INPROVE A THAT HAVE admission desertantination 11,018/1 11111 Beiter ihr frend ililitigit -it ACCOUNT. alle and alle ilit it itit III. II 1.014444 111.11.11 111 111 1,0,0,0,0,0,0,0 i fiji ja je je ti en tram 11111111,0 TIM 111 fije tjo 1111111111111 WHERE WE and the second 1444 - 1144 at all



# 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.

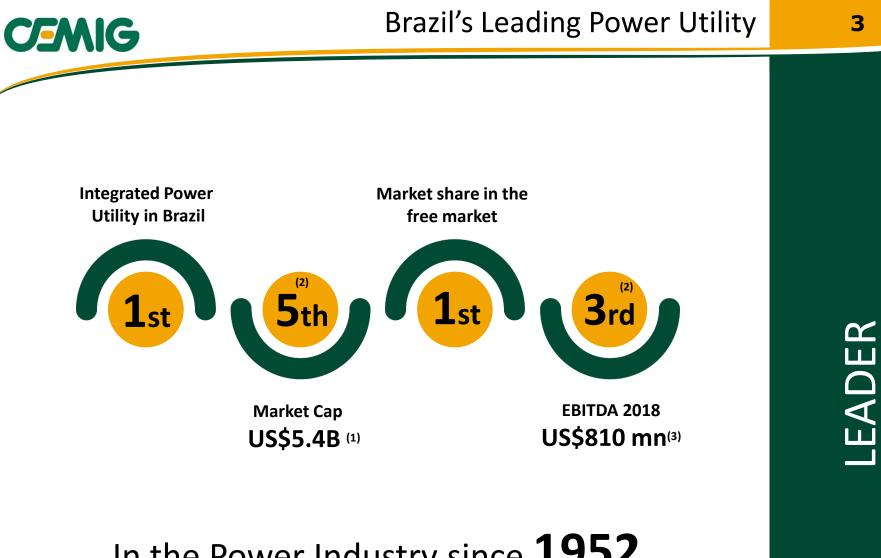
These expectations are based on present assumptions and analyses from the viewpoint of our management, based on their experience, the macroeconomic environment, market conditions in the energy sector and our expected future results, many of which are not under Cemig's control.

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**

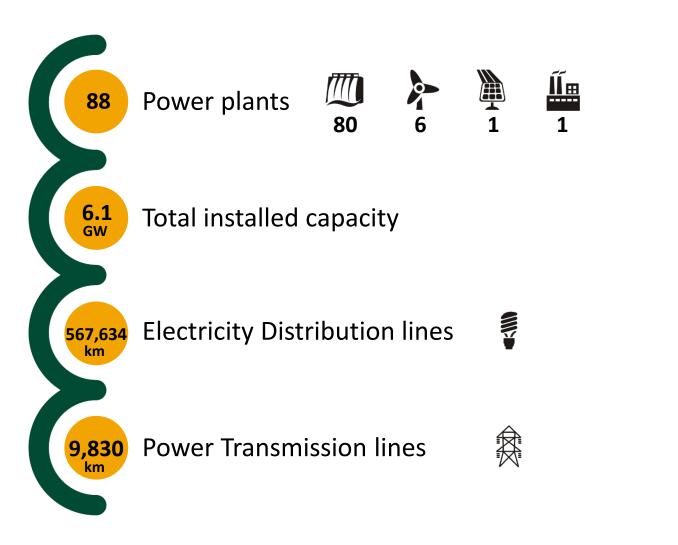
(1) As of September 13<sup>th</sup>, 2019

(2) In the Brazilian Energy Industry

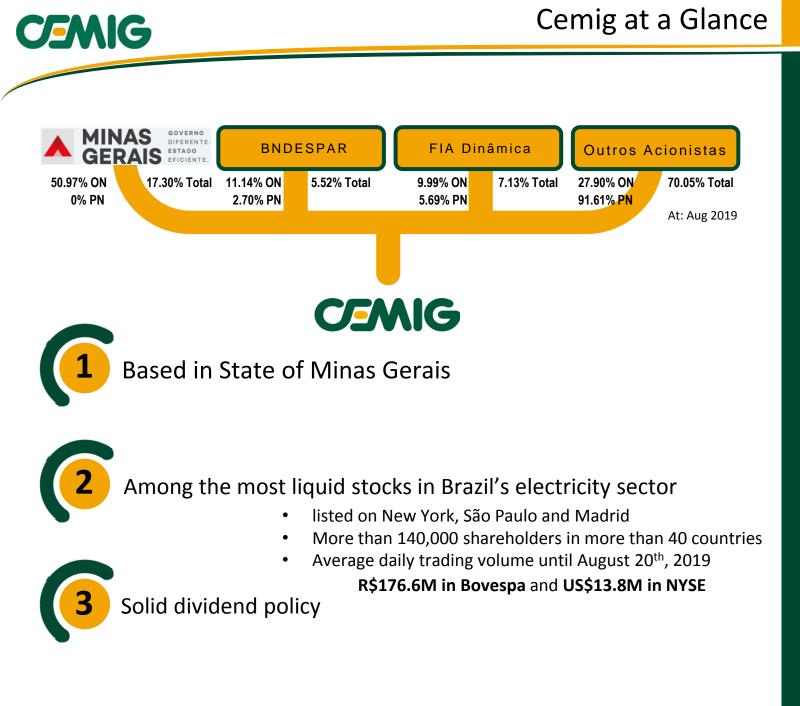
(3) FX R\$/US\$4,04 - on August 20<sup>th</sup>, 2019



### Cemig: in Numbers



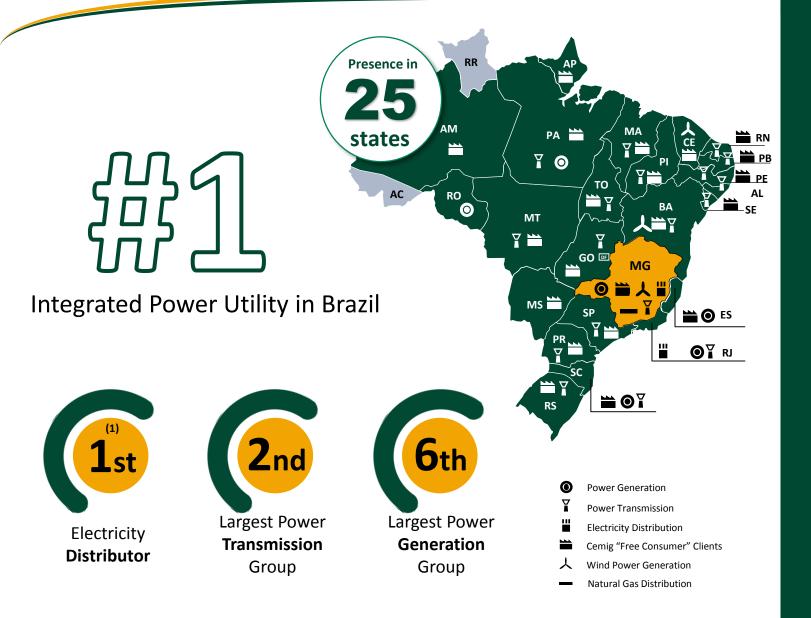
# POWER UTILITY



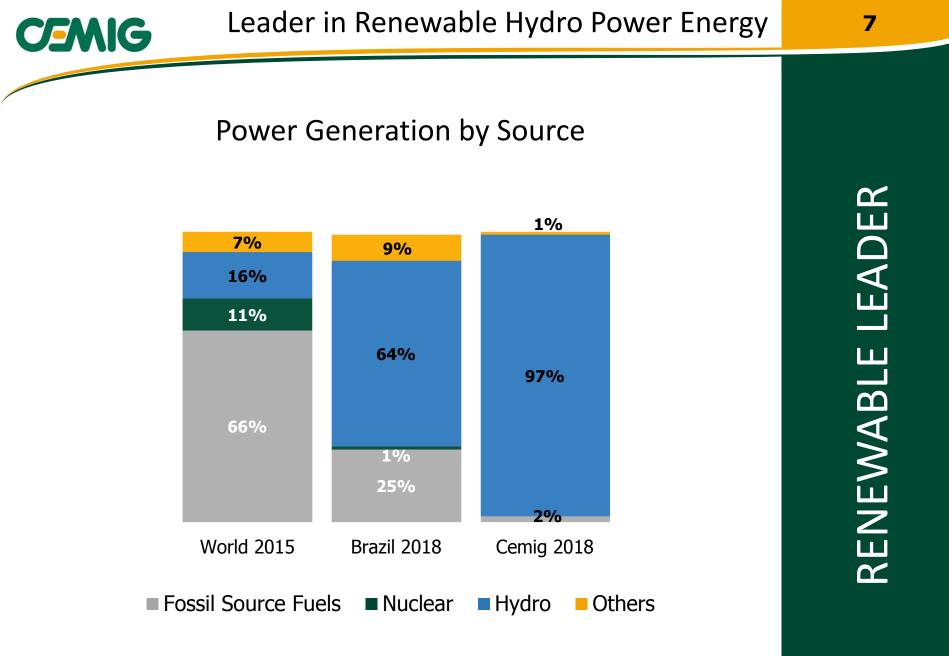


## Cemig is Uniquely Positioned

6



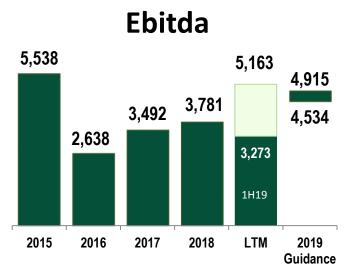
# INTEGRATED

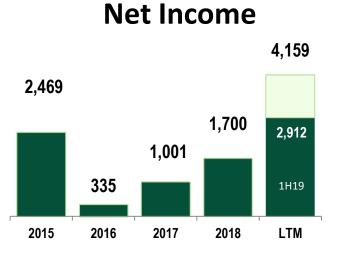


Source: EPE [BEN 2017 – Preliminar Results and IEA [Key World EnergyStatistics-2015]

# R\$ million



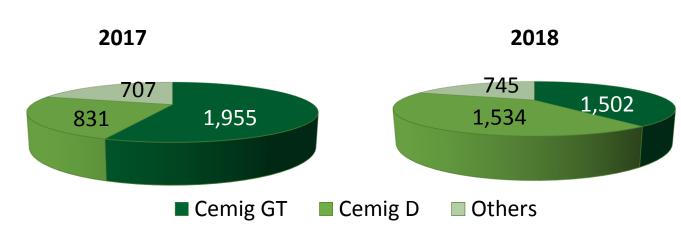




LTM: Last twelve months

# **Breakdown of Ebitda**

Diversified, Low Risk Business Portfolio



# CASH GENERATION

8

Most of the revenues are inflation protected



### 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

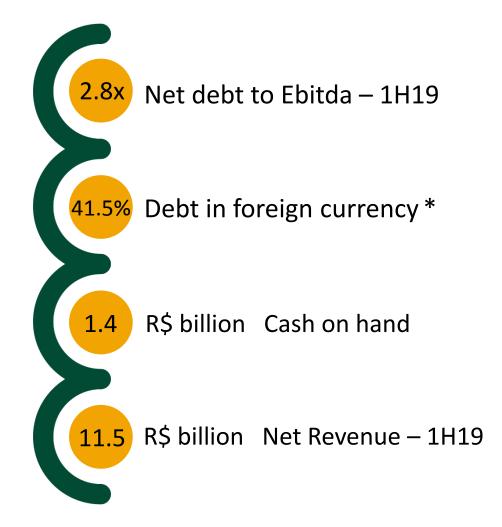
Minimum payout – 50% of the net profit

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%\*

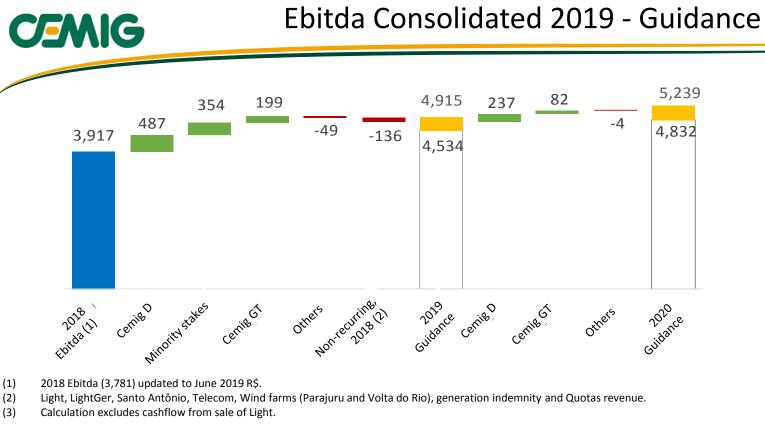
\* closing price of preferred shares on December 30, 2018

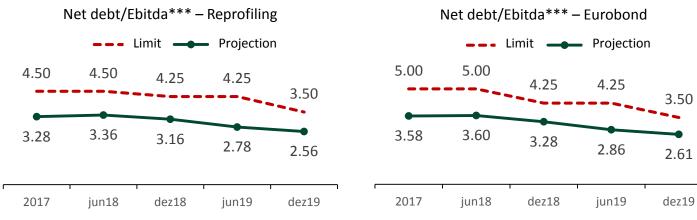




\* Debt in Dollar converted into CDI percentage per hedging instrument, within a band of Exchange variation

# STABILITY





- \* 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.

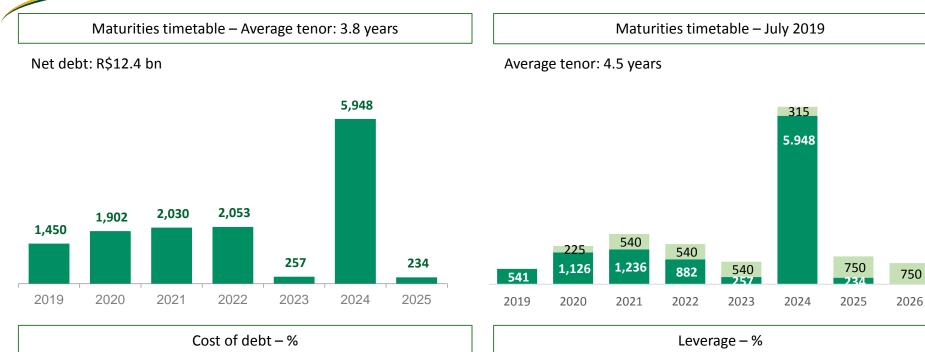
**PROJECTION** 



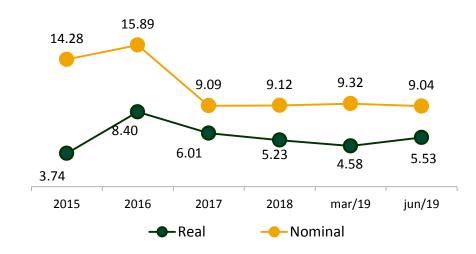
## Cemig - consolidated debt profile

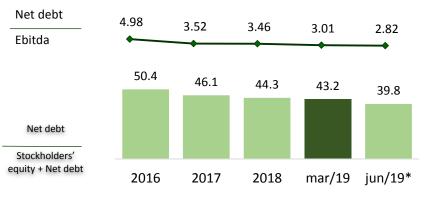
12

R\$ million – 1H19



\*

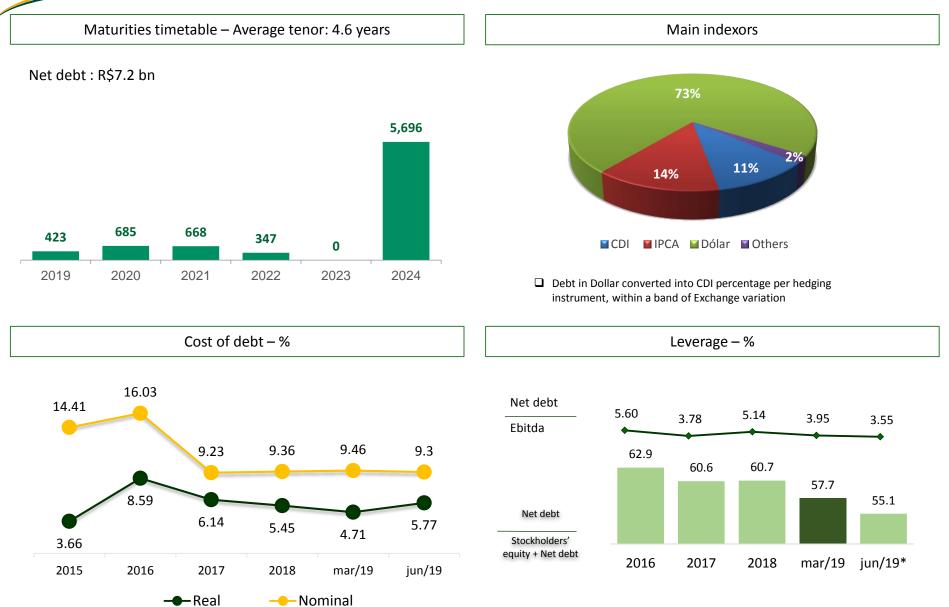




Ebitda adjustments for ICMS tax ruling, and Renova provision.

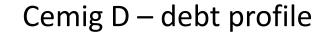
### 13

R\$ million – 1H19



CEMIG

\* Ebitda Adjustments for ICMS tax ruling, and Renova provision.



### 14

### R\$ million – 1H19

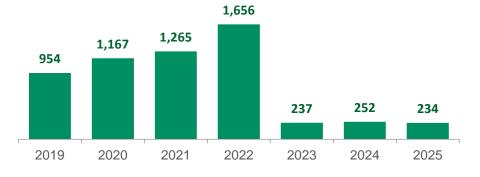
jun/19\*

mar/19

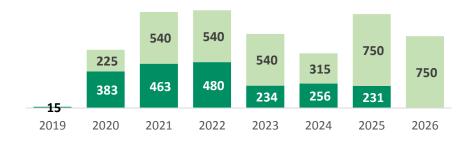
Maturities timetable – Average tenor: 2.7 years

Net debt : R\$5.3 bn

CEMIG



Average tenor: 4.5 years



Maturities timetable - July 2019

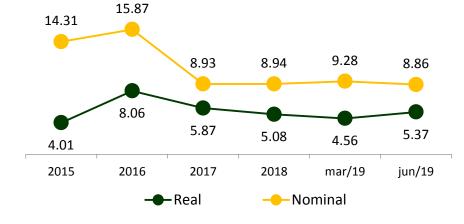
Cost of debt – %

Leverage – %



2017

2018



\* Ebitda adjustment for ICMS tax ruling..

2016

Net debt

Stockholders'

equity + Net debt

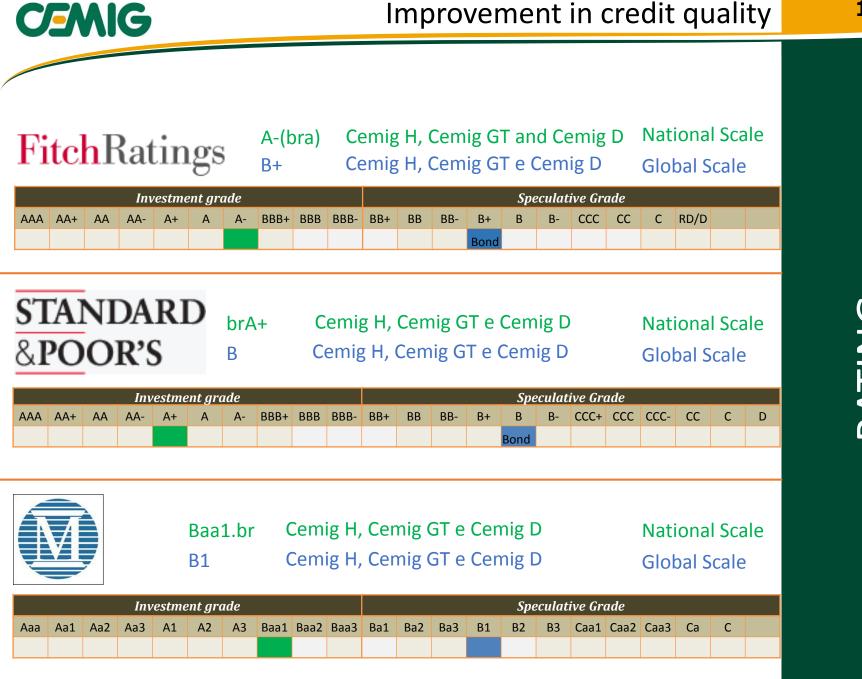


### Strategy was designed to deleverage Cemig

Company	Stake %	Amount R\$ MM	Status		
			Realized		
taesat	9.86%	717'	Block trade completed		
	25%	801	Transfer, to Taesa, completed (November, 2017)		
CEMIG TELECOM	100%	649 <sup>1</sup>	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>	625'	Sales of 33,333,333 shares, through follow-on, on July 11, 2019		
			In progress		
	-	_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		
SantoAntónio	15%	727²	Resumption of negotiations with the potential buyer		
GA(MIG	49% ON 100% PN	1,472²	Structuring of sale model in legal analysis		
	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





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

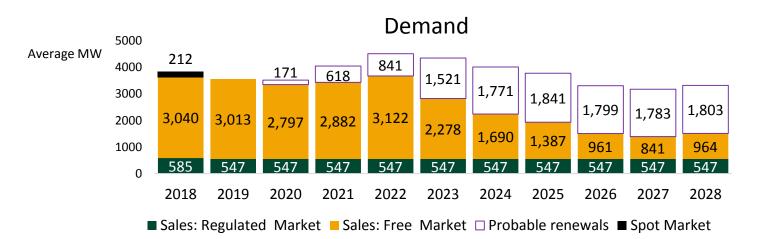
# Cemig GT: Supply/demand

CEMIG

### Position in September, 2019



Total Supply	3.837	3.703	3.381	3.225	3.816	3.863	3.668	3.177	2.759	2.754	2.335
Current Balance	-	143	37	-204	147	1.038	1.431	1.243	1.251	1.366	824
	3.837	3.560	3.344	3.429	3.669	2.825	2.237	1.934	1.508	1.388	1.511
Total Demand											



# POWER BALANCE









MEMBER OF Dow Jones Sustainability Indices In Collaboration with RobecoSAM

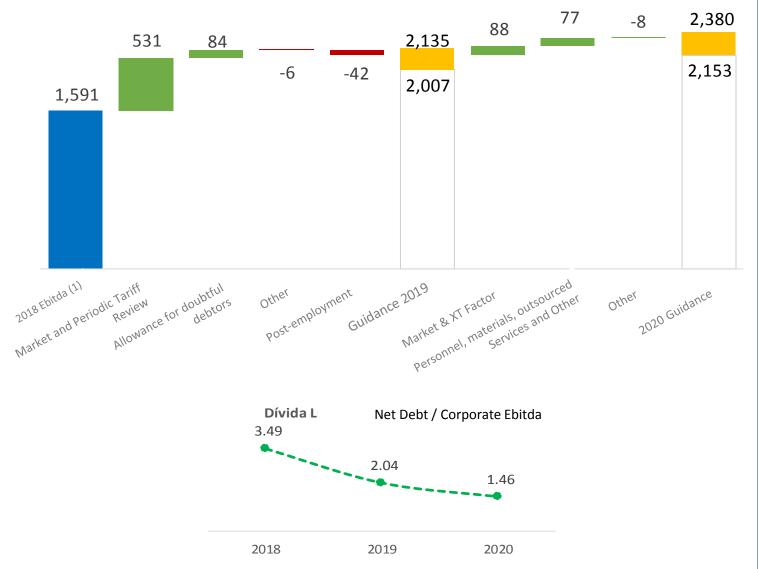
# CEMIG

Investor Relations Tel: +55 (31) 3506-5024 ri@cemig.com.br http://ri.cemig.com.br



## Cemig D: Ebitda 2019

20



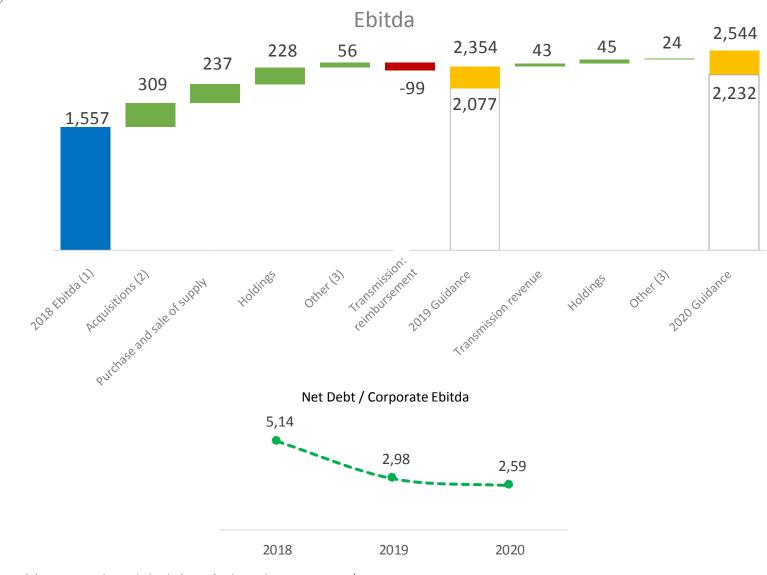
Guidance

(1) 2018 Realized Ebitda (1,534) adjusted to June 2019 R\$.

R\$ mn (June 2019)



## Cemig GT: Ebitda 2019



# Guidance

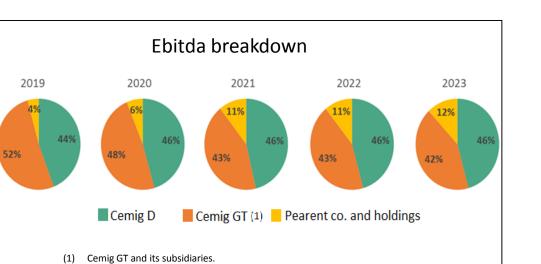
(1) 2018 adjusted Ebitda (1,517) adjusted to June 2019 R\$.

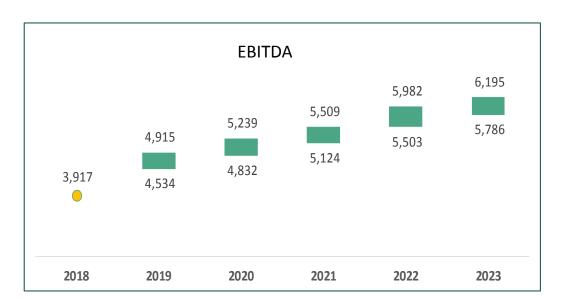
(2) Parajuru, Volta do Rio and wholly-owned subsidiaries of the Cemig parent company.

(3) 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 G1
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 Indebted	dness
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	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 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	



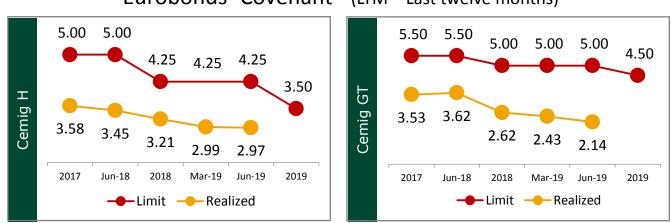
12 months		1H19	
R\$ (in million)	GT	Н	
Consolidated Indebtedness	7,819	23,385	
<i>plus</i> debt contracts with Forluz	266	1.175	
plus carrying liability of any put option obligation	458	441	
<i>minus</i> escrow account amounts deposited to satisfy any put option obligation <i>minus</i> consolidated 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	



Covenant

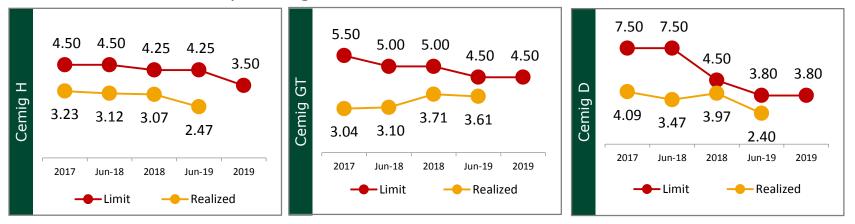
26

### Net debt/Ebitda

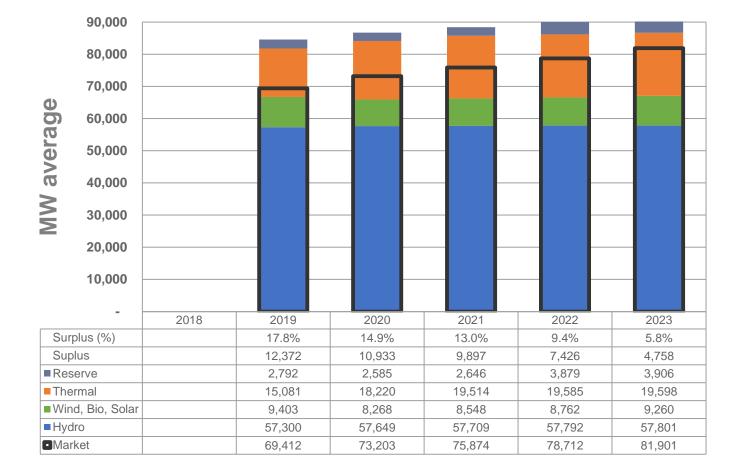


Eurobonds' Covenant - (LTM – Last twelve months)

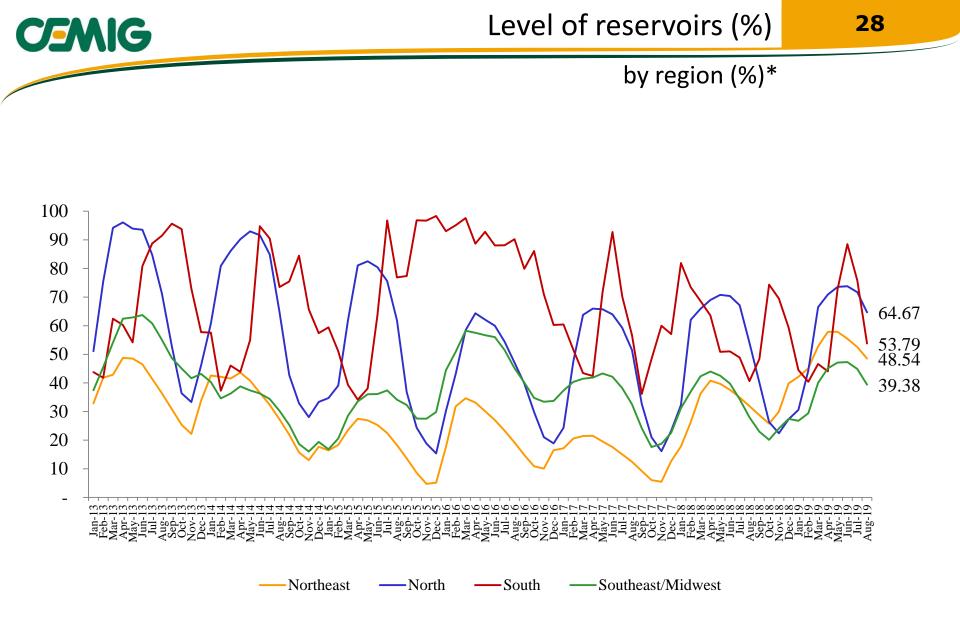
### Reprofiling's Covenant - (LTM – Last twelve months)



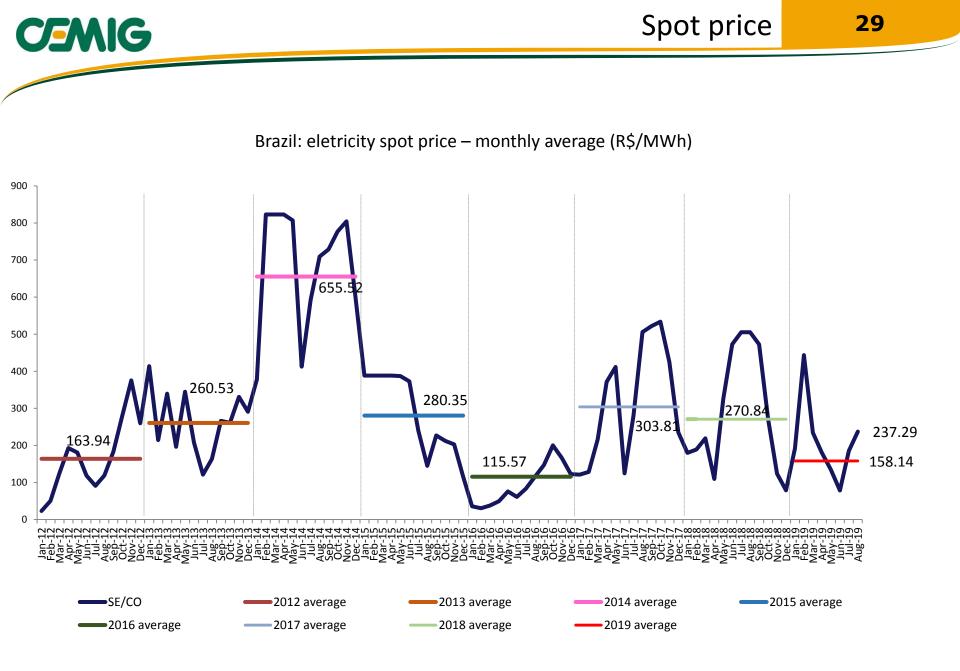




Source: May 2019 monthly operational survey (PMO).

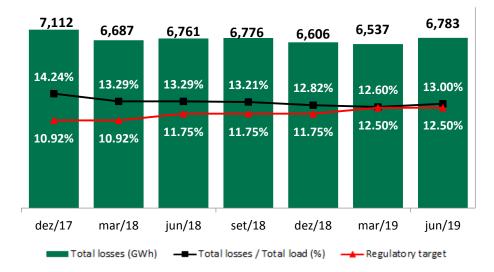


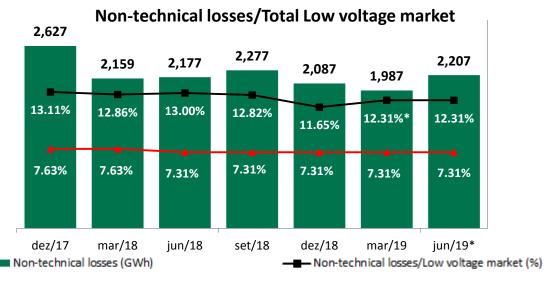
\*Source: ONS



## Cemig D Losses

Total losses/Total load





### \*Estimated

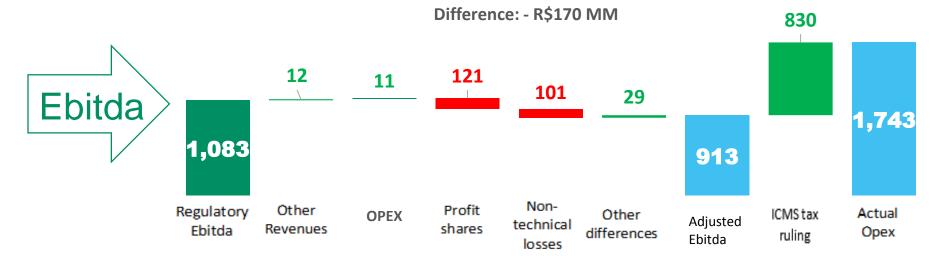
R\$ mn

**Opex Regulatory / Real = 100.8%** 

Difference: R\$ 11 MM



Ebitda Adjusted/Regulatory = 84.3%

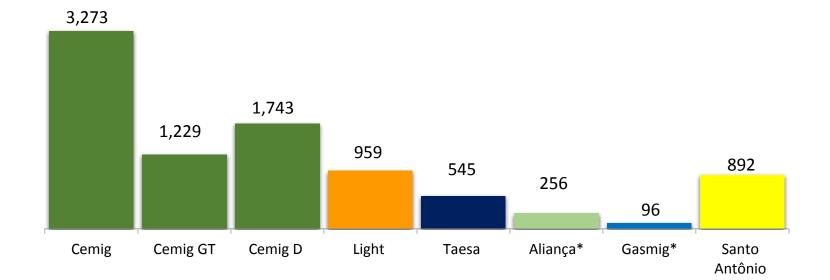


Average daily trading volume in 2018 BOVESPA: R\$120.1 million US\$10.4 million NYSE: EUROPE Austria Germany Portugal Italy Belgium Guernsey Malta Spain North America Denmark Greece Jersey Sweden Canada France Holland Liechtenstein Switzerland USA Finland \_ Ireland -Luxembourg UK Norway LATIBEX (2018). ASIA XCMIG Brunei € 1.1 million Japan NYSE (2018) India CIG US\$ 2.33 billion Malaysia CIG.C US\$ 2.5 million Singapore South Korea **Central America** Taiwan **Middle East** China Bahamas UAE Bermuda Cayman islands Kuwait Oman Saudi Arabia South America Argentina **BOVESPA** (2018) Africa OCEANIA Brazil CMIG4 R\$ 26.6 billion Australia Chile South Africa CMIG3 R\$ 2.8 billion New Zeland Uruguay

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



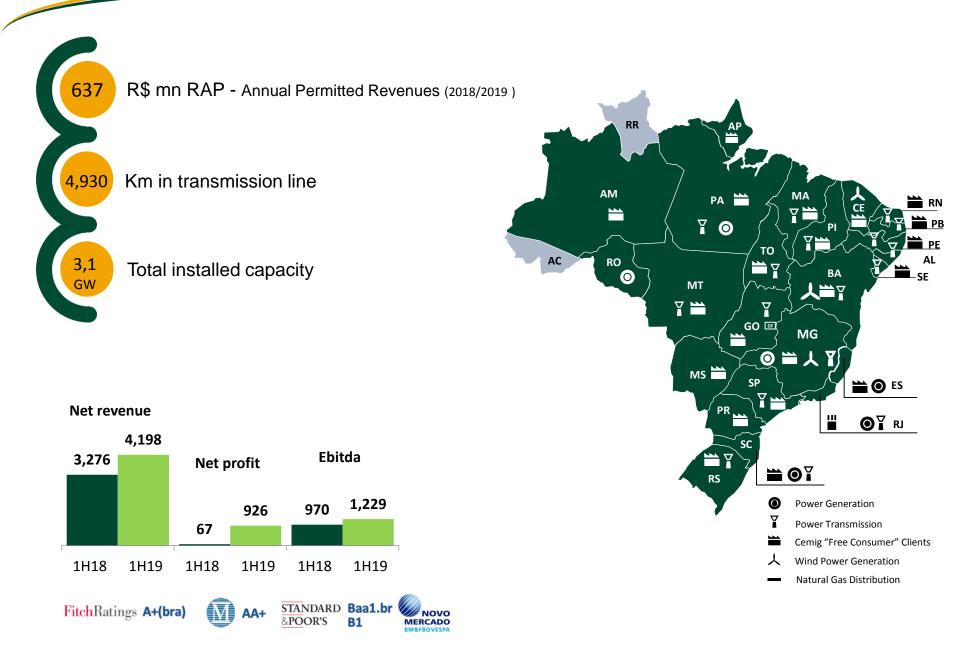
33



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	217	
Taesa	545	21.68	118	
Aliança	256	45.00	115	
Gasmig	96	99.57	95	
Santo Antônio	892	15.51	138	

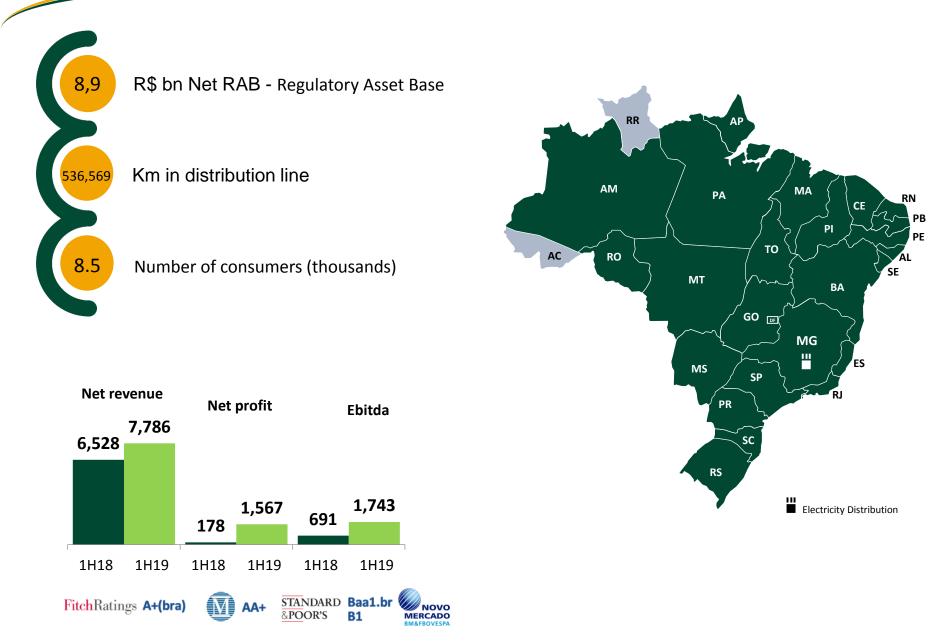




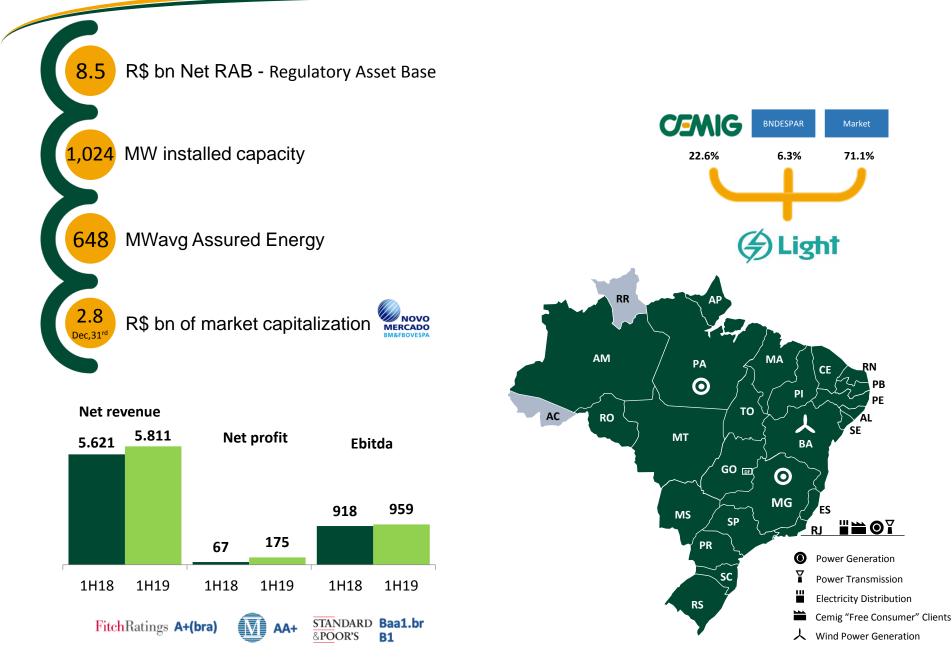












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Light



taesat

