

Gralha Azul Transmission System / PR



Salto Santiago Hydropower Plant / PR



Assú V Photovoltaic Complex / RN

Institutional Presentation

1Q24

May, 2024

ENGIE BRASIL ENERGIA S.A.

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Highlights and ESG KPIs
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São Salvador Hydropower Plant / TO



1

Highlights

Trairi Wind Complex / CE

1Q24 Highlights

The sale operation of **15% stake held in TAG** has been completed, with the Company remaining the holder of 17.5% of the share capital.

The **acquisition of the Juazeiro, São Pedro, Sol do Futuro, Sertão Solar and Lar do Sol Photovoltaic Complexes**, with an installed capacity of 547.6 MWac (661 MWp) and 145.1 aMW of commercial capacity was concluded.

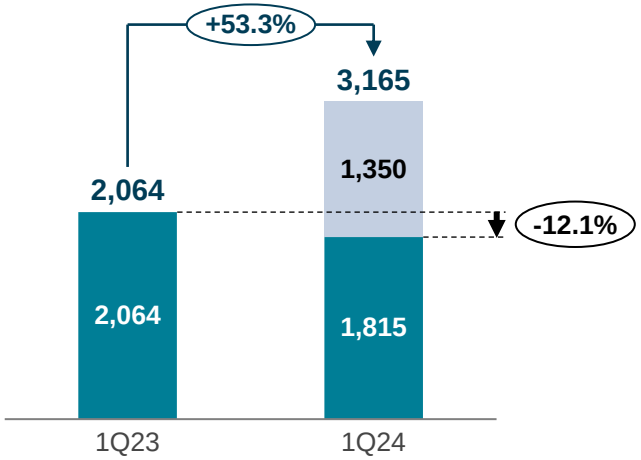
Fitch Ratings reaffirmed the Long-Term National Rating at 'AAA(bra)'. The long-term international ratings were also reiterated at '**BB+**' (foreign currency) and '**BBB-**' (local currency), all with a stable outlook.

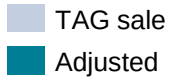
AGM approved the distribution of **mandatory and complementary dividends for the fiscal year of 2023** in the amount of R$ 994.5 million (R$ 1.2188/share).

Shares are traded **ex-dividends** as from **May 7, 2024** and **payment** will be made on **July 26, 2024**.

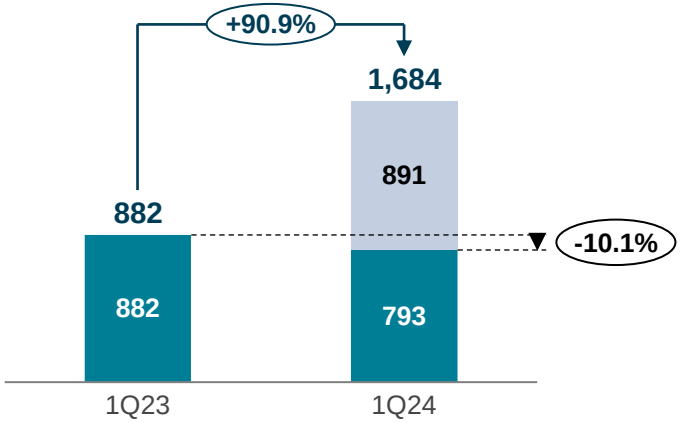
Highlights

Ebitda[1] (R$ million)





Net Income (R$ million)



Main drivers of the result vs. 1Q23:

↑	**R$ 1,350 million**	TAG sale net result	
↓	**R$ 86 million**	Result of equity income (TAG)	
↓	**R$ 117 million**	Pampa Sul Ebitda	
↑	**R$ 891 million**	Net income from TAG sale	
↓	**R$ 249 million**	Adjusted Ebitda	
↑	**R$ 195 million**	Financial result	

Note:
[1] Ebitda: net income + income tax and social contribution + financial result + depreciation and amortization.

ESG Highlights

The launch of **Sustainability Report 2023**, an important management tool for rendering accountability to the stakeholders, compliant with **Global Reporting Initiative (GRI)** and with **Bureau Veritas** Assurance.

The publication demonstrates the evolution of the corporate strategy and its developments, always connected to the **Company's purpose**: “act to accelerate the transition to a carbon-neutral society, through reduced energy consumption and more sustainable solutions”.

See the complete content here.



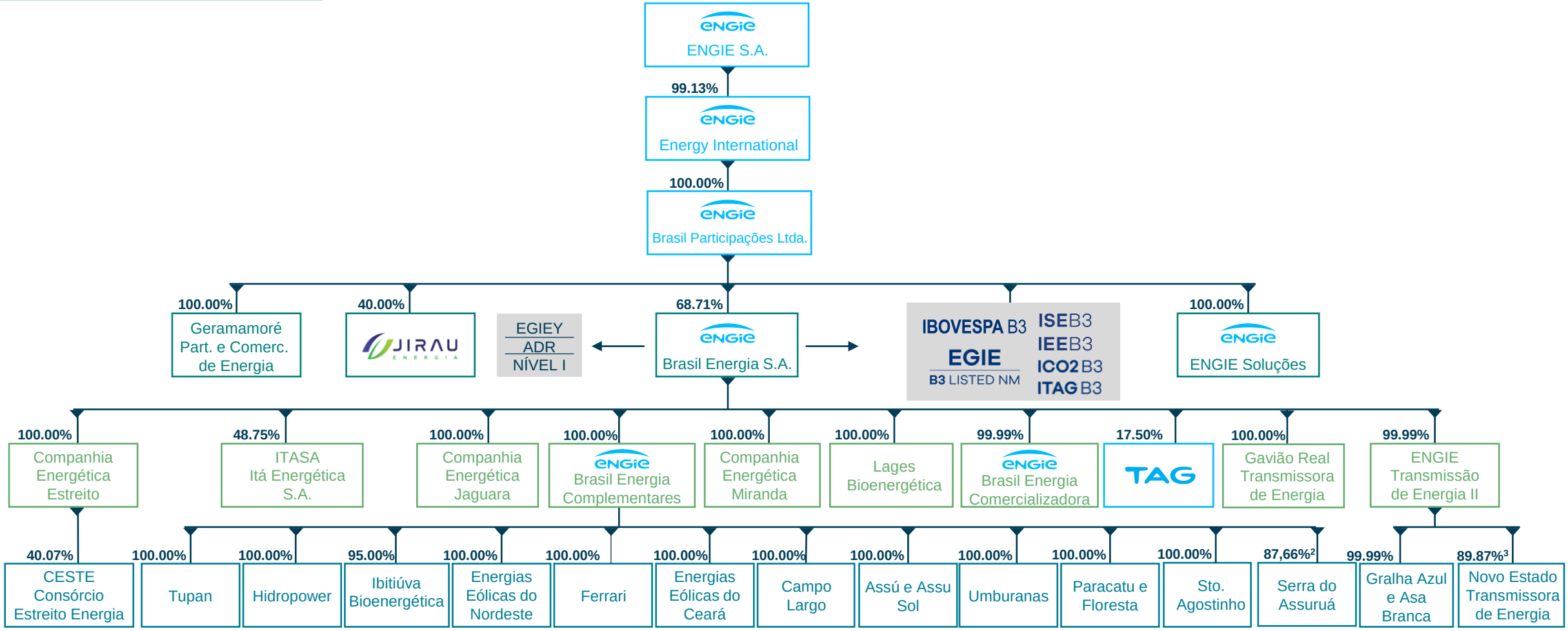


2

Shareholding Structure and Business Segments

Headquarters – Florianópolis / SC

Shareholding Structure[1]



Notes:
[1] Simplified chart for illustrative purpose only.
[2] Considering the indirect stake of ENGIE Brasil Energia, through Maracanã Geração de Energia e Participações S.A.
[3] Considering the indirect stake of ENGIE Brasil Energia, through Novo Estado Participações S.A.

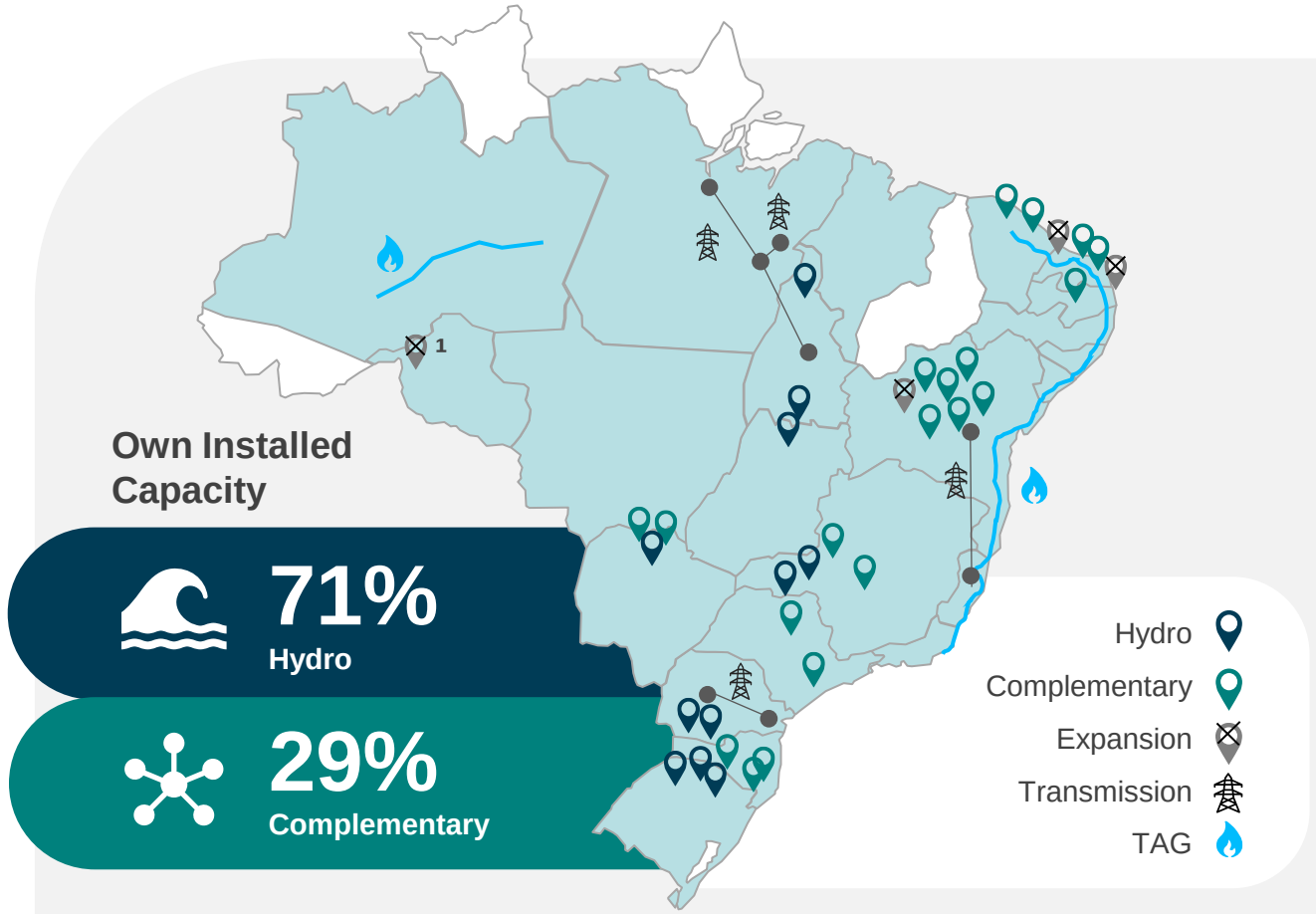
Balanced Portfolio of Business in Energy Infrastructure

TRANSMISSION
2,709 Km of transmission lines under operation and **6** own substations
- +~1,000 km in early stage of implementation

GENERATION
99 power plants operated with own installed capacity of **9,008** MW (as of March 31, 2024)

TRADING
452 GWh in 1Q24, **5.0%** of the total generation segment

NATURAL GAS (TAG)
4,500 Km of pipelines in the Southeast, Northeast and North regions.
- Stake of 17.5%



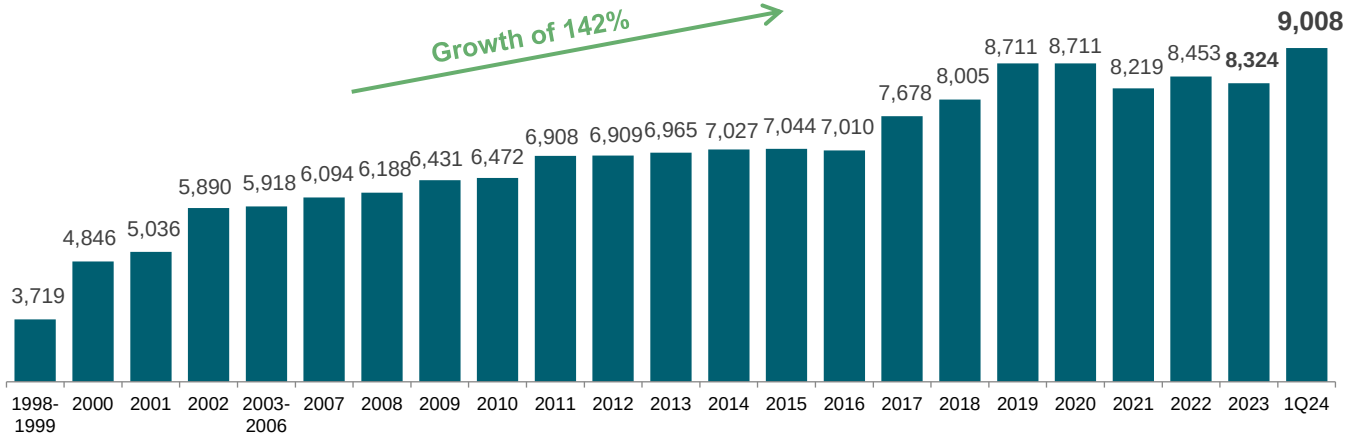
Note:
[1] The transfer of the 40% stake of ENGIE Brasil Part. in Jirau HPP to the Company should be examined timely.

Energy Generation

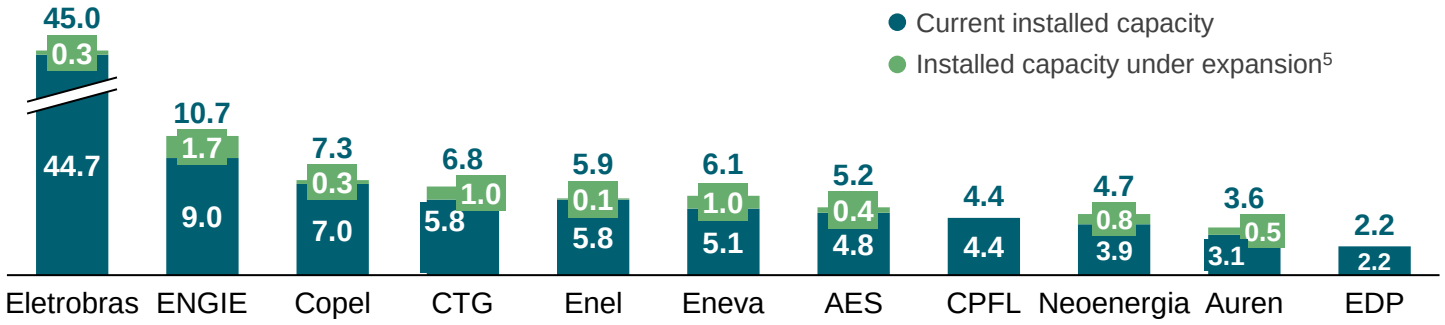
Relevance among power producers

The Company is one of the largest private groups in the segment in Brazil and is positioned to capture business opportunities.

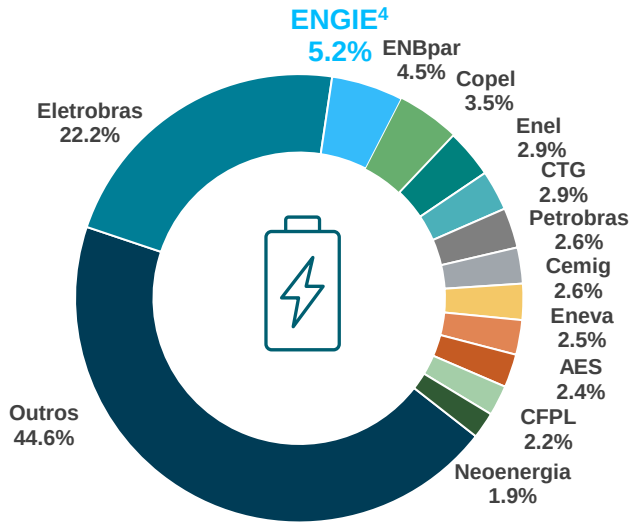
ENERGY GENERATION | PROPRIETARY OPERATING INSTALLED CAPACITY (MW)



PRIVATE SECTOR – OWN INSTALLED CAPACITY[1] (GW)



BRAZIL – EXISTING INSTALLED CAPACITY[2,3]



Source: Aneel, Companies' websites and in-house studies.
Notes:

[1] Apparent sum-related errors are a result from rounding.
[2] Amount corresponding to National Interlinked System (SIN), considering the Operation Monthly Program (PMO) as of March 2024.
[3] Includes only the Brazilian part of Itaipu.
[4] Considering the consolidated installed capacity of the group in Brazil, including Jirau HPP.
[5] Based on information from Aneel, ONS and internal study.

Energy Transmission

Expanding presence in the segment

Novo Estado Transmissora de Energia

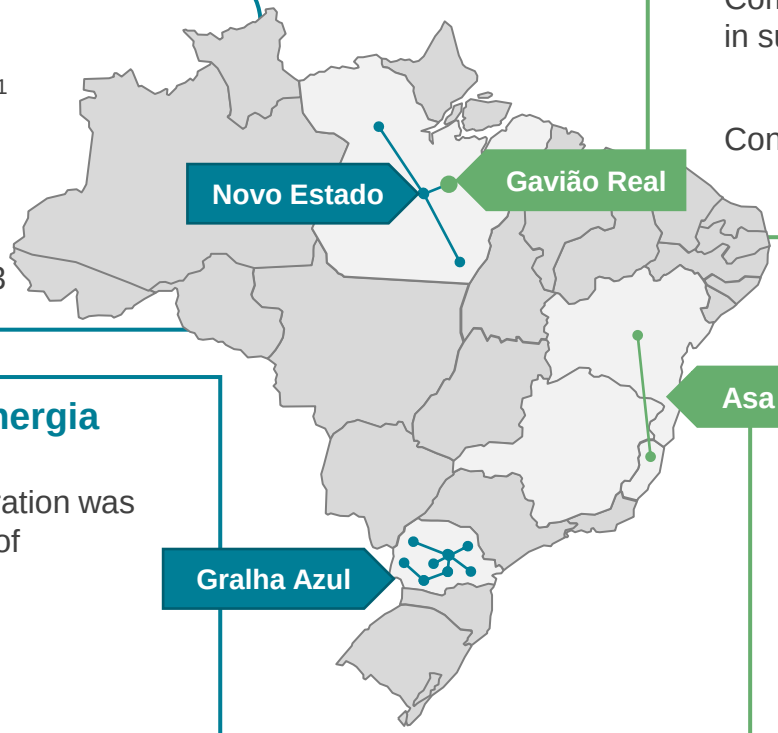
In February 2023, full commercial operation was achieved, with a total contracted RAP of R$ 420.3[1] million.

Main features:
1,800 Km of transmission lines
1 new substation and expansion of other existing 3

Gavião Real Transmissora de Energia

Complementary to Novo Estado Project, expansion in substation with section of transmission line.

Contracted RAP of R$ 7.1[1] million.



Gralha Azul Transmissão de Energia

In February 2023, full commercial operation was achieved, with a total contracted RAP of R$ 311.6[1] million.

Main features:
909 Km of transmission lines
5 substations

Asa Branca Transmissora de Energia

Winning bid at Transmission Auction 01/2023 with contracted RAP of R$ 249.3 million.

Main features:
Around 1,000 km between BA, MG and ES states

Commercial operation **Implementation**

Note:
[1] Value as of July 2023 (cicle 2023-2024).

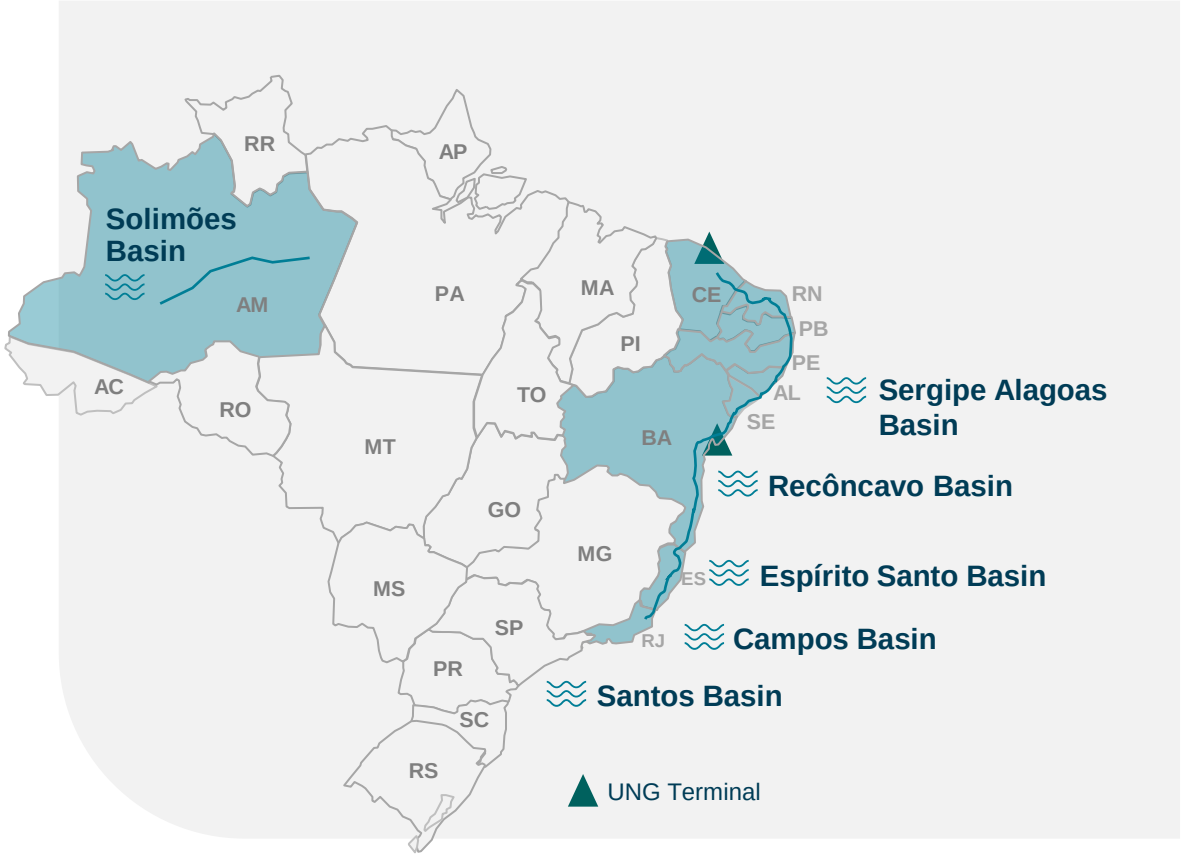
Natural Gas

Transportadora Associada de Gás (TAG)

Stake in TAG strengthens the position as a relevant player in the Brazilian energy infrastructure

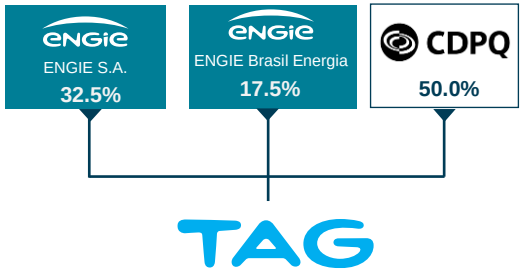
Characteristics

- ~4,500 km of high-pressure gas pipelines:
  - **3,700 km on the coast**
  - **800 km in the Amazon region**
- Presence in 10 Brazilian states and about 200 municipalities
- Contracted firm capacity for transporting of 74 million m^3/day, without construction and volume risk (ship or pay contracts).
- 11 compression stations
- Transport agreements with 19 shippers
- Network with several interconnection points:
  - 14 active gas entry points, including 2 LNG terminals (+1 under construction)
  - 90 delivery points (+1 under construction)
  - 10 gas distributors, serving 3 refineries, 2 fertilizer plants and 8 thermal power plants supplied



Shareholding Structure

as from January 10, 2024





3

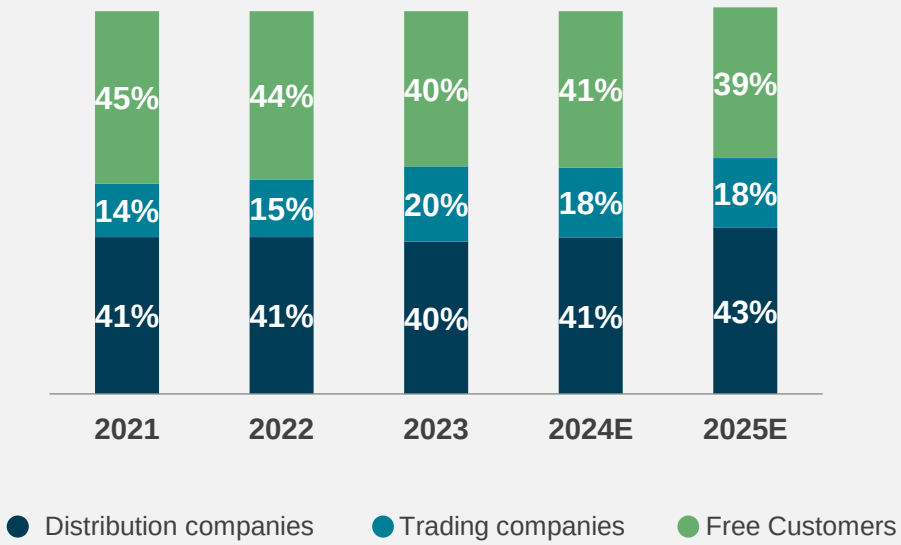
Sales and Energy Trading Strategy

Gralha Azul Transmission System / PR

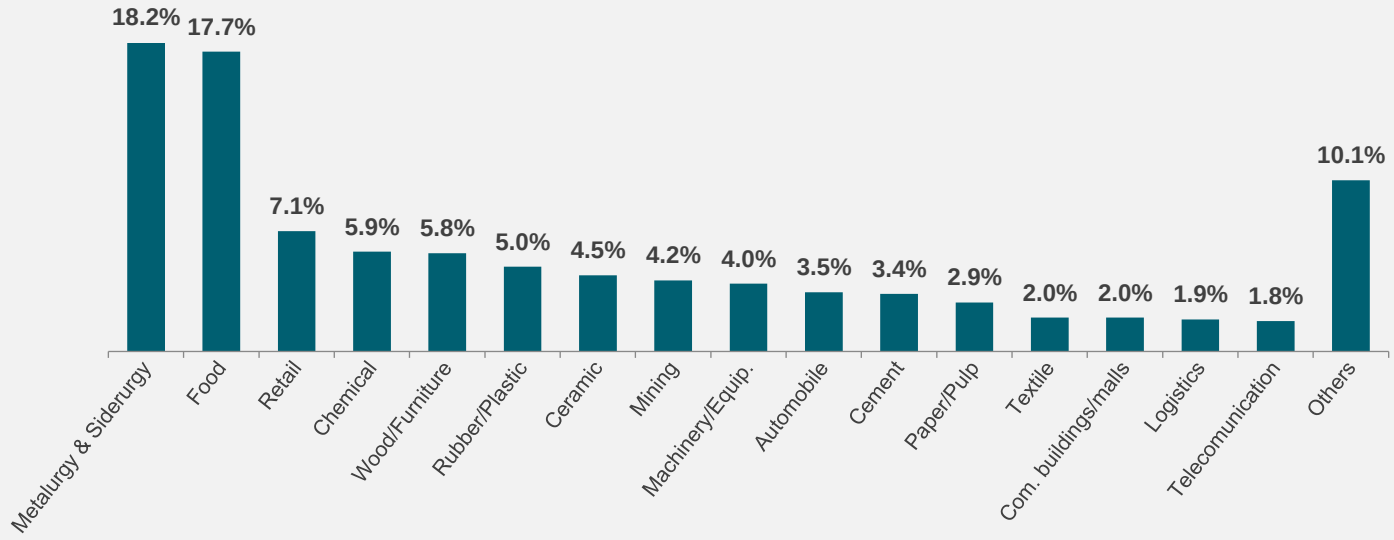
Balanced Portfolio

Portfolio diversification among distribution, free customers and trading companies

Client breakdown (based on contracted energy)



Free customers total sales volume for 2024: 2,005 aMW

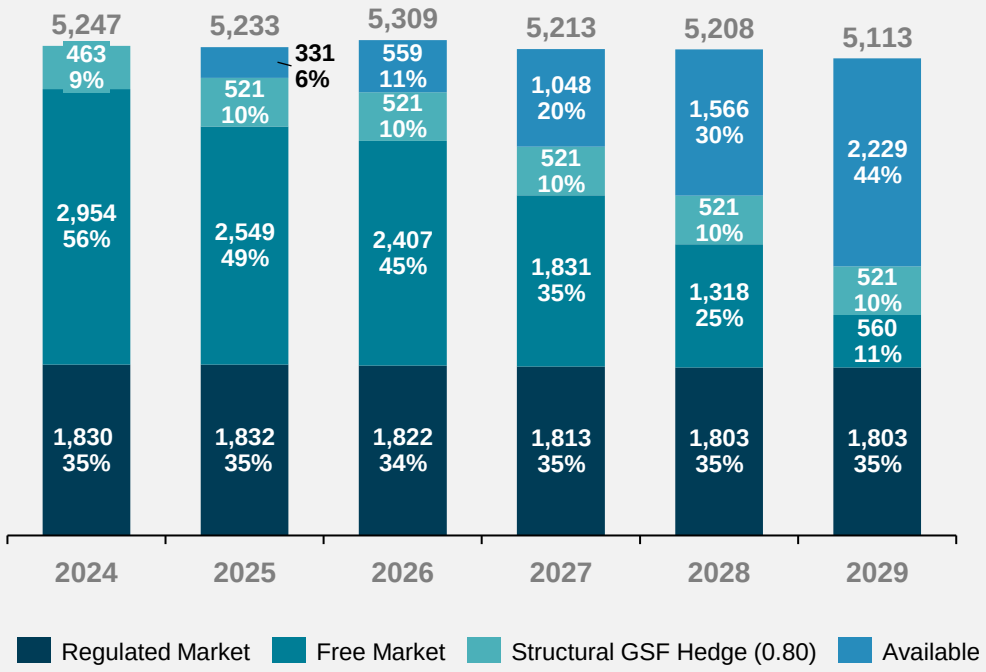


Source: *Internal study based on IBGE´s classification.*

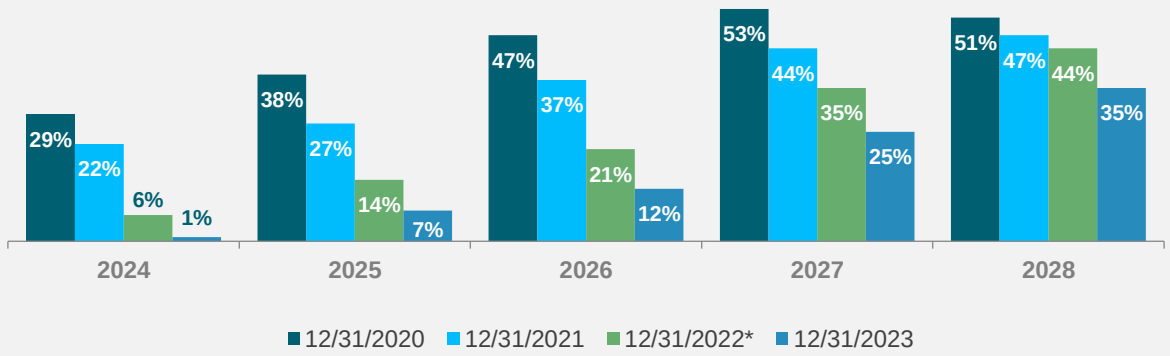
Energy Commercial Strategy

Gradual sale of future availability, with reserve for protection against hydrological risk

Energy Balance (% of total; in aMW) | *as of March 31, 2024*



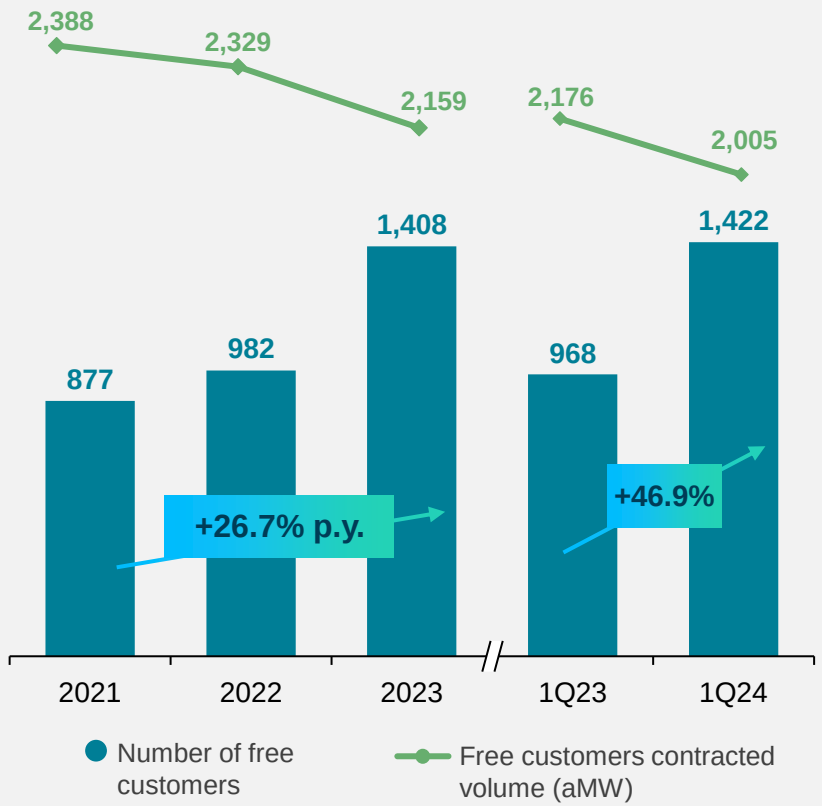
Uncontracted energy compared to the availability of a given year



*Note: * As of December 31, 2022, balance available net of structural GSF Hedge.*

Energy Commercial Strategy

Evolution of free customers[1]



Notes:
[1] Net of trading operations.
[2] Considers consumers units with exiting agreements.



3,354
(+33.7% compared to 1Q23)
Consumer Units served in 1Q24[2]

8.2%
(-1.1 p.p. compared to 1Q23)
Market share ACL in 1Q24 (of total energy in Free Market)

35%
Participation of Free Clients out of the generation segment net operating revenue in 1Q24

39%
Participation of Free Clients out of total physical sales in 1Q24

1.2 thousand GWh
RECs sold in 1Q24
(Renewable Energy Certificates)



4

Expansion

Santo Agostinho Wind Complex / RN

Wind Project Under Implementation

Santo Agostinho Wind Complex (Phase I)

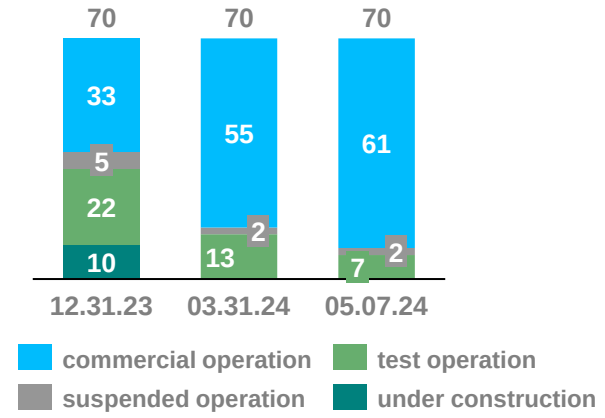
Wind project made feasible in the Free Contracting Environment (ACL).

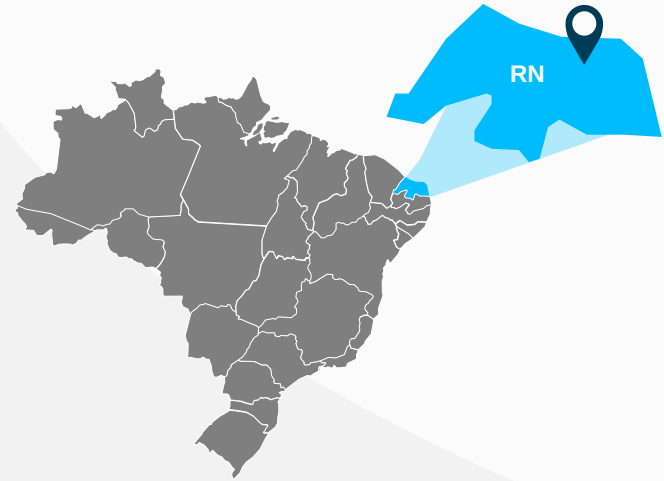

Santo Agostinho Wind Complex

Overall physical progress: 99.6%

Until May 7, 2024, 68 wind turbines were operational, equivalent to **97% of the total installed capacity** (341 MW in commercial operation until 1Q24).

Wind turbines commissioning evolution





Lajes and Pedro Avelino (RN) - Phase I

- Total Installed Capacity: **434 MW**
- Start of construction: **2021**
- Commercial Capacity: **224.2 aMW**
- Start of operation**:** **1Q23**
- Investment (R$ mm)[1]: **~R$ 2,300**
- Nº of wind turbines: **70 (6.2 MW each)**

Note:
[1] Value as of December 2020.

Wind Project Under Implementation

Serra do Assuruá Wind Project

One of the ENGIE Group's largest wind projects to be implemented in a single phase.

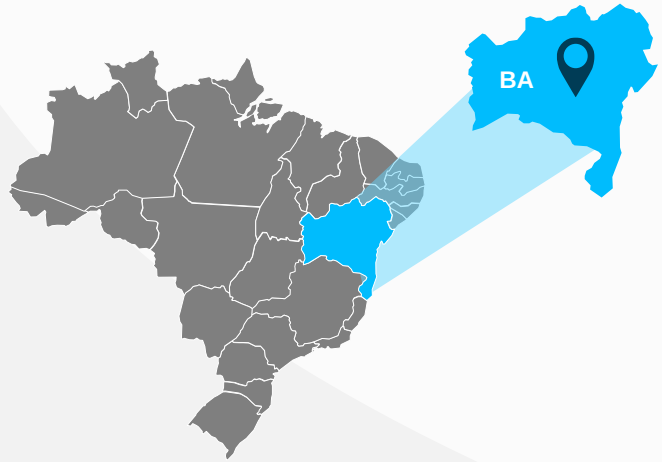


Wind turbines assembly

Overall physical progress: 44.6%

Completion of the assembly of the **first wind turbines**, in line with schedule.

The stringing of the transmission line conductor cables was **concluded**, and the connection final commissioning activities are on going.



Gentio do Ouro (BA)

- Total Installed Capacity: **~846 MW**
- Start of construction: **2023**
- Commercial Capacity: **~412 aMW**
- Operation: **Gradual 3Q24-4Q25**
- Investment (R$ mm)[1]: **~R$ 6,000**
- Nº of wind turbines: **up to 188 (4.5 MW each)**

24 wind parks in a single phase

Note:
[1] Value as of May 2022.

Photovoltaic Project Under Implementation

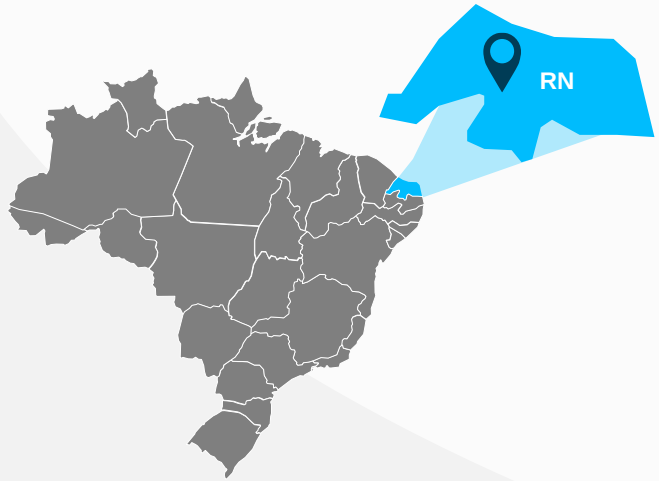
Assú Sol Photovoltaic Complex

Energy to be entirely delivered to the Free Market.



- **Progress of installation activities: 18.6%**
- **Progress of activities involving connection to the grid: 81.4%**

Foundation and the **trackers assembly** activities are in progress.



Assú (RN)

Total Installed Capacity: **~752 MWac (~895 MWp)**

Start of construction: **3Q23**

Commercial Capacity: **~228.7 aMW**

Operation: **Gradual 4Q24-4Q25**

Investment (R$ mm)[1]: **~R$ 3,300**

2,3k - inverters
13,6k - trackers
1,5M - modules

Note:
[1] Value as of January 2023.

Transmission Project Under Implementation

Gavião Real Transmissora de Energia

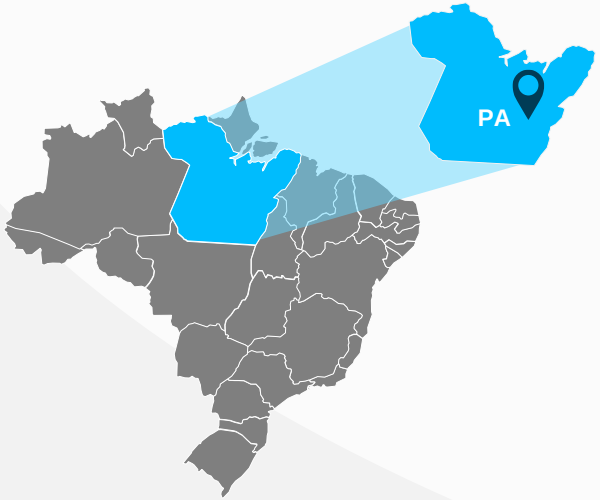
Complementary to the Novo Estado Transmission System, capturing synergies.



Overall physical progress: 91%

Commercial operation expected for **June/24.**

In 1Q24, assembling and **commissioning activities** were executed in the **substation's** 138kV and 230kV sectors together with cable stringing.



Contracted RAP[1]: **R$ 7.1 million**

Concession period: **30 years**

Estimated Capex[1]: **R$ 80.9 million**

Deadline to start operation: **March/2026**

Technical features:

Expansion of Itacaiúnas Substation, with the implementation of two 230/138kV transformers and a new 138 kV switchyard.

Notes:
[1] Value as of June 2023.
[2] Value as of June 2023, considering optimization compared to the reference Capex from Aneel (R$ 110.0 million – as of June/222).

Transmission Project Under Implementation

Asa Branca Transmissora de Energia

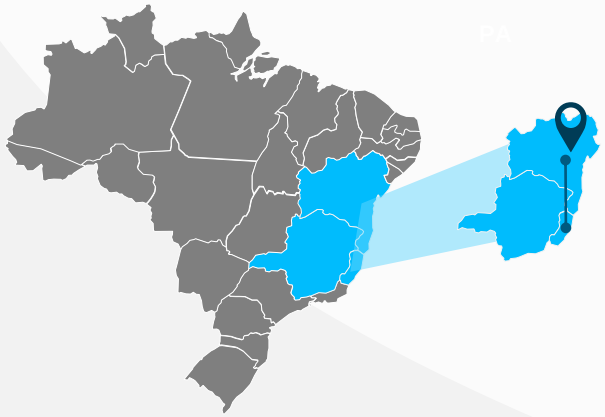
Strategic location for seamless flow of renewable energy from Northeast to the Southeast and Midwest regions.



The project will be implemented mainly in the state of Bahia, where the Company has a **strong presence in renewable energy generation** through Umburanas, Campo Largo I and II and Serra do Assuruá Wind Power Plants, capturing synergies.

In 1Q24, the **Preliminary License** was received for the first transmission line and the **Basic Project** has been **filed** for analysis by the ONS.

COD **anticipation** forecasting of at least **24 months.**



Contracted RAP[1]: **R$ 249.3 million**

Concession period: **30 years**

Capex Aneel[1]: **R$ 2,667 million**

Deadline to start operation: **March 2029 (66 months)**

Technical features:

- Estimated length of 1,000 Km
- 4 transmission lines of 500 kV single-circuit, crossing 60 municipalities in the states of Bahia, Minas Gerais and Espírito Santo.

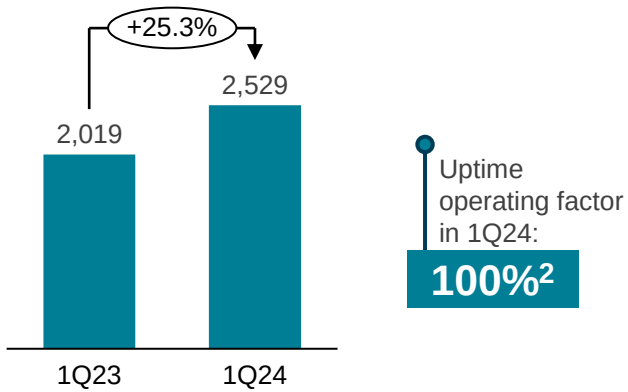
Note:
[1] Value as of Dec/22.

Expansion

Jirau HPP | update

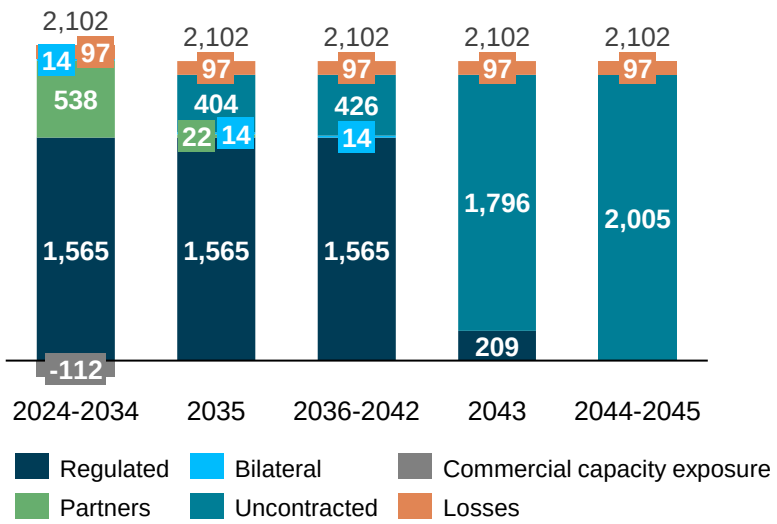
aMW	MW		
2,102 Physical Guarantee[1]	**3,750** Installed Capacity	**50** Generating Units	**75** MW each

Production (average MW)[2]

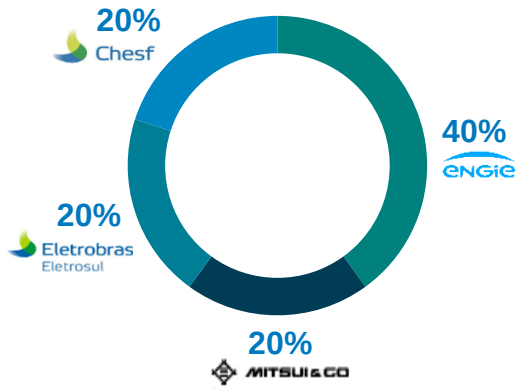


Uptime operating factor in 1Q24:
100%[2]

PPA's Portfolio (average MW)

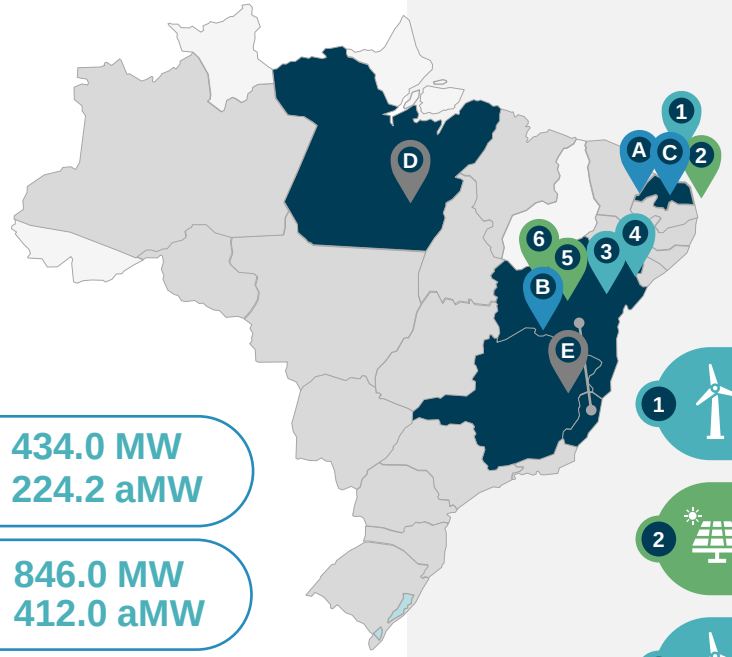


Shareholding Structure



Notes:
[1] Physical Guarantee in effect as from 2023, according to Ordinance 709/GM/MME, from Nov 30, 2022.
[2] Subject to final CCEE booking.

Expansion



Projects under construction

Generation

A	Sto. Agostinho I Wind Complex – RN	Installed capacity: Commercial capacity:	434.0 MW 224.2 aMW
B	Serra do Assuruá Wind Complex – BA	Installed capacity: Commercial capacity:	846.0 MW 412.0 aMW
C	Assú Sol Photovoltaic Complex – RN	Installed capacity: Commercial capacity:	752.0 MW 228.7 aMW

Transmission

D	Gavião Real Transmissora de Energia – PA	Length:	~1 km
E	Asa Branca Transmissora de Energia – BA/MG/ES	Length:	~1,000 Km

Projects under development

1	Santo Agostinho Wind Complex (Phase II) – RN	Installed capacity:	279 MW
2	Santo Agostinho Photovoltaic Complex – RN	Installed capacity:	~509 MW
3	Umburanas Wind Complex (Phase II) – BA	Installed capacity:	250 MW
4	Campo Largo Wind Complex (Phase III) – BA	Installed capacity:	250 MW
5	Campo Largo Photovoltaic Complex – BA	Installed capacity:	~400 MW
6	Alvorada Photovoltaic Complex - BA	Installed capacity:	~90 MW

~779 MW + ~999 MW = ~1,778 MW



5

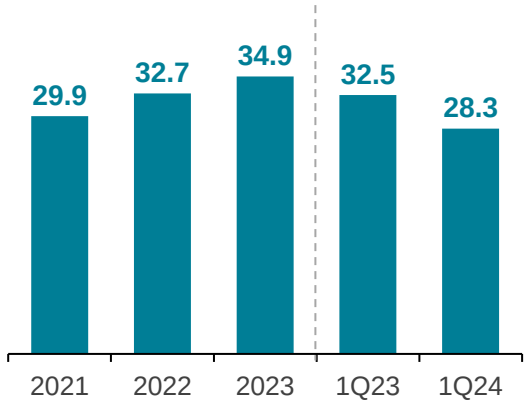
Financial Performance

Estreito Hydropower Plant / TO/MA

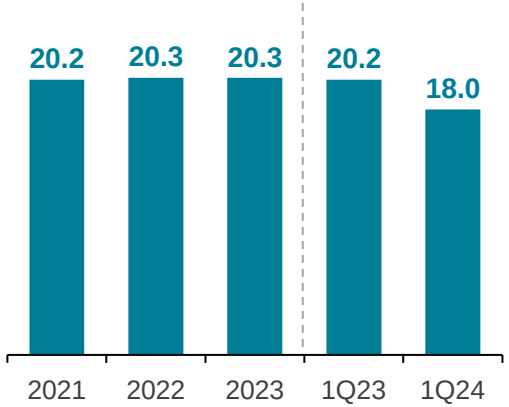
Solid Financial Performance

Good portfolio management and diversification into other regulated segments, such as transmission, natural gas transportation and energy contracts in the ACR, result in stability and predictability of results. These areas combined represent **about 60%** of the Company's Ebitda.

ROE[1] - ADJUSTED RETURN ON EQUITY (%)



ROIC[2] - ADJUSTED RETURN ON INVESTED CAPITAL (%)



Notes: ENGIE Brasil Energia internal study based on the Company's Financial Statements.
[1] ROE: net income of the past 4 quarters / shareholders' equity. Adjusted ROE net of non-recurring.
[2] ROIC: effective tax rate x EBIT / invested capital (invested capital: debt – cash and cash equivalents – deposits earmarked for debt servicing + SE). Adjusted ROIC net of non-recurring.
[3] Nominal amount.

From 2016 – 2023[3]

Investments:

amounted to **R$ 28.5 billion**, with **84%** **leverage**

Proprietary installed capacity:

Total: **+19%**

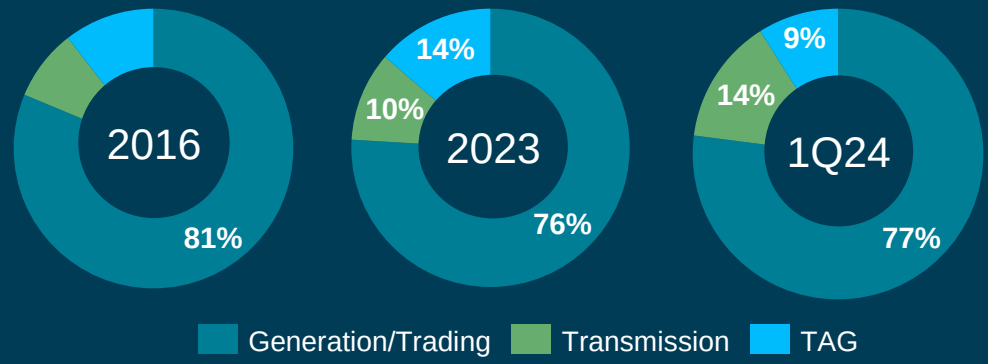
Renewable: **+40%**

Value creation in the gas segment, through TAG

Entry into transmission:

2,709 km under operation and **6 own substations**

Adjusted Ebitda breakdown:



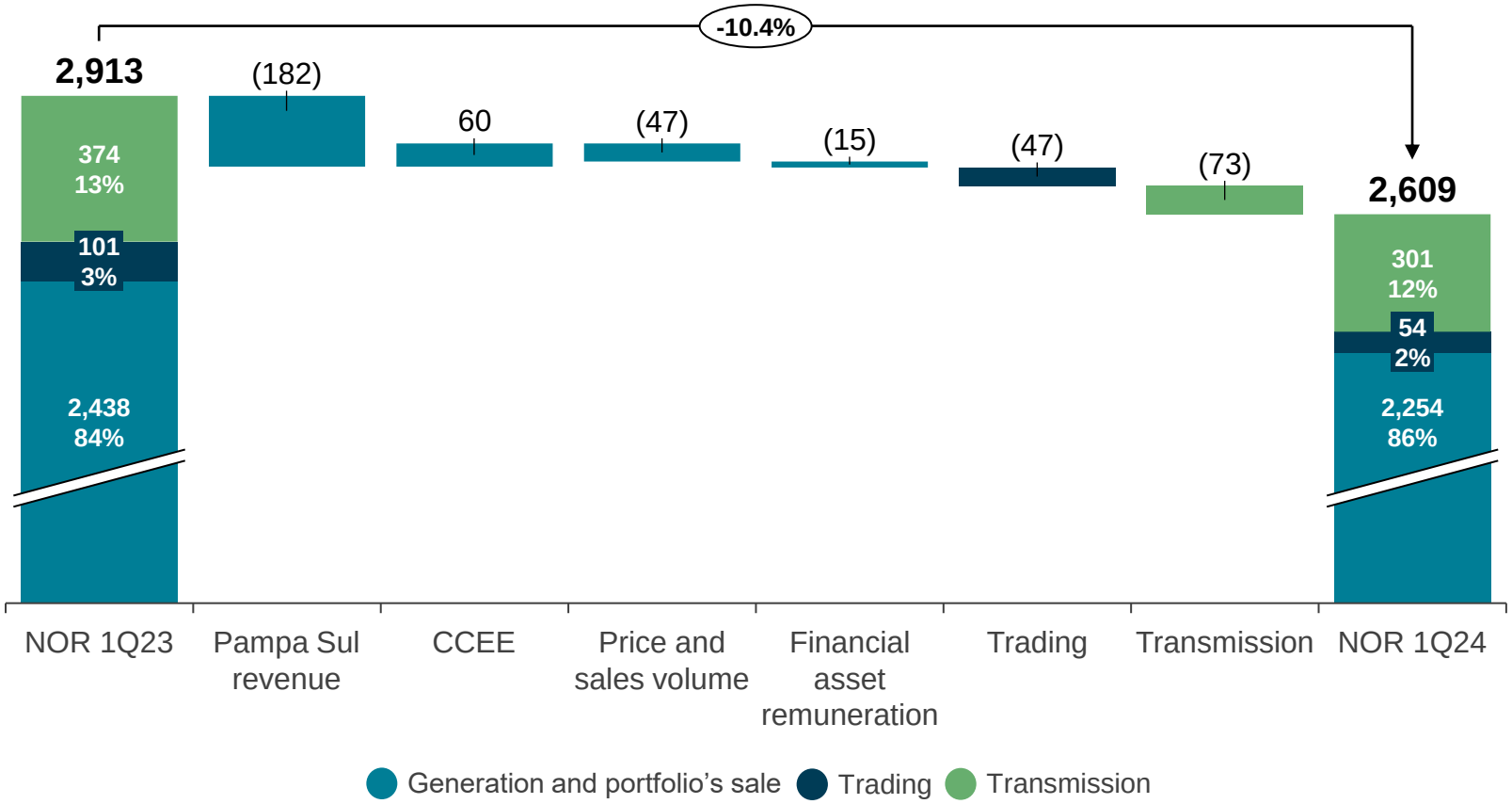
Adjusted Ebitda: **+129%**

Adjusted net income: **+110%**

Dividends and IOC: **R$ 15.7 billion**

Net Operating Revenue Change

NET OPERATING REVENUE (R$ MILLION)

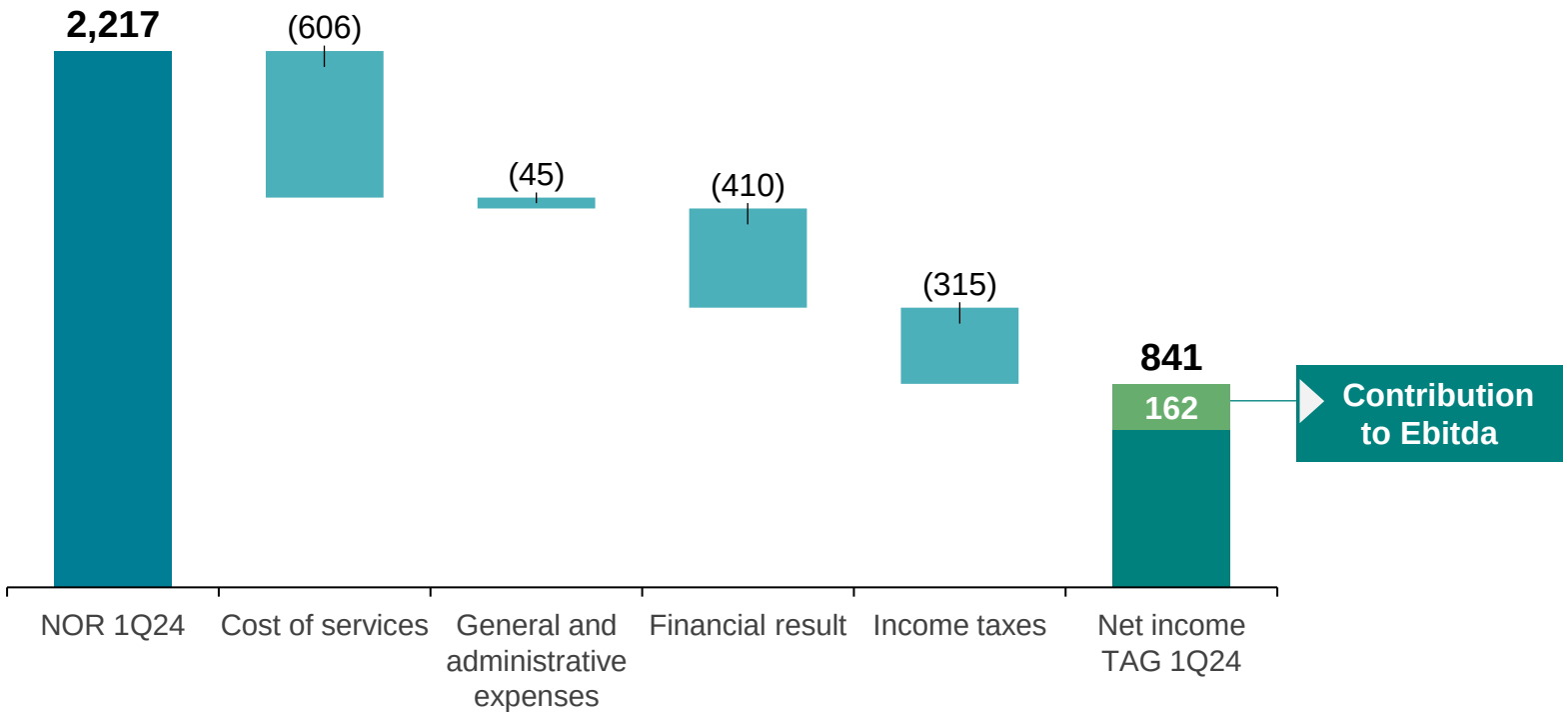


Result of Equity Income

Contribution of the Result from Transportadora Associada de Gás (TAG) to the EBITDA of the Company

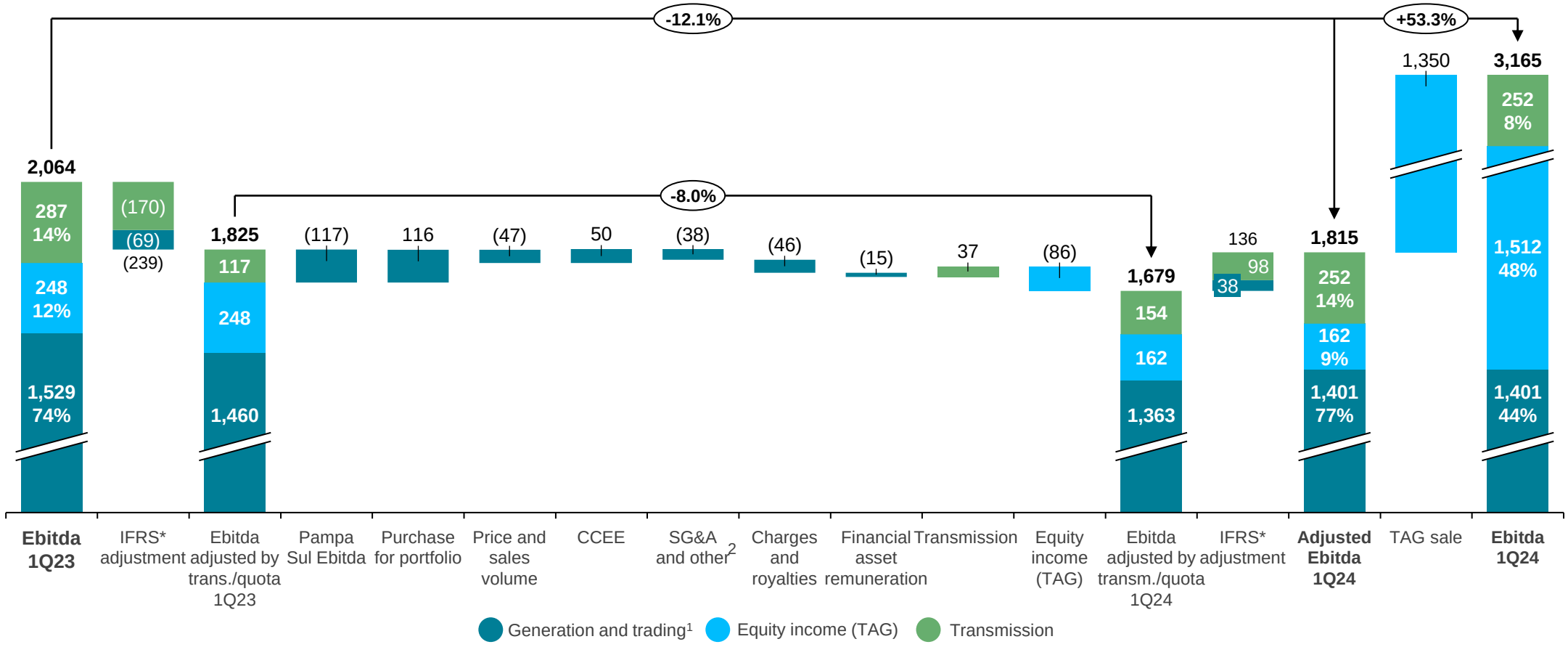
Closing of the sale operation on January 10, reduced the stake in TAG from **32.5%** to **17.5%,** resulting in the contribution of **R$ 162 million** via equity income to the Company's Ebitda in **1Q24**.

TAG INCOME STATMENT (R$ MILLION)



Ebitda Change

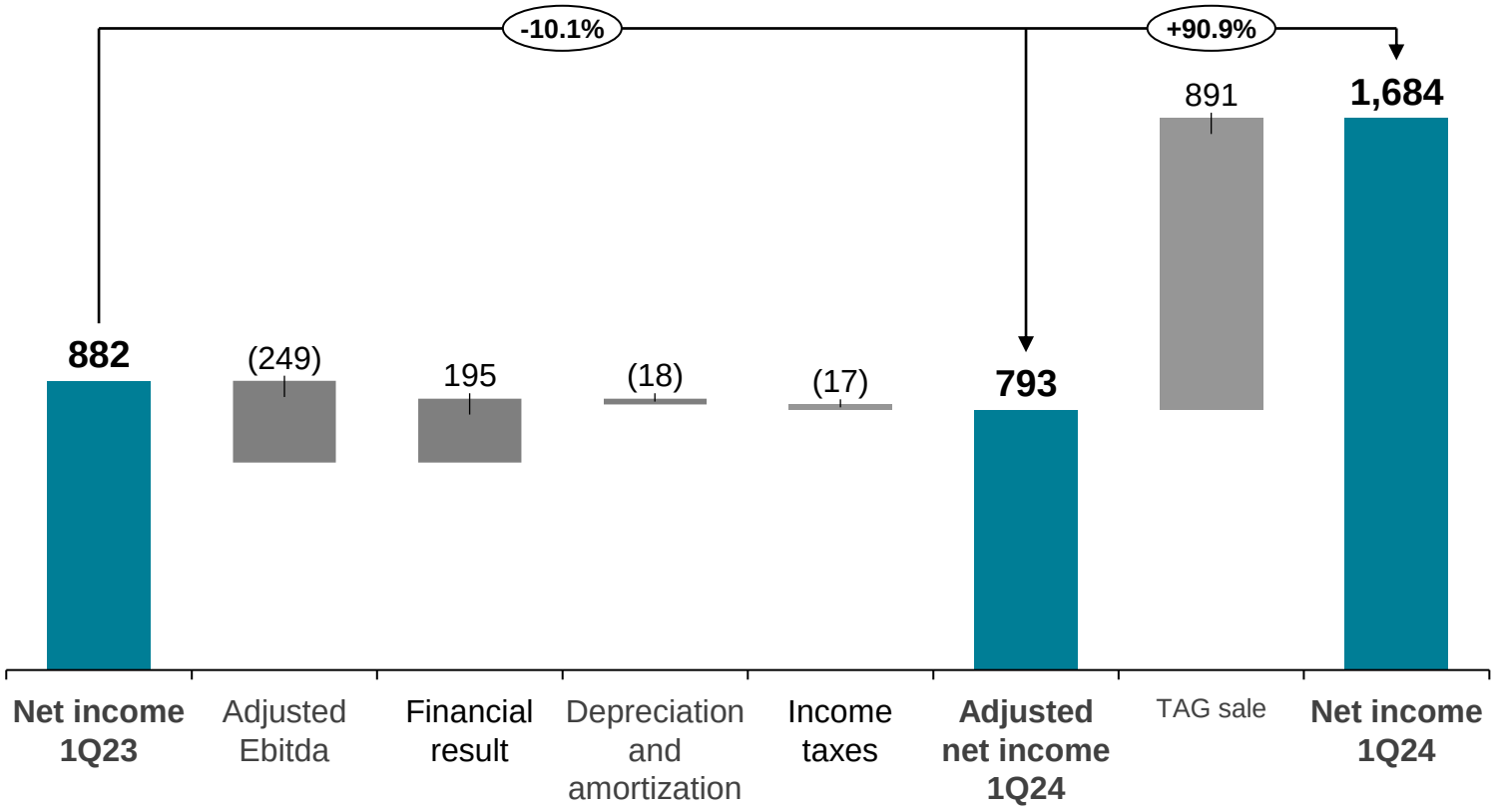
EBITDA (R$ MILLION)



Notes:
[1] Considering the result from generation and trading segments.
Adusted Ebitda: net income + income tax and social contribution + financial result + depreciation and amortization + non-recurring.
[2] Other: excluding the IFRS effect from quota regime.
*IFRS: International Financial Reporting Standards

Net Income Change

NET INCOME (R$ MILLION)

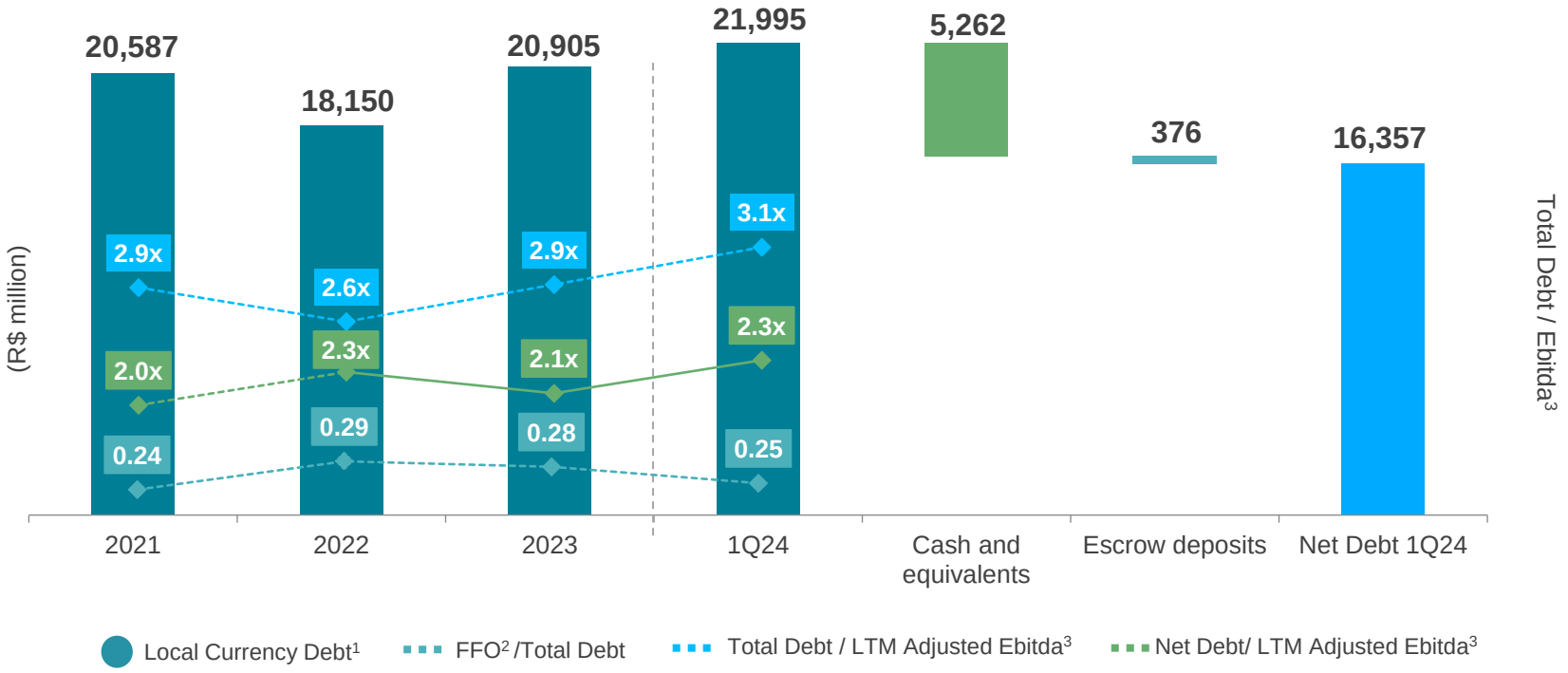


Balanced Debt

With no currency exposure

Debt control, active management of **debt costs** and **successful investment** decisions ensure low levels of the Net Debt/Ebitda ratio.

DEBT OVERVIEW (R$ MILLION)



Notes:
[1] Gross debt, net of hedge operations.
[2] Funds from Operations, net from impact of the transmission lines (Contract Assets).
[3] Adjusted Ebitda in the past 12 months.

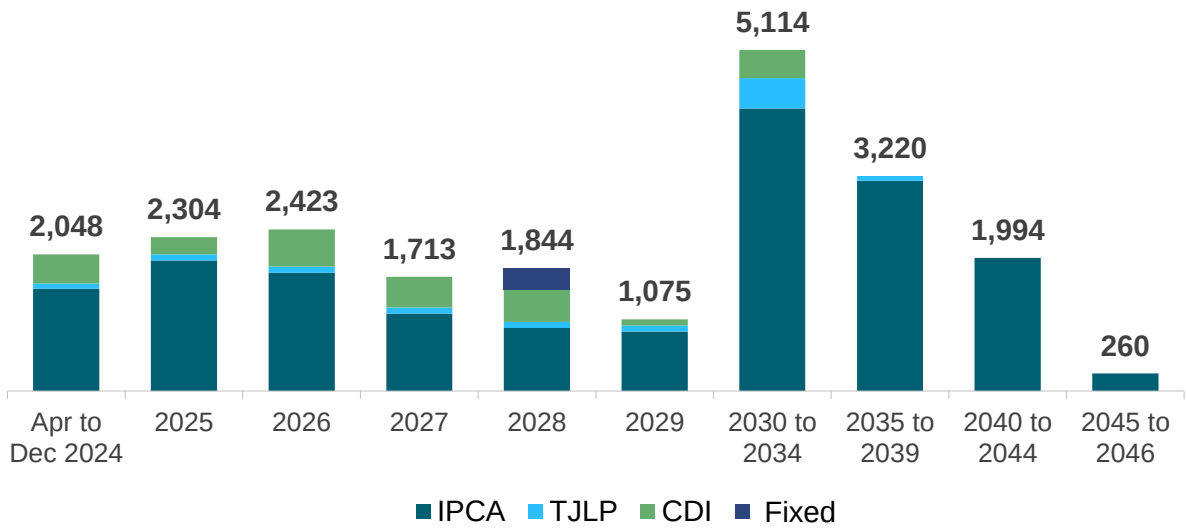
Debt Profile and Composition

Competitive costs and defensive indexes

AAA rating and robust **cash generation** translate into competitive costs of debt for financing growth.

Average debt term: 7.5 years

MATURITY DEBT SCHEDULE (R$ MILLION)



Indexation of energy sales contracts mitigates exposure of debt to IPCA.

BREAKDOWN OF DEBT

81%
IPCA

14%
CDI

5%
TJLP

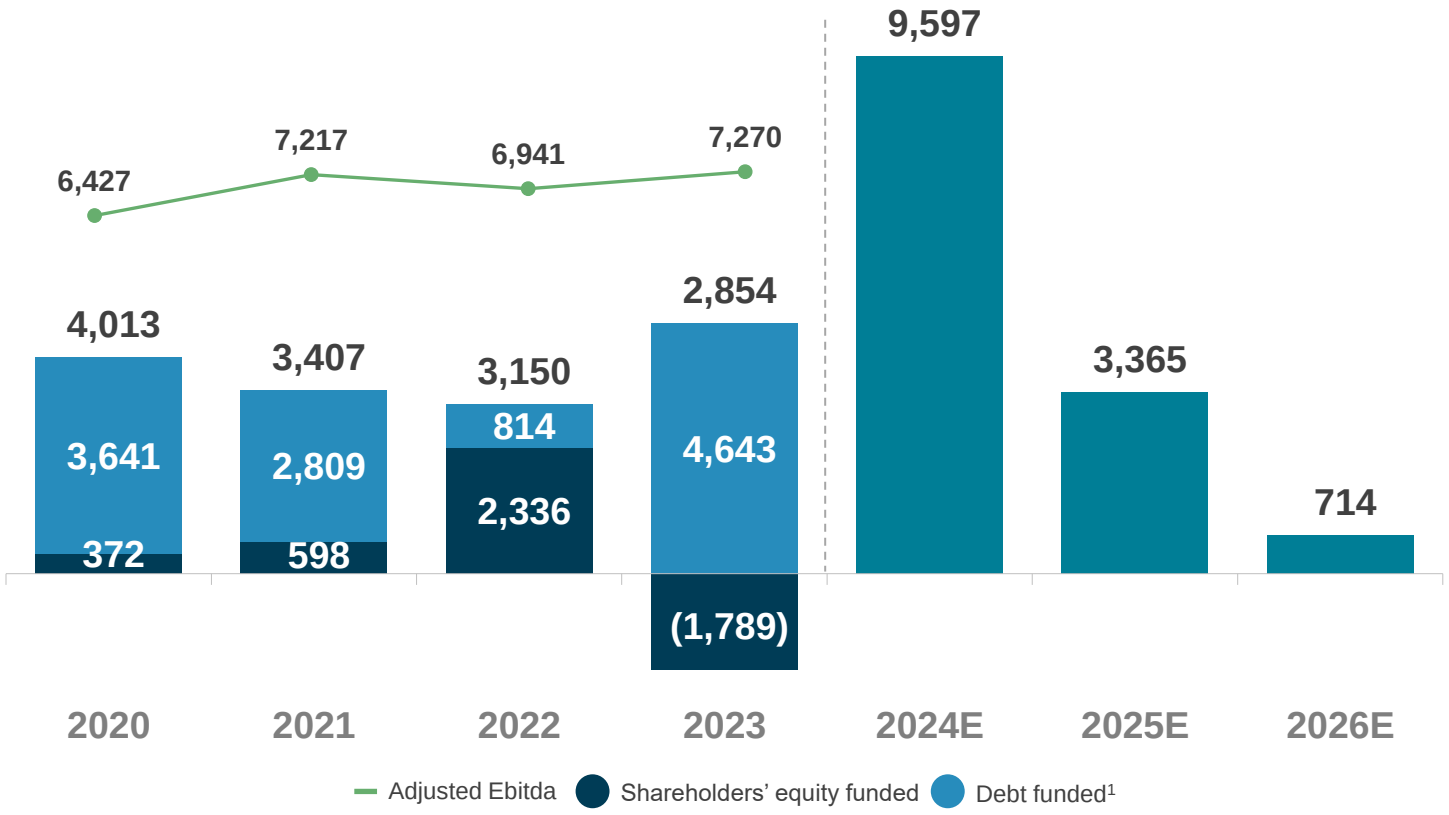
1Q24: Nominal cost of debt: 9.2% p.y. (equivalent to IPCA + 5.05%)

1Q23: 10.5% p.y - equiv. to IPCA + 5.6%

CAPEX

The expansion plan and maintenance CAPEX are supported by a **strong cash flow generation** and **prudent funding strategy.**

ALLOCATED/EXPECTED CAPEX AND CORRESPONDING FINANCING RESOURCES (R$ MILLION)

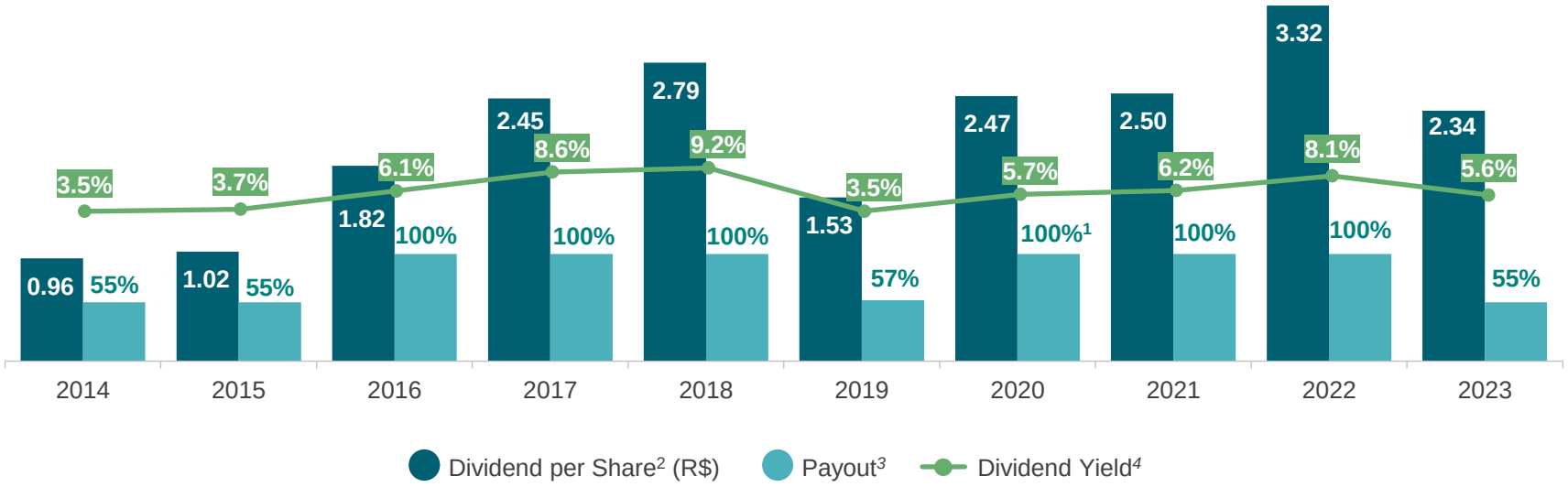


Note:
[1] Does not consider interests incurred during the construction.

Dividend Policy

- **By-law minimum payout: 30%** of distributable net income
- Management Commitment: **minimum payout of 55%** of distributable net income
- Frequency: **biannual**

DIVIDENDS (BASED ON DISTRIBUTABLE NET INCOME)



Notes:
[1] Payout equivalent to 100% of the distributable adjusted net income (ex-hydrological risk negotiation).
[2] For the purposes of comparability between fiscal years, an adjustment in dividend per share was made in the light of the share bonus approved on December 07, 2018.
[3] Considers the annual adjusted net income.
[4] Based on volume-weighted closing price of ON shares in the period.

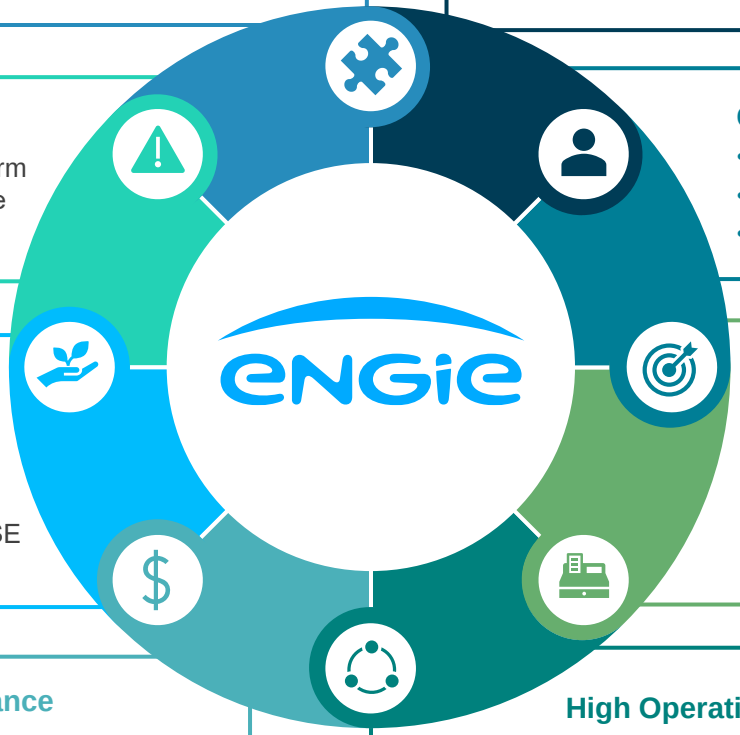
Competitive Advantages

Strategic Industry
- Defensive profile in times of crisis
- Projects with high bankability
- Diversification among segments in the power sector

Presence in the Energy Sector
- One of the largest private power producers in Brazil
- Market cap: R$ 32.8 billion as of March 31st, 2024
- Controlled by ENGIE S.A., world leader in energy

Premium Rating
- Fitch Ratings rated the Company's Local Long-Term Rating as 'AAA(bra)' and in global scale "BB+", one notch above the Brazilian sovereign rating

Clear Commercial Strategy
- Heavily contracted in the next years
- Diversified portfolio between free and regulated customers
- Benefits from windows of opportunities



High-Caliber Corporate Governance and Sustainability
- Diversified and qualified team
- First class controlling shareholder
- Component of B3's Novo Mercado and ISE (since its inception in 2005)

Cash Flow Predictability
- Inflation-indexed contracts
- Hydro based, with diversification on complementary sources and active portfolio management
- Long-term contracting strategy
- Transmission contracts not susceptible to volume variation

Stable Financial Performance
- Strong cash flow
- ROE and ROIC above sector median
- No FX exposure

High Operational Performance
- Benchmark indexes of availability
- ISO 9001, 14001 and 45001 certified plants
- Use of advanced technology for remote operations and predictive maintenance



6

Supporting Data

Assú V Photovoltaic Complex / RN

ESG Highlights

ENGIE Purpose

To take action to accelerate the transition towards a **carbon neutral society**, through **reduced consumption** of energy and solutions which are **more sustainable.**

E ENVIRONMENT

- **+ R$ 22 billion** destined to the energy transition (assets rotation 2016-2023)
- **100%** in renewable capacity
- **Climate Journey**
- **Biodiversity Matrix Program**
- **37** Conservation Units
- **+ 6 million** seedlings planted/donated
- **+ 2,300** headwater springs restored
- **+ 1,600 km²** of reservoirs area

S SOCIAL

- **Corporate diversity, equity and inclusion** programs
- **100% of registered suppliers** analyzed according to socio-environmental and ethical criteria
- **8 Culture and Sustainability Centers** (3 under construction)
- **+ R$ 300 million** invested since 2008
- **+ 3.5 million** people impacted
- Coverage in **+200 municipalities**

G GOVERNANCE

- **Member of the Novo Mercado**
- Governance based on **integrated management, risk management, ethics and integrity**
- **Integrity Program and Ethics Committee,** monitored by the Board of Directors
- **10 risk groups mapped and mitigated**, including information security and climate risk
- Board of Directors with **4 independent directors**

Non-financial objectives

ENGIE Group

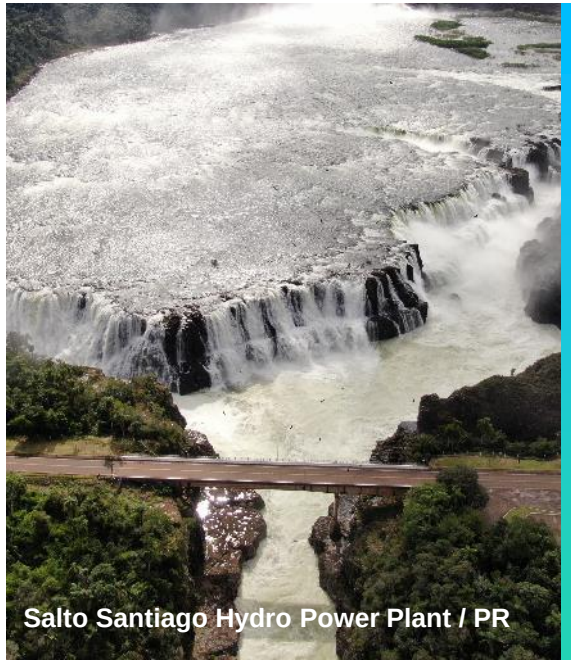
Aspect	Result 2023	Objective 2030
Greenhouse Gas Emissions (GHC)	51.8 $MtCO_2e$	Reduce to the maximum of **43 $MtCO_2e$** the total greenhouse gas emissions from the generation of the Group's electric energy - in 2019, this total was **80 $MtCO_2e$** (goal certified by the Science Based Target – SBTi initiative).
Diversity	31.2%	Increase the participation of women in Group Management to at **least 40%** – in 2019, they occupied **24%** of leadership positions.
Renewable Energy	41%	Increase to **58%** the participation of renewable sources in the energy production capacity mix worldwide — against **28%** reported in 2019.
Supply chain	54% / 24%	By 2030, reach **100%** of the responsible purchasing index (excluding energy purchases); and by 2030, reach **100%**, from top **250 preferred suppliers**, certified by Science Based Targets (SBTi) commitments.
Water	0.275 m^3/kWh	Achieve water consumption in relation to energy produced of **0,1 m^3/kwh**.

Climate Change

JORNADA PELO CLIMA

Working to accelerate the energy transition to a low-carbon system for more than a decade, in 2023 ENGIE Brasil Energia consolidated its **Climate Journey**, whose main objectives are:

- incorporate the **management of climate risks and opportunities** into the business;
- develop **decarbonization strategies** in line with the ENGIE Group's NetZero goal.


Salto Santiago Hydro Power Plant / PR

Main strategic drivers Climate Journey

- **Decarbonization** of assets portfolio;
- **Expansion** in renewable energy;
- Constant search for **carbon footprint reduction;**
- **Value chain** engagement (Scope 3 - customers and suppliers);
- Actions for **Environmental Conservation and Biodiversity**;
- **Compensation** of residual emissions.


Salto Santiago Hydro Power Plant / PR

Goals and Commitments

- Reduce GGH **emissions intensity** (tCO2e/MWh) by 30% until 2025 and 56% until 2030 (0,034tco2/MWh in 2021);
- Expansion of **renewable energy capacity** in 3.8 GW by 2030;
- Engage 100% of major **Scope 3 most pollutants suppliers** to set science-based targets by 2030;
- Have 100% of assets covered by **climate adaptation plans** by 2030.

100%
1Q24

of installed capacity from renewable sources

Climate Change

Since 2012, ENGIE Brasil Energia has been investing in **reducing its greenhouse gases (GHG)** and adapting practices and processes to **the energy transition** scenario.

- Carbon dioxide emissions are among the biggest drivers of **climate change**.
- **Transition to a low carbon economy** is considered the main business challenge of this decade.
- Aligning businesses with the path of limiting global warming demands an objective view of **risks and opportunities**.

2006

Registration of the first CDM/UNFCCC **Carbon Credit Project** (Lages Project)

2010

First **Inventory of Greenhouse Gases**

2012

First decarbonization **targets** of ENGIE Group

2014

Decommissioning of Alegrete Thermoelectric Plant (RS)

2015

Coal exit **strategy**

2016

Decommissioning of the Charqueada Thermoelectric Power Plant (RS)

3D Strategy (Decarbonization, Digitization and Decentralization)

2017

Entry into the energy transmission segment: Gralha Azul concession

2019

Sale of the Willian Arjona Thermoelectric Plant (MS)

Acquisition of TAG

Acquisition of the concession for the Novo Estado transmission line

2020

EBE registers the **10th carbon credits project** in the Clean Development Mechanism (CDM)

2021

More than 1.2 GW of **installed wind power capacity**

Sale of the Jorge Lacerda **Thermoelectric** Plant (SC)

The Campo Largo Wind Complex (Phase II) Carbon Credit Project contributes to the **annual reduction of approximately 790 thousand tons of CO2.**

2022

Acceleration of the **Climate Journey**

First **direct report to CDP** – score **B**

2023

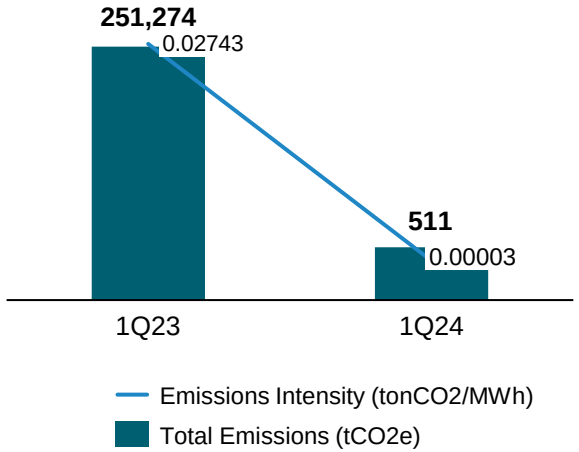
Sale of the **last coal-fired thermoelectric plant** in Brazil: Pampa Sul TPP (RS)

100% renewable

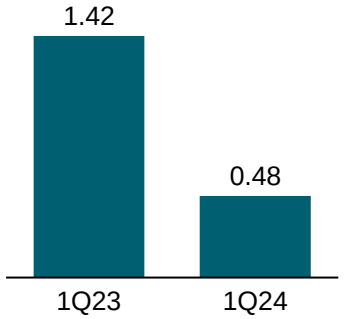
CDP Climate Change 2023 - **Score A-**

ESG KPIs

TOTAL EMISSIONS AND EMISSIONS INTENSITY

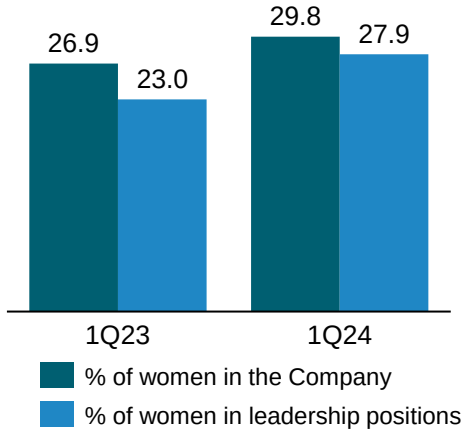


HEALTH AND SAFETY – FREQUENCY RATE (OWN EMPLOYEES + SERVICE PROVIDERS)*

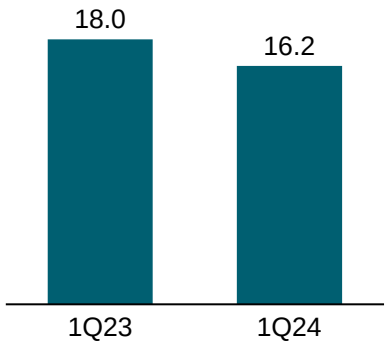


** Nº of accidents / millions of hours of exposure to the risk*

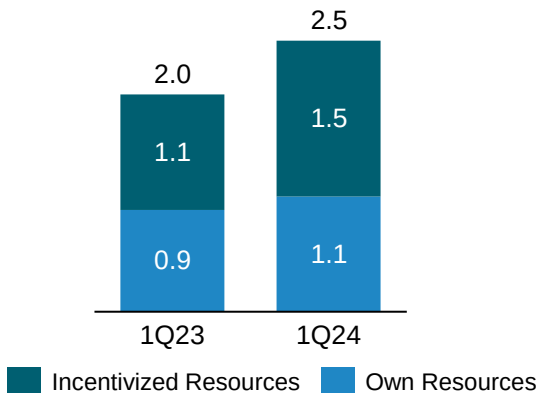
% OF WOMEN IN THE WORKFORCE AND LEADERSHIP POSITIONS



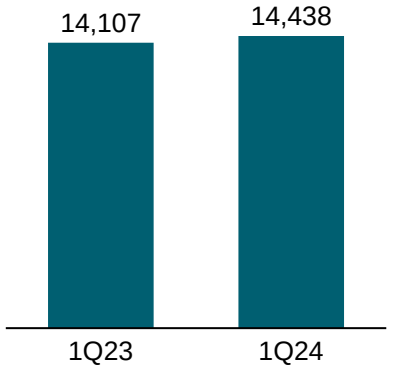
INVESTIMENTS IN INNOVATION (R$ million)



SOCIAL RESPONSABILITY INVESTIMENTS (R$ million)

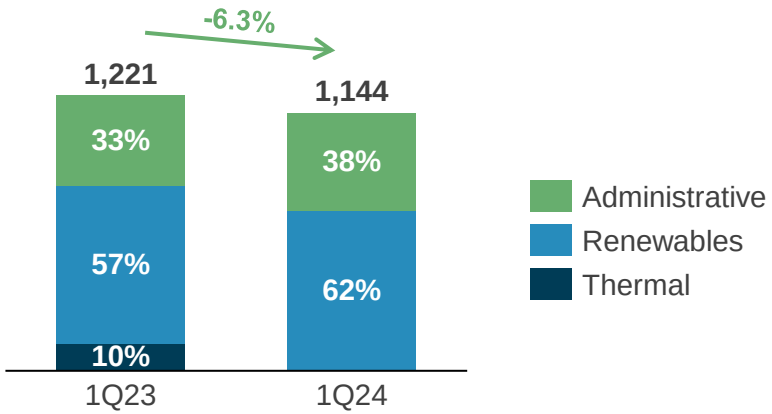


ENGAGED PEOPLE – "CONEXÃO" COMMUNITY RELATIONSHIP PROGRAM

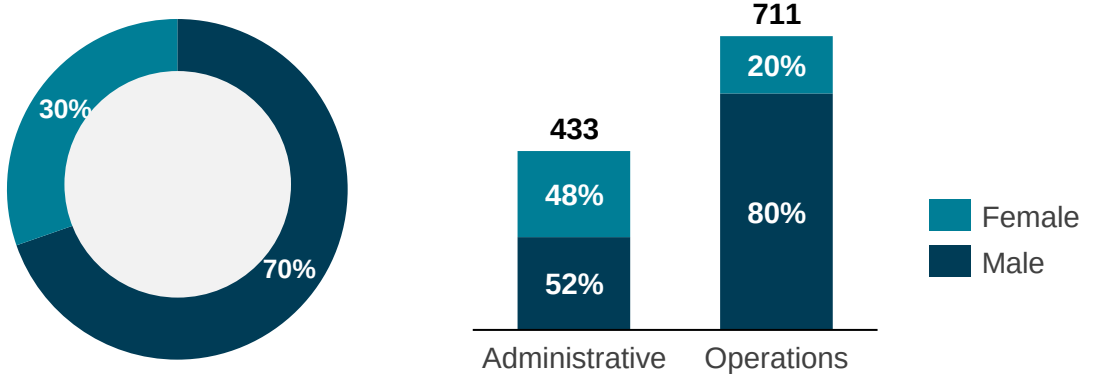


Headcount[1]

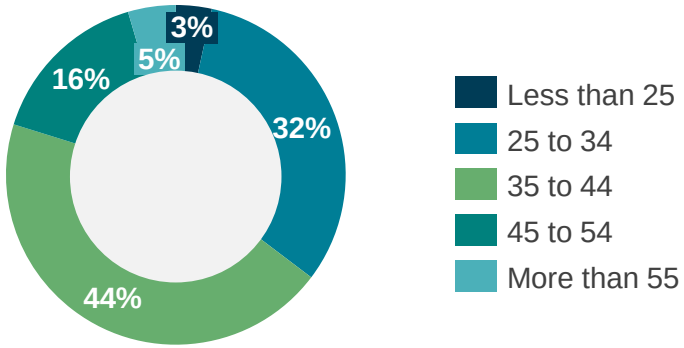
Number of Employees



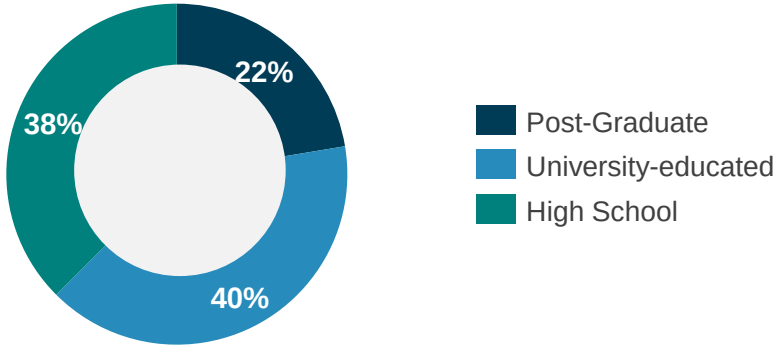
By gender



By age group



By academic qualifications



Note: [1]Does not consider employees posted to projects under construction.

Sustainability KPIs[1]

Aspect	Theme	Unit of measurement	Performance 1Q24	Performance 1Q23	Change
E	Emissions intensity [2]	$tonCO_2e/MWh$	0.00003	0.02743	-99.9%
	Emissions intensity by revenue [2]	tCO_2e/million R$	0.2	86.3	-99.8%
	Total emissions (Scope 1, 2 and 3) [2]	Tons	511.3	251,274.4	-99.8%
	Water consumption intensity [2]	m^3/MWh	0.001	0.051	-98.5%
	Engaged people - "Conexão" Community Relationship Program [1]	People	14,438	14,107	2.3%
S	Frequency rate - Direct employees + service providers	nº accid/million hours	0.48	1.42	-0.93 p.p.
	Frequency rate - Direct employees	nº accid/million hours	0.00	0.00	-
	Frequency rate - Service providers	nº accid/million hours	0.52	1.95	-1.42 p.p.
	% of employees formally trained	%	48.0%	65.1%	-17.1 p.p.
	Turnover rate	%	1.3%	3.3%	-2.0 p.p.
	Voluntary turnover rate	%	0.7%	0.9%	-0.1 p.p.
	Investments in Social Responsibility - Incentivized Resources	R$	1,453	1,077	35.0%
	Investments in Social Responsibility - Own Resources	R$	1,074	948	13.3%
G	Investment in Innovation	R$	16,253,131	17,987,395	-9.6%
	Headcount[2]	Employees	1,120	1,217	-8.0%
	% of employees in certified operations (ISO 9.001, 14.001, 45.001)[2]	%	86.3%	77.0%	9.3 p.p.
	% of women in the Company	%	29.8%	26.9%	2.9 p.p.
	% of women in leadership positions	%	27.9%	23.0%	4.9 p.p.
	% employees with disabilities	%	4.5%	4.4%	0.1 p.p.

1 - The Connection Program encompasses visits to the Company's operations across the country, dialogues with the community and environmental education.

2 - Numbers directly impacted by the sale of the Pampa Sul Thermoelectric Plant, in June 2023.

Key Performance Indicators

Consolidated (in R$ million)	1Q24	1Q23	Chg.
Net Operating Revenue (NOR)	2,609	2,913	**-10.4%**
Results from Operations (EBIT)	2,920	1,837	**59.0%**
Ebitda [1]	3,165	2,064	**53.3%**
Adjusted Ebitda [2]	1,815	2,064	**-12.1%**
Adjusted Ebitda by transmission and quota effects [3]	1,679	1,825	**-8.0%**
Ebitda / NOR - (%) [1]	121.3	70.9	**50.4 p.p.**
Adjusted Ebitda / NOR - (%) [2]	69.6	70.9	**-1.3 p.p.**
Net Income	1,684	882	**90.9%**
Adjusted Net Income	793	882	**-10.1%**
Adjusted Return on Equity (ROE) [4]	28.3	32.5	**-4.3 p.p.**
Adjusted Return on Invested Capital (ROIC) [5]	18.0	20.2	**-2.2 p.p.**
Net Debt [6]	16,357	15,216	**7.5%**
Gross Power Production (avg MW) [7]	6,391	4,217	**51.6%**
Energy Sold (avg MW) [8]	3,960	4,343	**-8.8%**
Average Net Sales Price (R$/MWh) [9]	222.34	229.42	**-3.1%**
Number of Employees - Total	1,165	1,261	**-7.6%**
EBE Employees	1,144	1,221	**-6.3%**
Employees on Under Construction Plants	21	40	**-47.5%**

Notes:

[1] Ebitda: net income + income tax and social contribution + financial result + depreciation and amortization.

[2] Adjusted EBITDA represents: net income + income tax and social contribution + financial result + depreciation and amortization + impairment + non-recurring.

[3] Adjusted Ebitda, less the effects of IFRS in the transmission segment and quota plants.

[4] ROE: adjusted net income of the past 4 quarters/shareholders' equity.

[5] ROIC: effective tax rate x adjusted EBIT / invested capital (invested capital: debt – cash and cash equivalents – deposits earmarked for debt servicing + SE).

[6] Adjusted amount, net of gains from hedge operations.

[7] Total electricity output from the plants operated by ENGIE Brasil Energia.

[8] Disregarding sales for quotas regime (Jaguara and Miranda HPPs).

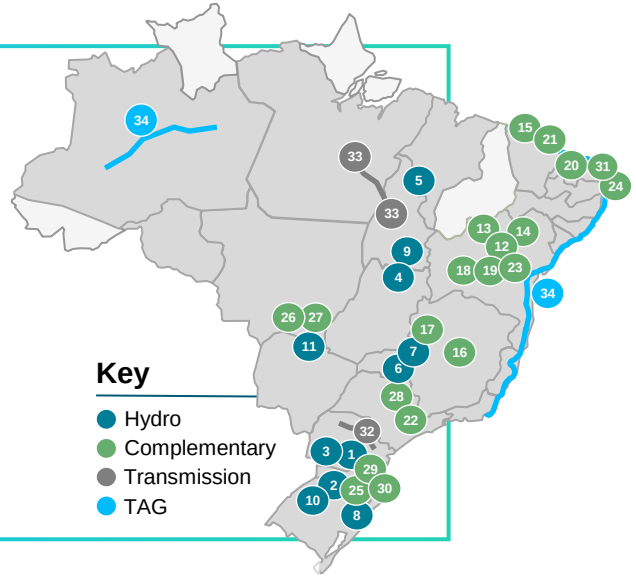
[9] Net of taxes, exports and trading operations.

Diversified Portfolio of Assets as of March 31, 2024

Own installed capacity of energy generation of **9,008 MW (4,361 aMW), +1,691 MW** of wind and solar energy under implementation.

2,709 Km of transmission lines under operation.

Stake of **17.5%** at **TAG**



	Hydro Power Plants	Installed Capacity (MW)	Commercial Capacity (aMW)
1	Salto Santiago	1,420.0	702.2
2	Itá	1,126.9[1]	528.7[1]
3	Salto Osório	1,090.8	477.5
4	Cana Brava	450.0	247.8
5	Estreito	435.6[1]	244.1[1]
6	Jaguara	424.0	324.0
7	Miranda	408.0	188.3
8	Machadinho	414.8[1]	143.7[1]
9	São Salvador	243.2	140.8
10	Passo Fundo	226.0	107.5
11	Ponte de Pedra	176.1	127.6
	Total	**6,415.4**	**3,232.2**

	Complementary Plants	Installed Capacity (MW)	Commercial Capacity (aMW)
12	Campo Largo II Complex (Wind)	361.2	192.5
13	Umburanas Complex (Wind)	360.0	213.3
14	Campo Largo I Complex (Wind)	326.7	166.5
15	Trairi Complex (Wind)	212.6	97.2
16	Lar do Sol Complex (Solar)	198.0	53.0[2]
17	Paracatu (Solar)	132.0	34.0
18	Juazeiro Complex (Solar)	120.0	34.8
19	Sertão Solar Complex (Solar)	94.6	26.1
20	Floresta (Solar)	86.0	25.1
21	Sol do Futuro Complex (Solar)	81.0	16.2
22	Ferrari (Biomass)	80.5	25.6
23	São Pedro Complex (Solar)	54.0	15.0
24	Assú V (Solar)	34.0	9.2
25	Lages (Biomass)	28.0	8.1
26	Rondonópolis (SHP)	26.6	14.0
27	José G. da Rocha (SHP)	24.4	11.9
28	Ibitiúva (Biomass)	22.9[1]	9.7[1]
29	Nova Aurora (Solar)	3.0	0.25
30	Tubarão (Wind)	6.3	0.3
31	Santo Agostinho I Complex (Wind) – operational	341.0	176.0
	Total	**2,592.8**	**1,128.8**

	Transmission	Length	Substations
32	Gralha Azul – operational	909 km	5
33	Novo Estado – operational	1,800 km	1 new and expansion of 3 existing
	Total	**2,709 km**	

	Gas Pipelines	Length	Compression Stations
34	Transportadora Associada de Gás (TAG)	4,500 Km	11

Notes: [1] Portion owned by ENGIE Brasil Energia.
[2] Lar do Sol Photovoltaic Complex does not have a declared physical guarantee, therefore its commercial capacity is based on expected generation.

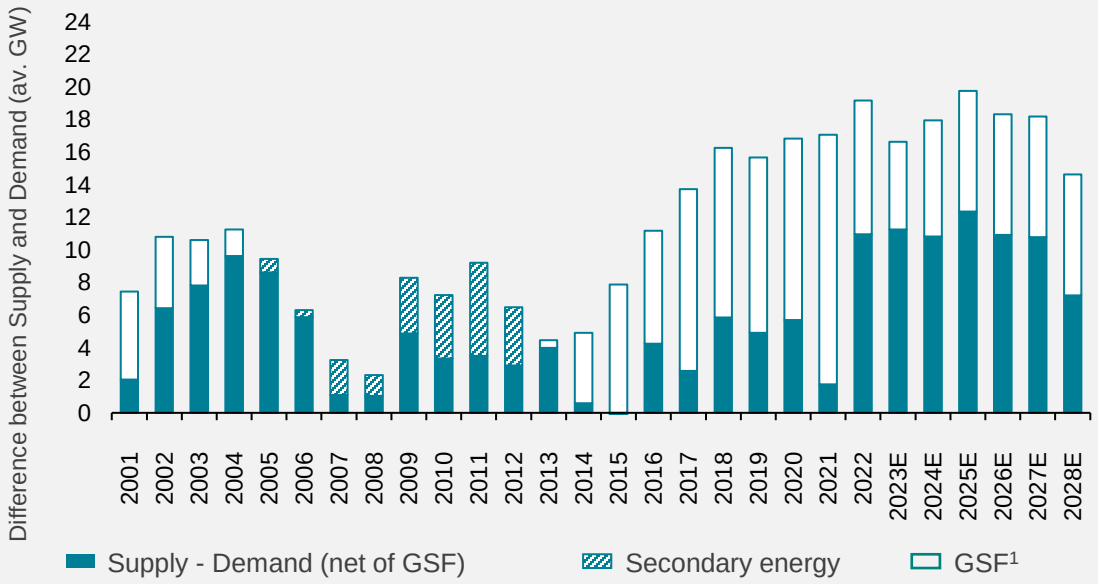
Energy Market in Brazil

Supply: in the past, supplied by hydroelectric plants with reservoirs. Currently, a greater presence of thermoelectric and hydroelectric run-of-river plants. Continuous expansion of supply from intermittent sources, reducing the participation of other sources in the matrix.

Demand: Consumption in 1Q24 was around 6.3% higher than the same period in 2023. This variation is mainly due to the high temperatures recorded in this period, compared to the previous year. The main impact comes from the residential sector, which in the last 12 months shows a variation of more than 8% compared to the previous period.

In 1Q24, the volume of rain significantly frustrated the historical average, recording approximately 70% below average. However, due to the high level of SIN storage, the PLD remained low. The 1Q24 average was R$61.13/MWh, close to the regulatory floor.

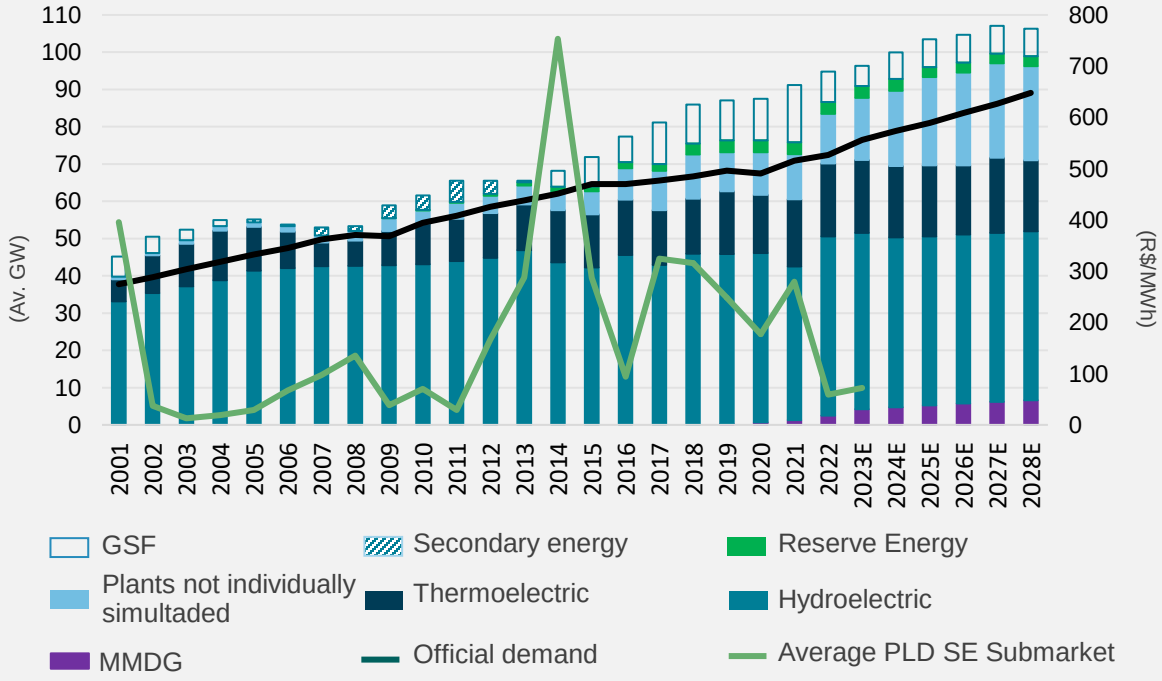
Theoretical Supply x Demand



1: For 2024, the GSF expectation was considered according to CCEE. For the years 2025+ the average GSF for the period 2018-2023 was used.

Source: *ENGIE Brasil Energia internal study based on official sector documents.*

Distribution of supply by source



Source: *Internal study based on Aneel and ONS data.*

Energy Balance as of March 31, 2024

Diversified contracting with duration of about 14 years in ACR and 3.5 years in ACL[1]

	(in average MW)	2024	2025	2026	2027	2028	2029	Auction **Gross** Price (R$/MWh)	Reference Date	**Gross** Price Adjusted (R$/MWh)	**Net** Price of PIS/COFINS/P&D (R$/MWh)
	Own Resources	4,263	4,684	4,879	4,879	4,879	4,879				
+	Purchases for Resale	984	549	430	334	329	234				
=	**Total Resources (A)**	**5,247**	**5,233**	**5,309**	**5,213**	**5,208**	**5,113**				
	Government Auction Sales[2]	1,830	1,832	1,822	1,813	1,803	1,803				
	2005-NE-2010-30	200	200	200	200	200	200	115.1	Dec-05	302.4	271.7
	2006-NE-2009-30	493	493	493	493	493	493	128.4	Jun-06	331.8	298.1
	2006-NE-2011-30	148	148	148	148	148	148	135.0	Nov-06	346.9	311.7
	2007-NE-2012-30	256	256	256	256	256	256	126.6	Oct-07	312.3	280.6
	Proinfa	19	19	19	10	-	-	147.8	Jun-04	442.5	426.4
	1st Reserve Energy Auction	14	2	-	-	-	-	158.1	Aug-08	379.9	366.1
	Auction Mix (New Energy / Reserve)	9	8	-	-	-	-	-	-	370.7	357.2
	2014-NE-2019-25	10	10	10	10	10	10	206.2	Nov-14	345.7	333.1
	2014-NE-2019-20	82	82	82	82	82	82	139.3	Nov-14	234.2	212.6
	2015-NE-2018-20	46	46	46	46	46	46	188.5	Aug-15	293.7	266.5
	8th Reserve Energy Auction (Assú V/Floresta/Paracatu/Juazeiro/Sol do Futuro)	111	119	119	119	119	119	298.2	Nov-15	450.0	408.4
	7th Reserve Energy Auction (São Pedro)	13	15	15	15	15	15	301.8	Nov-15	468.7	425.3
	2017-NE-2019-20	48	48	48	48	48	48	136.4	Nov-14	234.7	213.0
	2017-NE-2021-20 (Sertão Solar)	23	27	27	27	27	27	189.5	Nov-14	199.3	180.9
	Government Auction - Quotas regime										
	2018 - Quotas (UHJA) - 2018-30	227	227	227	227	227	227	-	Jul-17	197.1	188.0
	2018 - Quotas (UHMI) - 2018-30	132	132	132	132	132	132	-	Jul-17	228.9	218.3
+	Bilateral Sales	2,954	2,549	2,407	1,831	1,318	560				
=	**Total Sales (B)**	**4,784**	**4,381**	**4,229**	**3,644**	**3,121**	**2,363**				
-	**Structural GSF Hedge (0.80)**	**463**	**521**	**521**	**521**	**521**	**521**				
	Balance (A - B)	**0**	**331**	**559**	**1,048**	**1,566**	**2,229**				
	Sales Average Price (R$/MWh) **(net)**[3,4]:	217.0	218.6	210.4							
	Purchases Average Price (R$/MWh) **(net)**[5]:	159.4	138.0	142.8							

[2] XXXX-YY-WWWW-ZZ, where:
XXXX -> year of auction
YY -> EN = existing energy or NE = new energy
WWWW -> year of delivery start
ZZ -> supply contract duration (in years)

[1] Average term weighted by the amount of energy sold, including trading operations.
[3] Sales price, including trading operations, net of ICMS and taxes over revenue (PIS/Cofins, R&D), i.e. future inflation is not being considered.
[4] Disregarding sales for quotas regime (Jaguara and Miranda HPPs).
[5] Purchase net price, considering trading operations and benefits from PIS/Cofins credits, i.e. future inflation is not being considered.

Notes:
- The balance refers to the settlement point (net of losses and internal consumption of the plants).
- The average prices are considered simply estimates and are based on financial planning revisions, not capturing volume changes, which are updated quarterly.

Transportadora Associada de Gás – TAG

Legacy contracts with Petrobras

weighted average term of approximately 7 years

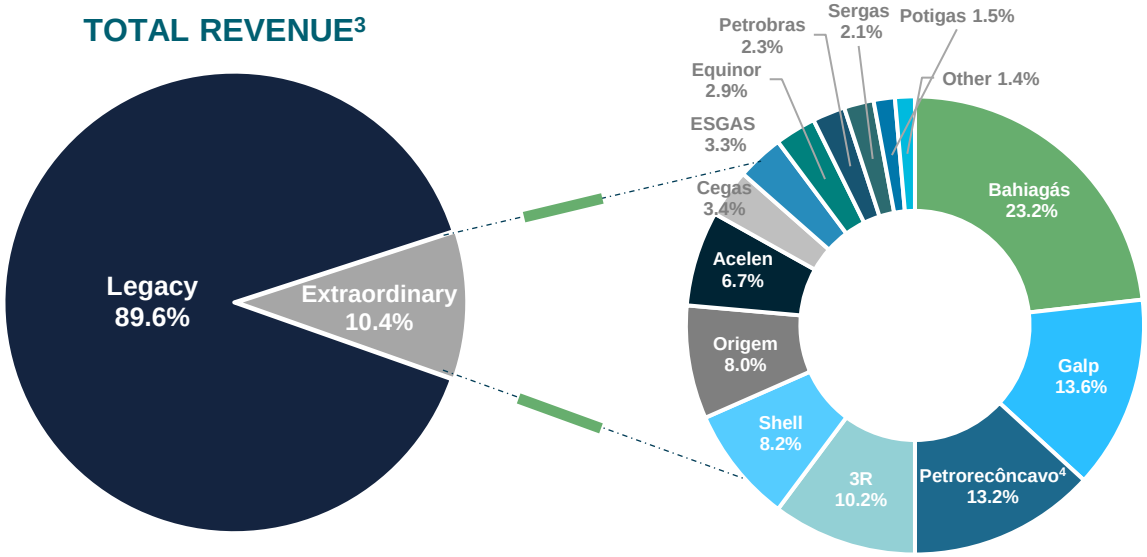
Gas Pipelines	Size (km)	Agreement Maturity	Contracted Volumes (MM m³/day)	% of Net Operating Revenue	Readjustment index
Gasene	1,400	Nov-2033	30.3	39.5%	46% Basket IGP[1]; 54% US PPI
Malha NE	2,000	Dec-2025	21.6	24.2%	IGP-M
Pilar-Ipojuca	200	Nov-2031	15.0	6.5%	IGP-M
Urucu-Coari-Manaus	800	Nov-2030	6.7	29.5%	50% IGP-M; 50% IPCA
Lagoa Parda Vitória[2]	100	Dec-2024	0.3	0.3%	IGP-M
Total	**~4,500**		**73.9**	**100.0%**	

Notes:
[1] 1/3 IGP-M; 1/3 IPA-DI; 1/3 IGP-DI.
[2] Lagoa Parda contract was renewed for 2024, however as an extraordinary contract, with maturity at Dec 31, 2024.
[3] Revenues from extraordinary contracts are deducted from the invoicing of legacy contracts.
[4] Petrorecôncavo = Petrorecôncavo + SPE Miranga + Potiguar.

Protagonism for the liberalization of the gas market: access of important players to the transport network

- **64** extraordinary **agreements** signed in 2024, lasting until December;
- **11 million m³/day** contracted (approx. 15% of the integrated network revenue);
- **19** clients (include Petrobras) from 15 different economic groups;
- **Flexibility of new transport capacity offers,** with weekly entry windows and varied deadlines.

TOTAL REVENUE[3]



Transportadora Associada de Gás – TAG

Financing structure with competitive cost and protected from exchange variation - Rating AAA and International BB and Ba1 by Fitch Ratings and Moody's, respectively.

Debt Profile (R$) – TAG as of March 28, 2024



7.5 billion
Domestic market

10.5 billion
Foreign market

Domestic market:
1st debentures issuance: ~CDI + 1.80% p.y., with semi-annual amortizations and maturing in June 2026. 2nd debentures issuance: IPCA + 5.99% p.y., maturing in Dec/2033.

Foreign market:
SOFR + initial spread between 2.5% and 3.3% with semi-annual amortizations and maturing June 2031.



Transportadora Associada de Gás - TAG

Net Debt/Ebitda (x) – TAG

2023 **1.9x** 1Q24[1] **1.78x**

Note:
[1] Not audited.

Transportadora Associada de Gás – TAG

Investment plan totaling BRL 5.2 billion over the next 5 years, besides more than R$ 20 billion in new opportunities.

Natural Gas Storage – Campo de Pilar (AL)

- Initial Storage capacity: 106 MMm³/day
- Expected investment: US$ 200 million (at different stages) divided between TAG and Origem Energia S.A.

Itajuípe Compressor Station

Network Optimization | Compression station at GASCAC, at the northern section of GASENE

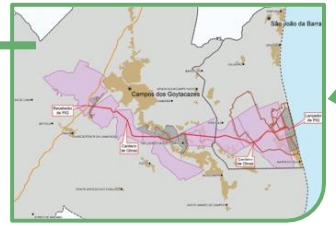
- Installed Capacity: 20 MMm³/day
- Network additional volume: 3 MMm³/day

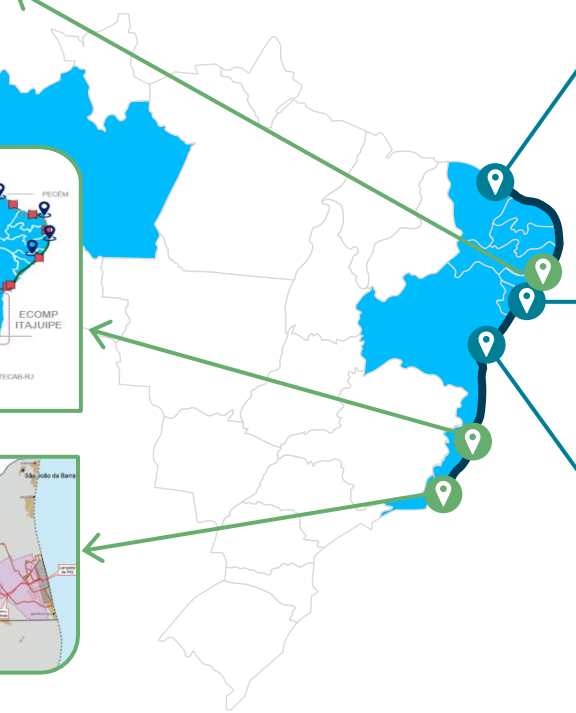


Connection of Porto do Açú

Access connection from Porto do Açu to the Cabiúnas-Vitória Gas Pipeline

- Extension: 45km
- Max. carrying capacity: 18MM m³/day
- Signed the commitment agreement for studies between TAG and GNA





GASFOR II (Ceará)



Network Optimization | Pipeline for loop in existing section

- Extension: 84km
- Estimated CAPEX: BRL 430m
- Start of operation: 3Q2024

Sergipe Terminal Connection (SE)



Access connection in the state of Sergipe

- Extension: 25km and max. carrying capacity: 14MM m³/day
- Estimated CAPEX: BRL 340m
- Signed access connection agreement
- Start of operation: 3Q2024

Itagibá Delivery Point (BA)



Access connection | Delivery point to serve the local distribution company in the Northern stretch of GASENE

- Max. delivery capacity: 0.7MM m³/day
- Estimated CAPEX: BRL 23m
- Start of operation: 2Q2024

Projects under development

Projects under construction

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