



2019

Regaining Financial Solidity













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

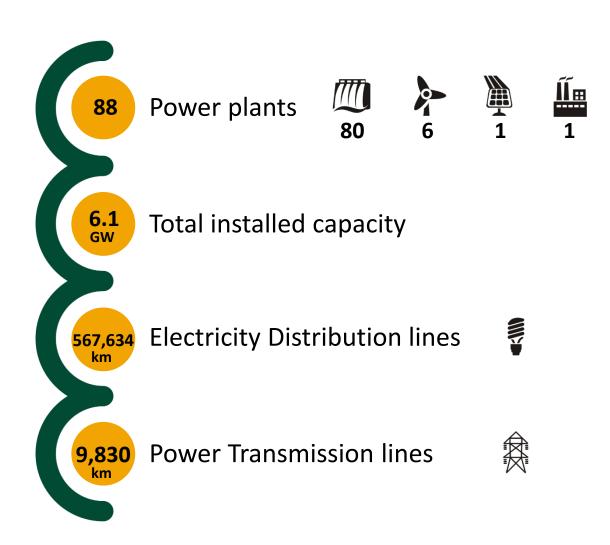




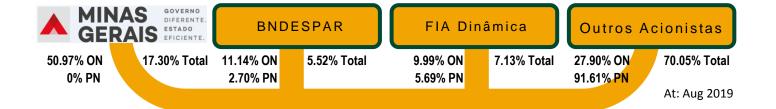
In the Power Industry since **1952** 

- (1) As of August 20th, 2019
- (2) In the Brazilian Energy Industry
- (3) FX R\$/US\$4,04 -on August 20th, 2019











- 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 140,000 shareholders in 38 countries
  - Average daily trading volume until August 20<sup>th</sup>, 2019

R\$176.6M in Bovespa and US\$13.8M in NYSE

**3** Solid dividend policy

PA

GO 🖭

MG

ES 🕥

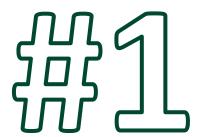
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MS





Integrated Power Utility in Brazil

**Power Generation** 

**Power Transmission** 

**Electricity Distribution** 

Cemig "Free Consumer" Clients

Wind Power Generation

Natural Gas Distribution





Presence in

states

AM

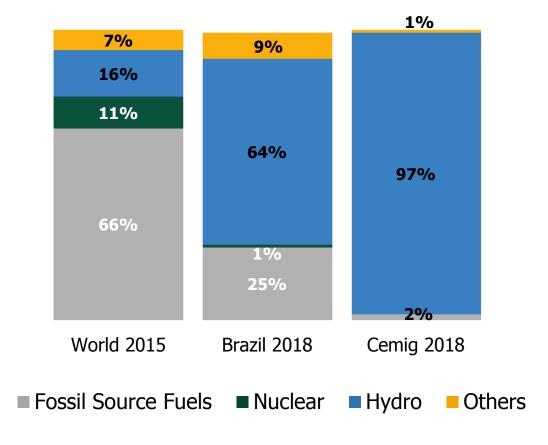
RO 0

Electricity

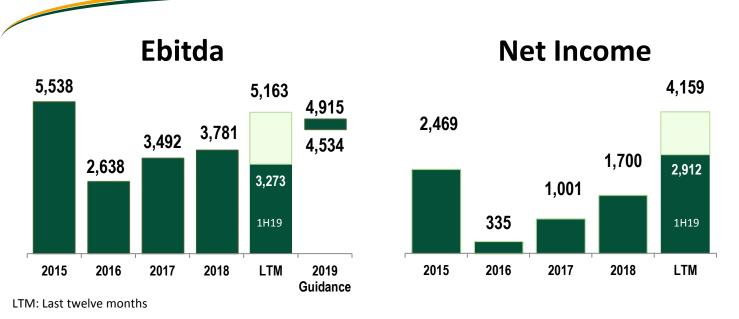
**Distributor** 



# Power Generation by Source

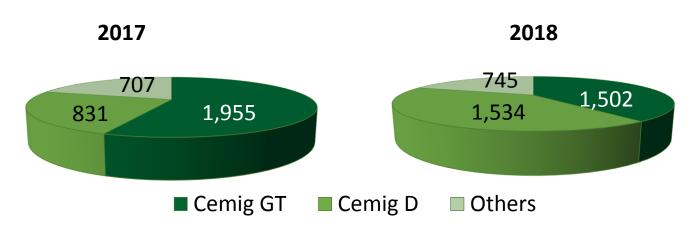






# **Breakdown of Ebitda**

Diversified, Low Risk Business Portfolio





# DIVIDENDS

# **Bylaws**

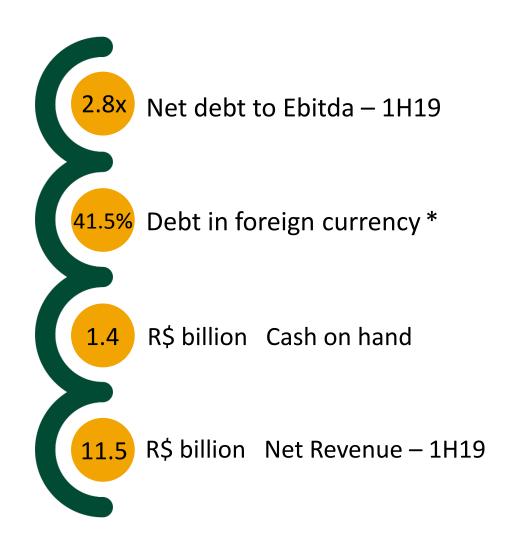
Guaranteed - The minimum annual dividend

Shares	Number of Shares	Guarantee	Minimum Annual
Common	487,614,213	-	
Preferred	971,138,388	R\$ 0.50	R\$ 485,569,194
Total	1,458,752,601	-	R\$ 485,569,194

Minimum payout – 50% of the net profit

# Dividends' proposal to be paid in 2019:

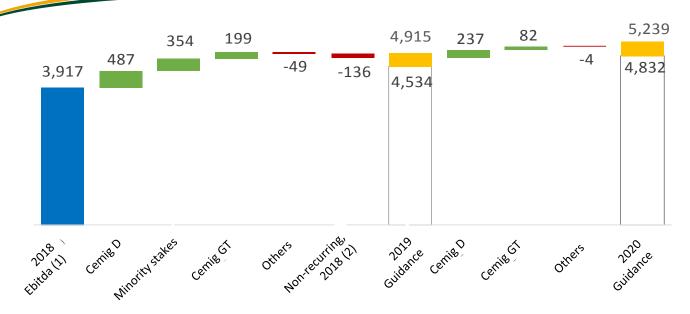
- R\$867 million
  - R\$210 million Interest on Equity (shareholders on December 21, 2018)
  - R\$657 million Dividends (shareholders on May 03, 2019 AGM)
- R\$0.59 per share (preferred and common shares)
- Dividend yield of 4.2%\*



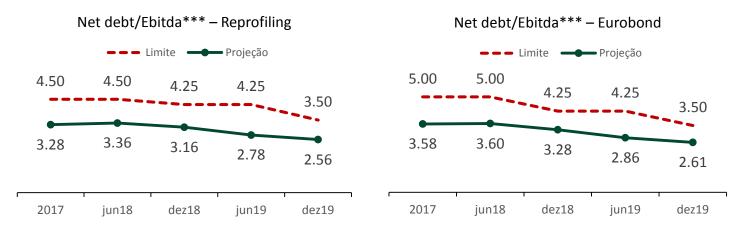
CEMIG

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





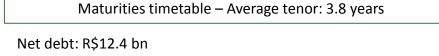
- (1) 2018 Ebitda (3,781) updated to June 2019 R\$.
- (2) Light, LightGer, Santo Antônio, Telecom, Wind farms (Parajuru and Volta do Rio), generation indemnity and Quotas revenue.
- (3) Calculation excludes cashflow from sale of Light.

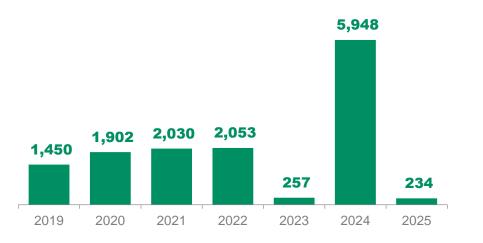


- \* Recurring 2017 Ebitda.
- \*\* Refers to total of companies in which Cemig H has equity interests, other than Cemig D and Cemig GT.
- \*\*\* Net debt and Ebitda are adjusted according to the definitions in the debt contracts.

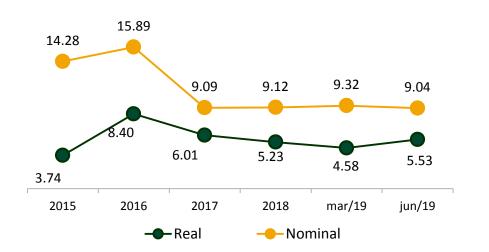


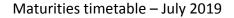
R\$ million - 1Q19

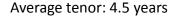


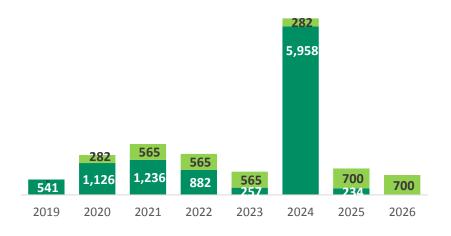


Cost of debt – %

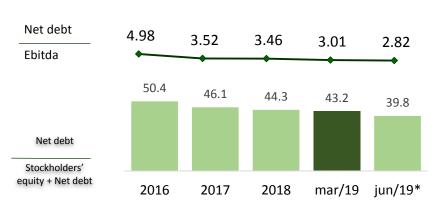








Leverage – %



Adjustments for ICMS tax ruling, and Renova provision.

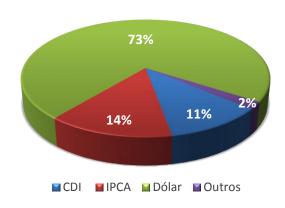


R\$ million - 1Q19

#### Maturities timetable - Average tenor: 4.6 years



#### Main indexors

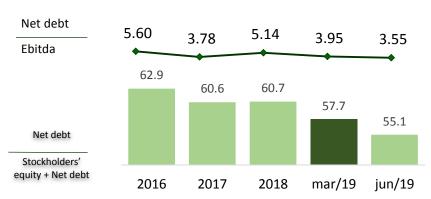


☐ Debt in Dollar converted into CDI percentage per hedging instrument, within a band of Exchange variation

#### Cost of debt - %



# Leverage – %



<sup>\*</sup> Adjustments for ICMS tax ruling, and Renova provision.



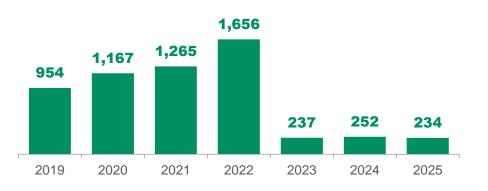
R\$ million - 1Q19

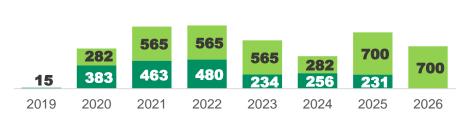
Maturities timetable - Average tenor: 2.7 years

Maturities timetable – July 2019

Net debt: R\$5.3 bn

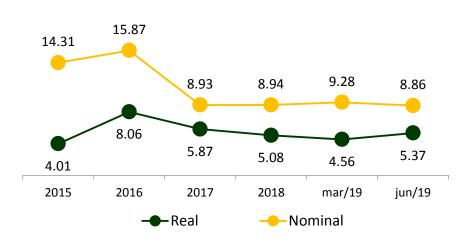
Average tenor: 4.5 years

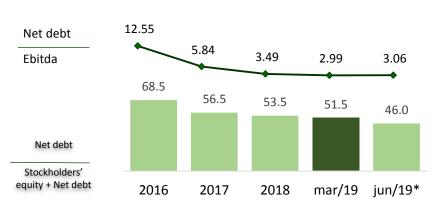




Cost of debt – %

Leverage – %





Adjustment for ICMS tax ruling...



# Strategy was designed to deleverage Cemig

Company	Stake %	Amount R\$ MM	Status
			Realized
taesař	9.86%	717 <sup>1</sup>	Block trade completed
RANSMINEIRA	25%	80¹	Transfer, to Taesa, completed (November, 2017)
CEMIG TELECOM	100%	649¹	Auction for sale of assets concluded – August 08, 2018
Consórcios de Exploração de Gás	24.50%	01	Auction concluded- in the process of assignment of contracts
Light	10.97% <sup>5</sup>	625¹	Sales of 33,333,333 shares, through follow-on, on July 11, 2019

	In progress										
RENOVA ENERGIA	-	_3	Debt reprofiling and sale of assets								
Light	22.58% <sup>5</sup>	1,3574	Lock-up of 90 days. 68,621,264 shares available for sale								
SantoAntônio	15%	727²	Resumption of negotiations with the potential buyer								
GA/MIG	49% ON 100% PN	1,472²	Structuring of sale model in legal analysis								
norteenergia James Histar Depart	12%	1,677²	Available for sale								
Cachoeirão, Pipoca, Paracambi	49%	128²	Available for sale								

- (1) Total value
- (2) Book value
- 3) Amount related to the anticipation of receivables due by Renova
- (4) Market value(B3) on July 16th, 2019: R\$19.78/share
- (5) Stake after dilution of 100,000,000 shares held on July 11th, 2019

RATING

Expressive evolution of Cemig's ratings in 2018, shows the commitment to lengthening the debt profile, with efficient operational management and focus on maximum results.

This table shows how Cemig's ratings have been changed, 2017/2018:

Fito	:h		Investment Grade									Speculative Grade											
National	Global	AAA	AA+	AA	AA-	A+	Α	A-	BBB+	BBB	BBB-	BB+	ВВ	BB-	B+	В	B-	ССС	СС	С	RD/D		
dec -	- 17																						
dec –	- 18																						

Moo	dys		Investment Grade								Speculative Grade												
National	Global	Aaa	Aa1	Aa2	Aa3	A1	A2	А3	Baa1	Baa2	Baa3	Ba1	Ba2	Ba3	B1	B2	В3	Caa1	Caa2	Caa3	Ca	С	
dec -	- 17																						
dec –	- 18																						

5&	S&P Investment Grade								Speculative Grade														
National	Global	AAA	AA+	AA	AA-	A+	Α	A-	BBB+	ввв	BBB-	BB+	ВВ	BB-	B+	В	B-	CCC+	CCC	CCC-	СС	С	D
dec -	- 17																						
dec -	- 18																						





## Aneel approved readjustment in the Technical Note 45/2018

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

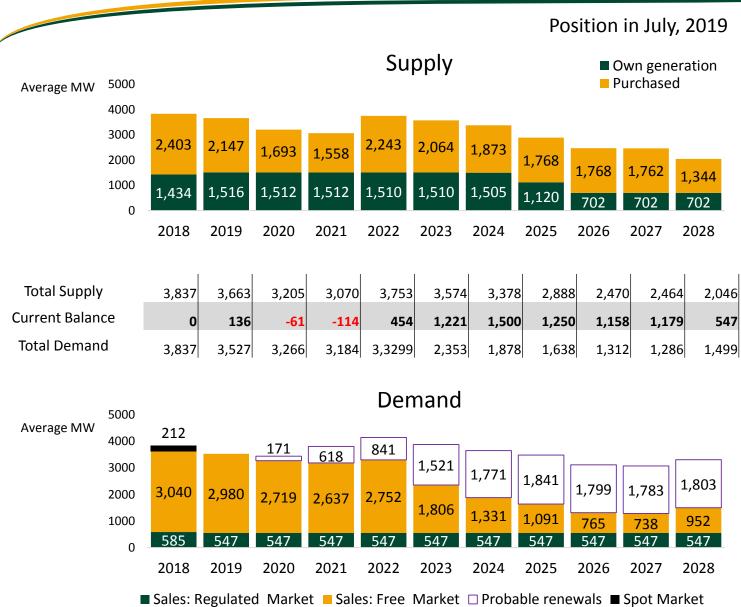
Main points of the Review for the 4<sup>th</sup> Tariff Cycle:

- 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





















# CEMIG

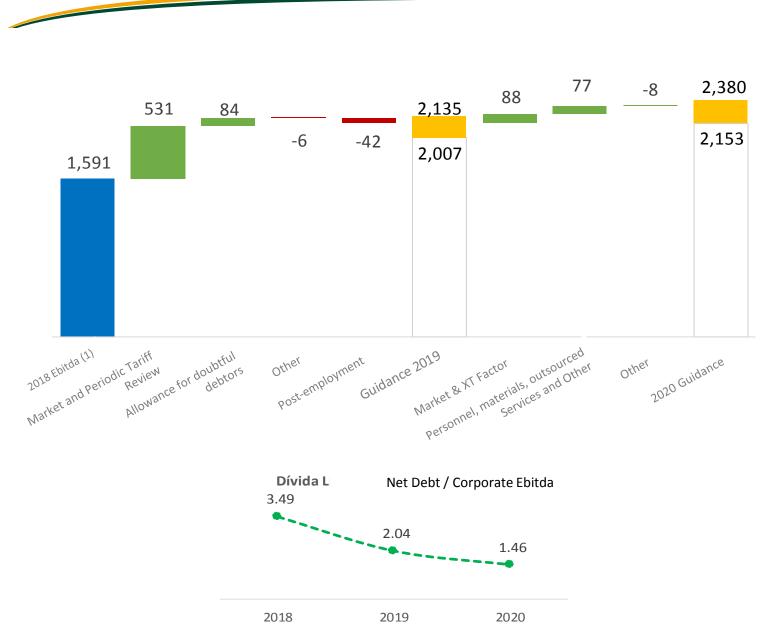
**Investor Relations** 

Tel: +55 (31) 3506-5024

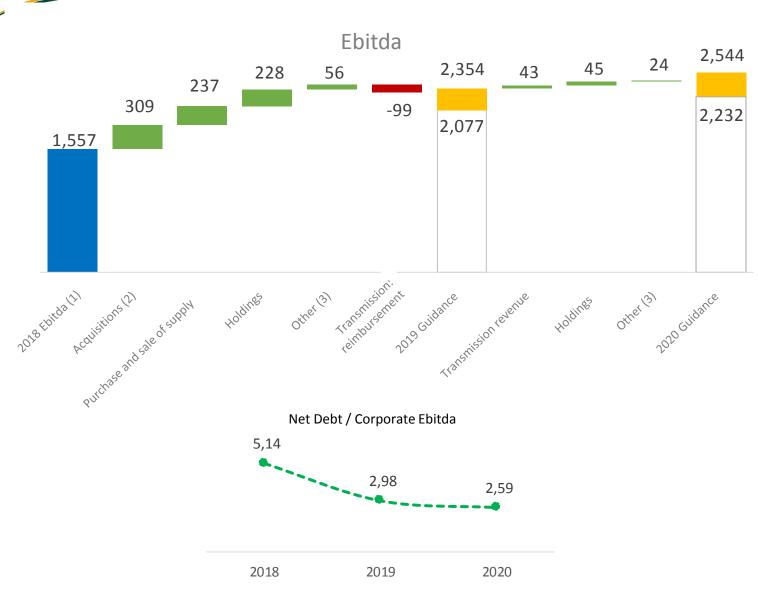
ri@cemig.com.br

http://ri.cemig.com.br









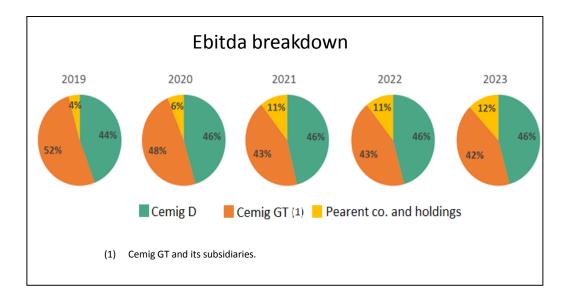
(1) 2018 adjusted Ebitda (1,517) adjusted to June 2019 R\$.

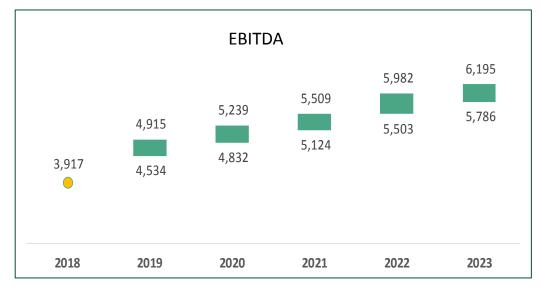
(3)

- (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 2019)









#### 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 Liens		
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 / Cov. EBITDA		

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

#### Additional Provisions

- Penalty Interest for Failure to Comply with any Maintenance Covenant:
- Penalty Interest for Failure to Implement Bank Debt Refinancing:
- +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



12 months		1H19	
R\$ (in million)	GT	Н	
Net income for the period/year (i)	1,620	4,436	
Net financial expenses	(938)	(1.677)	
Income tax and Social Contribution tax	1,092	2,337	
Depreciation and amortization	241	1.485	
EBTIDA	2,015	6,581	
minus minority interest result	203	102	
minus provision for the variation in value of the put option obligations	105	91	
minus non-operating result (which includes any gains on asset sales and any asset write-off or			
impairments)	108	139	
minus non-cash credits and gains increasing net income, to the extent they are non-recurring	(488)	(1,319)	
minus non-cash revenues related to transmission and generation indemnification	(215)	17	
plus cash dividends received from minority investments (as measured in the statement of cash flows)	114	243	
minus monetary updating of concession grant fees	(341)	(341)	
plus cash inflows related to power generation concession grant fee	255	255	
cash inflows related to transmission revenue for cost of capital coverage; plus	600	75	
cash inflows from generation indemnification, provided that such amount shall not exceed 30.0% of			
the sum of clauses (i) through (xvii) of this definition.	669	1,017	
Plus Non-monetary Expenses and Charges, as long as they are not recurring	688	688	
Covenant EBITDA	3,713	7,548	

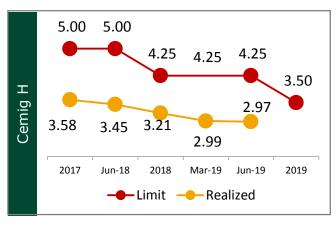


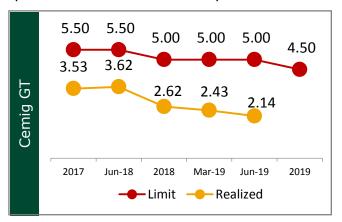
12 months		1H19	
R\$ (in million)	GT	Н	
Consolidated Indebtedness	7,819	23,385	
plus debt contracts with Forluz	266	1.175	
plus carrying liability of any put option obligation	458	441	
minus escrow account amounts deposited to satisfy any put option obligation	-	-	
minus consolidated cash and cash equivalents; plus consolidated marketable securities recorded as current assets	(584)	(2.565)	
Covenant Net Debt	7,959	22,436(1)	
Covenant EBITDA	3.713	7,548	
Covenant Net Debt / Covenant Ebitda	2.14	2.97	
Total Secured Debt		7,020	
Total Secured Debt / Covenant EBITDA		0.93	



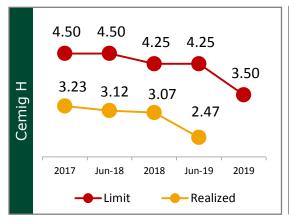
# Net debt/Ebitda

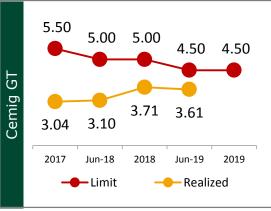
# Eurobonds' Covenant - (LTM – Last twelve months)

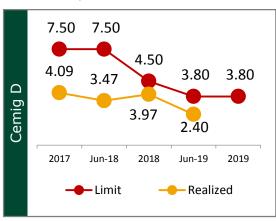




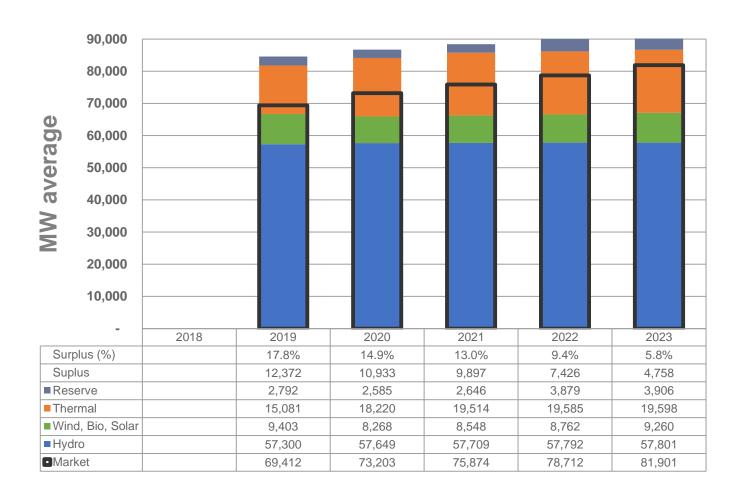
### Reprofiling's Covenant - (LTM – Last twelve months)







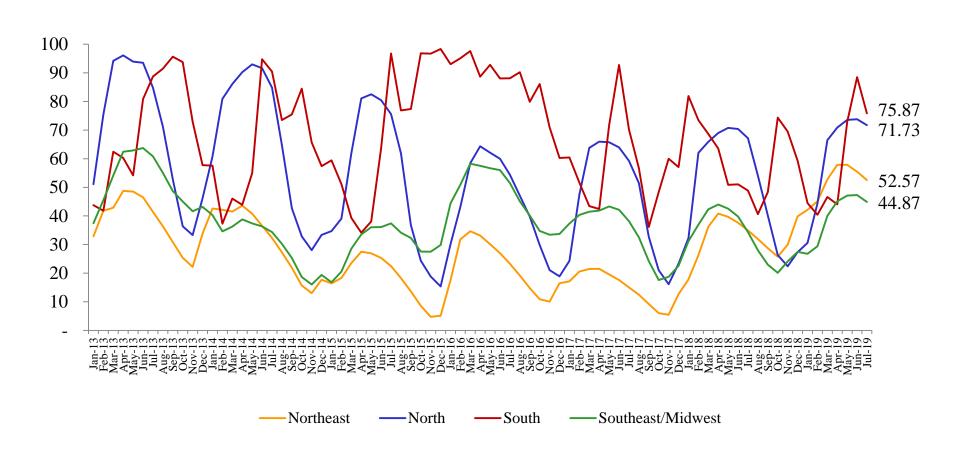




Source: May 2019 monthly operational survey (PMO).

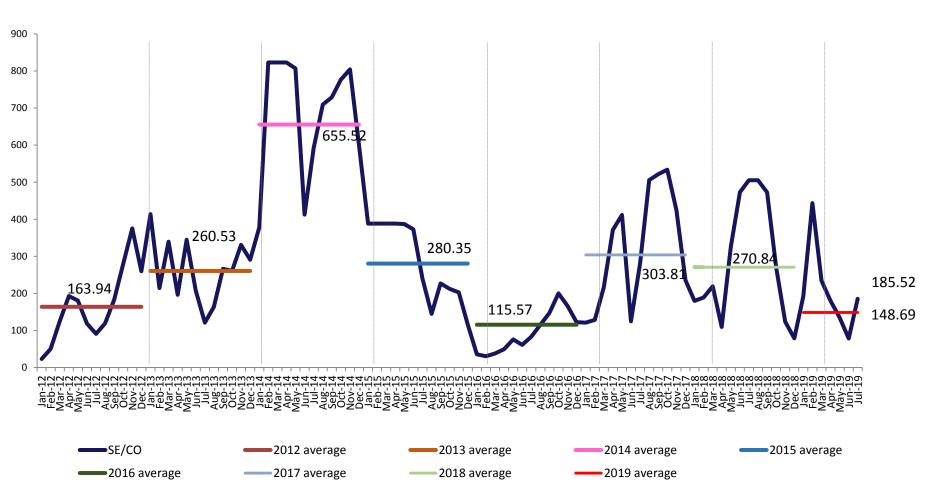


by region (%)\*



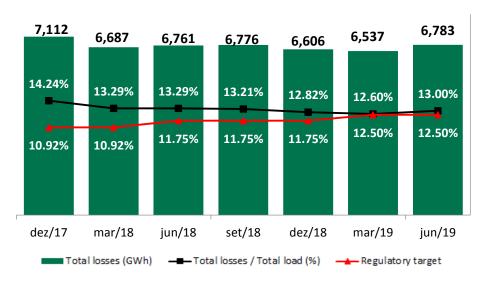


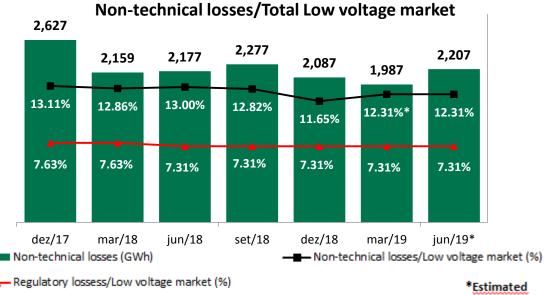
#### Brazil: eletricity spot price – monthly average (R\$/MWh)





#### **Total losses/Total load**



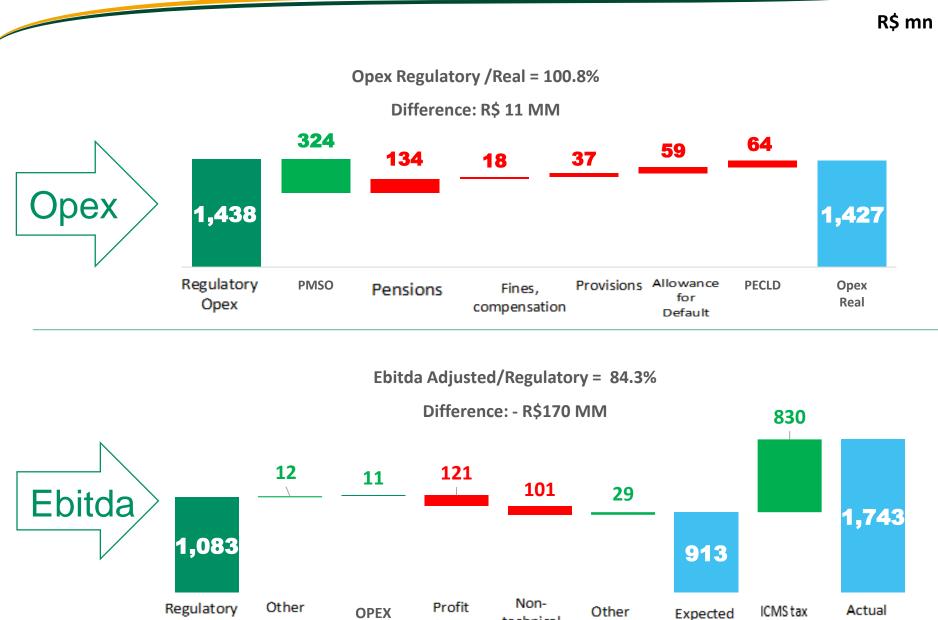


Opex



Ebitda

Revenues



technical

losses

differences

Ebitda

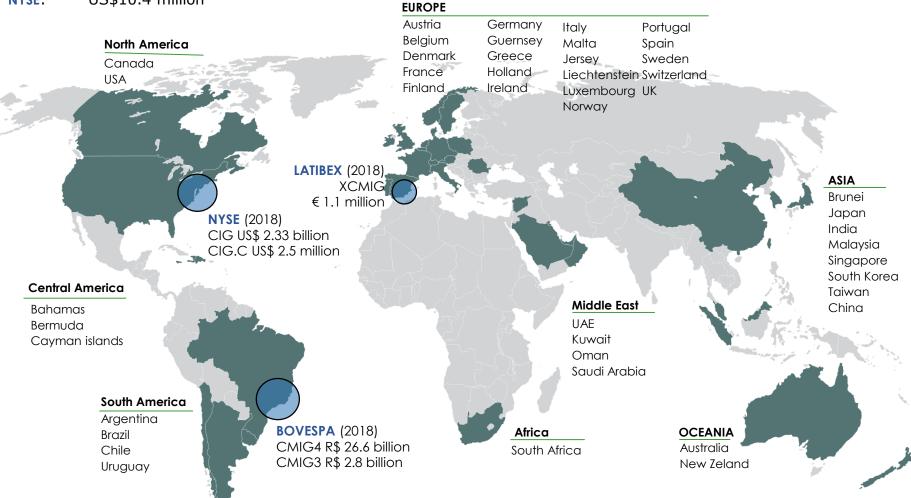
ruling

shares



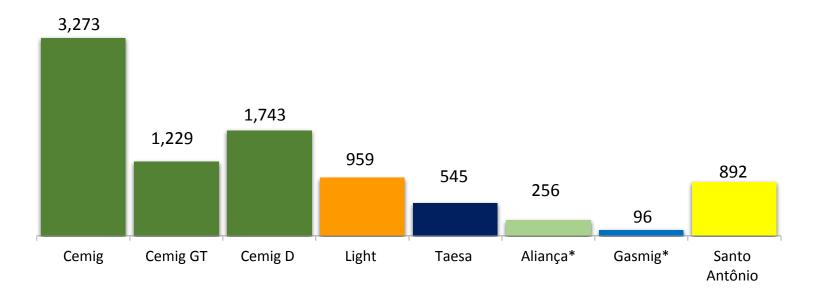
#### Average daily trading volume in 2018

BOVESPA: R\$120.1 million NYSE: US\$10.4 million



- Shares traded on 3 stock exchanges
- Over 140,000 stockholders in 38 countries

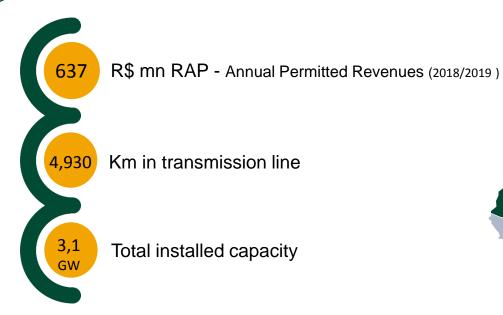




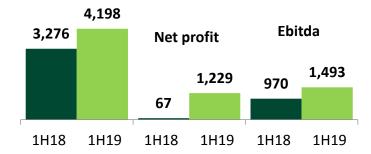
Companies	1\$19	% Cemig	Proportional	Guidance 2019
Cemig	3,273			4,534 - 4,915
Cemig GT	1,229	100.00	1.229	2,077 - 2,354
Cemig D	1,743	100.00	1.743	2,007 - 2,135
Light	959	22.58	118	
Taesa	545	21.68	115	
Aliança	256	45.00	96	
Gasmig	96	99.57	95	
Santo Antônio	892	15.51	138	

<sup>\*</sup>Estimated









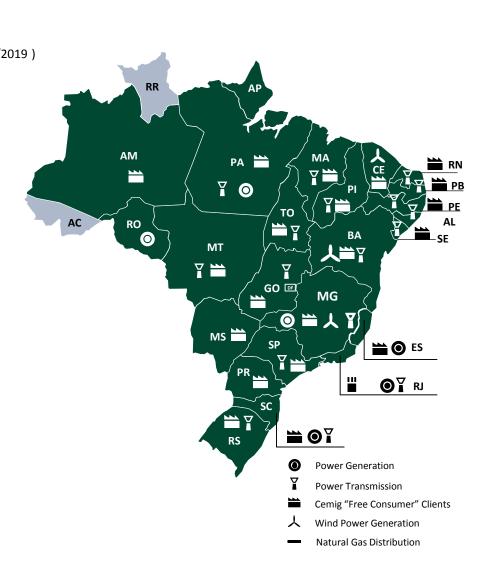
FitchRatings A+(bra)



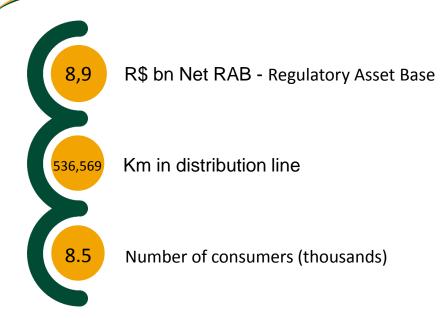
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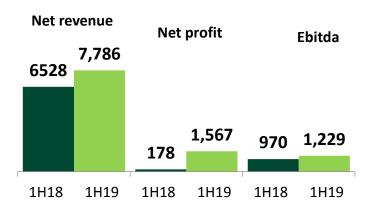










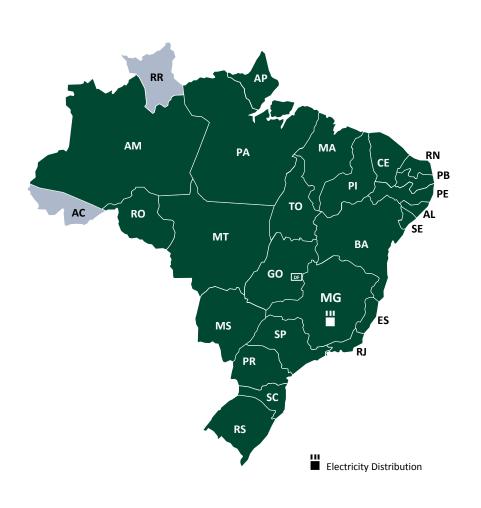




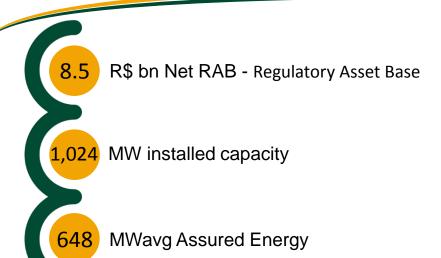




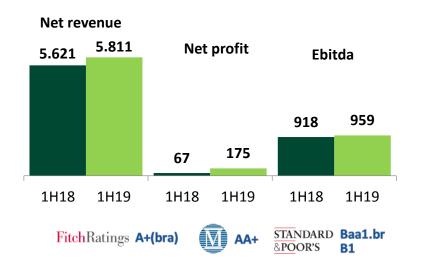










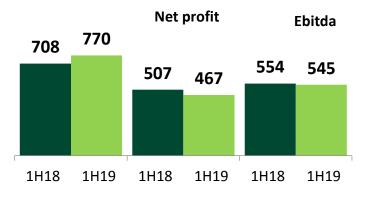








#### Net revenue



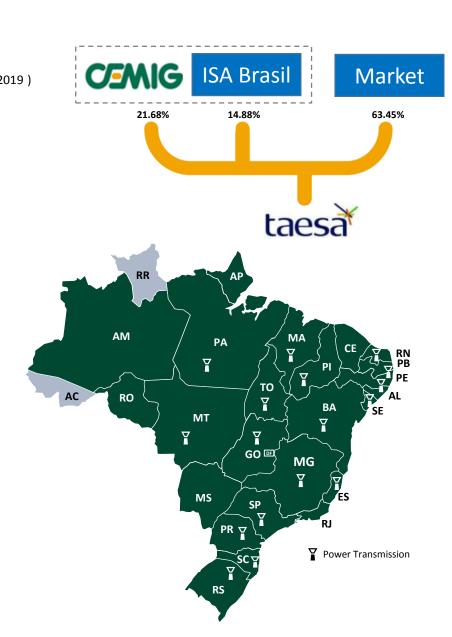




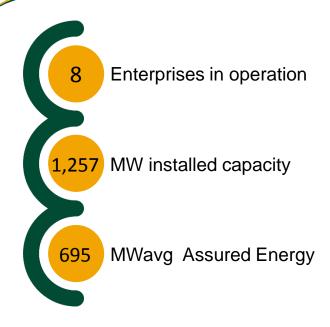
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STANDARD Baa1.br

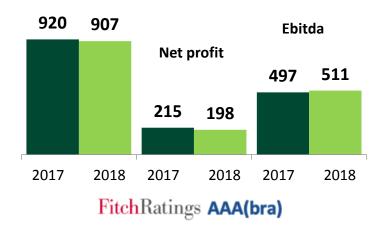




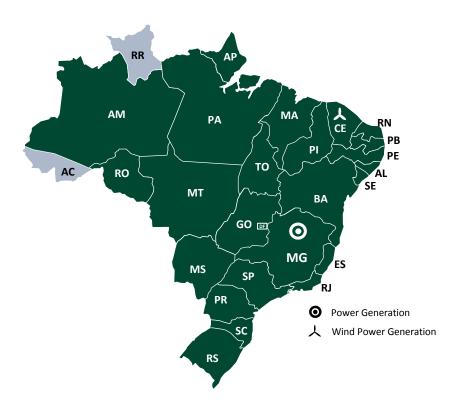














1H18

1H19

1H18

1H19

1H18

1H19

