28th Cemig Investor's Meeting

THE BEST OF MINAS GERAIS TO YOU

A business meeting on leadership, with strategic discussions, networking opportunities, and a lot of updates on "Minas Gerais"

Welcome!





ACCELERATING CEMIG'S VALUE CREATION AND TRANSFORMATION

Reynaldo Passanezi Filho - CEO



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).

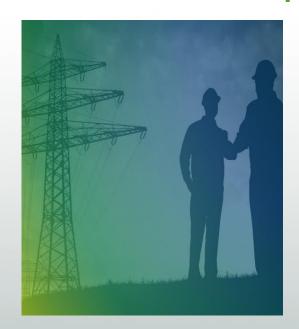
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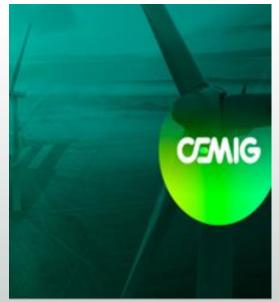




STRATEGY

INVESTMENTS FOCUSED ON MINAS GERAIS, SEEKING MAXIMIZATION OF RESULTS THROUGH SUSTAINABLE MANAGEMENT













New approach to capital allocation



Low investment in the regulated businesses – averaging 1.0 billion/year (in 2014-2019)



2009-2018
Investments outside Minas



2019 – 2022 Investing efficiently





Market valuation R\$ 28.2 billion At Dec. 2022:

Up 180% from September 2018,

- 2.2x appreciation of the IEE index,
- 5.8x appreciation of the Ibovespa)

^{*} Updated by IPCA+6% (Dec/22): dividends received, asset disposals and valuation





Greater financial health, and efficiency



Inappropriate level of leverage, with Net debt / Ebitda reaching 5x



R\$ 4.9 billion* in expenses exceeding the regulatory limit;

R\$ 2.8 billion** in energy losses



Inappropriate debt profile, with pressure on cash in short and medium term



2009 – 2018

Deterioration and indebtedness

** Based on tariff approved in 2022



2019 – 2022 Return of economic equilibrium







- Record Ebitda of R\$ 8 bn* in 2021
 - lower leverage, of 0.99x in 2022,
 - creating space to support growth





Stock price appreciation + dividends



TSR: -25.6%



-4.3 billion



Market value:

R\$ 9.9 billion



Dividends paid

R\$ 2.5 billion



2015 - Oct. 2018



Oct. 2018 - 2022



TSR: +235.4% +R\$ 23.5 billion



Market value: R\$ 28.2 billion



Dividends paid R\$ 5.27 billion



SUCCESS IN EXECUTION OF INVESTMENT PROGRAM

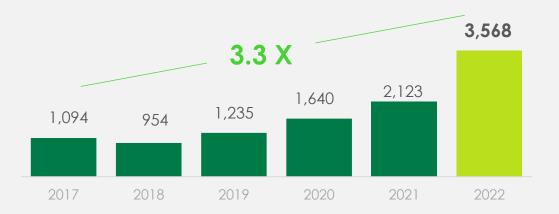






PROGRAM IN CEMIG'S HISTORY ENSURES

MODERNIZATION AND RELIABILITY OF CEMIG'S ELECTRICITY SYSTEM





DISTRIBUTION

R\$ 2,923 mn

Investments in maintenance and modernization of the electricity system



GENERATION

R\$ 137 mn

Expansion and modernization of generation



TRANSMISSION

R\$ 339 mn

Strengthening and upgrading – with increase in RAP



R\$ 82mn

Infrastructure



R\$ 53 mn

Infrastructure





Structural **investments**, with strong focus on **modernization** and **digitization** of assets, resulting in improved electricity supply **quality**, and **efficiency** of operational processes



Cemig Strategic Plan, 2021–2025

R\$ 22.5 Billion

Capex contracted

R\$ 18.2 Billion (81%)

Amount executed, 2021–2022

R\$ 5.7 Billion (25%)

ACCELERATING CEMIG'S TRANSFORMATION





Largest investment plan in Cemig's history – underlines the strategy: "FOCUS AND WIN!"

Focus on Minas Gerais

- in power generation, transmission and distribution, providing

excellent service to the client, with safety and maximum efficiency, through sustainable management based on results, while making the

largest investments in the company's history.



Investments of R\$ 42.1 bn in 2023–2027

Regulated sectors – networks with monopoly

- R\$ 18.4 bn in Distribution
- R\$ 3.5 bn in Transmission
- R\$ 2.3 bn in natural gas

Free markets – competitive environments

- R\$ 13.4 bn in generation
- R\$ 1.4 bn in innovation/IT
- R\$ 3.2 bn in distributed generation



- **R\$ 2.1 billion** cash inflow from disinvestments since 2019
- R\$ 1.9 billion of cash injections avoided (in the investees divested)
- **R\$ 1.1 billion** in tax credits

Stockholding interests – after disposals (number of investee companies)



Advantages gained (obligations reduced)

- Guarantees reduced
- PPA released
- Cash preserved (no cash injections)

Disposals completed: Light, Renova, Santo Antônio, Ativas, Axxiom









Serve **2 more meso-regions** of Minas Gerais

Expand use of the **existing gas pipelines**

Add 86,000 new clients

Build 917 km of network

Invest **R\$ 1.8 bilion** in the gas distribution system

Diversify suppliers of gas through public tenders

Study use of Biomethane in distribution



Strengthen
Gasmig's
presence in
Minas Gerais
State



CENTER-WEST PROJECT

- 300 km of network to be built
- Investment of R\$ 780 mn
- 24 months of works from 2023

EXTREMA PROJECT – POUSO ALEGRE

- Connection to transport pipeline
- 130 km of network to be built
- Investment of R\$ 780 mn
- Works from 2025

INVESTMENTS

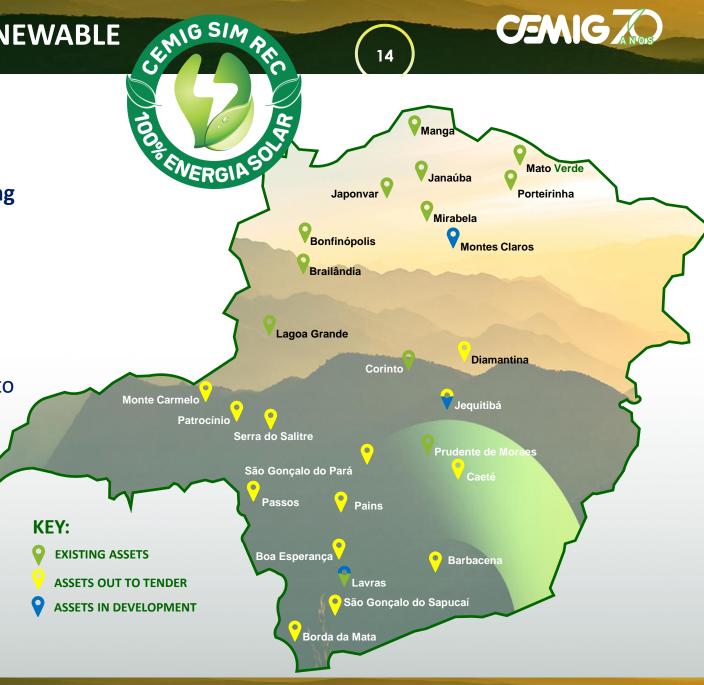
From 2019 to 2022 R\$ 175 mm was invested in buying assets, and R\$ 70 mn in closing transactions for new photovoltaic plants

R\$ 640 mm injected in 2023 for investments in expansion of the asset portfolio

These new investments will add 125 MWp of supply to clients, doubling the company's operational capacity

Target: **R\$ 3.2 bn** by 2027, adding **540MWp**

Average **real return** between **11% and 14%.**







We continue to be within the regulatory parameters, ensuring total coverage of our operational expenses

- 2022 opex of Cemig D was R\$ 199 million below the regulatory level
- Ebitda was R\$ 60 million above the regulatory level





Cemig reaffirms its **commitment** to sustainability through practices of **environmental conservation**, **social responsibility** and **corporate governance**



ENVIRONMENTAL PRACTICES

Proactive implementation of best environmental practices



SOCIAL WELLBEING

Action to enable social development through directed initiatives



CORPORATE GOVERNANCE

Corporate governance model led by transparency and equity





Consolidation of a progressive organizational culture, creating a secure, meritocratic, diverse and inclusive environment, enabling sustainable enterprise results

CULTURE THAT VALUES THE CLIENT

Client satisfaction as principal factor directing the organization's culture

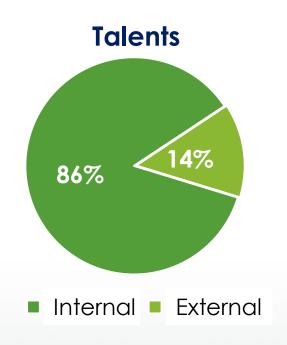


CULTURE OF **EXCELLENCE**

Inspirational leadership, high-performance teams, meritocracy and excellent results

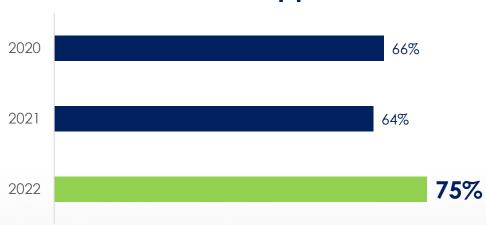






- Management decision: up to 40% of leadership positions can now be offered to talents in the market
- Opportunity to combine the vast experience of the 'family silver' with best talents from the market





- Highlights of the approval ratings:
 - Overall satisfaction (86%),
 - **Diversity (82%)**
 - Opportunity for growth (64%)





LOW INCOME TARIFF

- 1,187,000 families benefited
- Number of beneficiaries increased by more than 100% from 2018 to 2022
- Inclusion of a total population equal to that of Belo Horizonte
- Families inscribed save an average of R\$ 56.00 per month* on their energy bills



ENERGIA LEGAL program

- Regularize supply in poor communities
- Greater safety for the population
 - lower non-technical losses
 - increased quality of supply
- 240,000 families benefited by 2027, for investment of ~R\$ 1 billion



MINAS LED program

- 490 municipalities participating
- More than 120,000 public lighting points will be replaced
- Investment of R\$ 103 million



• B3 SUSTAINABILITY INDEX – 2022

DOW JONES INDEX

IN THE DOW JONES INDEX FOR THE LAST 23 YEARS



AMBITION NET ZERO

INVESTMENTS IN CLEAN GENERATION;
DE-ACTIVATION OF CEMIG'S ONLY THERMAL PLANT IN 2029

GREEN BONDS

FIRST-EVER ISSUE IN CEMIG'S HISTORY
OF DEBT SECURED ON SUSTAINABLE PROJECTS









TOP-RANKED
BRAZILIAN COMPANY
IN
CARBON CLEAN200™

"

Annual Global ranking of the 200 listed companies that led initiatives for transition solutions – for a CLEAN ENERGY FUTURE

CONSERVATION AND REFORESTATION OF ATLANTIC FOREST AND CERRADO TO RESTORE LOCAL LANDSCAPE AND BENEFIT BIODIVERSITY



Planting of more than

1 million saplings
In the next 5 years



Maintenance of **1200 hectares** (equivalent to 1,200 soccer fields)



Investment of More than **R\$ 107 million** in **2022**



In line with the Global
Biodiversity Framework
and SDG15



THE **ENERGIA LEGAL** ('LEGAL ENERGY')

PROGRAM TO REGULARIZE ELECTRICITY

SUPPLY TO 240,000 FAMILIES

IN LOW INCOME COMMUNITIES

BY 2027, WITH FOCUS ON

CITIZENSHIP AND SOCIAL RESPONSIBILITY

- Prevention of accidents
- Improvement of quality in supply of energy
- ✓ Less overload on lines, less burnout of equipment
- Mitigation of impacts on the environment
- Less waste in energy consumption
- Less losses for the distributor, society and Minas Gerais state

















ACHIEVED

- ✓ Opex below regulatory limit (annual basis)
- ✓ Non-technical losses below regulatory level
- ✓ DEC outage indicator within regulatory limit
- ✓ Bonds liability management
- Strengthening of Cemig D's Investment Program



- ✓ **Divestment** of **non-strategic** assets
- Restructuring of postretirement benefit plans
- ✓ **Digital transformation** and investment in technology
- ✓ Investment in renewable generation sources (wind, solar)



- Renewals of concessions
- Growth in retail electricitysales



ANALYSIS OF THE RESULTS 2022

Leonardo George de Magalhães - CFO



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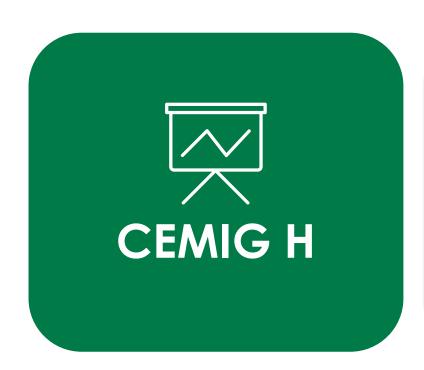
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~30% of Trading contracts transferred from Cemig GT to Cemig H.



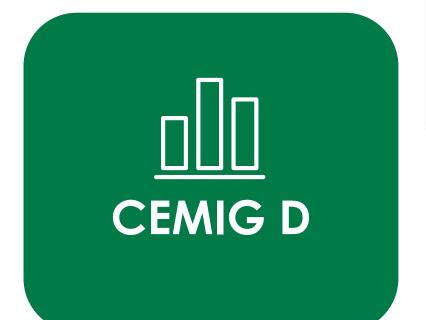
Outsourced-supplier energy contracts transferred in 2022

Ebitda in 4Q22: R\$269 mn Ebitda in 2022: R\$721 mn









Operational efficiency and investments translate into robust results in 2022

Ebitda: R\$2.6 bn (down 0.5% YoY)

Net Profit: R\$1.5 bn (up 3.9%

YoY – adjusted basis)

We reached an important milestone – Cemig now serves

9 million consumers



Cemig's quality indicators demonstrate our commitment to **excellent in** service:

DEC: 9.48h

FEC: 4.58



*DEC: average outage duration (hours) FEC: average outage frequency (times/year)









Strong results

indicate assertiveness in decision-making



Ebitda: R\$2.7 bn (up 36.6%

YoY)

Net Profit: R\$2.0 bn (up 160.6% – adjusted basis)



FX exposure reduced by U\$244 mn

Rating agencies recognize improved risk perception



Our FX exposure is now **U\$756mn**, close to half the **U\$1.5bn** contracted in 2017/2018



CEMIG'S CONSOLIDATED 2022 RESULTS









		EBITDA		PROFIT	
R\$ mn	2021	2022	2021	2022	
IFRS	8,000	6,869	3,753	4,094	
Provision – Credits of PIS/Pasep/Cofins taxes on ICMS - VA	-	830	-	548	
MVE (Excess Supply Sale Mechanism)	-	-204	-	-144	
Gains on renegotiation of hydrological risk	-1,340	-	-989	-	
Other adjustments	-727	-567	-445	-374	
FX exposure – Eurobond hedge	-	-	913	97	
RECURRING	5,933	6,928	3,232	4,221	

CEMIG H

Transfer of third-party contracts to Cemig H.

EBITDA

R\$721 mn

Net Profit

R\$476 mn

CEMIG'S CONSOLIDATED RESULTS FOR 4Q22







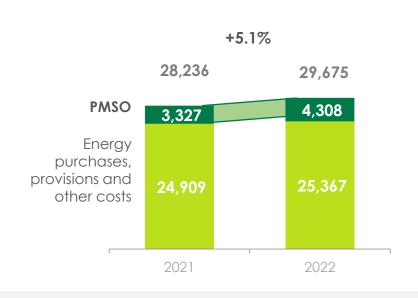


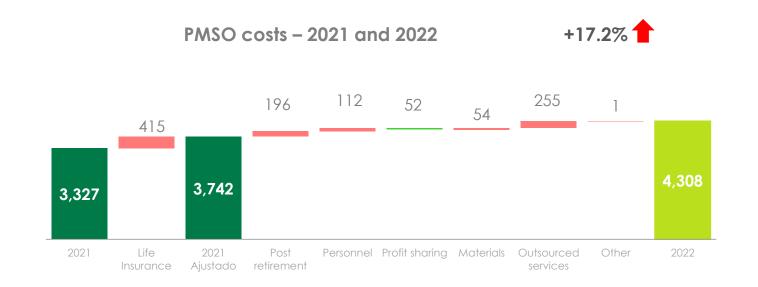
	EBITDA		PROFIT	
R\$ mn	4Q21	4Q22	4Q21	4Q22
IFRS	1,654	1,969	963	1,406
MVE (Excess Supply Sale Mechanism)	-	-204	-	-144
Write-down of post-retirement life insurance obligation	-415	-	-274	-
Other adjustments	253	-106	236	-70
FX exposure – Eurobond hedge	-	-	67	12
RECURRING	1,492	1,658	992	1,204

CEMIG H Transfer of third-party contracts to Cemig H. EBITDA R\$269 mn Net Profit R\$177 mn









Increase in personnel expenses due to:

- 11.8% salary adjustment of 2021
- PDVP Voluntary Retirement Plan (cost R\$ 78 million)

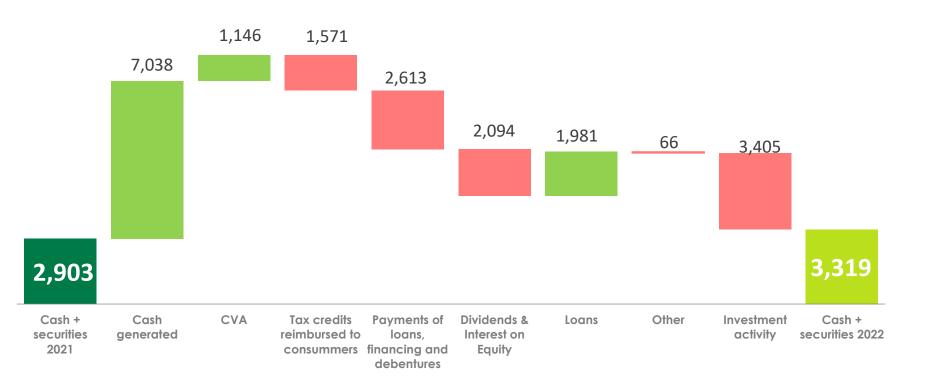
Cost of outsourced services 17.7% higher than in 2021

Greater investment in service quality:

- maintenance and conservation of equipment
- communication with clients
- increase in number of collection agents









ROBUST CASH GENERATION

- SUSTAINS EXECUTION OF
- INVESTMENT PLAN
- ENSURES FUTURE LIQUIDITY

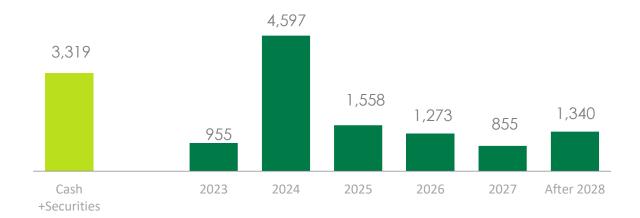
CONSOLIDATED DEBT PROFILE

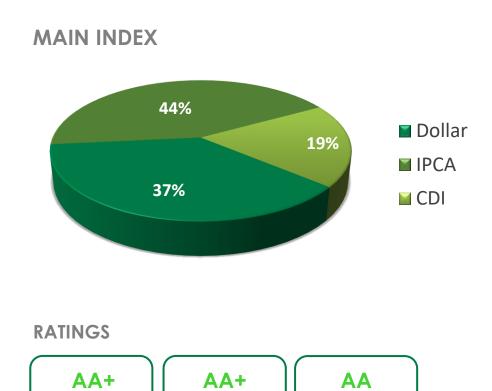




Maturities timetable Average Term 3.2 years

Net debt (Debt – Cash and Securities): R\$7.3 Bn Total net debt (Net debt – Hedge): R\$6.6 Bn





Moody's

FitchRatings

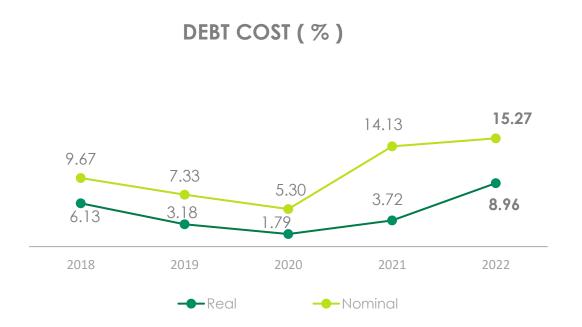
S&P Global

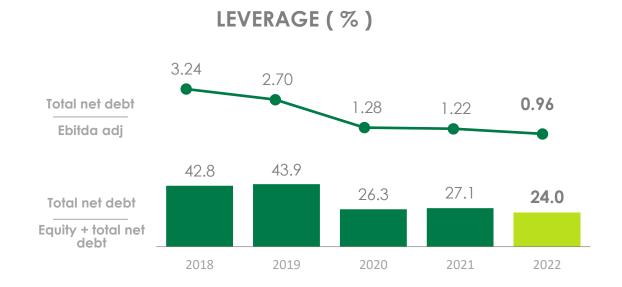
Ratings

Hedge of debt in USD: Within FX variation band – converted to % of Brazilian CDI rate.









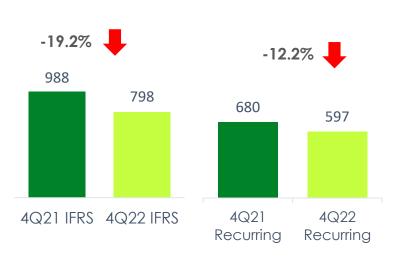
Lower **FX exposure** and **robust cash generation** keep **leverage** close to 1X

Results maintain market optimism on Cemig's financial solidity









NET PROFIT



	EBIT	DA	Net I	rofit
2\$ mn	4Q21	4Q22	4Q21	4Q22
IFRS	988	798	561	460
Write-down of post-retirement life insurance obligation	-309	-	-204	-
MVE (Excess Supply Sale Mechanism)	-	-204	-	-144
Other adjustments	-	3	-	2
RECURRING	680	597	358	318



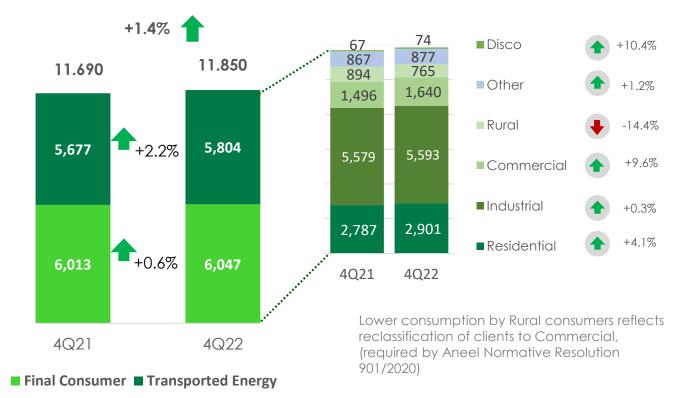
Excess Supply Sale
Mechanism(MVE) guarantees
extraordinary revenue for the
distributor and contributes to
the tariff modicity

CEMIG D - POWER MARKET





CEMIG D: BILLED MARKET + TRANSMISSION (GWh)



Distributed Generation Energy injected





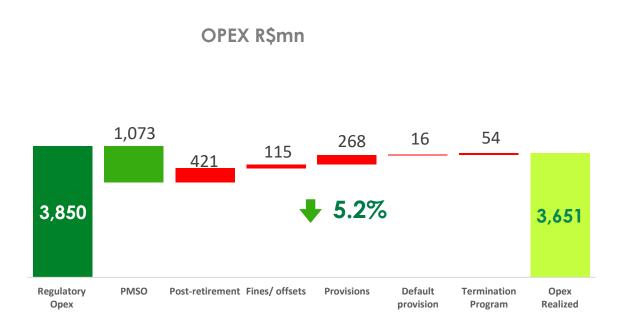
of the total energy consumed in Cemig D's concession area

Volume of energy distributed **1.4%** higher – even with strong migration of captive clients to Distributed Generation

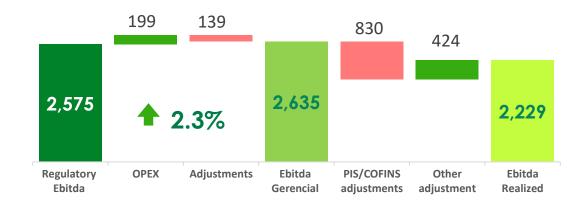
CEMIG D - OPERATIONAL EFFICIENCY







EBITDA R\$mn



Keeping within regulatory limits – 100% coverage of total operational expenses.

- 2022 Opex: **R\$ 199 million** below the regulatory maximum
- 2022 Ebitda: R\$ 60 million above the regulatory minimum





Ebitda



Net Profit



	EBIT	DA	PRO	OFIT
R\$ mn	4Q21	4Q22	4Q21	4Q22
IFRS	298	700	-51	430
Gain from agreement between FIP Melbourne and AGPar	-	-28	-	-19
Adjustment for impairment of investments (Santo Antônio)	204	-	204	-
FX exposure – Eurobond hedge	-	-	67	12
Other adjustments	-38	-30	-25	-19
RECURRING	464	642	195	404

CEMIG GT

Transfer of third-party contracts to Cemig H.

EBITDA

R\$269 mn

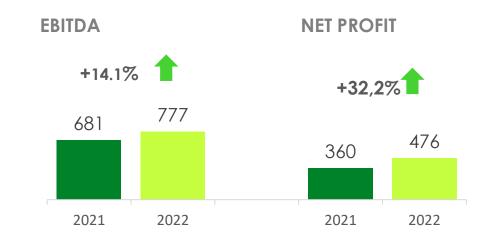
NET PROFIT

R\$177 mn





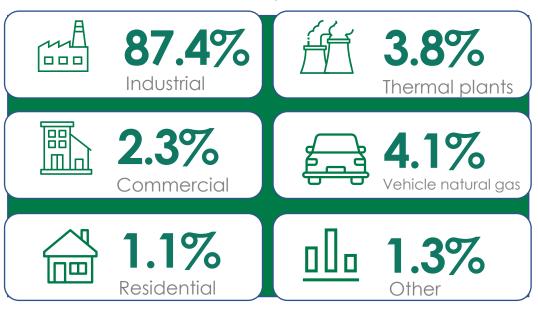
Ebitda up **14.1%** in 2022, in spite of volume sold to final consumers **27.1%** lower



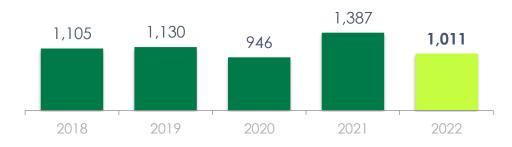
2,8 million m³ Average volume per day

SEGMENTS SERVED | % VOLUME M3

16



Natural gas volumes sold | million m³







Shareholder compensation among the highest in the sector

Our dividend policy, **payout de 50%**, provides adequate remuneration to our shareholders and allows us to execute our **Investment Plan**



The Board of Directors resolved to submit to the Annual General Meeting ("AGO") to be held in April 2023, the following proposal for allocation of net income for 2022.

For more details about record date, ex-dividend date, values per share, visit the IR website DIVIDENDS - CEMIG RI





STRATEGY



Focus on the Client

Optimize revenue management

Combat **losses**, improve **collection**, keep within regulatory parameters

Increase operational efficiency, applying

innovative and technological solutions

Induce market expansion by increased investments





LARGEST INVESTMENT IN CEMIG'S HISTORY

CAPEX in 2018-2022: R\$ 7.2 billion

HIGH VOLTAGE



R\$ 2.5 billion – 64 substations (new stations + expansion), 1,800 km of lines

MEDIUM VOLTAGE



R\$ 2.9 billion – 118,000 works, connection of >900,000 new clients and 194,000 new installations in Distributed Generation

PROTECTION OF REVENUE



R\$ 0.4 billion – 235,000 smart meters, substitution of 862,000 obsolete meters

IMPROVEMENT OF NETWORKS



R\$ 1.4 billion – 18,500 reclosers, upgrading of thousands of km of network

CAPEX in 2023-2027: R\$ 18.3 billion

MINAS 3-PHASE PROGRAM



Conversion from single phase to 3-phase





Construction of

3,524 km of distribution lines



1,250,000 smart meters



'Low-voltage Zero':

246,000 connections to

combat losses



MORE POWER program:

Construction of

136

Substations



Structural investments: **new positioning** in the market

136 new substations

2023-2027 cycle

In 2023 27

In 2024 30

In 2025 32

In 2026 31

In 2027 16

Investment of R\$3 bn



MEDIUM VOLTAGE: ENABLING NEW LOADS





New **structural works**, especially **new substations**, will ensure the ability to carry new load totaling **2,221 MW** in all the regions of the State

Connection of future loads in progress







Buritizeiro 2 Substation

AFTER

(2022)

DIESEL GENERATORS

Client had a **group of diesel generators** to supply its demand.

As well as the high cost to the client, this demand was not being met by Cemig.

NEW SUBSTATION

As from November 2022, this client is now served by a

NEW, 25 MVA, 138-34.5 kV SUBSTATION:

SE Buritizeiro 2

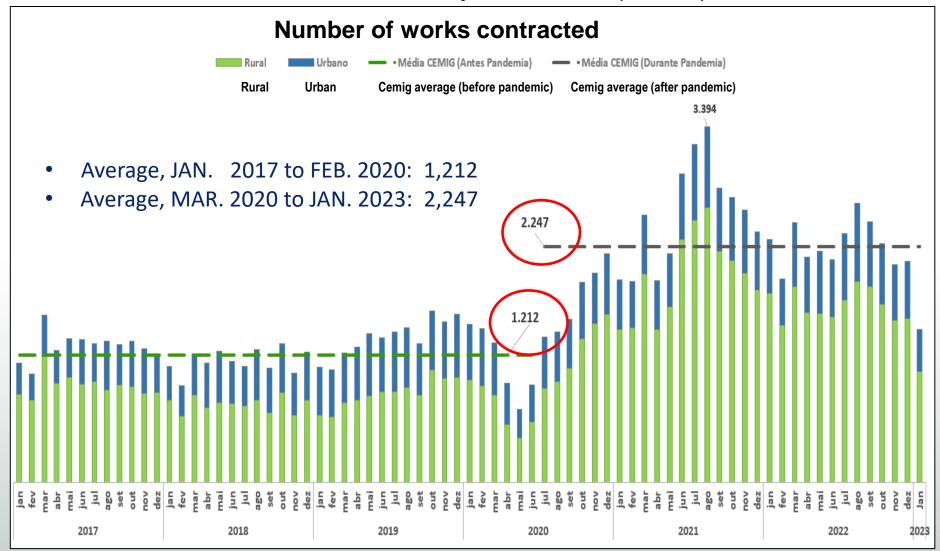
Demand: 4 MW.

REQUESTS FROM CLIENTS – WORKS





Orders per month almost doubled after start of the pandemic, especially from rural clients



GROWTH IN DISTRIBUTED GENERATION

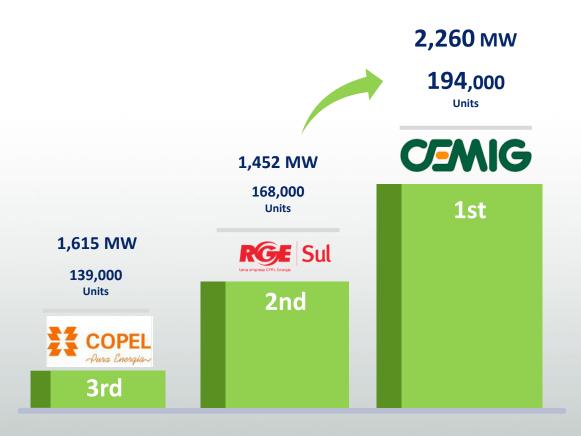


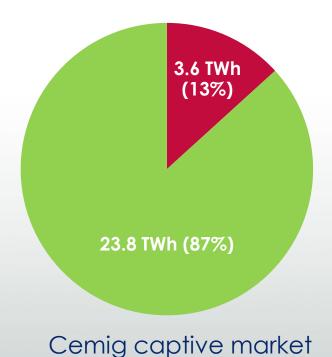


Cemig has the highest volume of **Distributed Generation** in Brazil

DISTRIBUTED GENERATION

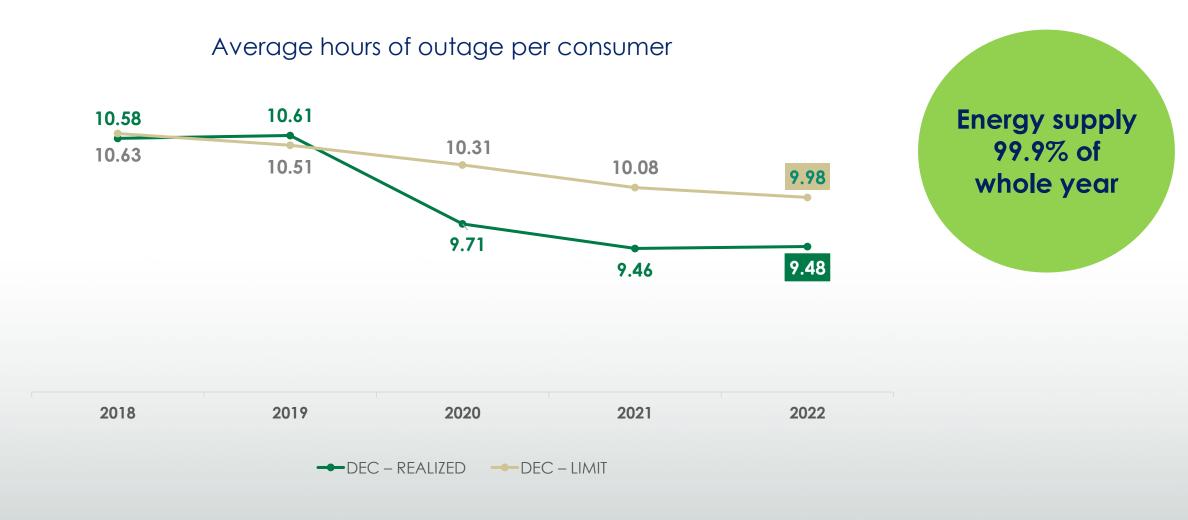
Cemig D: Captive market in full year 2022 (%)











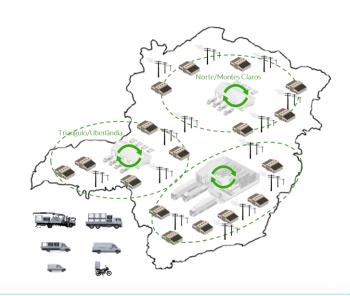
(DEC: Average Outage Duration per Consumer)



8

Inventory is closer | Haulage optimized

- Better service to clients: More distribution centers, routes, integration
- Lower inventory: The right material, in the right quantity, at the right places



Network complexity reduced

- Operator responsible for disposal
- Lower stock of scrap







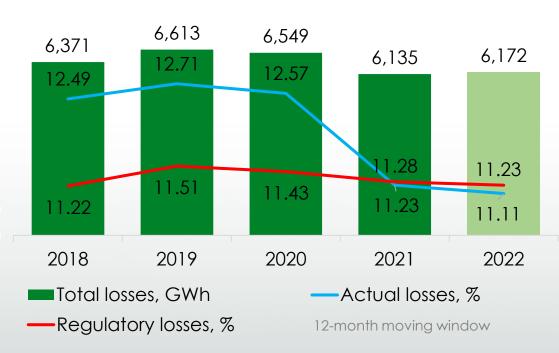






Actions of our **Energy Recovery Plan** have kept **energy losses** below the regulatory limits for the second year running





Main initiatives (2022)

- √ 401,000 client inspections
- √ 862,000 obsolete meters replaced
- ✓ 235,000 conventional meters replaced by smart meters
- √ 4,300 clandestine connections regularized

Commitment to keep energy losses within regulatory limits

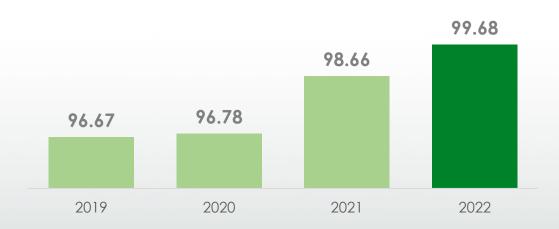
COMBAT OF DEFAULT IN CEMIG D





RECEIVABLES COLLECTION INDEX (ARFA)

(Collection / Billing, %)





Our

Collection/Billing ('ARFA')
index rose to a new annual
record of 99.68%,
strengthened by clients
migrating to online
payment methods

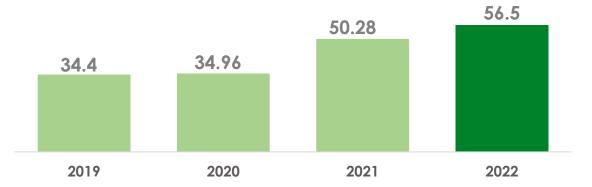
COLLECTION – DIGITAL CHANNELS





COLLECTION – DIGITAL CHANNELS (%)

PIX, credit card, apps, automatic direct debit, terminals, other media



COLLECTION – AVERAGE TARIFF (R\$)

How the average has changed – per client billed and collected





Change in clients' payment behavior – motivated by the Company's incentive campaigns and its making new channels for payment available

OPEX: Cost of collection operations was 10.5% (R\$ 9.0 mn) lower in 2022 than 2021

The **PIX** nationwide instant payment system, first made available in May 2021, is now already **12,8%** of all collection (Feb. 2023).

DOUBTFUL DEBTORS PROVISION





ESTIMATED TOTAL CLIENT DEFAULT PROVISION (R\$ MN)

Supply of electricity and use of network



Default provision reduced – main reasons:



Strengthening of collection activities: **20% increase** from 2021

Improvement in calculation criteria (good market practices, evolution of collection criteria via Machine Learning);



Billing collected for irregular consumption in prior periods generated revenue of R\$ 104.4 mm (up 29% from 2021)





Initiatives planned for 2023

- Campaign for payment by PIX; digital invoicing
- Past due notification by WhatsApp and the Cemig Atende app
- 2 million temporary disconnections of supply for default
- 80,000 remote suspensions via smart meters
- 6 million Serasa and SCPC credit registry postings, or notary's-office protests
- Campaigns for renegotiation of debts
- Regularization of the debt of Public authorities and hospitals, together with Energy Efficiency actions
- Credit cards accepted for past due debts (bulletproofing our credit risk)
- Expansion of the Social (low-income) Tariff





- The DGT portfolio
- Outlook for the Brazilian power sector
- Opportunities and initiatives of CEMIG GT

The DGT portfolio



Generation

3.3 GW







2

Transmission





47

5,000 km

substations

Key

Wholly-owned SPCs – hydroelectric

Wholly-owned SPCs – Wind plants

Wholly-owned SPCs – Transmission

Affiliates and subsidiaries

Cemig Generation and Transmission

Cemig Ger. Três Marias S.A.	100%	100%	Praias do Parajuru	
Cemig Ger. Salto Grande	100%	100%	Volta do Rio	
Cemig Ger. Itutinga	100%	100%	Centroeste	
Cemig Ger. Camargos	100%	100%_	SLTE	
Cemig Ger. Leste	100%	82.5%	CEB Consortium - Queimado	
Cemig Ger. Oeste	100%	49%	Cachoeirão	
Cemig Ger. Sul	100%	49%	Pipoca	
Sá Carvalho	100%	49%	Guanhães	
Rosal Energia	100%	49%	Paracambi	
Cemig PCH	100%	69.4%	Baguari Energia	
Horizontes Energia	100%	49%	Itaocara	
Cemig Ger. Poço Fundo	100%	_		



- The DGT portfolio
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ESG AGENDA, AND POWER SECTOR TRENDS



The power sector is undergoing transformations



The energy transition



Metering – a technology revolution



New entrants and business models





Reinvention of traditional utilities



Evolution of regulation



Expansion of sources – based on wind and solar

Storage

Digitalization

Empowering the client

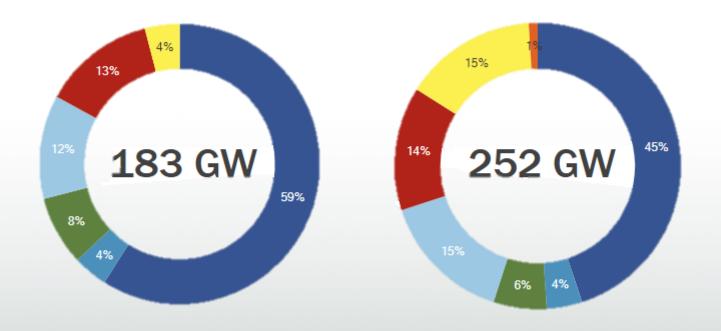
Exponential growth in solar DG

Electrification (e.g. electric vehicles)

Expansion of the generation supply base



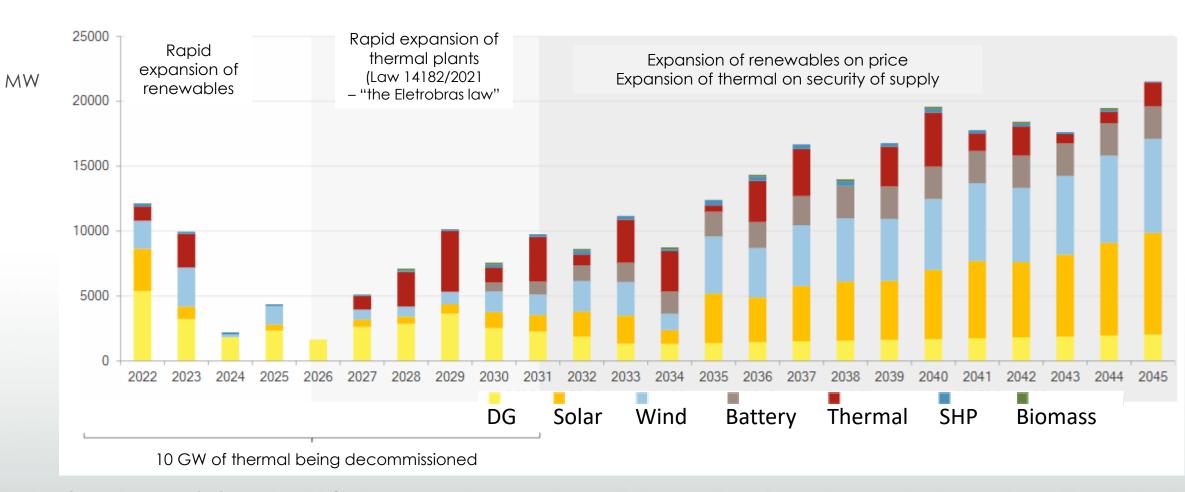




- Expansion of the generation supply base in the coming years is based on alternative sources, especially solar (Mini and Micro DG) and wind, and also a larger contribution from thermoelectric.
- Projections indicate **growth** in the generation base of **more than 30%** in the next 10 years.

EXPANSION OF GENERATION BASE





Sources: Aneel, Thymos Energia.



- The DGT portfolio
- Outlook for the Brazilian power sector
- Opportunities and initiatives of CEMIG GT

As well as the established technologies

- hydroelectric, photovoltaic and onshore wind –
 Cemig is attentive to the world trends in energy:
- Integrated Energy Solutions
 - Hybridization, Association
- The Capacity Market
- Green H₂
- Offshore wind



INTEGRATED ENERGY SOLUTIONS



Hybridization and Association

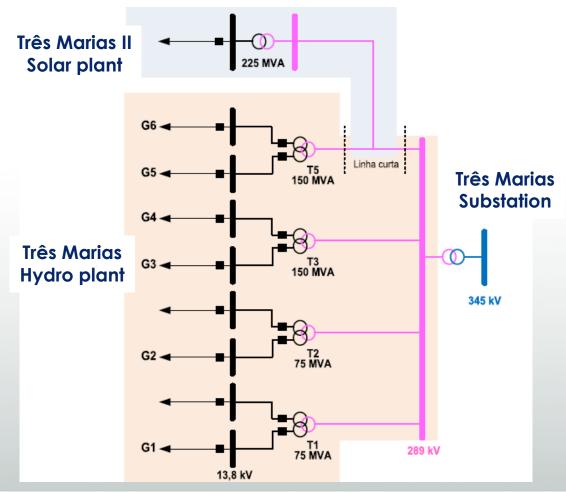
Based on Aneel Normative Resolution (REN) 954/2021, structuring of associations of solar plants with the hydroelectric plants for which Cemig GT has concessions is at the study phase. The main projects are:

- Três Marias (information on access viability)
- Nova Ponte
- Emborcação
- Irapé

\$

Shared connection structure between a solar and a hydroelectric plant, using spare capacity of the hydroelectric plant for outflow:

 this would also plan to contract zero MUST (commitment to specified predicted demand) for the solar plant. Simplified diagram of proposed connection at the Três Marias 289kV substation for association between the Três Marias hydroelectric plant and the Três Marias II photovoltaic plant:



THE CAPACITY MARKET



This market was created by Law 14120/2021 as a way to guide expansion to renewable sources.



Cemig is attentive to the opportunities, with the following studies:

- Additional generation units at the Três Marias hydroelectric plant.
- Development of thermoelectric projects for Reserve Capacity Auctions
- Plan and development studies for Reversible Plants (Pumped Storage)
- Maximizing value of the reservoirs

Source: Thymos Energia.



Cemig has signed a **Memorandum of Understanding** with **UNIFEI** for research and development projects (under the Aneel R&D system).



New opportunities for **business in Green Hydrogen** are being prospected, taking advantage of the synergy with **Gasmig**, and its capillary reach within the state of Minas Gerais.



The cornerstone of the Green Hydrogen Laboratory of the Central Campus of UNIFEI (at Itajubá, Minas Gerais) has been laid.

OFFSHORE WIND PROJECTS

CEMIG

- Cemig GT has begun environmental studies for construction of two wind farms off the coast of the state of Ceará: Mar de Minas I (1.5 GW) and Mar de Minas II (3.0 GW)
- Together with other entrepreneurs, Cemig is working on developing specific legislation for offshore wind plants.

Mar de Minas I

- Total installed generation capacity: 1.5 GW
- Aerogenerators: 100 WTGs of 15 MW each
- Location: Coast of Parajuru Ceará State

Mar de Minas II

- Total installed generation capacity: 3.0 GW
- Aerogenerators: 200 WTGs of 15 MW each
- Location: Coast of Trairí Ceará State





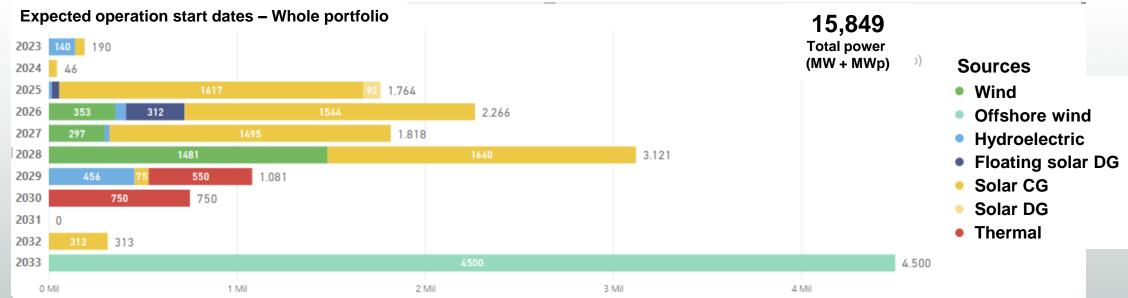
INVESTMENTS IN GENERATION



Present portfolio of generation investments



Status	Source	Qty	Installed capacity [MW / MWp]	Approximate Offtake guarantee [MW average]
	Wind	7	6,631	3,675
In	Solar	26	6,948	1,613
development	Hydro	8	508	340
	Thermal	2	1,300	1,019
Approved	Solar	5	462	44
Total		48	15,849	6,691



INVESTMENTS IN TRANSMISSION



Portfolio of investments in transmission

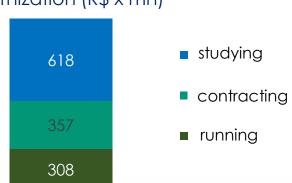
Straightening and enhancement

- Investments focused on updating and modernization of assets, enabling increased in BRR
- 26 projects currently being installed in Minas Gerais state
- Investments between R\$500/R\$600 mn/Year

Expansion

- Cemig GT won Lot 1 of Aneel Auction 2/2022: construction of the 165km 230kV transmission line connecting the Governador Valadares 6 substation (in Minas Gerais) to the Verona substation (in Espírito Santo).
- Aneel estimated capex: R\$ 119 mn
- Deadline for completion: 60 months
- Date for signature of concession contract: March 30, 2023

Investment in updating and modernization (R\$ x mn)





Barreiro Substation (1)
Investment of R\$ 115 million





TRANSMISSION AUCTIONS



We expect transmission auctions to continue, since expansion of renewable sources continues, and the grid requires reliability.

A transmission auction notice with an expected investment of 16 billion goes into public consultation.

The expectation is that the auction, scheduled for June 30, will surpass the record investments in the history of the agency.





source: Aneel



Development of 100% renewable projects

Under construction: Boa Esperança and Três Marias Jusante photovoltaic plants

Boa Esperança photovoltaic plant:



- Municipality: Montes Claros (Minas Gerais)
- Planned capex: R\$ 500 mn
- Planned operational start date: September 2023

Três Marias Jusante photovoltaic plant: 70



- Municipality: Três Marias, Minas Gerais.
- Planned capex: R\$ 400 mn
- Planned operational start date: September 2023

100% RENEWABLE PROJECTS



Development of 100% renewable projects

Largest floating photovoltaic projects in Brazil, with concession grants issued

Três Marias Distributed Generation solar plant: **78 MWp**

Emborcação Distributed Generation solar plant: **157MWp**

Cajuru Distributed Generation solar plant: **39MWp**



Expansion Transmissar Declaration



- Municipality: Três Marias, Minas Gerais.
- Expected start of operation: 2026

- Municipality: Araguari, Minas Gerais
- Expected start of operation: 2026

- Municipality: Carmo do Cajuru, Minas
- Expected start of operation: 2025

RECOVERY WORKS ON CEARÁ WINDFARMS



- Refurbishment of all aerogenerators completed
- O&M performance contract
- Spare equipment items acquired
- Remote operation from Cemig's System Command Center
- Recovery of the 230kV
 Acaraú II–Sobral III Transmission line
- Proinfa contract Tariff: R\$ 808.89 / MWh

Parajuru wind farm

28.8 MW



Volta do Rio wind farm

42 MW



OPPORTUNITIES AND INITIATIVES OF CEMIG GT





Hydroelectric plants Wind plants Solar plants

96.08%

89.52%

94.34%

2021 - 96.32%

2020 - 95.56%

2020 - 95.56%

Solar plants

2021 - 94.70%

2020 - 92.25%

Total of **57 generation plants**Installed capacity: **3.3 GW**

Transmission lines



2021 - 99.96% 2020 - 99.97%

4 concessions47 substations5,000 kmof transmission lines

Availability of Cemig assets is higher than the sector average, with consistent increase in operational efficiency

Operational efficiency



Subject	Highlights Highlights	Images	Gains
Stockholding structure optimization	 Absorption of Três Marias and Salto Grande hydro plants into Cemig GT: Approved by Aneel on Jan. 24, 2023 Next steps: (i) presentation of project to Audit Board; (ii) approval by and EGM of Cemig GT. 	CEMIG	Sum of tax gains and opex reduction: R\$ 110 mn approx. (up to 2053)
Operational	 Implementation of Full Remote Assistance: Neves 1 substation (photo) and Taquaril substation; Três Marias, Emborcação and Queimado hydro plants 10 Small Hydro Plants 		Reduction in opex, approx R\$ 5 mn / year
Operational efficiency	Divestment of Small Hydro Plants • Cemig GT offers 15 SHPs – tender published March 17, 2023		Reduction of capex and opex, with consequent

• Auction scheduled for August 10, 2023: minimum bid R\$ 48.2MM

increase in productivity

(R\$/MW)

DRIVERS FOR CEMIG GT





Focus on development of proprietary Renewable Generation projects, especially in Minas Gerais



Continue studies for disruptive projects, aligned with the Company's ESG policies



Competitiveness in Transmission Auctions;
Efficiency in strengthening and enhancement of the transmission network



Best project management practices, ensuring final works are in line with specification



In management of generation and transmission assets, maintain **high levels of availability**, above market benchmarks



In operation of generation and transmission assets, consolidate **remote operation** of largest plants and substations



Focus on operational efficiency







Ambition



Consolidate Cemig's leadership in trading of power supply to final clients, reaching sales volume of $\bf 4.4~GW_{average}$ in the **Free Market in 2032**

Strategic options



Consolidate
position in the
Free Market and
seek growth in the
retail market

Trade energy at competitive prices, closing positions in the market at the appropriate moments

Perfect the best practices for monitoring and managing material risks, giving transparency to the organization

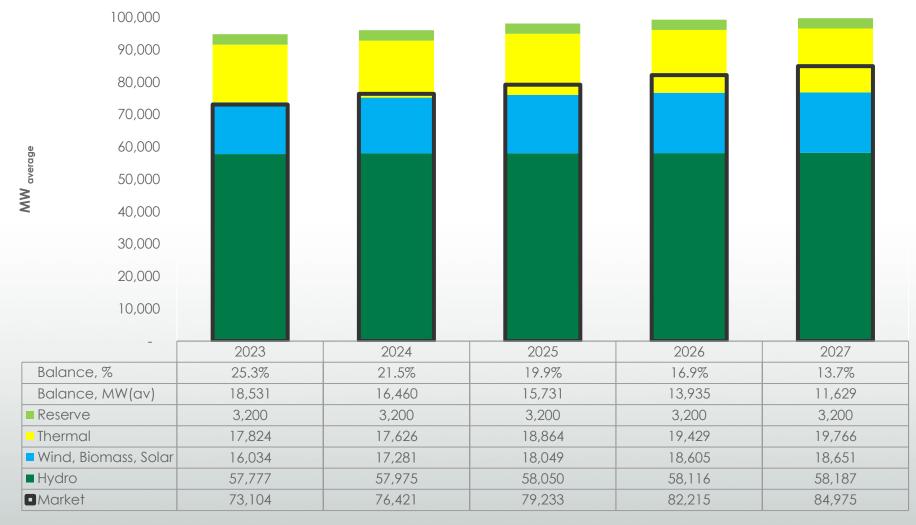
Develop digital channels and adapt the operational model

of energy
products and
widen the
marketing
strategy for the
Free Market





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

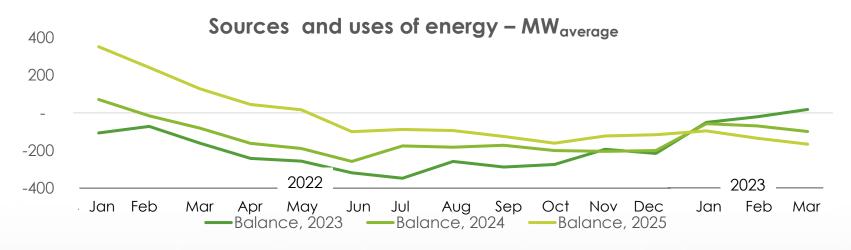


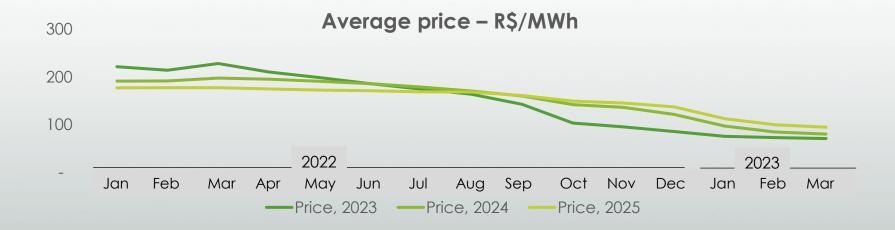
Source: March 2023 monthly operational survey (PMO)





Energy balance positions from Jan. 2022 to Mar. 2023 Correct analysis of the trend enables taking of accurate decisions









Carefully planned and executed trading strategy leads to good results in terms of purchase and sale prices, and margins

Purchase and sale prices – R\$/MWh



^(*) Sale prices shown include purchases of conventional supply and incentive-bearing supply from outside parties.

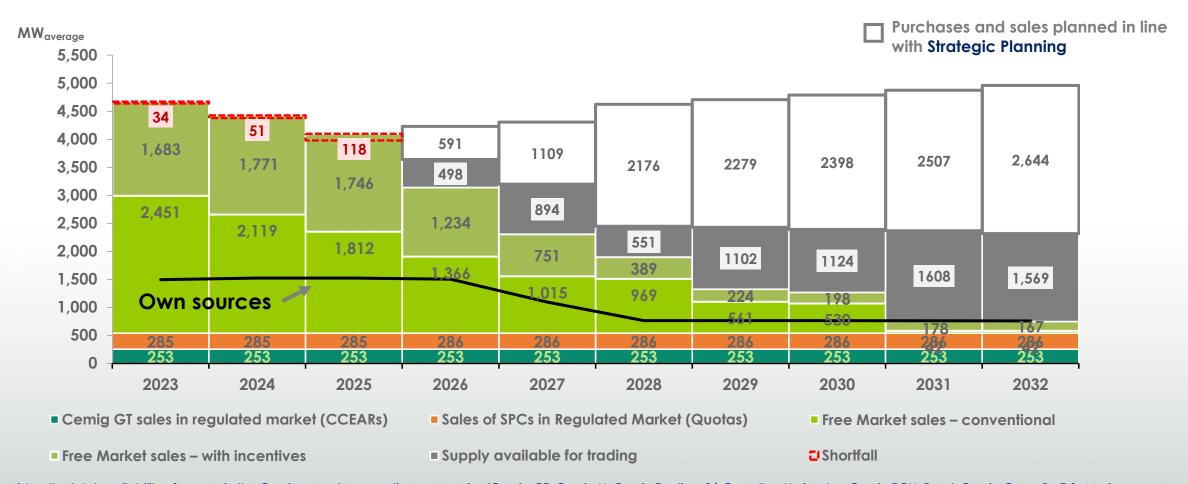
BALANCE OF SUPPLY AND DEMAND – CEMIG GROUP*





Short positions, 2023–2025

Position at March 2023



^(*) Considers the total availability of energy in the Cemig group's generation companies (Cemig GT, Cemig H, Cemig Trading, Sá Carvalho, Horizontes, Cemig PCH, Rosal, Cemig Geração Três Marias, Cemig Geração Salto Grande, Cemig Geração Itutinga, Cemig Geração Camargos, Cemig Geração Leste, Cemig Geração Oeste, Cemig Geração Sul, and the Boa Esperança and Jusante hydroelectric plants).

^(*) In 2023: Balance including effect of expected GSF for the year (0.87). As from 2024: structural energy balance.





Potential of the retail market

(Brazil, clients still captive, Group A)

Demand range (=D) (kW)	Number of consumers	Total consumption (MW _{average})	Average consumption (MWaverage / consumer)
500 > D > 300	6,312	339	0.054
300 > D > 100	69,835	2,478	0.035
D < 100	77,158	937	0.012
TOTAL, high voltage	153,305	3,754	0.024

Assumptions:

- We expect 80% of retail customers still in the captive market who have demand below 500 KW to migrate by 2032:
 - 3,000 MW_{average}
 - **■123,000** consumer units
- In Dec. 2028, Cemig would be serving 20% of these consumers:
 - 600 MWaverage
 - 24,500 consumer units



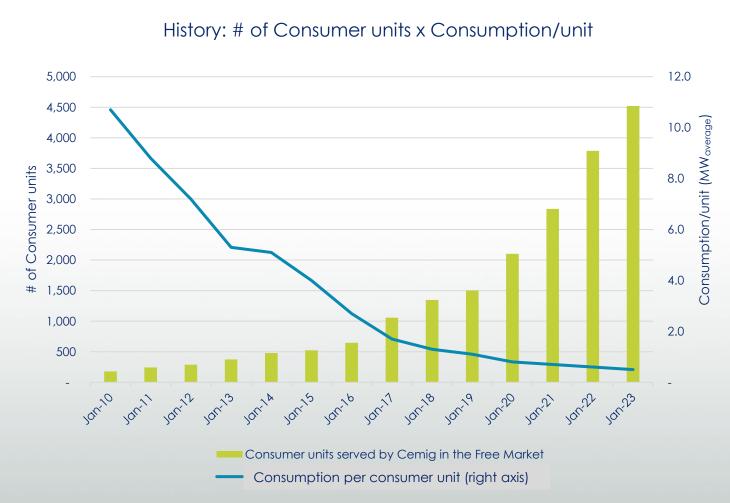
- Structuring of an area dedicated to the retail market
- Adaptation of products to the needs of smaller clients
- Digitization of customer service processes and automation
- Marketing action to promote Cemig in the Free Market





Cemig and the Free Market – Leadership is long-established

- 2005 Cemig GT was created, and oriented to the Free Market. Today Cemig supplies energy to 15% all the Free Clients of Brazil*
- 2010 Creation of a specific product for clients of incentive-bearing supply.
 High growth in this segment – today we have 20% market share*
- 2018 Purchase of incentive-bearing supply in long-term auctions
- 2022 Creation of a specific product for the retail market, and start of sales in this format
- 2023... Reduction of average ticket of Cemig client the retail function is happening!



(*) Sales to final clients.

