

# XXII

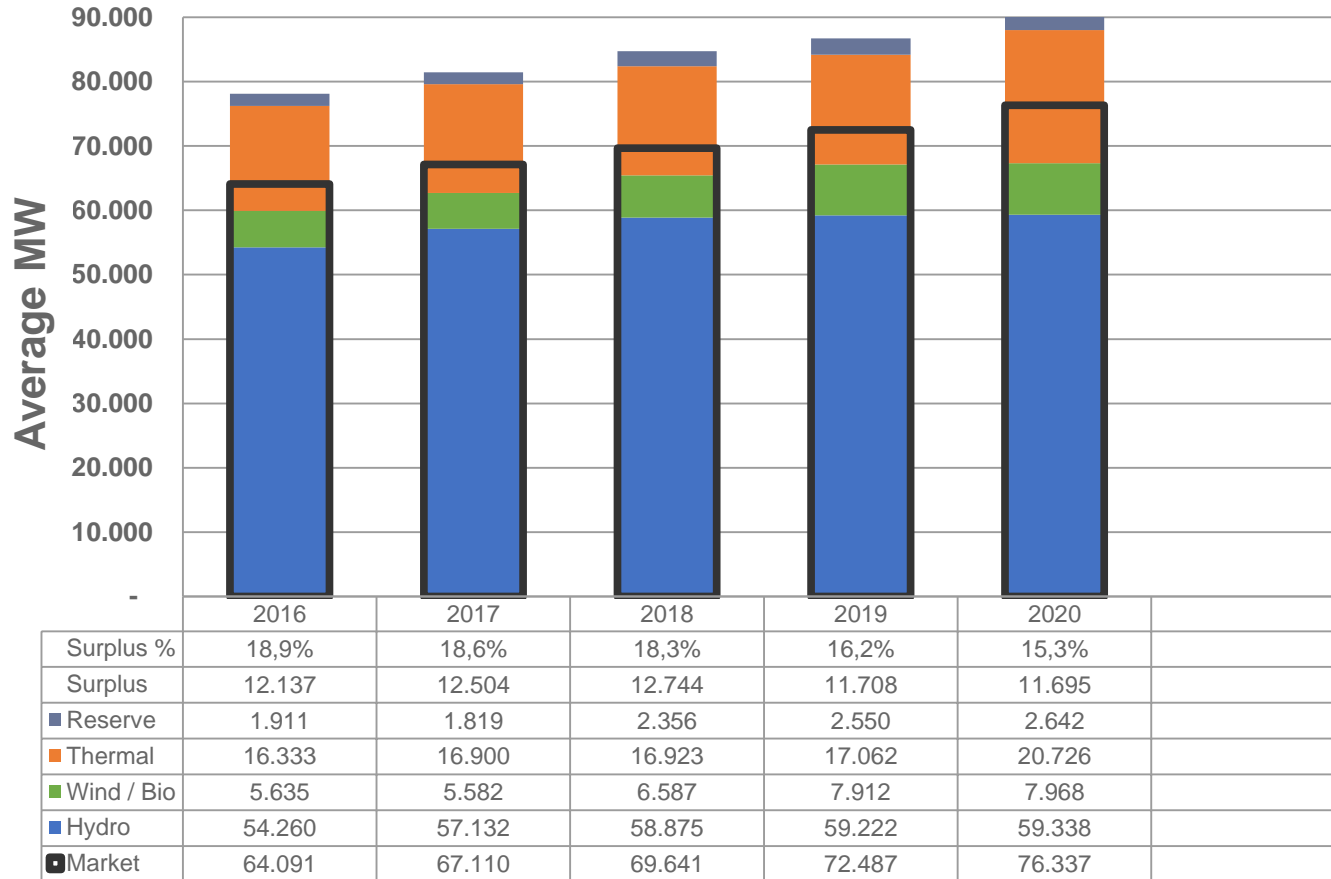
## Annual Meeting with Capital Markets

Supply and demand balance Cemig GT and the Grid

Executive responsible: Marcus Vinícius de Castro Lobato



# Brazilian National Grid: projections, 2016-20 – at May 2016

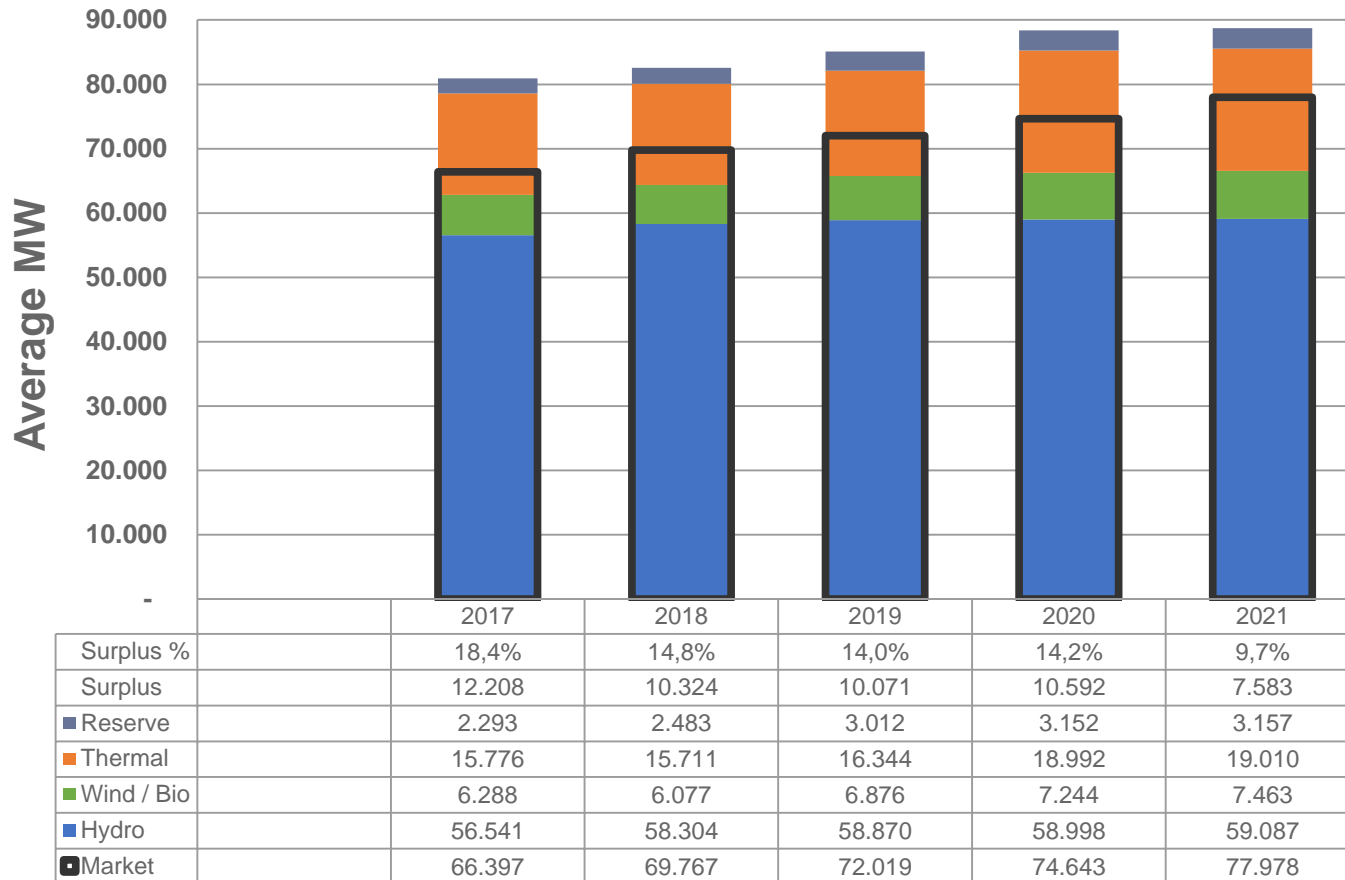


Source: **PMO (Monthly Operation Program), May 2016** (1st four-month review, 2016).

Analysis by Cemig assuming GDP growth of 1.36% p.a. in 2016-2020.

In the first year, the information corresponds to the period May to December.

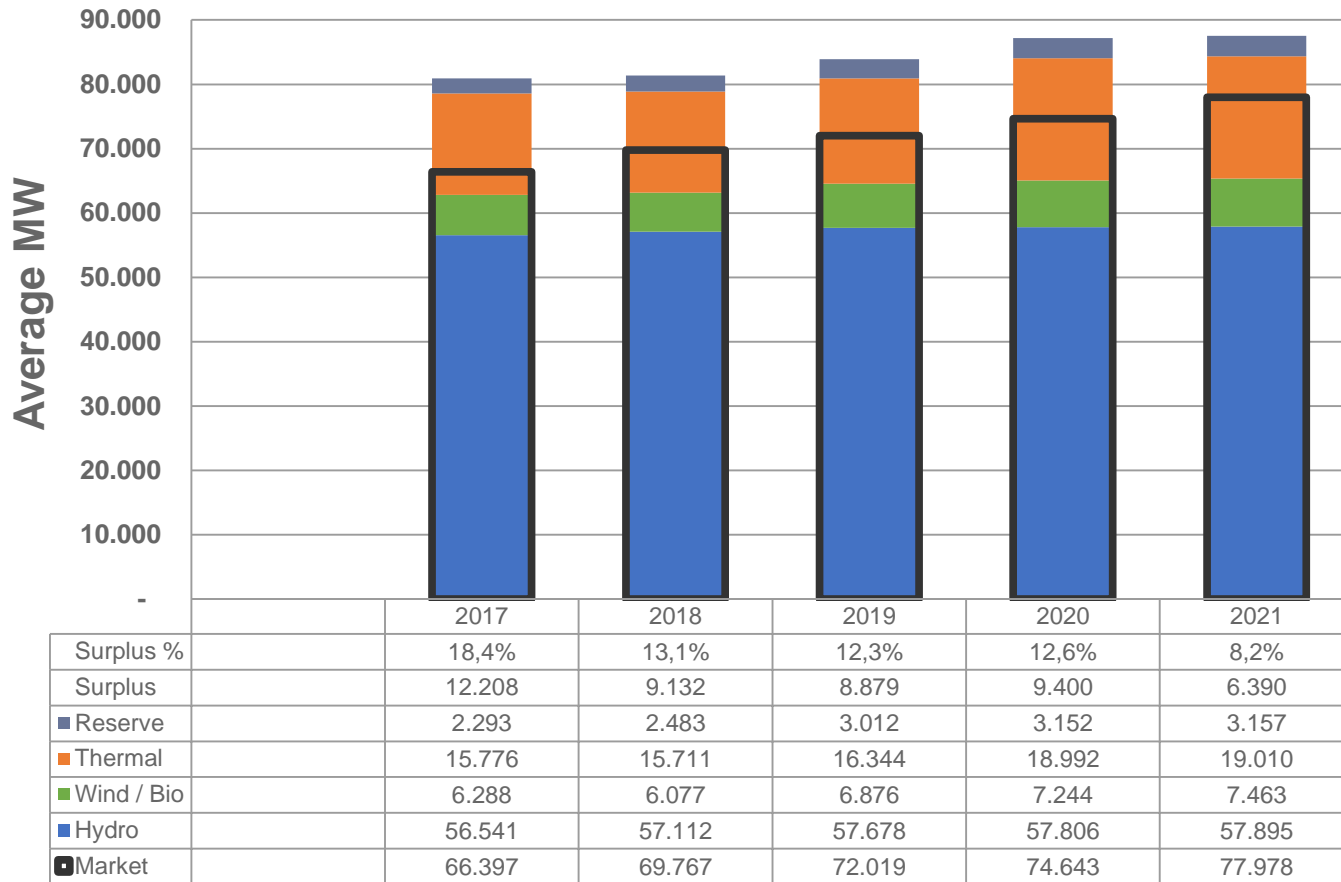
## Brazilian National Grid: projections, 2017-21 – May 2017



Source: **PMO (Monthly Operation Program), May 2017**, after first four-month review of 2017.

Assuming GDP growth of 2.0% in 2016-2021.

## Brazilian National Grid: projections, 2017-21 – May 2017



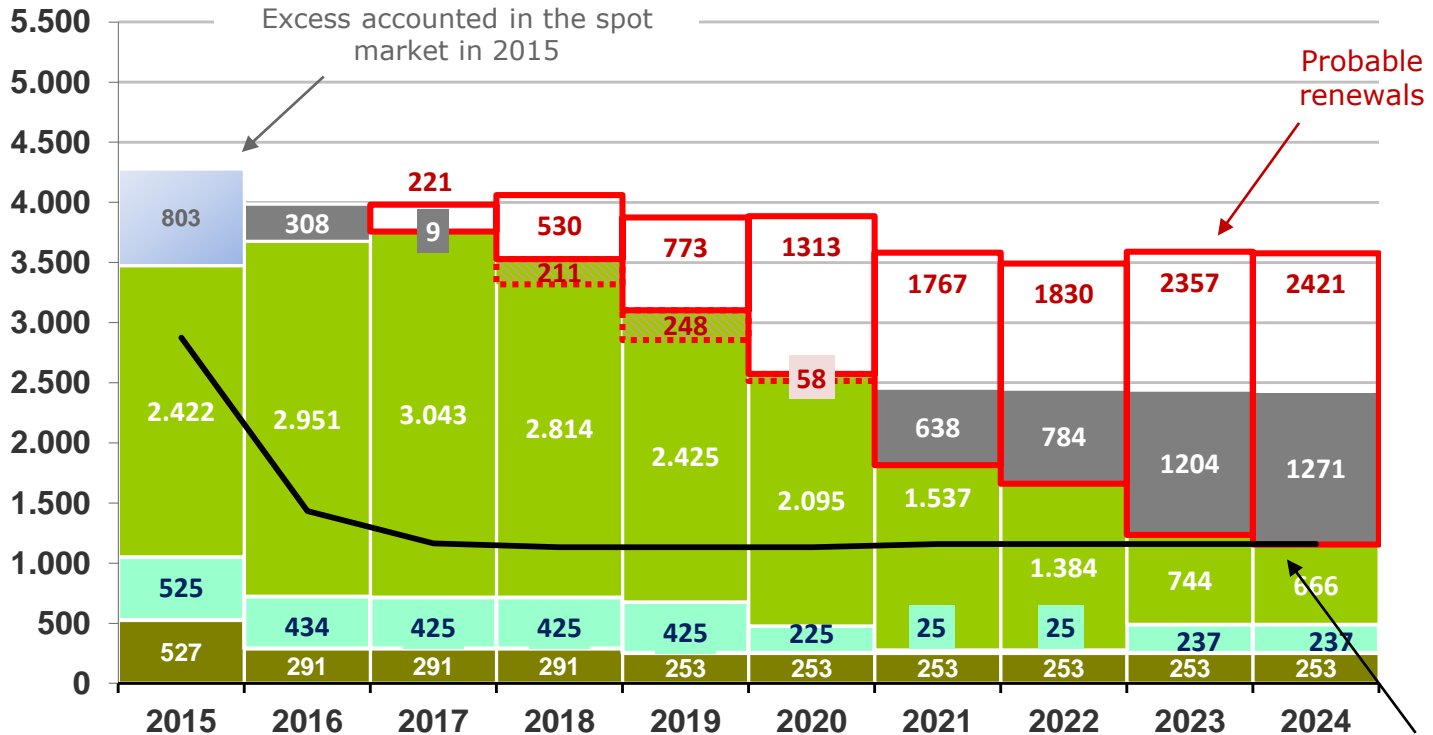
Source: **PMO (Monthly Operation Program), May 2017**, after first four-month review of 2017.

Assuming GDP growth of 2.0% in 2016-2021.

# Cemig GT: Supply and demand

Figures presented at  
21st Apimec Meeting,  
May 24, 2016

MW average



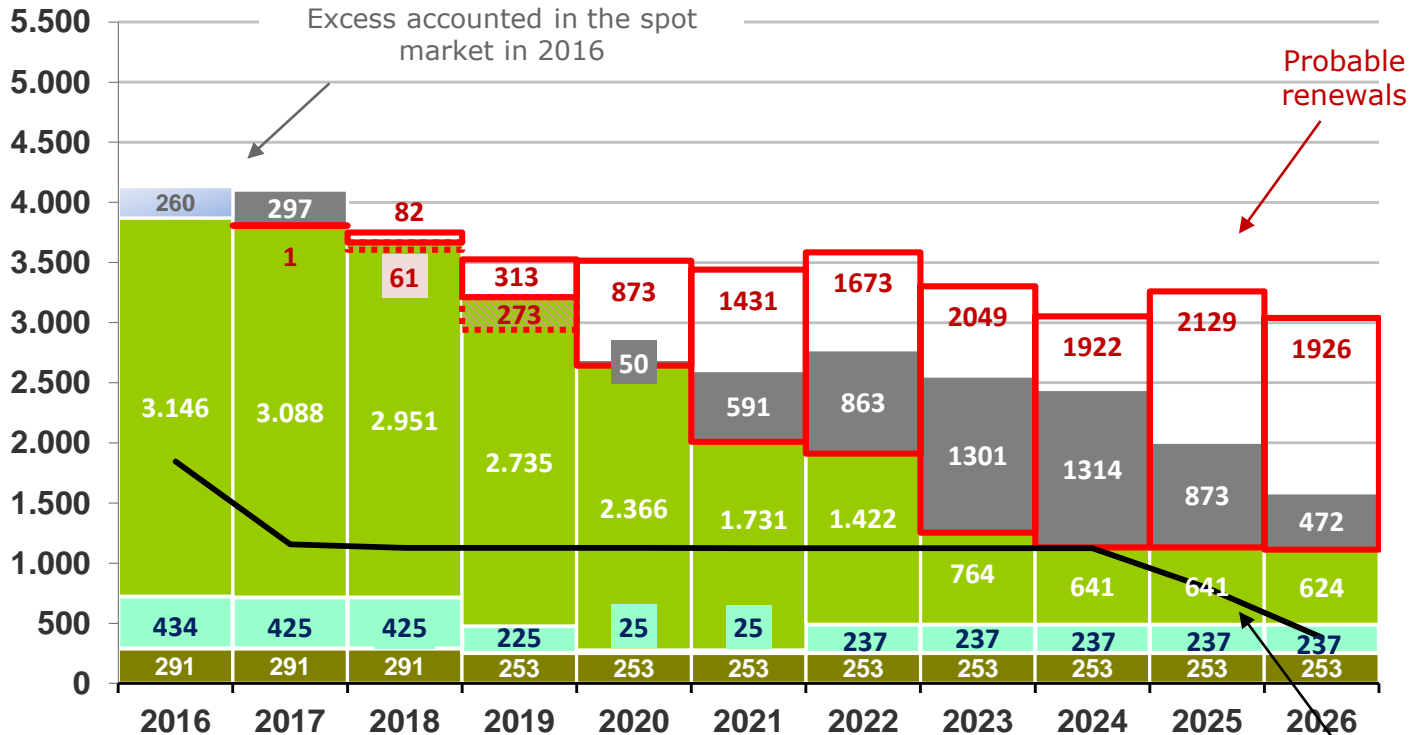
- Regulated Market sales (distribution companies)
- Free Market sales (Free Consumers and Traders)
- Excess, secondary supply
- Deficit
- Own generation
- Intermediation
- Available for trading - base
- Renewals

Own generation \*

(\* ) Assumes exclusion of the hydroelectric plants, which first or second concession periods expire in coming years; and availability to Free Market of supply from SPCs of Cemig GT.

# Cemig GT: Supply and demand

MW average



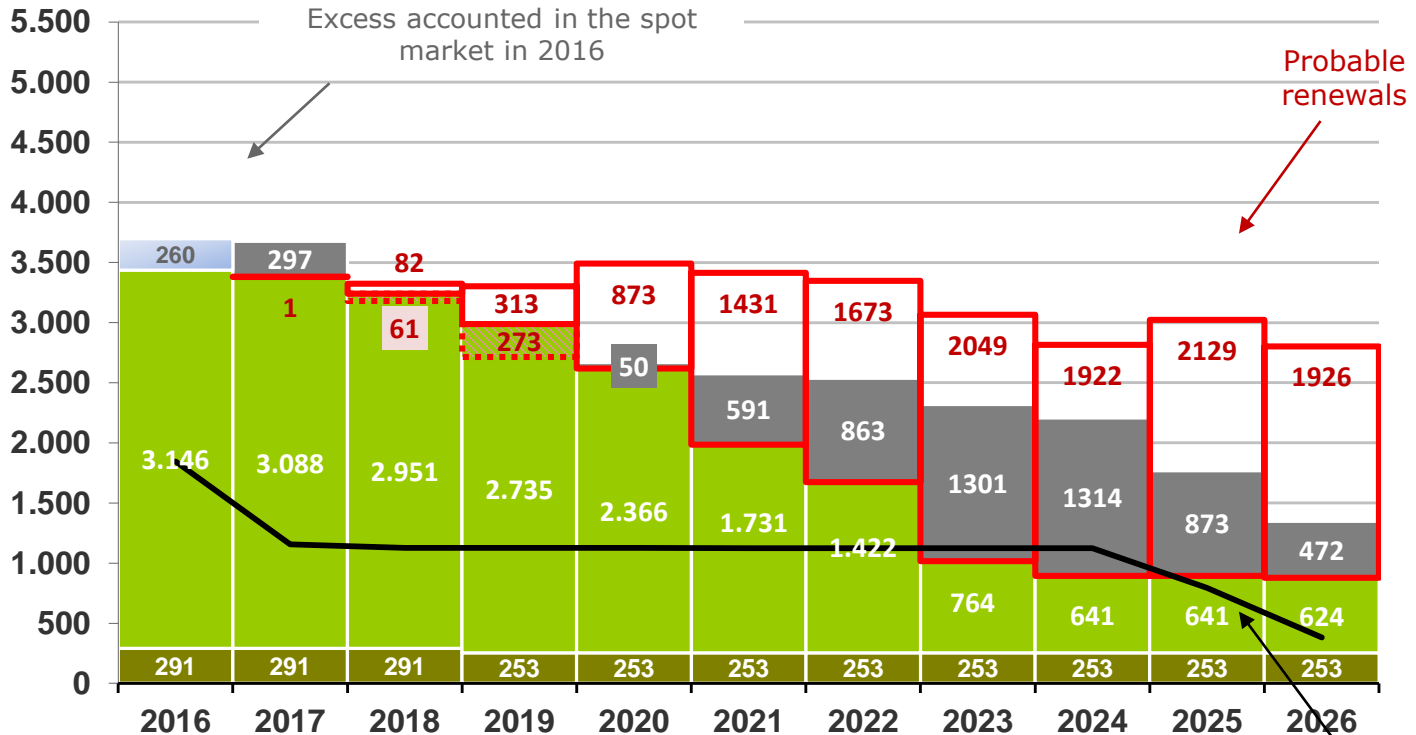
- Regulated Market sales (distribution companies)
- Free Market sales (Free Consumers and Traders)
- Excess, secondary supply
- Deficit
- Own generation
- Intermediation
- Available for trading - base
- Renewals

Own generation \*

(\*) Assumes exclusion of the hydroelectric plants, which first or second concession periods expire in coming years; and availability to Free Market of supply from SPCs of Cemig GT.

# Cemig GT: Supply and demand

MW average



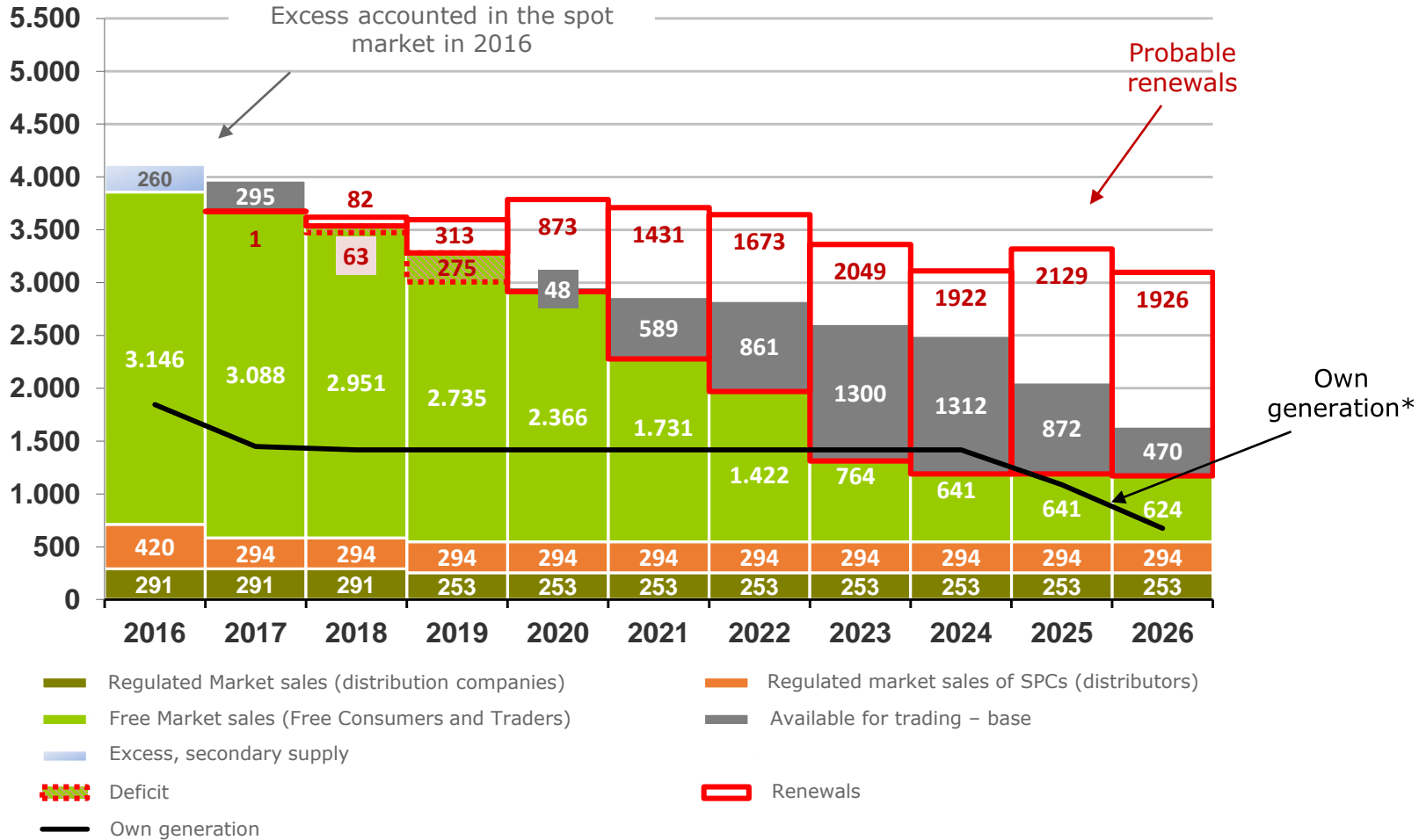
- Regulated Market sales (distribution companies)
- Free Market sales (Free Consumers and Traders)
- Excess, secondary supply
- Deficit
- Own generation
- Intermediation
- Available for trading - base
- Renewals

Own generation \*

(\*) Assumes exclusion of the hydroelectric plants, which first or second concession periods expire in coming years; availability to Free Market of supply from SPCs of Cemig GT.; and **non-inclusion of intermediation in the sales portfolio of Cemig GT.**

# Cemig GT: Supply and demand

MW average



(\*) Assumes exclusion of the hydroelectric plants, which first or second concession periods expire in coming years; non-inclusion of intermediation in the sales portfolio of Cemig GT; and 100% availability of the supply from the SPCs of Cemig GT.



XXII

Annual Meeting  
with  
Capital Markets



---

## Investor Relations

Tel: +55 (31) 3506-5024

Fax: +55 (31) 3506-5025

[ri@cemig.com.br](mailto:ri@cemig.com.br)

<http://ri.cemig.com.br/>

---



## Cemig GT: Supply and demand

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Own generation	1,047	1,013	1,013	1,013	1,012	1,010	1,010	1,010	675	256
Supply from the SPCs	418	418	418	418	418	418	418	418	418	418
Purchased	2,501	2,022	1,562	1,514	1,426	1,390	1,171	1,061	955	955
<b>Total supply</b>	<b>3,966</b>	<b>3,453</b>	<b>2,993</b>	<b>2,944</b>	<b>2,856</b>	<b>2,818</b>	<b>2,599</b>	<b>2,488</b>	<b>2,048</b>	<b>1,629</b>
Sales: Free Market	3,088	2,951	2,735	2,366	1,731	1,422	764	641	641	624
Sales: Regulated Market	585	585	547	547	547	547	547	547	547	547
<b>Total demand:</b>	<b>3,673</b>	<b>3,536</b>	<b>3,282</b>	<b>2,913</b>	<b>2,278</b>	<b>1,969</b>	<b>1,311</b>	<b>1,188</b>	<b>1,188</b>	<b>1,171</b>
<b>Balance available</b>	<b>295</b>	<b>-63</b>	<b>-275</b>	<b>48</b>	<b>589</b>	<b>861</b>	<b>1,300</b>	<b>1,312</b>	<b>872</b>	<b>470</b>

*Position on May 16, 2017*