# 2020 Regaining Financial Solidity













#### **AVISO IMPORTANTE**

Some statements and estimates in this material may represent expectations about future events or results that involve risks and uncertainties known and unknown. There is no guarantee that the events or results referred to in these expectations will occur.

These expectations are based on present assumptions and analyses from the viewpoint of our management, based on their experience, the macroeconomic environment, market conditions in the energy sector and our expected future results, many of which are not under Cemig's control.

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

The information and opinions contained herein should not be understood as a recommendation to potential investors and no investment decision should be based on the truthfulness, or completeness as of the date hereof of this information or these opinions. None of Cemig's professionals nor any of their related parties or representatives shall have any liability for any losses that may result from the 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 lead to different results from those estimated by Cemig, please consult the section on Risk Factors included in our Formulário de Referência filed with the Brazilian Securities Commission – CVM, and in Form 20-F 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

# **Brazil's Leading Power Utility**

In the Power Industry since 1952

1 ST

**Integrated Power Utility in Brazil** 

5<sup>s1</sup>

Market Cap - US\$2.92B(1)

1<sup>ST</sup>

Market share in the free market<sup>(2)</sup>

3<sup>ST</sup>

EBITDA<sup>(3)</sup> – 2019 US\$1.15B June, 2020 (LTM) US\$0.81B

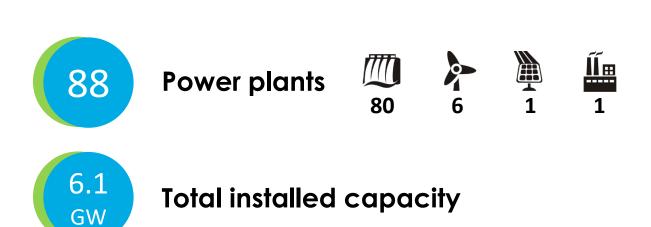


<sup>(1)</sup> As of Ago 17<sup>th</sup>, 2020

<sup>(2)</sup> In the Brazilian Energy Industry

<sup>(3)</sup> FX R\$/US\$4,0307 on December 31st, 2019 and R\$/US\$5.4760 on June, 2020

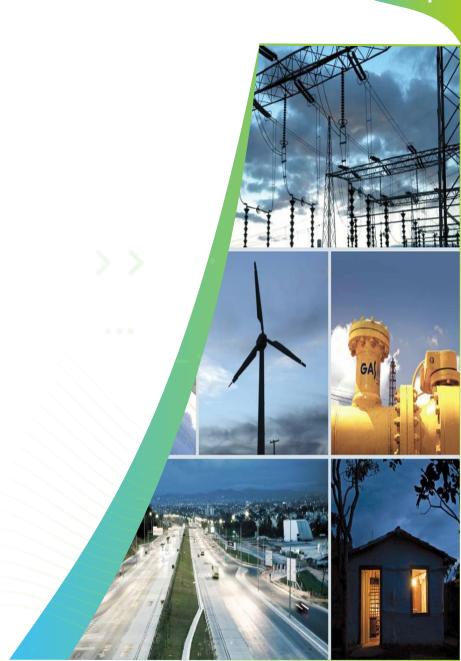
# **Cemig: in Numbers**











# Cemig at a Glance



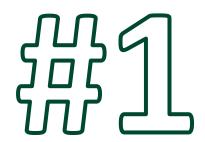
- 1 Based in State of Minas Gerais
- 2 Among the most liquid stocks in Brazil's electricity sector
  - listed on New York, São Paulo and Madrid
  - More than 198,000 shareholders in more than 39 countries
  - Average daily trading volume until August 18<sup>th</sup>, 2020

R\$77.8M in Bovespa and US\$5.3M in NYSE

Solid dividend policy

# Shareholder structure

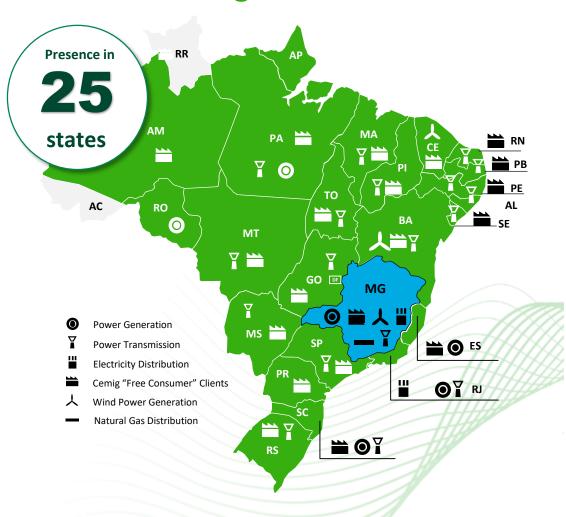
# **Cemig is Uniquely Positioned**



Integrated Power Utility in Brazil

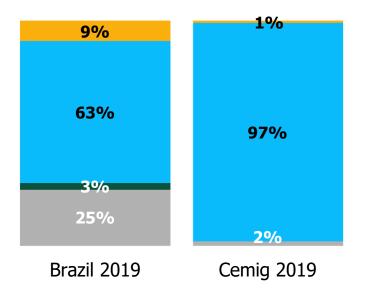


#### Integrated



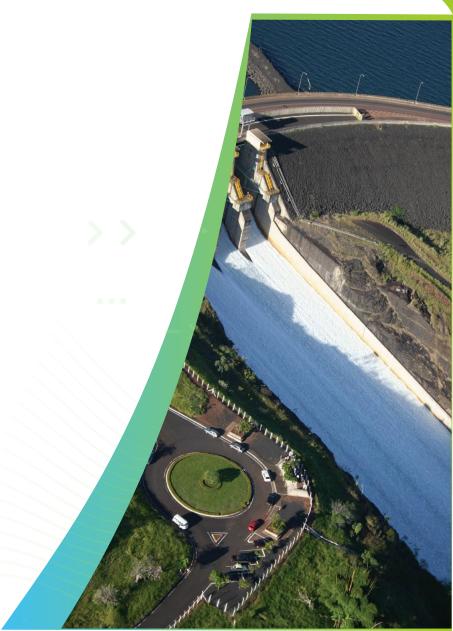
# Leader in Renewable Hydro Power Energy

Power Generation by Source

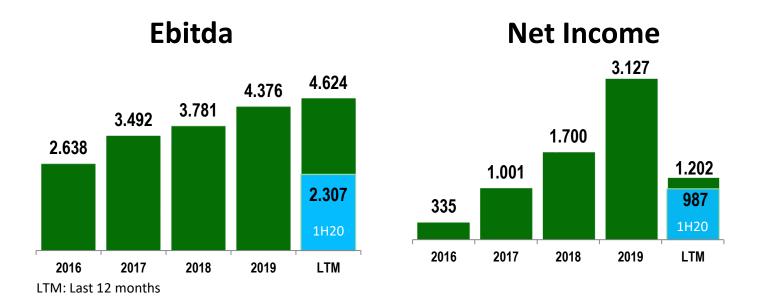


Hydro

■ Fossil Source Fuels ■ Nuclear

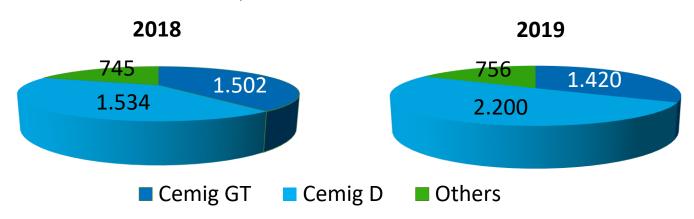


#### **CASH GENERATION**



#### **Breakdown of Ebitda**

Diversified, Low Risk Business Portfolio



# Solid dividend policy

#### **Bylaws**

Guaranteed - The minimum annual dividend

Shares	Number of Shares	Guarantee	Minimum Annual
Common	507,670,289	-	-
Preferred	1,011,082,312	R\$ 0.50	R\$ 505,541,156
Total	1,518,752,601	-	R\$ 505,541,156

#### Dividends' proposal to be paid in 2020:

- Total to be distributed of the 2019 net profit: R\$764 million
- R\$400 million to be paid as Interest on Equity
  - by December 30, 2020
  - record date: December 23, 2019
- R\$364 million as dividends to be paid by December 30, 2020
  - to stockholders of record on date of the AGM

Dividend yield of 3.8%(1)



#### **Balance Sheet**

2.01x Net debt to Ebitda – 1H20

52% Debt in foreign currency \* - 1H20

3.7 R\$ billion Cash on hand – 1H20

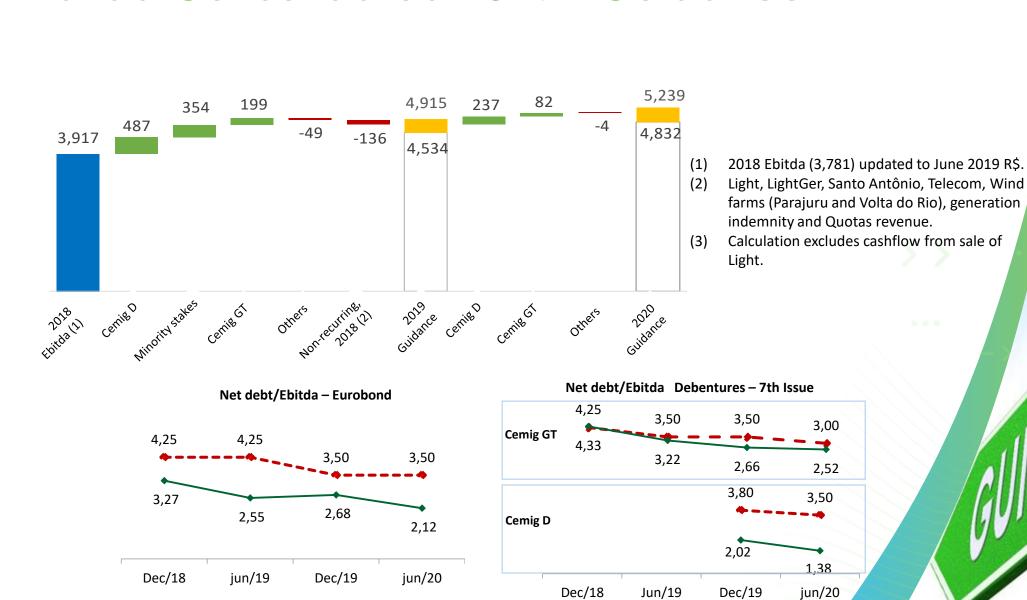
12.0 R\$ billion Net Revenue – 1H20



**STABILITY** 

<sup>\*</sup> Debt in Dollar converted into CDI percentage per hedging instrument, within a band of Exchange variation

#### Ebitda Consolidated 2019 - Guidance

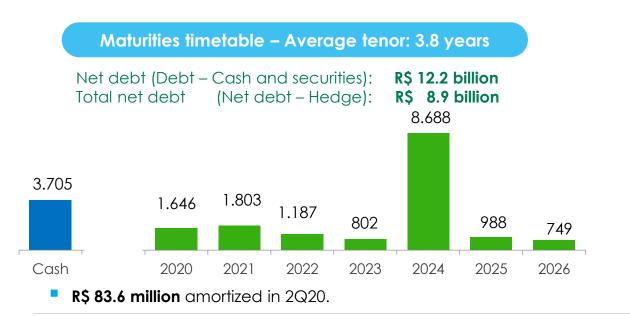


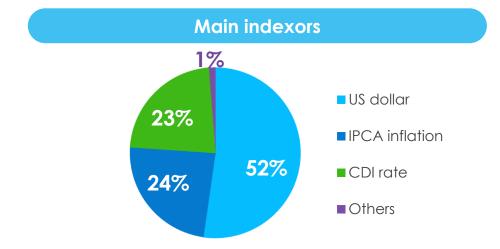
---- Projection

Net debt and Ebitda are adjusted according to the definitions in the debt contracts.

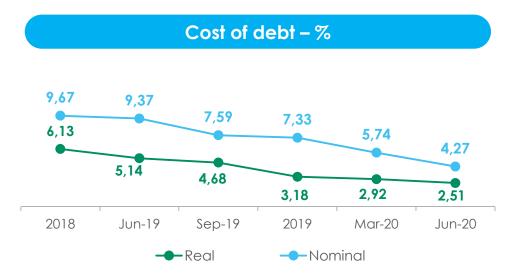
# Debt profile – consolidated

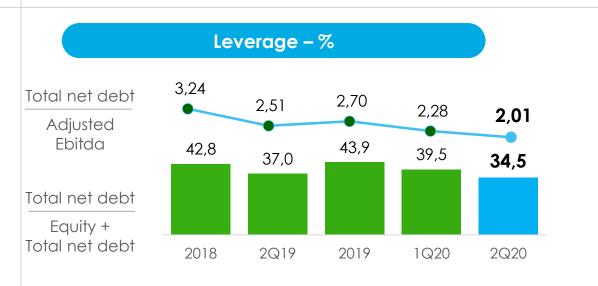
#### In July, S&P reaffirmed the Company's ratings and upgraded outlook to positive





 Hedge instrument transformed USD debt into debt at fixed percentage of CDI rate, within an FX variation band.





# Improvement in credit quality

**Fitch**Ratings

A+(bra) Cemig H, Cemig GT and Cemig D National Scale

BB- Cemig H, Cemig GT e Cemig D Global Scale

	Investment grade						Speculative Grade														
AAA	AA+	AA	AA-	A+	Α	A-	BBB+	BBB	BBB-	BB+	ВВ	BB-	B+	В	B-	CCC	CC	С	RD/D		
												Bond									



brA+

Cemig H, Cemig GT e Cemig D
Cemig H, Cemig GT e Cemig D

National Scale
Global Scale

	Investment grade						Speculative Grade														
AAA	AA+	AA	AA-	A+	Α	A-	BBB+	BBB	BBB-	BB+	ВВ	BB-	B+	В	B-	CCC+	ccc	CCC-	CC	С	D
														Bond							



Baa1.br Cemig H, Cemig GT e Cemig D

Cemig H, Cemig GT e Cemig D

National Scale Global Scale

	Investment grade						Speculative Grade														
Aaa	Aa1	Aa2	Aa3	A1	A2	А3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	В3	Caa1	Caa2	Caa3	Ca	С	



# Result for Cemig D Tariff Review

Aneel approved readjustment in the Technical Note 45/2018

May 28<sup>th</sup> anniversary regulatory date

Main points of the Review for the 4th Tariff Cycle:

- Investment around R\$ 5 billion
- Investment on 'Special obligations' around R\$ 1.2 billion
- Opex: Cemig D scores above average in efficiency metrics

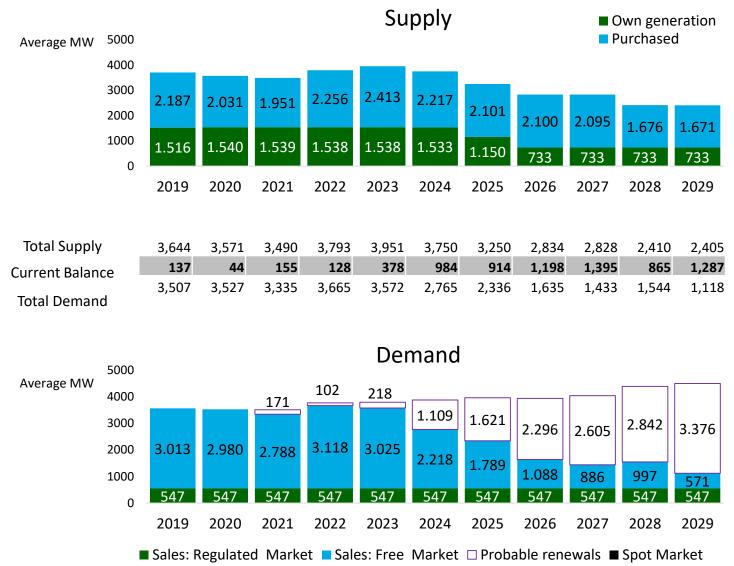
Regulatory asset base (RAB)	2013	2018
Remuneration Base – gross R\$	15,724	20,490
Remuneration Base – net R\$	5,849	8,906
Average depreciation rate	3.84 %	3.84%
WACC	7.51%	8.09%
Remuneration of the special obligations	-	149
CAIMI R\$	147	333
QRR R\$ - Depreciation (Gross RAB x Dep rate)	590	787
Remuneration of capital R\$ (Net RAB x WACC)	587	1,236

Currency - April/2018

# **POWER BALANCE**

# Cemig GT: Supply/demand

Position in May, 2020





# Cemig D: Ebitda 2019



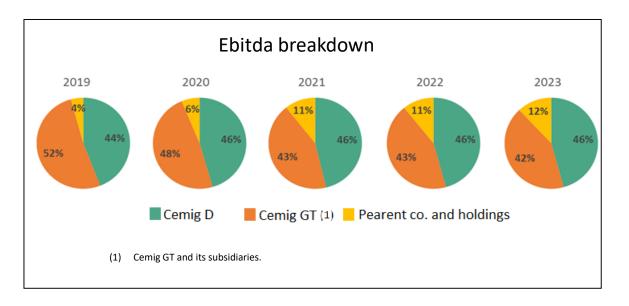
# Cemig GT: Ebitda 2019

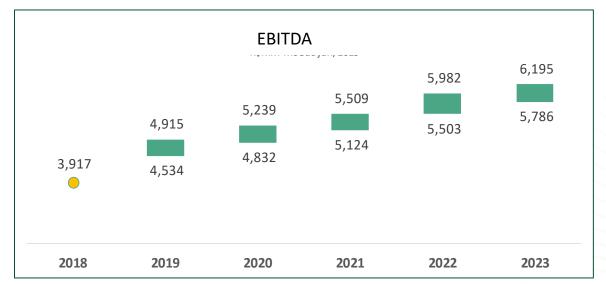


- 1) 2018 adjusted Ebitda (1,517) adjusted to June 2019 R\$.
- (2) Parajuru, Volta do Rio and wholly-owned subsidiaries of the Cemig parent company.
- ) Includes PMSO, PDV, other revenues and expenses and non-recurring items.

R\$ mn (June

# CEMIG - Guidance, 2019-23







# Summary of Covenant Package (Eurobond)

#### Cemig Consolidated (Guarantor)

Maintenance Covenants

Leverage Maintenance	
Covenant Net Debt / Covenant EBITDA	Cemig
31/Dec/2017 and 30/Jun/2018	5.00x
31/Dec/2018 and 30/Jun/2019	4.25x
31/Dec/2019 and 30/Jun/2020	3.50x
31/Dec/2020 and s/a thereafter	3.00x

Liens Maintenance	
Total Secured Debt / Covenant EBITDA	Cemig
31/Dec/2017	2.00x
30/Jun/2018 and semi-annually thereafter	1.75x

**Dividend Payments** Minimum Legally Required Only

#### Cemig GT (Issuer & Restricted Subsidiaries)

Maintenance Covenants

Leverage Maintenance	
Covenant Net Debt / Covenant EBITDA	Cemig GT
31/Dec/2017 and 30/Jun/2018	5.50x
31/Dec/2018 and 30/Jun/2019	5.00x
31/Dec/2019 and 30/Jun/2020	4.50x
31/Dec/2020 and 30/jun/2021	3.00x
31/Dec/2021 and s/a thereafter	2.50x

Liens Maintenance	
Total Secured Debt / Covenant EBITDA	Cemig GT
31/Dec/2017 and semi-annually thereafter	1.50x

Incurrence Covenants

Limitation on Incurrence of Indebtedness								
Covenant Net Debt / Covenant EBITDA	Cemig GT							
On or Before 31/Dec/2018	5.50x							
On or Before 31/Dec/2019	5.00x							
On or Before 31/Dec/2020	4.50x							
On or Before 31/Dec/2021	3.00x							
Thereafter	2.50x							
(+) General Basket of US\$100mm or 3% of CNTA								

Limitation on Incurrence of Lien	s
Total Secured Debt / Covenant EBITDA	1.50x

Restricted Payments							
% of Net Income from Sept. 30, 2017	Cemig GT						
If Cov. Net Debt / Cov. EBITDA > 2.5x	0%						
If Cov. Net Debt / Cov. EBITDA ≤ 2.5x	50%						
(+) Minimum Legally Required Dividends Carve-Out							
(+) US\$30mm or PF 2.5x Cov. Net Debt / Co	ov. EBITDA						

Asset Sales
Transaction with Affiliates
Limitation on Sale and Lease-Backs
Limitation on Dividend Restrictions on Restricted Subs
Consolidation, Merger, Conveyance, Sale or Lease
Change of Control Put @ 101%

#### Additional Provisions

- Penalty Interest for Failure to Implement Bank Debt Refinancing:
- Penalty Interest for Failure to Comply with any Maintenance Covenant: +2.0% p.a. for as long as any Maintenance Covenant is breached
  - +2.0% p.a. if Bank Debt Refinancing not implemented by Feb. 15, 2018

#### **Covenant Ebitda reconciliation**

12 months	<b>2</b> G	20
R\$ mn	GT	Н
Consolidated debt	9,564	15,86
Debt contracts with Forluz	246	1,089
Liabilities under any put option	553	553
Consolidated cash and cash equivalents and consolidated securities posted as current assets	-1,361	-3,705
Derivative hedge instrument	-3,281	-3,281
Net debt covenant	5,721	10,52
Ebitda covenant – 12 months	2,005	4,957
Net debt covenant / Ebitda covenant	2.85	2.12
Limit for Net debt covenant / Ebitda covenant	4.50	3.50

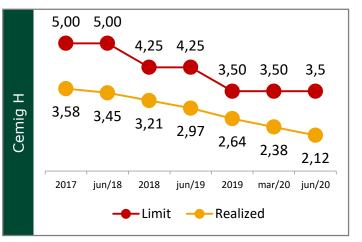
#### **Covenant Net Debt reconciliation**

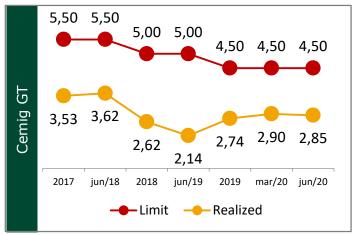
∟ast 12 months 20		Q20	
R\$ mn	GT	Н	
consolidated Indebtedness; plus	9.564	15.862	
Derivative financial instruments	- 3.281	- 3.281	
debt contracts with Forluz; plus	246	1.089	
(a) the carrying liability of any put option obligation, less	553	553	
consolidated cash and cash equivalents and consolidated marketable securities recorded as current assets.	- 1.361	- 3.705	
Covenant Net Debt	5.721	10.518	
Covenant Net Debt to Covenant EBITDA Ratio	2,85	2,12	
Limit Covenant Net Debt to Covenant EBITDA Ratio	4,50	3,50	
Total Secured Debt		758	
Total Secured Debt to Covenant EBITDA Ratio		0,32	

#### Covenants

#### Net debt/Ebitda

Eurobonds' Covenant - (LTM – Last twelve months)

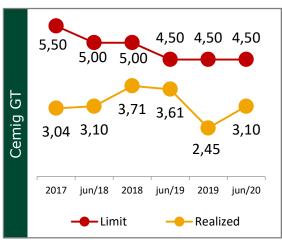




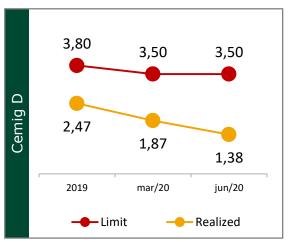
Cemig GT - 7<sup>th</sup> debenture issue

4,50 4,50 4,25 4,25
3,50 3,50
3,23 3,12 3,07
2,47 2,51

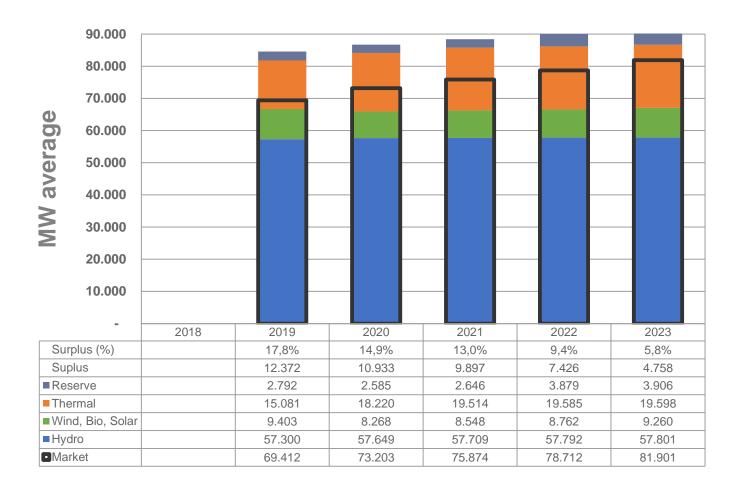
2017 jun/18 2018 jun/19 2019 jun/20
Limit — Realized



#### Cemig D - 7<sup>th</sup> debenture issue



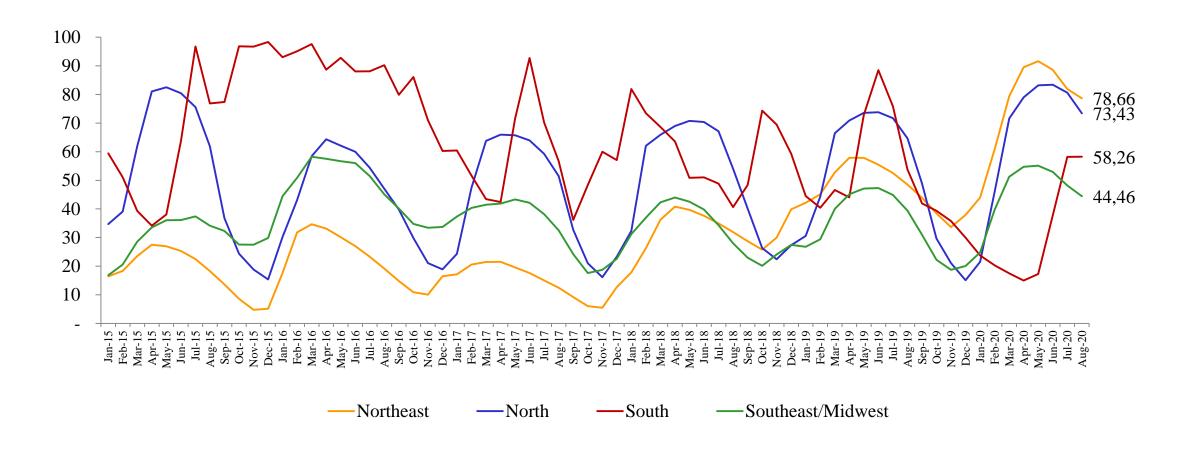
# Brazilian National Grid: projections for 2019 – 23



Source: May 2019 monthly operational survey (PMO).

# Level of reservoirs (%)

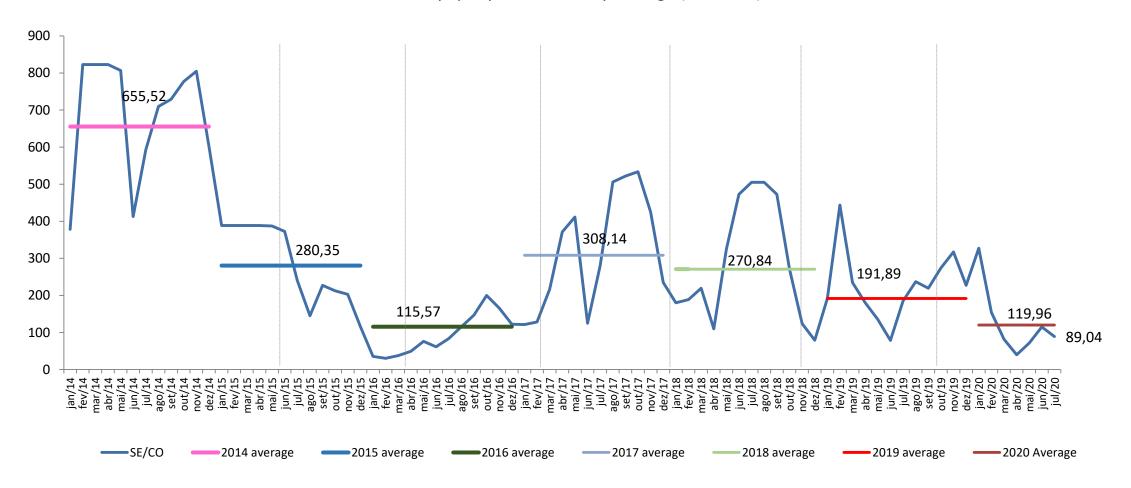
by region (%)\*



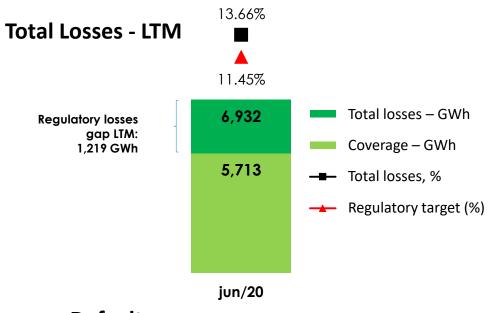
\*Source: ONS

# Spot price

Brazil: eletricity spot price – monthly average (R\$/MWh)



# Cemig D – Default and losses



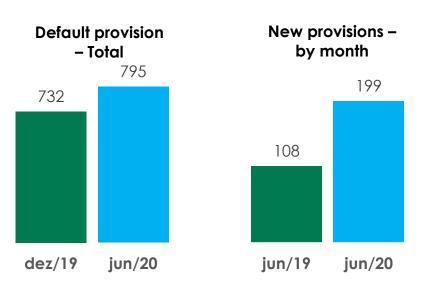
#### Structural measures for losses and metering

- Installation of telemetering for:
  - 100% of High Voltage and Free Clients (~1,900 consumers).
  - 97.5% of Medium Voltage clients (12,850 consumer units).
  - 20,000 Low Voltage clients up to July 2020.
- **313,000 inspections** made up to July 2020 ( = 100% of 2019).
- Loss target until the end of the year: 956 Gwh

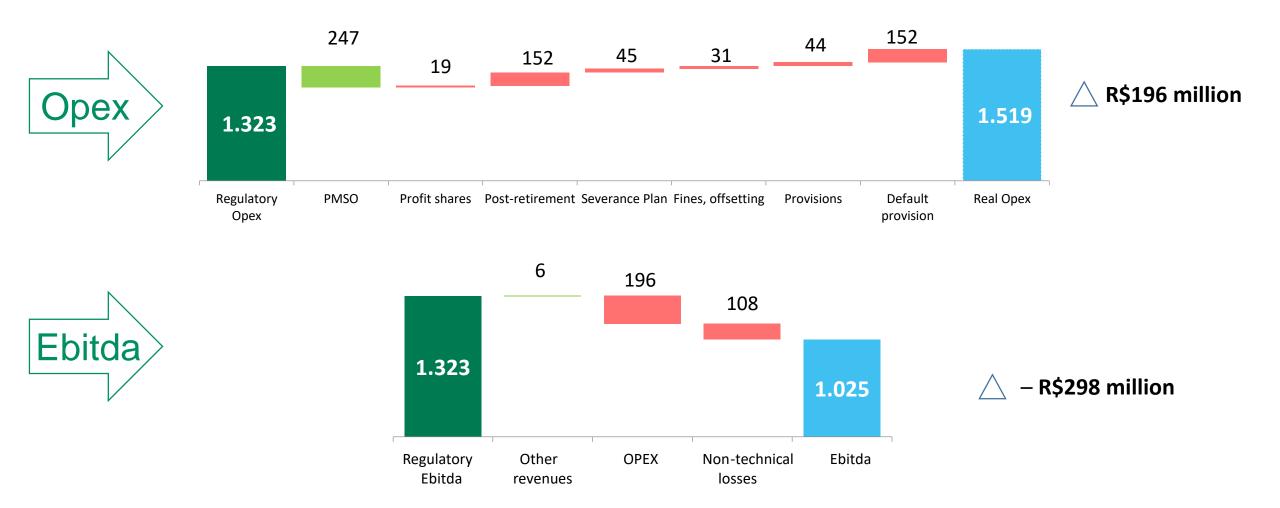
#### Measures for management of default

- Disconnections:
  - Up to July, 30% of planned total have been executed
  - Disconnections resumed in August
- Renegotiation campaign for: low-income residential, public hospitals, philanthropic entities, and micro-companies.
- New law enables debt owed by Minas Gerais state government to be offset against state ICMS tax.
- Target for total default provision by end of 2020: R\$170 million.

#### Default



Opex within regulatory target, after excluding Voluntary severance plan and Default provision

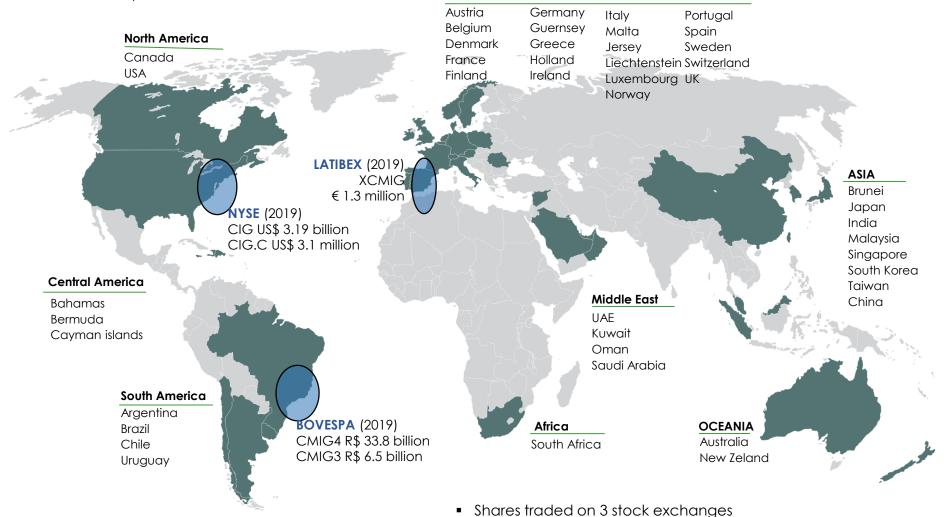


CEMIG

# Strong shareholders base assures liquidity

Average daily trading volume in 2019

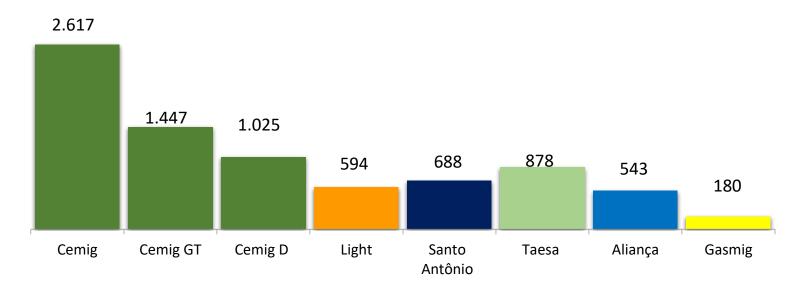
BOVESPA: R\$162.3 million NYSE: US\$12.7 million



Over 150,000 stockholders in 40 countries

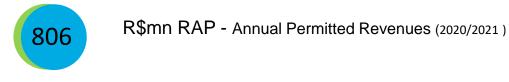
**EUROPE** 

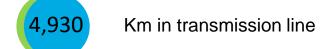
# Ebitda by company - 2019

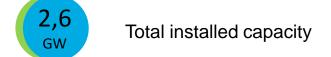


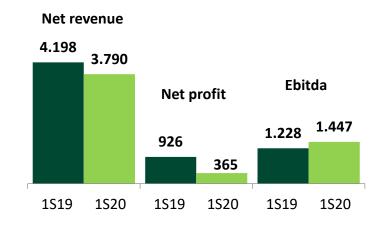
Companies	1H20	% Cemig	Proportional
Cemig	2.617		2.617
Cemig GT	1.447	100,00%	1.447
Cemig D	1.025	100,00%	1.025
Light	594	22,58%	134
Santo Antônio	688	15,51%	107
Taesa	878	21,68%	190
Aliança - 2019	543	45,00%	244
Gasmig	180	99,57%	179





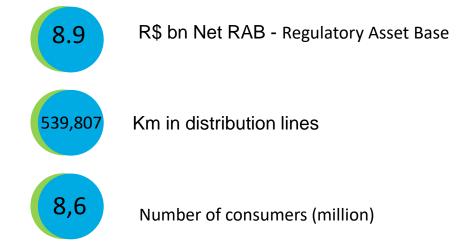


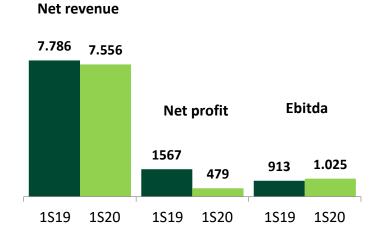


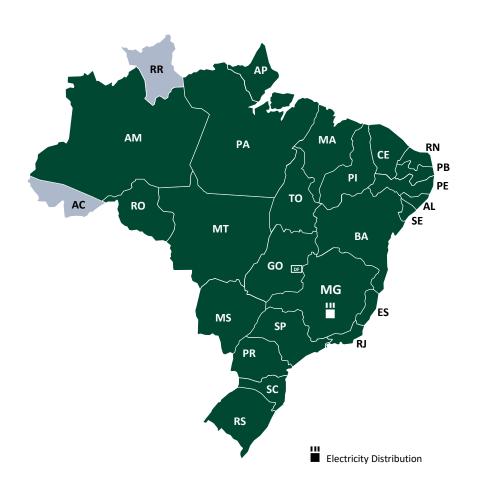








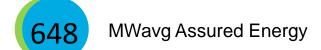




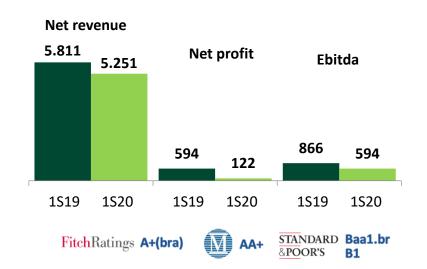


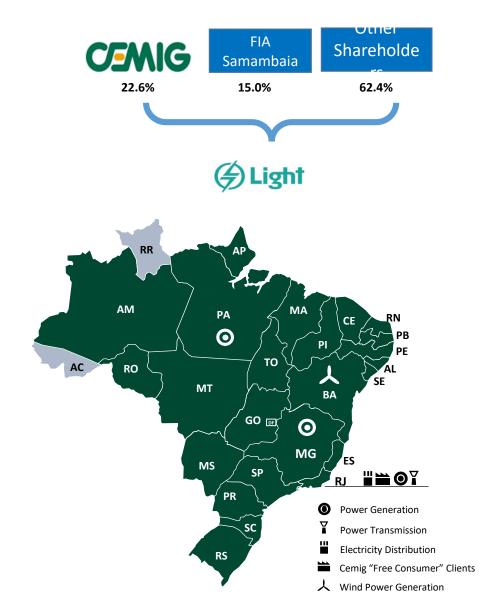
















R\$ bn RAP - Annual Permitted Revenues (2019/2020)

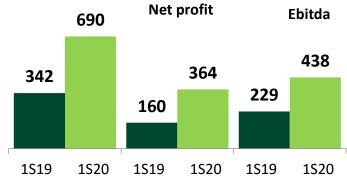
13,579

Km in transmission lines

9,8

R\$ bn of market capitalization

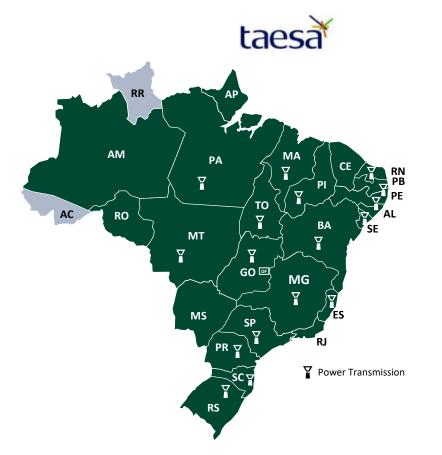




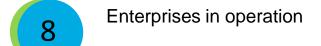
FitchRatings AAA(bra) Aaa.br



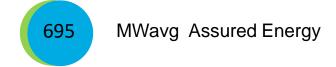




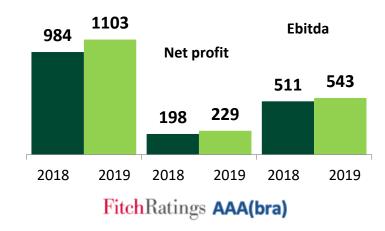


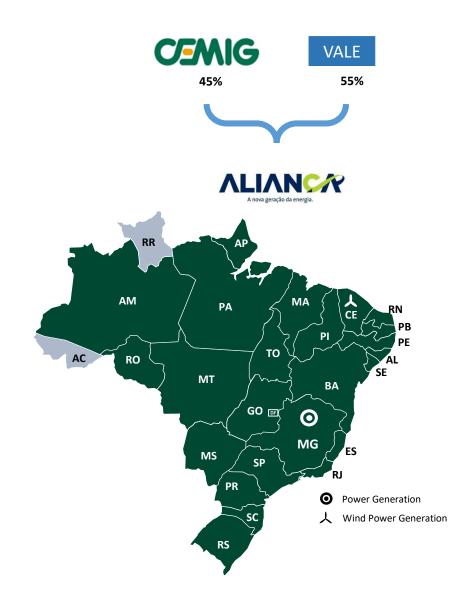






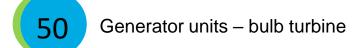
#### Net revenue

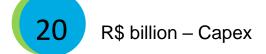


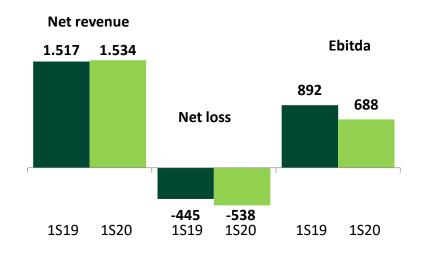


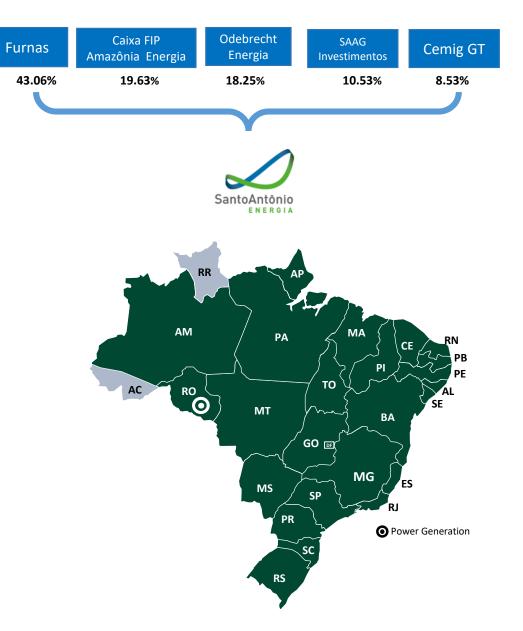












# GASMIG

