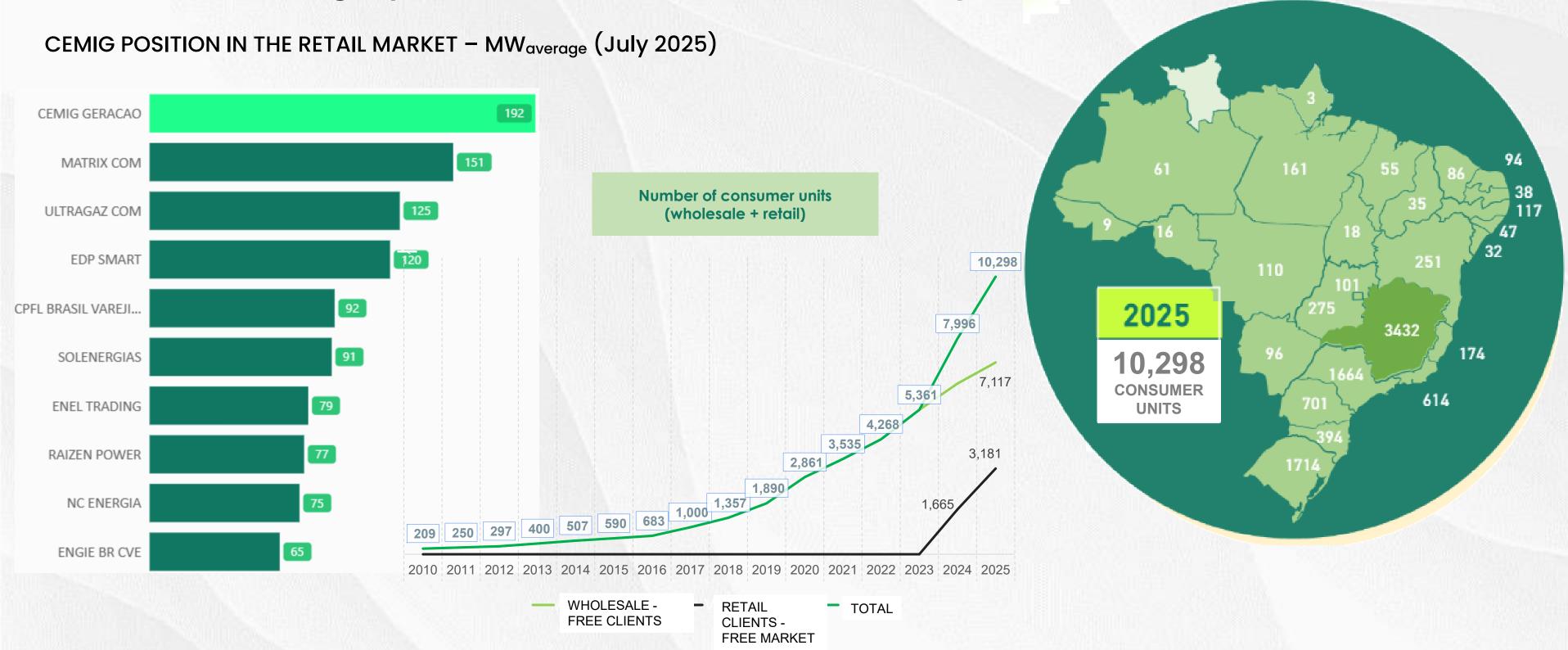


Appropriate trading strategy to maintain good results in terms of purchase and sale prices, and margins



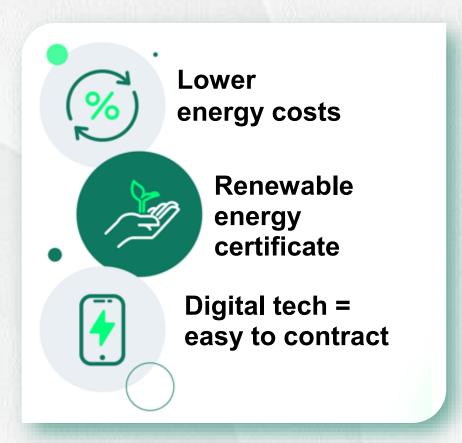
^(*) Operational margin. Difference between buying and selling prices, without considering sub-market effects.

Cemig's position in the Brazilian Electricity Free Market



ONLINE SALES | CEMIG IS PIONEER

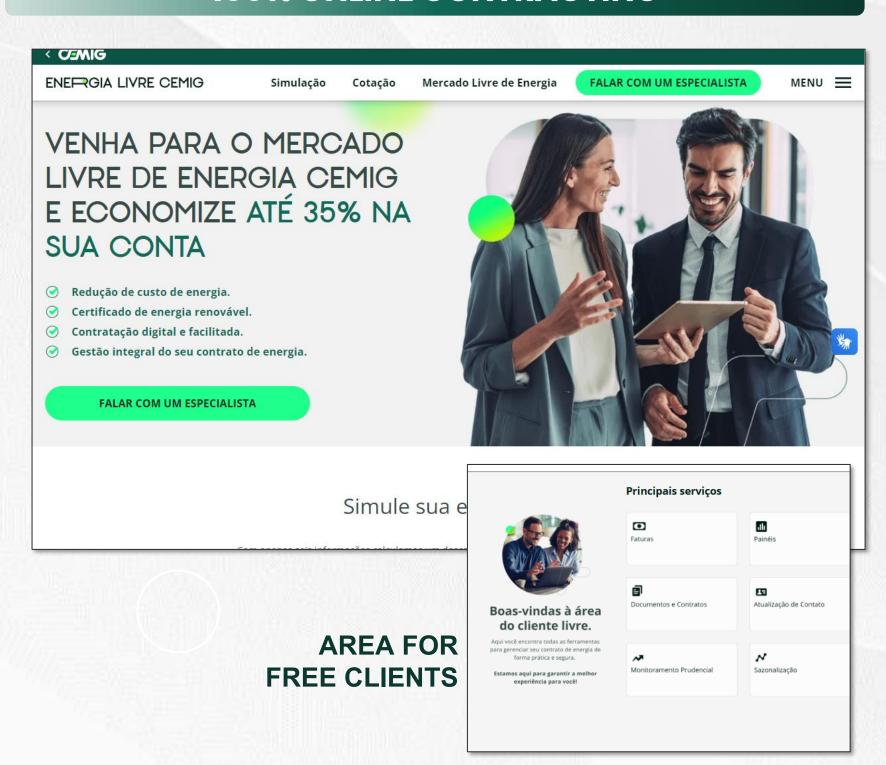
- SIMULATION
- PRICING
- CONTRACTING
- SOLUTIONS
- QUESTIONS
- BLOG
- CONTACT
- AREA FOR CLIENTS
- TALK TO A SPECIALIST



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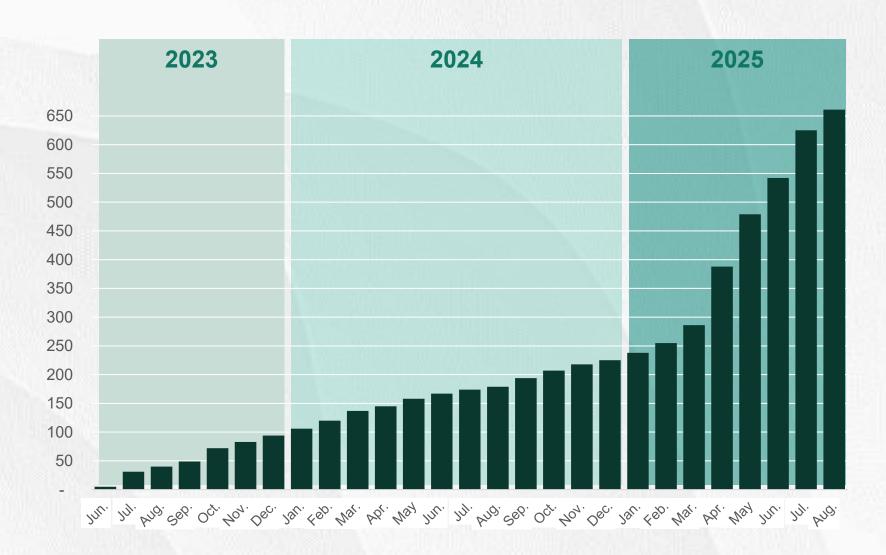


100% ONLINE CONTRACTING



REGISTERED PARTNERS – GROWTH

SINERGIA



661
REGISTERED
PARTNERS

857
CONTRACTS
SIGNED

125
PARTNERS WITH SALES MADE

TRAINING FOR PARTICIPANTS





CEMIG FREE ENERGY TRAINING

LEARN ALL ABOUT THE FREE ENERGY MARKET

Discover how to save, and gain commercial Independence, with Cemig's complete, free training on the FREE ENERGY MARKET.

Learn how you can take all the opportunities of this partnership.

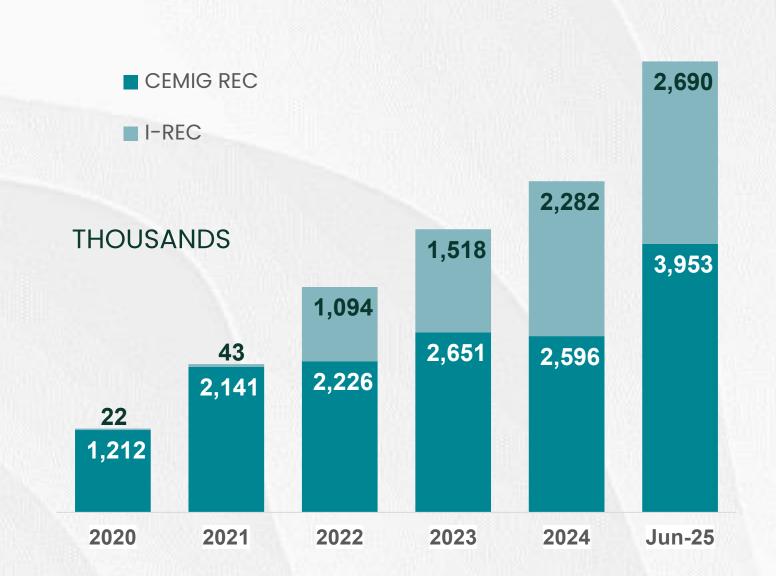
6Modules

20 lessons

minutes of content

I WANT TO SIGN UP

ISSUE OF CERTIFICATES - GROWTH



22,427 MILLION CEMIG REC



7,648 MILLION I-REC



CEMIG REC



I-REC



CEMIG REC SEAL







TOTALLY IN LINE WITH SUSTAINABLE DEVELOPMENT OBJECTIVES

Future prospects

