



SUSTAINABILITY REPORT **2022**



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About this Report

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This is the 7th edition of Equatorial Energia Group's Sustainability Report. The purpose of this material is to clearly and concisely disclose the results obtained by the company in the economic, social and environmental aspects throughout 2022. The report shows the impact of Equatorial Energia's activities from January 1st to December 31th.

The companies included in the consolidated financial statements are all those controlled by the *holding* company Equatorial Energia. As it was acquired only on December 29, 2022, CELG-D (Equatorial Goiás) was included in the financial statements of the Equatorial Group without, however, bringing the details and analysis of its operation throughout the Sustainability Report.

All subsidiaries directly or indirectly controlled by the Group are consolidated. Acquired assets are consolidated from the moment the holding company obtains control of its equity interest and/or significant influence over them. Information is recorded using business combination accounting. Mergers and/or disposals have their information recorded/disclosed in the financial statements on the date the fact occurs. The approach does not differ from the contents of this standard throughout the material topics set for this report.

This report is submitted to the Group's People, Governance and Sustainability Committee, which assesses its content, highlights material topics, and makes its recommendation to the Board of Directors, which reviews, evaluates and approves it as deemed appropriate.



Any questions regarding the information here can be forwarded to the ESG team, through the contacts:

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With this document, Equatorial Energia reinforces its commitment to the fairness of the data here, striving for transparency and the adoption of the best reporting practices, based on the international Global Reporting Initiative (GRI) methodology, according the Essential level, and in the indicators proposed by the Sustainability Accounting Standards Board (SASB).

Message from the CEO

GRI 2-22

The consolidation of our role as a multi-service company was the highlight for 2022. With a stance that ensures a smart allocation of capital, in a rational manner and always attentive to business possibilities that prove to be promising and profitable, we enter the basic sanitation sector and the renewable energy market.

We took over the operation of the Amapá Sanitation Concessionaire in July 2022, with the mission of working tirelessly to invest in the necessary infrastructure to modernize and universalize water and sewage services, as well as implement processes that improve service to our customers. We attracted professionals with solid experience in the sector and we had a broad process of training the workforce to work in our new operation, all of this to fulfill the mission of bringing quality of life to the population of the places where we operate.

Echoenergia was, in fact, the Group's great opportunity to enter the renewable energy generation segment,

We continue in line with our strategic planning, we advanced in the ESG agenda and continue to work on quality, reliability and safety of our operation.

contributing to the strategy of being protagonists in the opening scenario of the energy market. The acquisition of Echo shows Equatorial's interest in taking advantage of opportunities, also looking at the possibilities and challenges that the energy transition imposes.

If sanitation and the renewable segment are new to us, the acquisition of the energy distributor CELG-D, which took place at the end of the year, represents our effort to expand our operations in a segment in which our competence is widely recognized. With CELG-D, we inaugurated the Group's presence in the Brazilian midwest and our role is to improve



Augusto Miranda da Paz Júnior
President of Grupo Equatorial Energia

the quality of energy supplied to the population of Goiás, today the Group's largest distributor in terms of number of customers, helping us to reach more than 13 million people served by our distribution services.

It is with great awareness and satisfaction that we are gradually consolidating the ESG agenda in the business strategy. We understand that it is important to assume sustainable commitments not only because of the changes that the world has been going through and demanding, but also considering the responsibility we shall have regarding the environment, people, and the establishment of robust governance, in line with the highest market standards.

As part of this new vision, in 2022 we published our first greenhouse gas inventory (GHG), approved important

corporate policies, and will continue to move towards positioning ourselves as an important player in the field, aware that this is an ongoing journey.

We also approved the Diversity and Inclusion Policy, and carried out the Group's first Diversity Census, an x-ray of our collaborators. It is with these inputs that we will work to understand the needs, concerns and perceptions of our employees, investing in an increasingly plural and egalitarian environment.

The social work was in line with the Sustainable Development Goals set in the United Nations Global Compact. The training of the first group of female electricians in the Management and Safety Program at Equatorial Pará reflects the Group's commitment to promoting quality education for the training of labor for our chain,

developing, likewise, a close eye on gender equality. We were also committed to leaving a social legacy in the communities where we are present, whether through investments in projects on the E+ plataforma in education, culture and sports, whether by expanding our social tariff customer base or by replacing light bulbs and refrigerators for consumers of low income.

The financial results also demonstrate the growth and maturation of the Group's assets. We achieved an EBITDA of R\$7 billion and a consolidated cash position of R\$8.4 billion. Investments reached R\$5.3 billion in 2022 and grew by 84%, both for quality improvement and maintenance, expansion of our networks and the program to fight losses.

We close 2022 with the feeling of duty done. We are in line with our strategic planning, we are moving forward improving the quality, reliability and safety of our operation, growing in sectors with a high positive impact on society and generating value for different stakeholders, in line with our strategic planning. For 2023, we will continue with the commitment to continue delivering consistent results, always with a watchful eye on opportunities and advances.

I invite you to discover more details about our operations, our people and our achievements.

Have a good time reading!

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EQUATORIAL

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Profile

GRI 2-1, 2-2, 2-6

Equatorial Energia S.A. is a Brazilian holding of high-performance private equity companies with characteristics of a multiservice company. With corporate headquarters located at Alameda A, 100, Loteamento Quitandinha, Altos do Calhau (MA), and central office located in Setor Comercial Sul, Quadra 9, Torre A, in Brasília (DF), the Group operates mainly in the Brazilian electricity segment, in generation, commercialization, transmission, distribution and expands its business to the segments of sanitation, telecommunications and services.

Founded in 1999, the company started operating in the energy distribution segment and today operates seven concessionaires in this segment in the states of Maranhão, Pará, Piauí, Alagoas, Rio Grande do Sul, Amapá and Goiás, serving approximately 13.7 million customers in these regions. Overall, the Group is present in 31.2% of the Brazilian territory and accounts for 10.6% of the national distribution market.

The year 2022 marked the entry of Equatorial Energia into the wind energy market. The conclusion of the acquisition of Echoenergia, on March 3, added assets in the states of Pernambuco, Ceará, Rio Grande do Norte

and Bahia to the portfolio. In July of the same year, the Group acquired Concessionária de Saneamento do Amapá, inaugurating Equatorial's entry into the water supply and sanitation segment. In the state, 61.8% of the population of the capital (Macapá) does not have access to water and only 10.9% have full sewage service.

With assets distributed in seven states, the company serves more than 13 million electric power consumers and accounts consumers and accounts for 10.7% of the national distribution market. Overall, the Group is present in 24.4% of the Brazilian territory.

The company is a Corporation, with 100% free float since 2008, excluding treasury shares, and is part of B3's Novo Mercado, segment with the highest standard of corporate governance, under code EQTL3.

As a multiservice group, Equatorial Energia relies on a chain of upstream entities (suppliers) that supply materials, equipment, personnel and machines for the operation of its core businesses. Its downstream entities are mostly customers, distributed between individuals and companies.

Equatorial Energia's businesses are defined as follows:

Distribution – There are seven electricity distributors that cover 28.3% of the national territory and serve over 13.7 million customers;

Transmission – Composed of nine operating assets with 3.3 thousand km of lines, present in six states, exceeding R\$1.3 in Allowed Annual Revenue (RAP);

Renewables – Entry into the wind segment in 2022 with ten wind farms in operation, through Echoenergia;

Distributed Generation – Sold, throughout 2022, 528 plants and approximately 30,800 solar panels installed in Maranhão, equivalent to an area of 74 thousand m²;

Sanitation – With the operational phase starting on July 13, the CSA serves over 800 thousand people in Amapá;

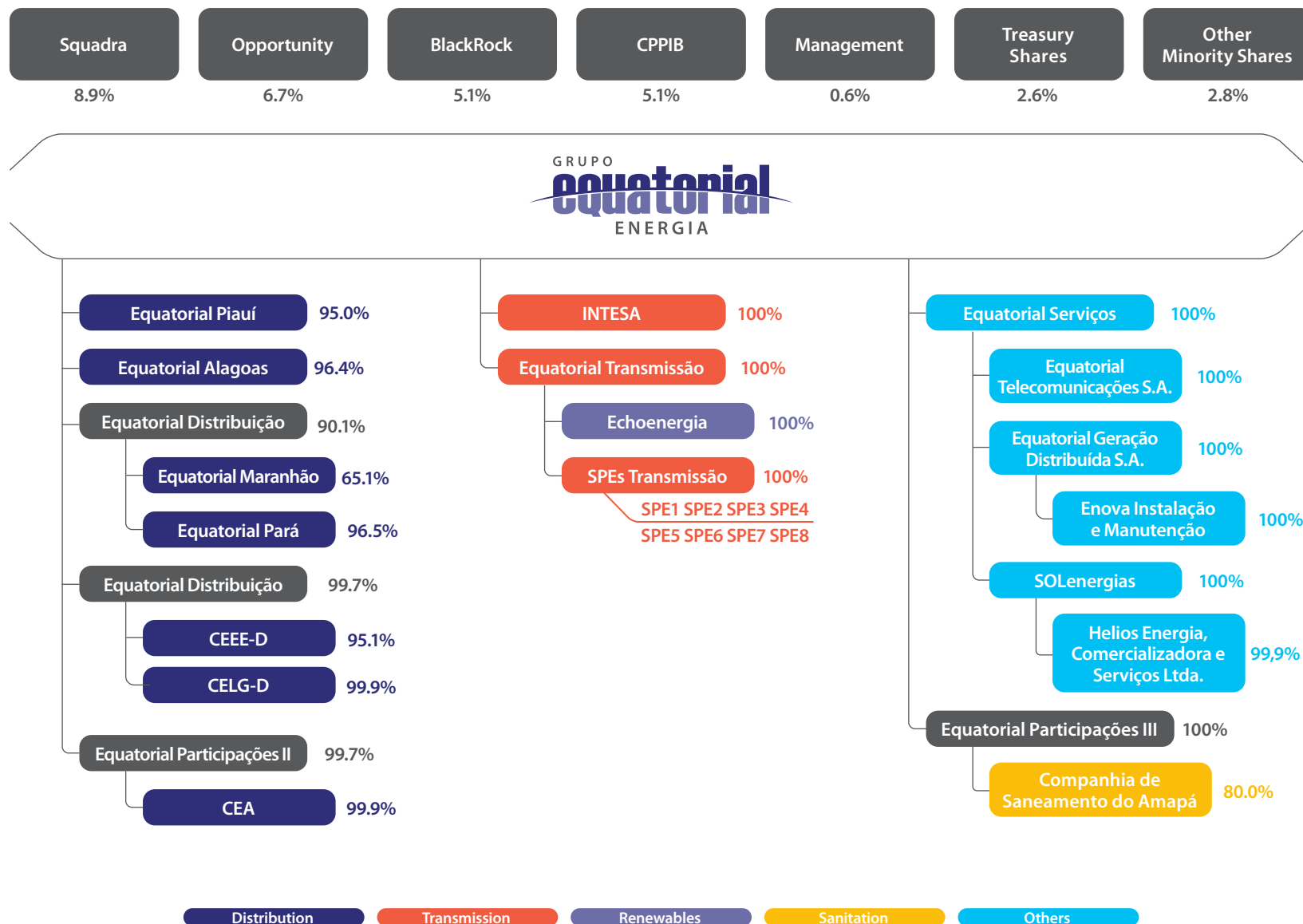
Energy Trade – Provision of consultancy and evaluation services and administration of energy purchase and sale contracts;

Telecommunications – Manages a network of over 4.5 thousand km;

Services – Provides support to the Group's other businesses.

Group Companies

Equatorial is the 3rd largest company in company in Brazil by the number of clients in the segment of energy distribution segment, (reaching the 13.7 million mark 13.7 million after the acquisition of CELG-D - Equatorial Goiás) and has a successful track record in the capital allocation of capital, developing a business a model of transforming transform stressed assets into profitable assets in this segment. The company has expanded and diversified its portfolio while maintaining discipline in the purchase of assets.



* CSA and (Equatorial Goiás) are assets that entered the portfolio in July and December, respectively, and therefore did not complete one year within the Group's structure.



7 distributors
electricity



13 million
people served

DISTRIBUTION

Equatorial Maranhão

Electricity distribution company acquired in 2004 by Grupo Equatorial. It operates in the 217 municipalities of the state, which has around 7 million inhabitants, equivalent to 3.4% of the Brazilian population. In 2022, the concessionaire distributed 7,351 GWh to 2,676,731 consumers, compared to the 7,016 GWh distributed in 2021. Investments in the distributor, which is Equatorial's oldest asset, amounted to R\$953 million, 75% more than the amount invested last year. As a result of these investments, there was a decrease in the DEC and FEC indices: in DEC the numbers decreased from 29.4 hours to 24.7 hours and in FEC the values fell from 9.8 times to 8.6 times, when comparing the years of 2021 and 2022.

Equatorial Pará

The concessionaire operates in the 144 municipalities of Pará, which make up an area of 1,248 thousand km², around 14.7% of the Brazilian territory. In the year, the company distributed 10,032 GWh to 2,913,209 consumers, representing an increase of 6.1% compared to that distributed in 2021. Investments in the distributor, operated by the Equatorial Group since November 2012, amounted, in turn, to R\$1.8 billion, growth of 61% compared to the value verified in the last year. Also in 2022, the concessionaire reduced the DEC and FEC rates: in DEC the numbers decreased from 22.1 hours to 18.7 hours, while in FEC the numbers went from 11.9 times to 9.2 times.

Equatorial PiauÍ

The distributor, operated since October 2018 by Equatorial, supplies energy to the 224 municipalities in the state, which covers an area of 251,000 km². It should be noted that in the fiscal year the concessionaire provided electricity to approximately 1.4 million consumers in 224 municipalities: 4,134 GWh of energy were distributed, a value that remained in line with the previous year (4,111 GWh). Investments in the distributor totaled R\$732 million, a growth of 60% compared to the amount verified in the last year. The DEC and FEC indices, in turn, decreased, going from 29 hours to 24.5 hours, respectively, and from 13.9 times to 11 times, considering the years 2021 and 2022.



R\$ 751 million
in investments
CEEE-D



R\$ 388 million
per year invested in the
Concessionaire (CEA)

DISTRIBUTION

Equatorial Alagoas

The concessionaire serves approximately 1.3 million consumers in 102 municipalities in the state, covering a concession area of 27,848 km². In the year, Equatorial Alagoas distributed 4,064 GWh to 1,325,190 consumers, an increase of 2.4% compared to 2021. It should be noted that the DEC and FEC indices also suffered a significant decrease in the year: in DEC decreasing from 23.8 hours to 18.7 hours and in FEC from 10.2 times to 7.8 times. In terms of investment, the distributor, effectively operated since March 2019 by the Equatorial Group, invested R\$426 million, a growth of 45% compared to the previous year.

Companhia Estadual de Energia Elétrica (CEEE-D)

Equatorial Energia has controlled CEEE since 2021, the concessionaire responsible for distributing energy to 1.8 million consumers in 72

municipalities in the state. In the year, CEEE distributed 8,191 GWh of energy, an amount 4.2% higher than the amount distributed in 2021. Investments totaled R\$751 million, an increase of 75% compared to the previous cycle. The DEC and FEC indices, in turn, decreased: from 18.1 hours to 17.8 hours and from 9.7 times to 8.5 times.

CEA Equatorial Energia

In operation since November 2021, the distributor took energy in 2022 to 198,000 consumer units in the 142,000 km² of the state of Amapá. The DEC and FEC indicators ended 2022 at 44 hours and 19.6 times, respectively, when in 2021 they were 36.5 and 19.1. It is worth noting that due to the standardization of measurement and calculation of indicators, the data reported for 2022 are not comparable to those for 2021,

since the indicator consolidates the last 12 months of operation under Equatorial management, concluded at the end of the year. Investments in the concessionaire totaled R\$388 million in the year.

Companhia de Distribuição do Estado de Goiás (Celg-D) - Equatorial Goiás

Operating in 237 municipalities, CELG-D (Equatorial Goiás) is today Equatorial's largest distributor in terms of number of customers, having incorporated 3.3 million consumer units to the company's base. It is important to highlight that the distribution company, still in the turnaround process, entered the Group's hall of assets in December 2022 and foresees improvements in management and investments in infrastructure in the next year.

TRANSMISSION

Equatorial Transmissão

Grupo Equatorial entered the energy transmission segment in 2016, when it won seven lots in the ANEEL 013/2015 2nd Stage auction in the states of Pará, Piauí, Bahia and Minas Gerais. In 2017, he won another lot at auction 005/2016, in the state of Pará. In 2018, the company became the owner of INTESA – Integração Transmissora de Energia, located in the states of Tocantins and Goiás. Today the company has eight transmission SPEs, in addition to INTESA, which together account for more than 3,000 km of transmission lines. The Allowed Annual Revenue (RAP) for 2022 of the eight SPES and INTESA totaled R\$1.3 billion.

SANITATION

Concessionária de Saneamento do Amapá (CSA)

Incorporated as a Special Purpose Entity (SPE) CSA is controlled by Equatorial with a stake in SAM Ambiental. The sanitation company formally entered the Group's asset portfolio in July 2022, when the company also started its definitive operation.



Serving
16 municipalities
in the state of Amapá



R\$ 1.3 billion

of Annual Allowed Revenue (RAP) in the operational assets



3 thousand km

of transmission lines operating in 6 states

+800 thousand

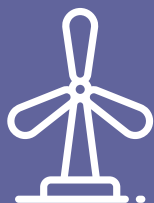
people served with water supply





Enova

is the largest distributed generation company in Maranhão



1.2 GW

of installed capacity in the 10 operational wind farms of wind energy incorporated to Equatorial's assets

GENERATION

Enova

Equatorial owns the share control of Enova Installation and Maintenance, a company of distributed generation of solar energy operating in the Northeast of Brazil. The company has three of its own plants in operation and nine in the pipeline.

Echoenergia

Echoenergia Participações, which develops, implements and operates clean energy generation projects, was acquired in March 2022. There are ten wind power operating complexes that were incorporated into Equatorial's assets, totaling 1.2 GW of installed capacity. In addition, the company has a pipeline of 1.2 GW of operational projects and 573 MW of projects under construction.

SERVICES

Equatorial Serviços

It operates through several companies with call center, sales and back office solutions, among others, for customers in Maranhão, Pará, Piauí, Alagoas and Rio Grande do Sul.

TELECOMMUNICATION

Equatorial Telecom

Equatorial Telecom is a company of the Equatorial Energia Group dedicated to the telecommunications market. Established as a joint-stock company, it provides broadband, internet and telephony services. In 2022, it had 4,094 customers in its base.

COMMERCIALIZATION

SOLenergias

Controls Helios Energia, Grupo Equatorial's commercialization and services company, which operates in specialized consultancy for customers in the free energy market and provides services for the purchase and sale of conventional energy, biomass, SHPs and wind energy, in addition to offering operations customized. SOLenergias is in the process of integration with the Echoenergia supplier, a process that started in March 2022 and is expected to be completed in the first half of next year.

Performance Overview



28.3%

National Territory
16.8% Customers



10.6%

Energy Market

Distribution



7 distributors

2,412 km²

13.7 million
customers served

R\$ **18.7¹** billions
on an Asset Base

Transmission



9 assets

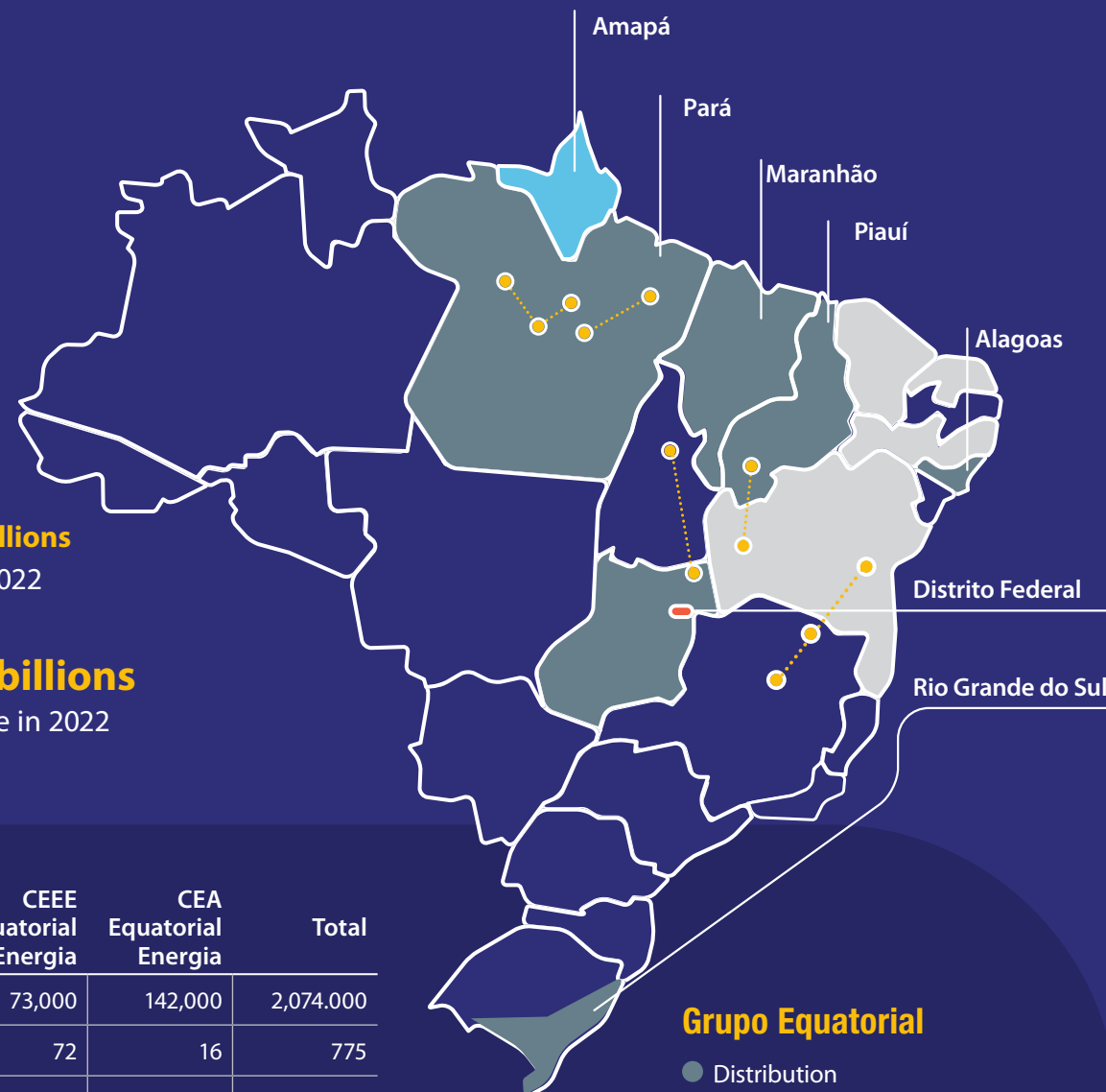
+3 thousand km²
of lines

R\$ **1.3** billions
of RAP



R\$ 7.0 billions
EBITDA in 2022

R\$ 27.1 billions
net Revenue in 2022



Grupo Equatorial

- Distribution
- Renewables
- Distribution and Sanitation

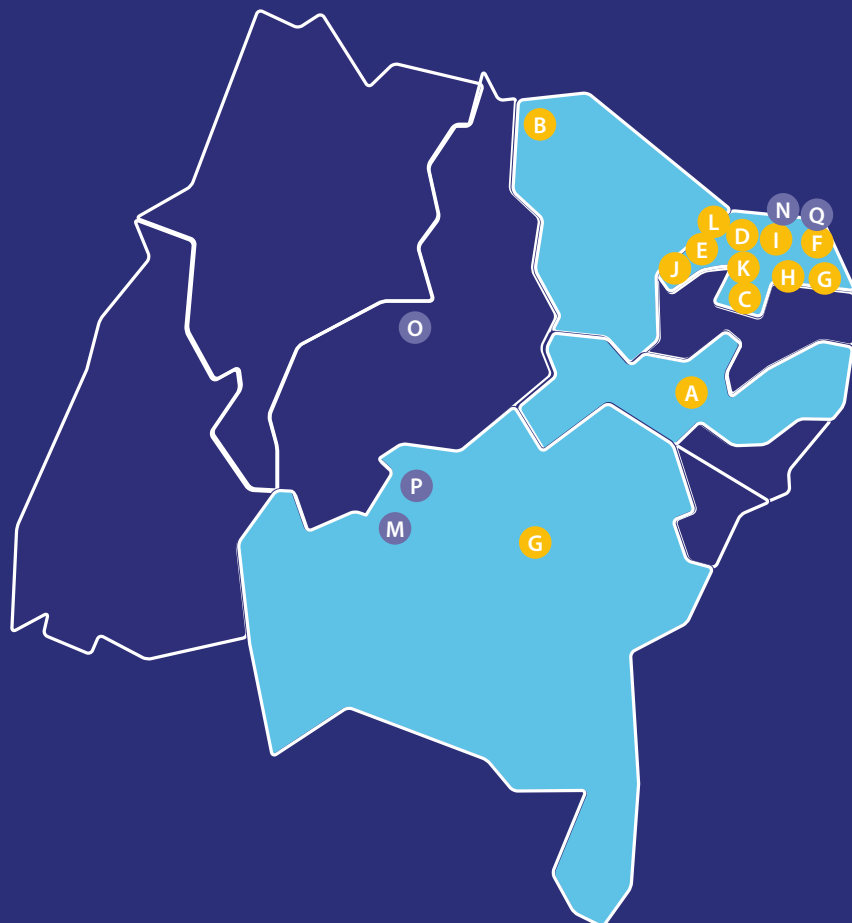


Works of Equatorial Transmissão

2022 Distribution	Equatorial Maranhão	Equatorial Pará	Equatorial Piauí	Equatorial Alagoas	CEEE Equatorial Energia	CEA Equatorial Energia	Total
Concession Area (km ²)	332,000	1,248,000	251,000	28,000	73,000	142,000	2,074,000
Municipalities (#)	217	144	224	102	72	16	775
GDP per Capita (R\$)	15,027,7	15,372,0	17,185,0	18,857,0	51,701,0	20,688,0	138,830,7
# Consumers (thousand)	2,676	2,913	1,422	1,325	1,865	198	10,399
Network Extension (km)	151,242	169,655	107,668	45,915	58,693	9,382	542,555

¹ Considers historical values ratified in the last RTPs/RTEs (Periodic Tariff Revision/Extraordinary Tariff Revision).

Renewables



- Operating Assets
- Advanced construction
- Pipeline

Renewable Assets

Project	Date	Power Granted by ANEEL (MW)	Physical Warranty Decree MME2022 (MWm)
São Clemente	May/2016	232.6	122.1
Tianguá	September/2016	141.0	74.9
Echo 1	August/2012	87.6	32.6
Echo 2	January/2016	128.0	58.1
Echo 3	April/2020	100.8	55.9
Echo 4	February/2018	85.4	45.3
Echo 5	November/2018	50.8	25.0
Echo 6	July/2020	96.6	53.9
Echo 7	September/2020	75.6	41.5
Echo 8	January/2022	92.4	47.0
Echo 9	January/2022	75.6	38.0
Echo 10	January/2022	37.8	20.2
Total		1,204.2	614.5

Sanitation - Amapá



The Concession

Population

+ 800k

80%

Concentrated in
Macapá and Santana

Current Sanitation

0% Sewage Treatment

36% Sewage Treatment

Concession Area

Urban Headquarters of the 16 municipalities
in the state Does not cover rural consumers

Main Features

Full Concession

Expansion, operation and maintenance of water and sewage systems and commercial management

Term
35 years

Universalization
18 years (Sewage)
11 years (Water)

Losses¹
30%
in nine years

Capex (Estimated¹)
R\$ 3 billion

Jan/22

Contract
Signing

Assisted Operation (six months)

Jul/22

Start of
Operation

Stakeholder Engagement

GRI 2-29

Shareholders, consumers, communities, suppliers, government, regulatory bodies, academia, the press and employees make up Equatorial Energia's stakeholders.

The company sees engagement with stakeholders as relevant because it understands that, in such a process, it is possible to identify real and potential impacts, reduce risks, identify ideas and work on opportunities and partnerships, besides increasing the level of trust, avoiding unnecessary conflicts and promoting transparent communication.

For the Group, stakeholders exercise power and influence in the business or are directly impacted by it, even if they are not directly linked to its value chain. the prioritization and involvement of these stakeholders was based on aspects of representativeness, close relationship, impact, tension and urgency. Based on these principles, the company seeks to

bring them to the management of its processes in an increasingly robust way, either by understanding them through internal surveys or externally verifying how these same stakeholders perceive the performance and evolution of the Group.

Reputation surveys were important instruments in 2022, as they were able to make tangible the public's perception of how Equatorial relates, as well as its actions and attitudes towards its stakeholders. The results of two reputational surveys carried out throughout the year showed that the company is recognized by the populations of the states where it operates and remembered for its social agenda and sustainable initiatives, as well as bringing opportunities for improvement related to dialogue with society and public bodies. The Organizational Engagement Survey,

a relevant tool for understanding the work environment and its effects on employees, was carried out in November and obtained adherence from 92% of employees and 83% approval, a process that will also be repeated in the next fiscal year. The relationship with investors is also measured through a specific survey, carried out annually to understand how this public perceives Equatorial's management; approach that also takes place with the customers of the company's distributors, who have a representative board and respond continuously to perception surveys. These instruments are effective not only for adjustments in management tools, but also bring inputs to be incorporated into metrics and indicators.

Besides the commercial relationships set with its traditional business partners, the Group has partnerships with numerous institutions through sponsorships

in incentive laws, in addition to state sponsorships in the territories of its distributors [\(see more details in Society, page 108\)](#).

It is also worth noting the partnerships with non-commercial entities, such as joint actions with state licensing bodies and State Environmental Councils in the distributors' territories. In Maranhão, specifically, Equatorial represents the electricity segment in the State Council for the Environment, which is part of the network of legal instruments linked to the National Environmental Policy. The Group is also a member of the Brazilian Association of Listed Companies (Abrasca), Brazilian Association of Electric Energy Distributors (Abradee) and the National Association and Union of Private Concessionaires of Public Water and Sewage Services (ABCON).

Communication and Realtion

The areas have their own channels and organization to manage communication with interested parties. It is also in these areas that information is managed and centralized through specific relationship channels.

The energy distributors have ombudsman channels for registering doubts, complaints and suggestions about the services provided, as well as a remote service channel through a virtual assistant (Clara). The population can also contact in person through agencies and regional offices.

Equatorial has a specific channel, **“Fala Parceiro”**, which seeks to strengthen ties with suppliers and service providers, and to train them in better management practices.

A channel an own team are available to the Investor Relations area, responsible for answering market demands, and the Regulation and Market Area, which determines proactive and reactive dealings with regulatory bodies. The company also has a **Privacy**

and Personal Data Protection Policy, created to demonstrate its commitment to the security and privacy of information collected from its customer base, in compliance with the principles of the General Data Protection Law (LGPD) and also considering the Civil Rights Framework for the Internet and the Law on Access to Information.

As for employee engagement, a Corporate Management for Labor and Union Relations manages labor relations and negotiates collective agreements and union disputes, guaranteeing workers full freedom of expression and peaceful demonstrations, guaranteed by law; while the People and Management Departments guarantee the development of diversity and inclusion considering the importance of the topic to the ESG agenda. Programs, considering the necessary advances in the agendas of gender, equity and other agendas related to the theme. There is also a focus on training and capacity building for employees and, likewise, on strengthening the organizational culture.

Record growth of 75% in healthiness in social networks (MA, PA, PI and AL) compared to previous years. This growth was established through a report on social networks that uses a monitoring platform to measure the results of indicators.



Mission, Vision, and Values

The main levers for the creation of value by the Equatorial Energia Group are its strong growth potential, its experience as a multiservice company, its culture of operational efficiency and management model, besides its ability to promote the social transformation of the communities impacted by its operations.



Mission

Ensure excellence in asset management, with quality and profitability, contributing to the continuous growth of the business and social development.



Vision

To be a world reference in operational efficiency and profitability in the energy and utilities segments.



Strategy

Equatorial Energia's strategy aims to create long-term value by adapting to the excellence demanded by the new energy market, sustainable portfolio growth, with theselective incorporation of good assets and the segmental diversification that characterizes the company today.

Values



FOCUS ON PEOPLE

We believe that committed people give their best, overcome themselves and achieve the best results. Therefore, we continuously promote the high performance of our employees.



EMPHASIS ON MERITOCRACY

We believe that meritocracy recognizes people who achieve outstanding results and promote the company's evolution. Therefore, we recognize the differentiated results of our employees.



TENACITY FOR PROFIT

We believe that acting with a sense of urgency and always seeking productivity gains is to ensure the company's viability and growth. Therefore, we are constantly rethinking the best way to do more with less, respecting the other organizational values, without violating the company's policies and norms. Agility is not necessarily speed. It is important to be agile to react to challenges, but doing so in a sustainable way, guaranteeing the perpetuity of the organization.

EFFICIENT CAPITAL ALLOCATION

We believe in making the best choices in the efficient allocation of resources, always seeking perpetuity, sustainability and the appreciation of Equatorial's shares.

CUSTOMER DEDICATION

We believe that our success is only complete when there is recognition from the customer. Therefore, we seek to delight you.

ETHICS AND SUSTAINABILITY

We believe that our results must be achieved in a fair and environmentally responsible manner. Therefore, we spread respect for laws, principles, values and company policies.

TRANSPARENCY

We believe that transparency is essential to gain the trust of both employees and the external public. Therefore, we strengthen credibility in the company's relationships with its stakeholders.

SECURITY

We believe that life is a non-negotiable asset. Therefore, we seek efficiency with respect to the integrity and safety of people, acting and encouraging the preservation of life.



Highlights of the Year


Echoenergia Acquisition of
Echoenergia



Incorporation of **CELG-D** (Equatorial Goiás) into the Group, expanding the distribution area



Beginning of the commercial operation of **CSA**

5.3
billion



Equatorial's consolidated investments totaled **R\$5.3 billion**, **84.4%** higher than the previous year



Approval of the **Environmental** Policy, the **Waste Management Policy** and the **Water Resources Policy**



Publication of the **First Greenhouse Gas Emissions** Inventory



Approval of the **Diversity Policy** and preparation of the first **Diversity Census**

6.7
million



million invested in **specific training**



Decrease of the **DEC** in **five** of the Group's distributors and, in the **FEC**, **five of the six** distributors operated **below the regulatory level**



Awards and Acknowledgments



Empresa Amiga da Cultura (PA)



Prêmio Corporate Local Currency Deal of the Year, for the acquisition of Echoenergia



PROFISSIONAIS DO ANO

Prêmio Profissionais do Ano

Rede Globo's Professionals of the Year Award for the Christmas Campaign Hospital de Combate ao Câncer Aldenora Bello (MA)



Índice TEVA Mulheres na Liderança, for the participation of women in governance



The 100 Mais Notáveis in Management and Efficiency, by **Full Energy** Magazine, awarded to the CEO of Equatorial Energia



Empresa Amiga do Teatro Piauiense



Prêmio Piauí de Inclusão Social



Women on Board Seal for the presence of women on the Board of Directors

3

CORPORATE GOVERNANCE

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Corporate Governance

GRI 2-9, 2-10, 2-12, 2-13, 2-14

Equatorial Energia Equatorial Energia is a Novo Mercado company that is subject to the highest standards of corporate governance. In 2022, the company adapted to the current requirements of the Novo Mercado, having published important policies and regulations to

bring more robustness to its management.

With the purpose of strengthening the Governance pillar, the Equatorial Group hired a specialized consultancy to help it strengthen its management

practices and suggest improvements to be incorporated into its procedures. The consultancy's guidelines are particularly aligned with four values that translate governance at Equatorial Energia:

■ Tenacity for Profit

Encourages employees to act as business owners, under strong financial discipline and thinking in an innovative way.

■ Ethics and Sustainability

Without giving space to attitudes that disagree with the Code of Ethics and Conduct and the company's policies, Equatorial Energia believes it can achieve responsible results that are fair to the environment. Respect for laws, principles, values and policies are ensured on a daily basis.

■ Transparency

Transparency is essential to gain the trust of employees as well as the external public. Strengthening credibility in the company's relationships with its stakeholders is a purpose guided by integrity and clarity in communication and transparency in the management model.

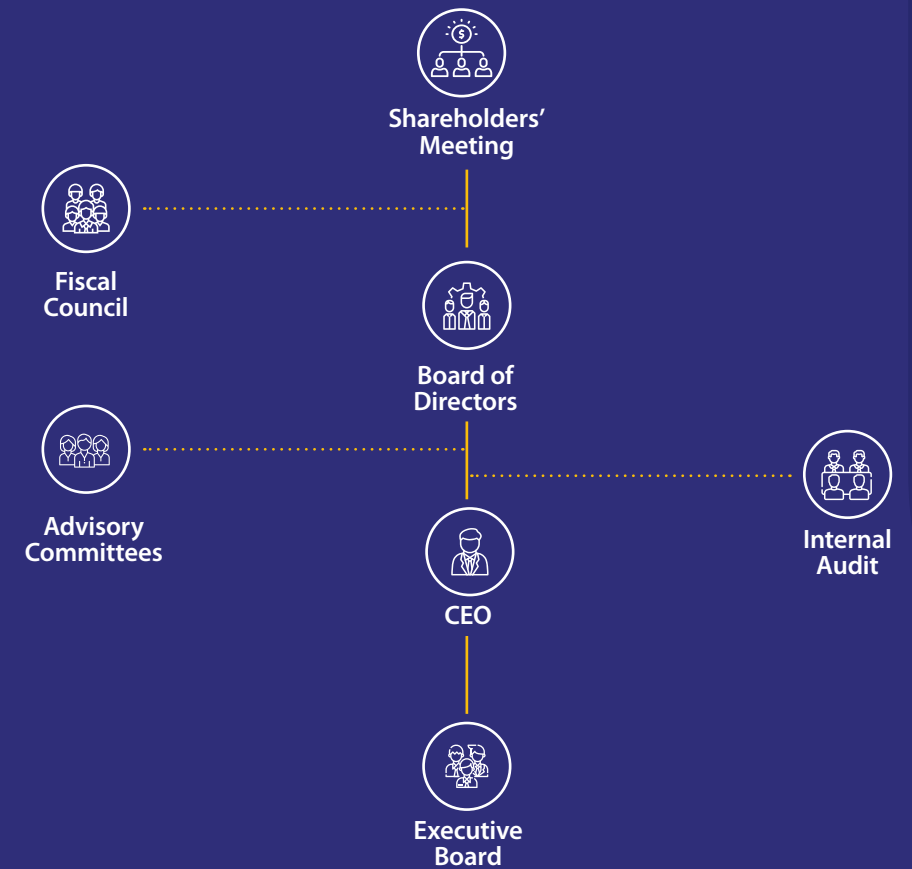
■ Efficient Capital Allocation

The best choices in resource allocation are made efficiently, always seeking continuity, sustainability and valuing the shares above the market. Equatorial periodically updates its strategic planning to diversify these options, seeking to generate value to grow. Equatorial Energia disseminates the spirit of governance in its day-to-day activities and reaffirms, in this report, its commitment to transparent management in line with the best market practices.



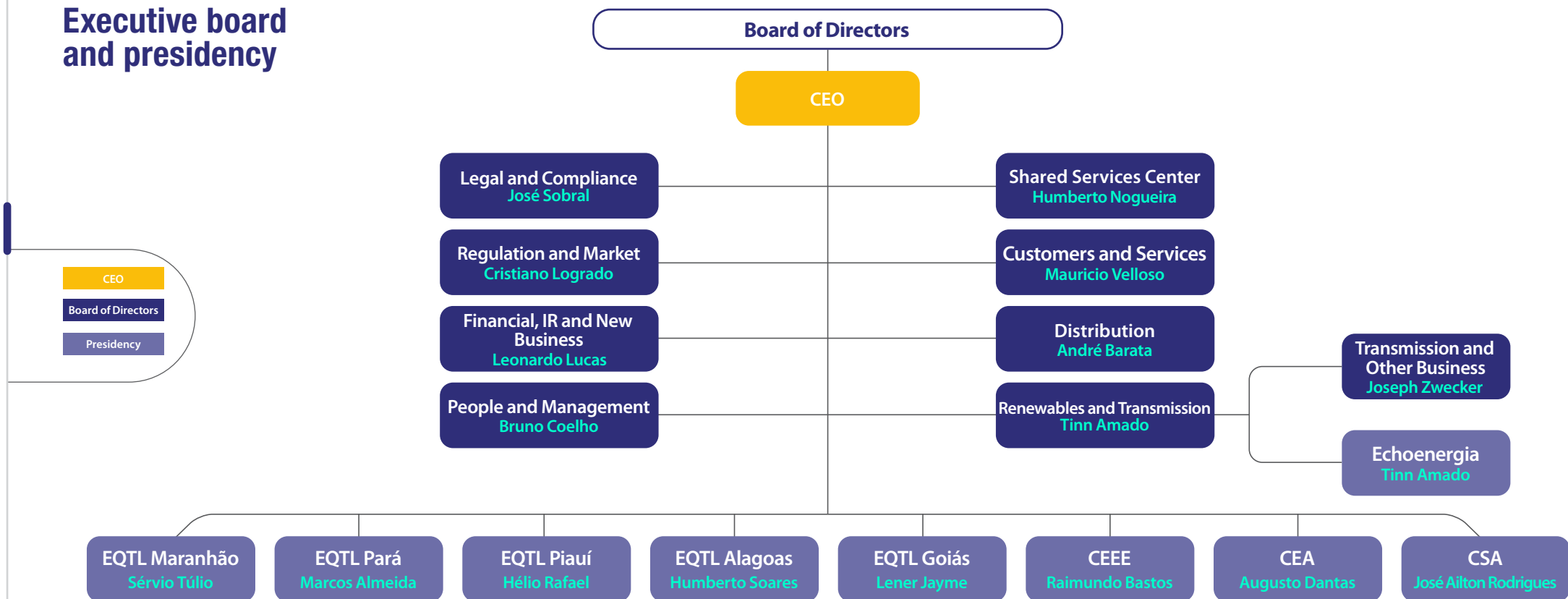
Governance Structure

Equatorial Energia is listed in the highest level of Corporate Governance of B3, and its management is carried out under pulverized control, without the figure of the controlling shareholder or control block.



Structure

Executive board and presidency



The company is managed by a Board of Directors (BoD) and by an Executive Board. The Novo Mercado Adhesion Agreement signed with B3 requires the company to be subject to rules that guarantee good governance. Its members, as well as the entire Group, follow the precepts defined by the Code of Ethics and Business Conduct. They also follow the provisions of the

Corporate Law, bylaws, internal regulations, corporate policies and company rules.

The **Board of Directors** is constituted as the collegiate decision-making body for Equatorial Energia's strategic plan and policies. It can be composed of up to nine members, currently with eight members, six of them

independent. Its evaluations must consider the various segments in which the company operates and socio-environmental and economic aspects. It meets at least five times a year, according to a pre-set schedule, and extraordinarily, whenever appropriate or necessary. In 2022, the Company's Board of Directors was certified by the Women on Board, for having two female board members.

The **Executive Board**, in turn, headed by the Chief Executive Officer, it reports to the company's Board of Directors and is responsible for its management. Its purpose is to ensure longevity, profitability and success in the implementation of corporate policies and in the execution of the strategic objectives and guidelines established by the Board of Directors.

The **Fiscal Council** is an independent body linked to the Shareholders' Meeting. With its attributions set forth in the Brazilian Corporation Law, in its Internal Rules of Procedure and in the Company's bylaws, its main powers, duties and functions are to supervise the actions of the management and issue opinions, through opinions, about: (i) the management's annual report; (ii) the financial statements; and (iii) the management's proposals, to be submitted to the general meeting, related to the modification of the capital stock, issuance of debentures or subscription bonus, investment

plans or capital budget, distribution of dividends, transformation, incorporation, merger or spin-off.

In 2022, four extraordinary meetings were held, where the fiscal councilors were able to delve deeper into information about new businesses of Grupo Equatorial, opine on the realization of the Company's Follow-on and follow the developments in compliance, integrity and ESG.

The **Board of Directors** has the prerogative to install advisory committees, intended to assist its members in ideological alignment and performance supervision. There are three committees linked to the highest governance body, namely the Statutory Audit Committee, the People, Governance and Sustainability Committee and the Strategy and New Business Committee.

The **Statutory Audit Committee**, whose competences are established

in its Internal Rules of Procedure and in article 18 of the Company's by-laws, assists the Board of Directors in defining the quality standards of the financial reports and internal controls, and also assesses the risks involved in the accounting principles and their adequacy, proposing changes if necessary and monitoring the eventual and/or potential problems identified. The Committee also reviews and approves the risk management strategy of all the Companies of Grupo Equatorial, advises the Board of Directors on risk exposures and analyzes the level of risk within Grupo Equatorial. In addition to these functions, the body evaluates the effectiveness of risk management systems and reports to the Company's Board of Directors, identifying risks arising from alternative strategies under the Board of Directors' decision. It is composed of two independent directors and one external member.

The **People, Governance and Sustainability Committee** is

responsible for defining and implementing compensation principles and policies, including topics related to fixed and variable compensation and long-term incentives. It also performs the evaluation of the CEO, the review of the evaluation of his direct subordinates and the annual nomination of talents of Grupo Equatorial. The Committee also makes the nomination and recruitment of new Board members, coordinates the evaluation process of the Board and its Committees, as well as Equatorial Group's corporate governance practices. In addition, the body reviews and discusses the Company's sustainability initiatives.

The **Strategy and New Business Committee** has the objective of evaluating the development of studies for potential participation in new businesses, identifying possible risks, opportunities and approaches to be followed in the negotiation.

Highest Governance Body

Name	Gender	Executive or Non-Executive Role	Independence	Term of Office	Number of other roles and commitments, as well as the nature of these commitments
Carlos Augusto Leone Piani	Male	Non-executive	Yes	Two-year term, until the ASM approves the accounts for the 2024 fiscal year	Participates as a member of the three advisory committees to the Board of Directors (Audit and Risks, Strategy and New Business and People and Sustainability)
Guilherme Mexias Aché	Male	Non-executive	Yes	Two-year term, until the ASM approves the accounts for the 2024 fiscal year	Participates as a member of the three advisory committees to the Board of Directors (Audit and Risks, Strategy and New Business and People and Sustainability)
Eduardo Haiama	Male	Non-executive	No	Two-year term, until the ASM approves the accounts for the 2024 fiscal year	Does not participate in advisory committees or other boards of Equatorial Group companies
Karla Bertocco Trindade	Female	Non-executive	No	Two-year term, until the ASM approves the accounts for the 2024 fiscal year	Does not participate in advisory committees or other boards of Equatorial Group companies
Luis Henrique de Moura Gonçalves	Male	Non-executive	Yes	Two-year term, until the ASM approves the accounts for the 2024 fiscal year	Participates as a member of an advisory committee to the Board of Directors (Strategy and New Business). He is also a member of the Board of Directors of the Equatorial Group company, Echoenergia Participações S.A.
Paulo Jerônimo Bandeira de Mello Pedrosa	Male	Non-executive	Yes	Two-year term, until the ASM approves the accounts for the 2024 fiscal year	Does not participate in advisory committees or other boards of Equatorial Group companies
Tania Sztamfater Chocolat	Female	Non-executive	Yes	Two-year term, until the ASM approves the accounts for the 2024 fiscal year	Participates as a member of the three advisory committees to the Board of Directors (Audit and Risks, Strategy and New Business and People and Sustainability)
Tiago de Almeida Noel	Male	Non-executive	Yes	Two-year term, until the ASM approves the accounts for the 2024 fiscal year	Participates as a member of an advisory committee to the Board of Directors (Strategy and New Business). He is also a member of the Board of Directors of the Equatorial Group company, Echoenergia Participações S.A.

Statutory Audit Committee

Name	Gender	Executive or Non-Executive Role	Independence	Total other positions and commitments, as well as the nature of these commitments
Tania Sztamfater Chocolat	Female	Non-executive	Yes	Detailed above
Carlos Augusto Leone Piani	Male	Non-executive	Yes	Detailed above
João Alberto da Silva Neto	Male	Non-executive	No	Participates in the Statutory Audit Committees of all Grupo Equatorial's companies.

Strategy and New Business Committee

Name	Gender	Executive or Non-Executive Role	Independence	Total other positions and commitments, as well as the nature of these commitments
Carlos Augusto Leone Piani	Male	Non-executive	Yes	Detailed above
Guilherme Mexias Aché	Male	Non-executive	Yes	Detailed above
Tania Sztamfater Chocolat	Female	Non-executive	Yes	Detailed above
Luis Henrique de Moura Gonçalves	Male	Non-executive	Yes	Detailed above
Tiago de Almeida Noel	Male	Non-executive	Yes	Detailed above

People, Governance and Sustainability Committee

Name	Gender	Executive or Non-Executive Role	Independence	Total other positions and commitments, as well as the nature of these commitments
Carlos Augusto Leone Piani	Male	Non-executive	Yes	Detailed above
Guilherme Mexias Aché	Male	Non-executive	Yes	Detailed above
Tania Sztamfater Chocolat	Female	Non-executive	Yes	Detailed above

Good Practices

The approval in 2022 of numerous policies reinforced the company's governance, which also worked hard to adapt to the requirements of the Novo Mercado. The Compensation, Nomination and Related Party Policies were incorporated into the governance environment; the Code of Conduct and the Cyber Security Policy were updated and the Diversity and Inclusion, Environmental, Water Resources and Vast Waste Policies were approved. The draft that forms the basis of the Conflict of Interest Policy also made progress on the company's agenda.

It should also be noted that the procedures relating to shareholders' meetings and onboarding are also being revisited for improvement, which should be implemented by the next fiscal year. During the year, the company prepared a matrix of competencies for the Board of Directors and the first proposal for the Annual General Meeting (AGO), indicating the skills of each member for election to the Board of Directors. It is also worth noting the governance management software, which completed one year of use in 2022, performs



97.4%
of total capital
as free float

**Very
above** the
minimum of 25%
required required
by B3's standards

tasks of automation and centralization of processes and activities involving the Board of Directors and other governance bodies. Through its use, it was possible to facilitate access and security of information about the company.

There were, also in the year, important changes in the governance area, which included an internal restructuring to guarantee even more efficient responses to the reality of the company's strong growth. The restructuring enhanced the strategic look of the superintendencies in internal processes and also streamlined the legal support in the changes of control of the acquired companies. Echoenergia, for example, was quickly brought into the Equatorial governance model.

To map the participation of underrepresented social groups in its management bodies, the Group also carried out a Self-Declaration Survey in 2022, which brought relevant results from the point of view of the profiles that makeup senior management. The survey questioned aspects related to gender and gender identity, affective sexual orientation, race and color, as well as the presence or absence of some type of disability. As a result, 82.4% of respondents declared themselves to be male, 94% being heterosexual and cisgender, while 82% of respondents considered themselves white and not having a disability (94%).

The disclosure of financial statements, in turn, is done under the international standards International Financial

Reporting Standards (IFRS) and followed by conference calls of results every quarter.

Equatorial Energia maintains 97.4% of the total capital as free float, well above the minimum of 25% required by B3 standards and ensures 100% tag along rights to minority shareholders. Management also follows a Policy for Disclosure of Relevant Acts or Facts and for Trading in Securities by Related Persons, as well as to publish quarterly the Statement of Cash Flows, together with the ITRs, and to purchase shares at their economic value in event of listing or delisting.



Compensation Policies

GRI 2-19, 2-20, 2-21

Formally approved, the Policy defines the structure and guidelines for determining the compensation of the members of the Board of Directors, Fiscal Council, Advisory Committees and Executive Board of Equatorial Energia S.A. and its subsidiaries. The Policy aims to attract, retain, motivate and develop executives with a standard of excellence, and the creation of a culture aimed at achieving results that are interesting for employees, for the Company and for shareholders.

The fixed compensation corresponds to the monthly base compensation according to individual performance, experience, education, knowledge and scope of action, defined as fees, to recognize and reflect the value of the position internally and externally. It must be defined or revised based on market surveys carried out periodically by independent specialized consultants.

Applied only to executive directors, the variable compensation is composed of an annual variable element (short-term incentive) and another linked to the Company's performance in relation to certain concrete,



See more about governance compensation setting guidelines on our page of **Bylaw, Codes and Policies**.

preestablished and measurable economic-financial and operational parameters (long-term incentive).

There are no compensation or compensation mechanisms for managers in case of removal from office or retirement and only the Company's statutory directors have private pension plans at EQTPREV. Members of the Company's Board of Directors and Fiscal Council do not enjoy this benefit.

It should be noted that in the year in which the presidency and board of directors had goals linked to ESG in the breakdown of the respective variable compensation, goals that dealt with diversity and inclusion, work safety, approval of corporate policies and climate strategy.

Strategy

The year 2022 consolidated major advances in the strategic planning of the Equatorial Energia Group. The company began the period by concluding the acquisition of Echoenergia, a process that consolidated its entry into the renewable energy segment, in addition to having finalized the divestment of Geramar, withdrawing completely from the diesel oil thermoelectric generation segment.

The Group also made progress in the turnaround processes and in improving the quality of services provided by the distributors, in addition to having started the operation of the Concessionária de Saneamento do Amapá (CSA), its debut in the sanitation business. Equatorial ended the year with the acquisition of CELG-D (Equatorial Goiás), an electricity distribution concessionaire in Goiás, adding more than 3 million customers to its portfolio of assets and inaugurating, likewise, its presence in the central-west region of Brazil. These movements are in line with the Group's strategic

planning, which covers the years 2021 to 2030 and defines attractiveness criteria for capital allocation, such as profitability, materiality, scalability, synergy, competitiveness, regulatory and ESG aspects.

It should be noted that there is a specific plan for the ESG theme in the company, which ends the year 2022, implementing important steps in this agenda. The design of the strategy began in the previous year, based on adaptation to basic reporting indicators, and continued in 2022, being strengthened with the completion of relevant management processes. It was the first year in which senior management's variable compensation was directly linked to the achievement of ESG goals, consisting of the approval of relevant institutional policies, advances in the diversity and inclusion theme, and even the first discussions regarding the climate positioning of the Group, although the company has not yet assumed public commitments regarding the decrease of its emissions.



New Businesses

Echoenergia

In March 2022, the company concluded the acquisition process of Echoenergia, which began in October 2021, thereby adding wind power generation to its portfolio and with the prospect of expanding into solar projects in the future.

In February, the new wind complexes Echo 8, Echo 9 and Echo 10, in Rio Grande do Norte, started operating. Together, the new complexes add up to 206 MW of 100% renewable installed power. The three parks are located in the city of Serra do Mel (RN). Its wind turbines are connected to the Mel II substation and comply with Power Purchase Agreement (PPA) contracts signed in the free energy market environment.

Echoenergia's portfolio totals 1,200 MW of installed capacity of operational assets, whose management also adds state-of-the-art technology, as it is heavily concentrated in first-class turbines and presents a technical performance above market levels, backed by a maintenance structure with protective clauses. Echo

also has a pipeline under construction of 1.2 MW of operational projects and 573 MW of projects under construction.

Gera Maranhão

A relevant decision of Equatorial Energia was to decarbonize its energy base by exiting the fuel oil thermal generation market once and for all. In order to achieve this, the company decided to sell all of its equity stake in Gera Maranhão. The transaction was completed on May 11th, 2022.

Concessionária de Saneamento do Amapá (CSA)

In September 2021 the Company, through Consórcio Marco Zero, acquired in auction 80% of the full concession for public services of water supply and sanitary sewage of the 16 municipalities in the state. After winning, the SPE was constituted, called

Concessionária de Saneamento do Amapá (CSA), and operations started definitely on July 13th, 2022, with a 35-year concession term. The acquisition marks Grupo Equatorial's entry into the basic sanitation sector.

CELG-D (Equatorial Goiás)

The main news for 2022 for Equatorial Energia was the acquisition, completed on December 29, of 282,965,232 common shares of Celg Distribuição (CELG - D) from Enel Brasil. Equatorial became the holder of 99.96% of the voting capital of Celg-D, expanding its operations in the energy distribution segment, now to the midwest.

Ethics and Integrity

GRI 2-23, 2-24, 3-3

Equatorial Group Energia is fully committed to maintaining high standards of ethics, integrity and quality in the delivery of products and services to customers. The goal is to generate value for the business and minimize economic, social and environmental risks from the activities carried out.

Rigor with the ethical conduct of employees is a premise of the Group and is explicit in the Code of Conduct, applicable to all Equatorial companies. The document plays an important role, as it makes clear the set of principles on which the Group's programs, policies and decisions are based, in addition to guiding relationships with all of the company's stakeholders. The Code also establishes norms for the performance of all employees, highlighting principles and values that must be followed, defining ethical procedures for management policies, conflict of interests and anti-corruption, as well as giving special attention to the pillars of ethics and transparency in business.

To ensure an ethical and compliant attitude, the Group has implemented a training agenda in the acquired

companies, to equalize doubts about Equatorial's procedures and procedures. Training is offered on the internal platform for course Universidade Saber) updates and is supported by the Audit and Risk teams. Every two years, employees participate directly in revising the document.

To face possible real negative impacts, including actions to anticipate or cooperate in their remediation, the Group has incorporated compliance considerations in the policy validation flow and in the Company's Crisis Manual, passed on to senior management in the form of training in December from 2022. Equatorial also structured an environmental compliance flow and a follow-up routine with top management, a process specifically linked to the environmental compliance of the assets under licensing. Compliance aspects are also considered in the management of real and potential positive impacts: the Company reports to the Board of Directors, the Audit Committee and the Board of Directors, in addition to monthly rendering of accounts at Results Meetings, to follow up on the established goals and make possible route adjustments.

It is worth noting that service providers follow the same rules and precepts disseminated to internal employees of the Equatorial Group. In 2022, the Group also began building the Code of Ethics for Service Providers, which determines the rules for Equatorial's supply chain.

The concern with ethical and legal compliance applies to the entire business chain, with a clear stance of repudiating all forms of corruption, kickbacks, bribery, money laundering and other conduct contrary to the law and the principles of good corporate governance. In this sense, the company also demands that its suppliers of goods and services adopt integrity and adherence to the same principles.

Relationship Channels

GRI 2-26

Equatorial provides its own communication channels not only to inform third-party employees about the potential impacts of their activities, but also, mainly, to receive compliments, doubts, reports, suggestions and complaints. The **Fala Partner Portal** is exclusive to suppliers, while the Confidential Channel bridges the clients and the energy distributors.

Confidential Channel

Grupo Equatorial has an independent complaints channel, operated by a specialized third-party company, which guarantees the anonymity and secrecy of information. Complaints can be made seven days a week, 24 hours a day, by email, on the number 0800 721 0730 or on the website. The channel is available to employees and service providers of the Equatorial Group, being disclosed in communication actions with employees and third parties, as well as on the Group's own intranet.

It should be noted that the management of complaints is carried out by the Corporate Management of Audit, Risks and Internal Controls, which has followed the call since its inception. When filing a complaint, a protocol number is generated for the claimant, who can then follow up on the

complaint through the Confidential Channel or by telephone. It is the duty of the Audit team to disclose information about the progress of the process, as well as the response at the end of the investigation.

In 2022, 372 complaints were registered, of which 72% were qualified for investigation. Of the complaints received, 30.6% related to interpersonal relationships (such as deviant behavior and abusive practices, for example), followed by 12.9% related to non-compliance with policies and rules, 34.9% related to doubts, criticisms and suggestions and 21.5% about bad intentions and illicit acts (such as violation of laws and conflict of interests). The average time for investigating complaints remained at 22 days, about three monthly records for every 1000 employees.



Access the **Fala Parceiro Portal** by clicking here.

 **372**
registered complaints

 **72.0%**
of complaints qualified for investigation

 **28.0%**
of unfounded complaints

 **93.6%**
of complaints made via website

Fight against Corruption

GRI 2-23, 205-1, 205-2

Equatorial Energia's Integrity Program reinforces the set of anti-corruption measures adopted to detect and remedy deviations, irregularities, and illegal and harmful acts to ensure smooth-running operations under current legislation.

The Anti-Corruption Policy establishes, in several provisions, the obligation to carry out due diligence, to guarantee the responsible business conduct of both the Equatorial Group and its partners.

The document was made available to 100% of the company's employees and members of governance bodies, with all of these audiences undergoing training in 2022. It is important to emphasize, still in the universe of the theme, that the company's assets consider in their respective risk matrices related to corruption.

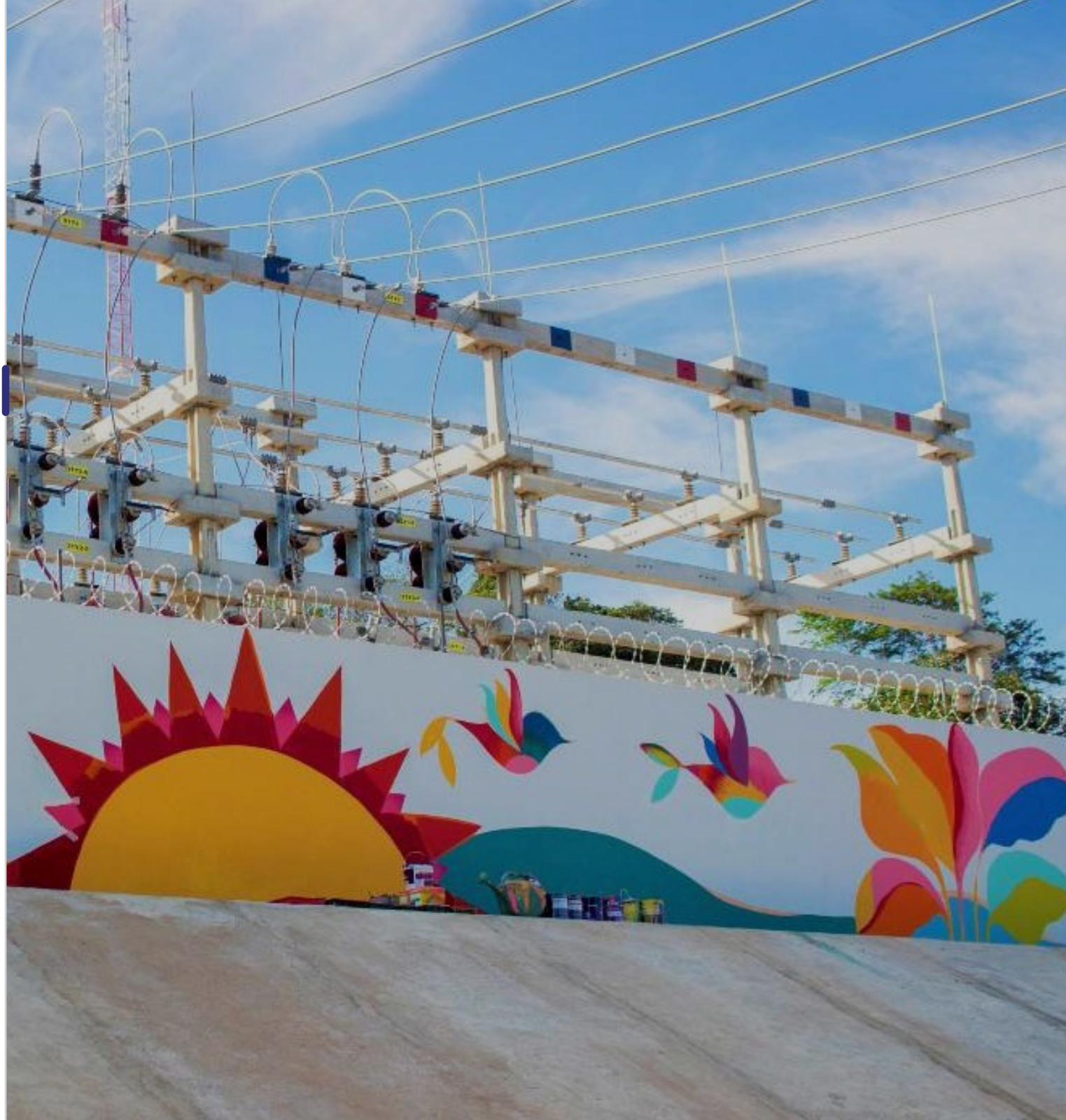


In 2022

There were no records of cases related to corruption in the company's reporting channels.

In 2022, the following actions related to the Integrity Program were carried out:

- Integrity Week: an event that lasted five days and involved the participation and training of different areas of the company, totaling 1,738 adhesions;
- Training of new leaders, aimed at new admissions, where it was possible to explore the basic precepts of the Integrity Program, guaranteeing the adherence of the professional posture to the ethical conduct of the Group;
- Improvement of the anti-corruption commitment clause, so that suppliers commit to the ethical determinations of compliance and anti-corruption legislation before starting their work in the company.



Privacy Program

GRI 2-23

The main focus of the Equatorial Energia Group's Privacy Program complies with the General Data Protection Law (LGPD). Data privacy governance for users of Equatorial's interactive services has been constantly worked on, and therefore, any information that users transmit is collected, stored and handled as per the security and confidentiality standards required by the LGPD. In addition, all new employees hired must sign the Secrecy and Confidentiality Term, and access to the information collected is restricted to authorized employees. Anyone who misuses data is subject to the penalties of Equatorial Energia's disciplinary process.

It is worth remembering that compliance and LGPD are two topics addressed in courses distributed by Universidade Corporativa Saber ([learn more in page 75 Training and Development](#)).

Risk Management

GRI 3-3

The Equatorial Energia Group understands that risk management is an integral part of its activity, being responsible for reducing the chances of risks that may give rise to care, especially those related to the preservation of the physical integrity of people, but also of its facilities and the Desktop. Currently, these risks are divided into Strategic, Financial, Compliance, Operational and, finally, Cyber and Technology.

In addition to the water crisis, which is an external factor, the main internal factors that can trigger risks for distribution assets are lack of energy, quality of supply, losses and defaults. For this reason, Equatorial is always seeking to apply constant improvements to its operations, aware that consumers need to feel secure in relation to the guarantee of energy supply, processes that impact the company's image in the eyes of customers and society. Risk management is

carried out by the Audit, Risks and Internal Controls area, whose function is to assess and monitor risk exposures, making monthly reports of the results to Equatorial's Board of Directors. The process is conducted by the homonymous management, which develops continuous actions to ensure the effectiveness of the control mechanisms of all mapped risks.

Management regularly performs preventive and corrective work, with regular reporting to the Statutory Audit Committee (CAE) and the Board of Directors. The CAE, in turn, oversees the development and performance of all instituted controls. This body supports the Board of Directors, approves the Company's Risk Appetite proposal and analyzes the structure and risk matrix of the Equatorial Group.



Security Risks

The Health and Safety Committee is the corporate body responsible for ensuring compliance with legal requirements, ensuring efficiency in the management of health and safety actions, and promoting accident prevention and health promotion.

In 2022, the Committee held 72 monthly meetings, 12 of which in each of the states of Pará, Maranhão, Piauí, Alagoas, Rio Grande do Sul and Amapá. The meetings were attended by the areas of People and Management, Legal, Engineering, Occupational Safety, Superintendencies, Boards and Presidencies of the distributors.

Recommendations are drawn from the meetings and forwarded to the areas and respective responsible

parties. These present the schedule for assistance, based on the Action Plans that must be prepared. All actions are planned, executed, evaluated and, based on the results obtained, the detected anomalies are treated, thus providing feedback to the entire process, until the committee's recommendation is fully complied with.

Upon completion, the recommendations become the subject of internal disclosure, in the form of Good Workplace Safety Practices, and are shared with all Group companies and their suppliers. The process must result in continuous actions to ensure the effectiveness of the control mechanisms for all mapped risks.

Operational Risks

Progress in managing these risks is represented by the Annual Risk Plan, Approved by the Board of Directors, through the Statutory Audit Committee (CAE). This plan details the projects, improvements and risk assessment procedures that will be carried out in the year and monitored regularly.

In 2022, the Risk area had two specific goals: 70% coverage of critical risks and 80% compliance with the set tolerance limits (or if, at least, a specific action plan was made to mitigate unwanted events). Goal results are calculated monthly and presented at follow-up meetings. If necessary, corrective actions are established. General risk assessments were carried out at four distribution companies, at EQTL Transmissão and at CSA, identifying and monitoring 108 indicators.

Risk Categories

The company's Risk Management Policy was approved in April 2022, to establish guidelines to ensure the best Corporate Risk Management practices related to the identification, assessment, monitoring and reporting of risks that may affect the strategic objectives of the Equatorial Group..

The Group's accelerated growth also brought a concern with crisis management. Internally, the subject was treated with great relevance given the arrival of many assets in the company in the last two years. In this sense, a journey of preparation for crisis management was also initiated during this period, based on a process of risk mapping, also passing through the production of a manual for the uniformity and standardization of the management of critical intra-company matters.

The action brought with it internal training and the first face-to-face crisis simulation, which took place with the help of an external consultancy. Senior management was able to simulate sensitive governance, ethics and compliance situations, and the mapping of the risks involved was validated by the CEO and the Board of Directors. The meeting generated a first version of the Crisis Manual, which

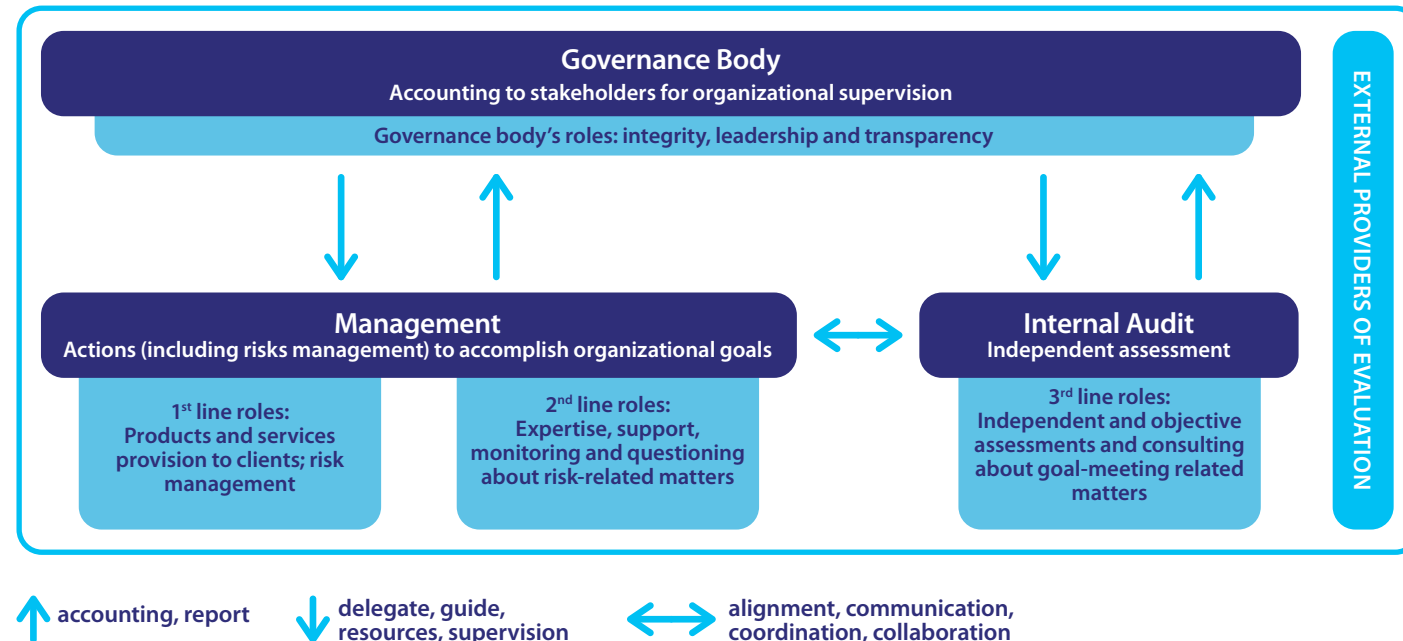
will be improved in the next fiscal year, already considering the contributions collected at the event, which took place in December 2022.

Also in the period, the company started to update its risk matrix, seeking to include among the risk categories those related to governance and ESG, including mapping regulatory changes to anticipate actions that reduce exposure to losses and losses, in

addition to ensure best practices. The work, carried out by the Corporate Management of Audit, Risks and Internal Controls, will be completed in the next fiscal year.

The management areas are the first line of defense against risks and must establish measures to prevent and mitigate the negative impacts of risks related to each process.

The Three-lines Model from the IIA





Institutional Policies

GRI 2-24

Equatorial Energia unconditionally respects human rights. Joining the UN Global Compact shows the company's commitment to engaging with other global players to achieve the 2030 agenda, continuously contributing to the achievement of the Sustainable Development Goals (SDGs). In all its activities and commercial relationships, the company ensures that people at all hierarchical levels act with responsibility, awareness and respect for fundamental human rights.

Examples of different levels within the company include the highest governance body, senior executives and operating levels. The most senior level has responsibility for implementing and overseeing policy commitments.

The External Communication, Marketing and Sustainability Management oversees the company's public image. In 2022, 69% of the manifestations of admiration related to Equatorial Energia's reputation.

To reinforce this legacy, the area develops proximity actions with the public, such as the Giro Equatorial Legal Edition, in Piauí, besides inauguration events, when acquiring new companies. In the year, the Giro Equatorial Edition Sul do Piauí was held, a pioneering action with the presence of the press and members of the Judiciary in the region, and the 1st Crisis Simulation, an event that brought together the Group's top management in person.

ESG Management

For Equatorial Group this was a year of development of its ESG governance. A series of actions to make the practice more robust were carried out under the responsibility of the Internal ESG Committee, composed of several areas of the company and the People, Governance and Sustainability Committee, with a representative from the Board of Directors

An ESG management was created, responsible for ESG reporting and, together with the working groups that make up the ESG Committee, identifies market demands and discusses improvement actions with the areas, participates in specific ESG discussions within the scope of the group's strategic planning, as well as meeting the reporting demands of different stakeholders.

The ESG committee encouraged and promoted greater involvement of the

various sectors of the company in sustainability issues, and the employees were included in the discussions, aligning the strategic dimension with the operational one. The management of the organization's impacts environment and people is delegated to all areas of the areas of the company and is monitored by the respective managers, including through the establishment of goals linked to the Company's profit sharing. company's profits. The management done by the areas is reported, mainly, to the Advisory Advisory Committees and to the Board of Board of Directors, whose frequency of meetings is defined in their respective Internal Regulations, are also allowed. extraordinary meetings. As for the governance pillar, the year was marked by the approval of policies and norms for adaptation to the to the Novo Mercado requirements.

As part of the communication of the ESG journey within the Group, in 2022 the site was launched “For the future every day”, to disseminate the ESG culture at Equatorial, encouraging to encourage everyone’s participation and disseminate and disseminate the actions of Plataforma E+.



The ESG Committee was born in 2021, and is subdivided into six Working Groups ("WGs"):

People

Devoted to the approval and dissemination of the Diversity and Inclusion Policy, as well as the application of the diversity census, which collected data from the profile of the Equatorial Group, to understand important data, such as the percentage of women in the company and in leadership positions, presence of minority groups and other indicators of people (see more in Diversity).

Sustainability Communication and Reporting

Focused on ESG ratings, the WG invested specifically in the Refinitiv rating, which assesses the performance, commitment and effectiveness of a company's ESG indicators. In it, the company obtained 59 points as a final score, having started the cycle with 17, which indicated a low level of transparency and reporting.

Community

Stands out for its relationship with the community and for managing sponsorships, incentive laws and resources for social projects. In 2022, he dedicated himself to making the Equatorial Institute of Technology viable, one of the company's main bets for 2023.

Environment

Its main missions were the application of the GHG Inventory, the first carried out by the Group, and the application for the CDP Climate Survey. The WG also discussed and approved important policies (Environmental, Water Resources and Vast Waste Management), besides carrying out the diagnosis for structuring the Environmental Management System to seek subsequent certification in ISO 14001.

Governance and Compliance

Its purpose was not only to adapt to the internal rules of the Novo Mercado, creating policies and promoting internal rearrangements, but also to work on indicators to meet the group demands

Suppliers

A Supplier Management, like the legal area, underwent internal reformulations, to bring more robustness to its procedures, adapting anchor contract clauses to social and environmental aspects, in a work much closer to service providers. The Management and Safety Project worked hard alongside this Management, to make the first group of women electricians possible, with the involvement of the Safety Management area.

Committee meets monthly and counts on the participation of the president. Each year, the company reviews the formation and composition of the working groups to assist the Internal ESG Committee in the priorities established for the year.

The guidelines debated in the WGs and discussed in the ESG Committee are taken to the Governance, People and Sustainability Committee, which has the participation of three directors, and then transmitted to the Board of Directors, to endorse or not such issues.

Materials Topics

GRI 2-25, 3-1, 3-2

Equatorial Energia's materiality portrays the most relevant topics for its business model in the segment and external scenario.

The description of the topics results from studies of the markets in which the company operates. Equatorial Energia carried out a complete materiality study in 2022, with benchmarking of material topics from peers, besides the analysis of internal company documents and segmental documents, such as ratings and ESG standards.

From this initial study, a list of relevant themes for the sector was drawn up and discussed with stakeholders through interviews. Experts and key stakeholders were interviewed, and then the list of issues was tested in a prioritization step through an online stakeholder survey.

A total of 357 people belonging to the groups of customers, employees, shareholders, and investors community and third sector, municipal or state government, suppliers, and board of directors

The selected themes were submitted to a weighting methodology applied to the responses of each participating group. The result was consolidated together with the analysis of real impacts, positive and negative, of the themes identified on the economy, environment and people. The analysis of the internal risk documents allowed classifying the topics according to their nature and weighing their relative impacts, the list being shared for the knowledge of the entire Board.

New material topics were incorporated into this report to ensure more consistent and relevant content

for stakeholders. They are: "Diversity and Equal Opportunities", "Climate Strategy", "Opportunities in Renewable Energy", "Risk Management", "Infrastructure and Network Reliability", "Materials and Waste Management", "Customer Relationship and Satisfaction" and "Access to Electricity and Universalization of Basic Sanitation".

The material themes "Decrease of Greenhouse Gas Emissions", "Community Development", "Quality of Services" and "Respect for Brazilian Legislation", reported in the previous year, were incorporated, respectively, into the following themes for 2022: "Climate Strategy", "Local Communities and Social Investment", "Customer Relationship and Satisfaction" And "Human and Labor Rights".

ESTUDO DE IMPACTO



Click on the icons of
each material theme
to learn more

Governance, People and Sustainability Committee

The creation of the People, Governance and Sustainability Committee as an advisory body to the Board of Directors, it was an important step towards deepening the discussion of material issues by senior management. The Committee has members of the Board of Directors and is responsible for monitoring and endorsing the development of the ESG agenda, based on the company's Sustainability Policy in its three pillars and purposes, also embodied in the Group's ESG pillars.

GENERATES – Positive impact on the environment

Decarbonizing operations;

- Maximize energy efficiency;
- Promoting a cleaner energy matrix, through business potential and cleaner operations.

Be efficient in the management of natural resources:

- Reduce air pollutants and use water efficiently in business operations;
- Carry out proper waste management and promote the circular economy;
- Eliminate losses in all company procedures.

Restoring ecosystems:

- Protect and regenerate biodiversity in the company's value chain.

TRANSMITS – Values that promote life

Take good care of employees:

- Ensuring full health and total safety for employees;
- Develop employees, enhancing their skills for work;
- Valuing diversity, inclusion and non-discrimination in people management.

Taking good care of communities:

- Promote the development of the surroundings, valuing traditional communities.

Take good care of suppliers:

- Ensuring a culture of safety, compliance with human rights and respect for the environment throughout the supply chain.

Take good care of customers:

- Promote energy accessibility and engagement for energy efficiency;
- Contribute to customer safety and ensure data privacy of services provided.

DISTRIBUTES – Fair outcomes for all parties

Promoting innovation and digitalizing the business;

- Encourage solutions and new technologies aimed at renewables, grid resilience, operational efficiency and adaptation of the business model.

Ensuring integrity relationships and business compliance:

- Establish relationships that ratify ethical conduct and the fight against corruption and promote knowledge and a good reputation for the business.

Strengthen corporate governance and transparency in ESG:

- Acting with robust corporate governance based on the best market practices, including the institutionalization of procedures and the social and environmental agenda in decision-making, in the assessment of corporate risks and business opportunities;
- Ensure periodic accountability in ESG focused on employees, customers and the capital market.

Sustainability Policy

It is important to mention the recently created Sustainability Policy, whose purpose is to ratify the Group's commitment to sustainable development and generate a positive impact on the environment, the market and people, transmitting values that promote life and distributing, in equally, fair outcomes for all stakeholders. The policy dictates the strategic guidelines for sustainability and its management aimed at generating shared value.

The pillars of the Group's ESG activities follow its Sustainability Policy, which, in turn, is connected to the three selected SDGs (4, 7 and 13) as they are strongly related to the way Equatorial Energia wants to act and be seen by the market:



At the corporate level, the Corporate Management for Expansion Planning, Works and the Environment is responsible for managing environmental procedures. It is responsible for defining the standard of internal norms, as well as working on adapting the Environmental Management System (EMS) to the international standard ISO 14001. The area's procedures are managed by the EMS, whose targets are reviewed and improved every year.

In 2022, the environment area intensified strategic actions for fulfilling the company's ESG agenda.



UN Global Compact

The Sustainability Policy is connected to the ten principles of the United Nations (UN) Global Compact, summarized in the following key themes:

- promotion of decent and fair labor relations;
- respect for human rights and the environment;
- fighting corruption in all business procedures.

As a signatory to the Pact, the company prioritized three Sustainable Development Goals (SDGs) as they are considered strategic for its operations:



Education and Entrepreneurship – The company seeks to encourage the development of skills in the communities where it operates, understanding that entrepreneurial activity and a focus on education are key elements for valuing historically invisible social groups.

Governance – Relevant not only from the point of view of transparency in internal procedures, but Equatorial Group also sees governance aspects as being essentials, and robustness in the decision-making process, but Equatorial Group also sees governance aspects as being essential for a Corporation with almost 100% free float.

Safety – Knowing how to use electricity is as important as the benefits generated by it. In this sense, Equatorial Group understands that there is no way to supply energy without ensuring the life and safety of those who are part of its business universe. It is with life as the driving force behind the business that the company seeks to establish a healthy and trusting relationship with neighboring communities and also with its employees.

Diversity and Inclusion – A topic of profound relevance as it brings different perspectives and experiences that, in the end, help the company build a broad, plural and vast human capital. Today, the Group understands diversity and inclusion as guiding principles for value creation, working them mainly in its entry programs (young apprentice, internship, trainee) and vacancies for PWDs.

Climate Change – In tune with the movements of the global market, the company prepared its first Greenhouse Gas Emissions Inventory, and is in the process of approving its Climate Positioning Plan Fair Climate Positioning Plan for understanding the importance of companies' actions in the fight against global warming.

Innovation – In line with the guidelines of the Sustainability Policy, the company seeks to encourage solutions and new technologies focused on renewables, network resilience, operational efficiency and process optimization, to create a competitive advantage in the segment.



ESG Communication

The Pelo Futuro Todo Dia website gives visibility to the topic in the way it is practiced at Equatorial Energia. Strategic ESG and sustainability actions are disclosed on this page, as well as the main policies related to the topic.

In the year, the company developed its first campaign focused on ESG and obtained a very favorable recall, with 77% approval.

Additionally, the Investor Relations website also makes the company's Sustainability Report available in its repository every year, as well as other relevant documents in the Bylaws, Codes and Policies.



To access the site Pelo Futuro Todo Dia, [click here](#).

4

ENVIRONMENT

Environmental Management **51**



Environmental Management

GRI 3-3

Throughout 2022, Environmental actions focused on the i of the area, the institutionalization of policies and practices and the survey of environmental aspects and impacts necessary for adapting the Group's Environmental Management System (EMS) to ISO requirements 14001. One of the most relevant actions was the definition of the main structure of the EMS, which brought a more effective management model of norms and environmental standards, besides the validation of several policies in the area.

The actions developed in the year were added to the climate guidelines that were also addressed, very much in line with the company's ESG journey and the management of the regularity of environmental

licensing. The latter was one of the main demands in the area in the year, with Maranhão and Pará being the distributors with the greatest weight. The area approved, in the year, 2,835 works, through 1,276 licensing procedures.

With an eye on ESG issues, the company increased the pace of its journey by conducting other initiatives aimed at climate planning, led by the execution of its first Greenhouse Gas (GHG) Emissions Inventory, considering scopes 1, 2 and 3. scopes 1, 2 and 3 for the year 2021, this inventory published in 2022. It was also the year that the company answered, for the first time, the CDP Climate Change Questionnaire, obtaining a C grade. **(see more on the subject in Emissions, page 61).**

In the facilities area that a pilot project was developed to replace the fuel in the company's fleet of administrative vehicles, to minimize GHG emissions due to the burning of fossil fuels. The cars used were sticky, so that the driver was reminded to only fill up with ethanol. Transactions with other fuel were blocked by the card administrator. The expectation is that the project will be incorporated into the Group's climate positioning plan, still in internal discussions.

Responsibility and Risks

The company understands that preserving the variety of fauna and flora present in the places where it operates is also part of its responsibility. Present nationwide, Equatorial Energia operates in the most diverse, rich and sensitive biomes in Brazil, ranging from the Amazon biome to the cerrado, as well as from the Atlantic forest and coast to the caatinga.

Before the implementation of new undertakings, Equatorial relies on a specialized company to assess the impacts of the implementation and operation of its projects, including risks to biodiversity. The main impacts are usually related to the opening of right-of-way and access to construction works for power distribution and transmission lines and networks. Although there is a change in the landscape, the interference radius only reaches the

linear safety range, for the mobility of the operation and/or maintenance teams, with no loss of native habitats. Maintenance services, in turn, originate risks in the lane cleaning phase.

In 2022, the company's Environmental Policy was approved, which defines the commitment to biodiversity conservation and preservation actions. Actions aimed at managing and protecting biodiversity will be defined based on this policy and will be monitored by specific indicators, which will also make it possible to monitor and measure the impacts inherent to the theme.

Equatorial has also developed several environmental education actions with communities neighboring the developments (**see details in Communities, page 105**).





2,610 licenses

environmental licenses
licenses issued for
new construction and
renewals of licenses of
enterprises in operation.

775

We have licensing
licensing in about
775 municipalities
municipalities in the
states of Maranhão,
Pará Piauí, Alagoas,
Amapá and Rio Grande
do Sul.

Environmental Licensing

GRI 2-27

At Equatorial Energia, environmental licensing is carried out for all new ventures, for which specific environmental studies are prepared. It is important to mention that all company units are licensed or have licensing processes underway, and the Group is aware that its operations are subject to various federal, state, and municipal laws and regulations and requirements related to health and environmental protection.

In 2022, 2,669 license application procedures were filed, covering around 775 municipalities in the states of Maranhão, Pará, Piauí, Alagoas, Amapá and Rio Grande do Sul. In the same year, 2,610 environmental licenses were issued for new works and license renewals for

undertakings in operation for these distributors. To ensure compliance with environmental requirements, a licensing monitoring schedule is being drawn up, which shows the investments needed to regularize structures, besides hiring software to manage documents and environmental requirements.

As for non-compliance with regulatory requirements, significant cases are established using a criticality matrix, which includes the impacts that non-compliance has on the environment and on the company's image, also considering the financial impact. In 2022, 30 notifications were received from external bodies in the total amount of R\$ 6,116,370.5.



Energy

GRI 302-1, GRI G4 EU28, EU29

Electricity consumption is monitored in all of the company's buildings, which monitors electricity consumption indicators and educates its workforce, with saving tips, to have an energy-responsible attitude.

Energy Consumption within the Organization (GJ)

	2020	2021	2022	Δ 2022/2021
Non-Renewable Fuels	46,210.2	37,787.8	88,409.4	136.9%
Gasoline (automotive)	689.9	666.5	1,178.3	76.7%
Diesel oil	45,520.3	37,121.3	87,231.1	135.0%
Renewable Fuels	86.7	72.7	128.1	76.2%
Hydrous ethanol	86.7	72.7	128.1	76.2%
Total Energy Consumption	46,296.9	37,860.5	88,537.4	133.8%¹

¹The increase in fuel consumption was due to the entry of AP, RS and CSA distributors.

Use of Renewable Energy

GRI 3-3

With great potential to accelerate growth and value creation, the integration of Echoenergia reflects the way in which Equatorial decided to look at the future of the energy market. By making its entry into the renewable sources segment, especially wind power, the year 2022 was decisive for the company to position itself for the opening of the free market for the High Voltage segment..

Echoenergia is one of the lone of the biggest platformss in Brazil. The operational wind assets contracted in Bahia, Pernambuco, Rio Grande do Norte and Ceará add up to 1.2 GW. This portfolio contains high-quality assets with robust historical performance and strong operating cash


and, together with the 1.2 GW pipeline, has significant strategic options that enhance long-term returns.

Echoenergia, aware of its social and environmental responsibility, bases its work on consistently meeting the needs of its customers, since the guiding guidelines are described in the Quality, Health, Safety and Environment Policy. The performance of the organization's management system is evaluated periodically using indicators that are monitored and reported to specific committees.

In case of identification of points for improvement or negative impacts, action plans are defined, which

are passed on to the leadership. To monitor the implementation of actions, social and environmental diagnoses are carried out by a third party and audits are carried out, besides the implementation of Community Relationship Centers in each wind farm.

Faced with the perspective of opening the free market to minor tensions from 2024 onwards, Equatorial monitors the efforts of industry associations with the Ministry of Mines and Energy, to guarantee rules so that the migration of customers does not bring negative consequences for the distributors.

96% 

Technical
availability



15 years

Weighted average
of PPA contracts



Energy Efficiency Projects

Over a 1,000 actions were developed in 2022 under the Energy Efficiency Program (PEE), of the National Electric Energy Agency (Aneel). The PEE aims to promote the efficient use of electricity in all segments of the economy and, for this, requires concessionaires and permit holders of public electricity distribution services to annually invest a percentage of their net revenue in research and development. (R&D) of the electricity segment, as provided for in Law 9991, of July 24, 2000.

Besides encouraging the development of new technologies, the initiatives promoted by the PEE seek to create habits and rational practices for using electricity. In 2022, Equatorial Energia invested over R\$ 26 million in the program.

E+ Energia do Bem

Through the E+ Energia do Bem program, the company was able to inaugurate interventions to improve the efficiency of the Santa Casa de Misericórdia building, in Maranhão, as well as at the Aldenora Bello Cancer Hospital. Interventions should reduce energy consumption by 25%, through the installation of the system and replacement of old equipment. The energy saved corresponds to supplying 10,000 low-income families in one year.

E+ Luzes na Cidade

The actions reached 27 municipalities with the substitution of more than 9,200 light fixtures. Highlight for the delivery of Stage 3 of the lighting of the Fortress of Macapá, with:

- 4** revitalized poles
- 14** poles installed
- 74** light fixtures installed

The initiatives resulted in the distribution of:

1,136.2 kWp
23 inverters

13,203 lamps
30 kWp on battery systems

The Waste Management Policy, published in 2022, aims to ratify the organization's commitment to sustainable development through strategic sustainability guidelines, to guide the treatment of environmental issues related to waste management in the companies of the Equatorial Group Energy, and being in line with the National Policy on Vast Waste and Sustainability.

deploying the guidelines provided for in the Waste Management Policy (**see details in Energy, Energy Efficiency Programs, page 56**).

It is also worth noting the waste generated by pruning, also produced in the Company's operations, which are crushed and, in some states, donated to be used in composting processes.

Waste

GRI 3-3, 301-1, 306-1, 306-2

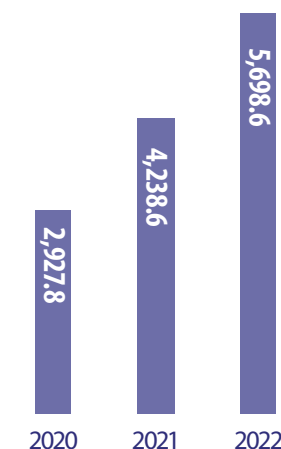
Regarding waste management, the company has a structured process, including inventory and classification of waste, selective collection, packaging, storage, destination for reuse, reuse or recycling and final disposal in accordance with environmental standards. The main waste produced by Equatorial is mineral oil, meters, wood, cables, wires and all those arising from the generation, transmission and distribution of electricity.

Insulating mineral oil, a hazardous waste generated during operations, receives extra care. The substance is collected by companies accredited and licensed by the National Agency of Petroleum, Natural Gas and Biofuels (ANP), which promotes the correct disposal of this oil under the rules established by Law 12305,

addressing the National Solid Waste Policy. The waste considered non-hazardous with the highest generation volume is the electrical system materials, such as leftover wires and cables, equipment and hardware, sold to processing and recycling companies with environmental licensing. They ensure proper disposal and issue the Certificate of Final Disposal (CDF), a document proving that the technology used in the waste disposal complies with environmental standards, causing no impact on the environment.

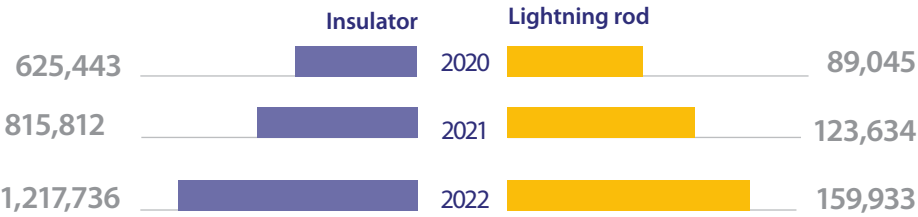
The Sustainability Information System (SIS) is in the process of being implemented, which will help control the management of waste generated. In 2023, the purposes are to intensify the systematization of data and seek effectiveness in the implemented actions,

Waste generated | tons



Non-renewable materials

| in un.



Renewable materials

Materials	Measure	2020	2021	2022
Uninsulated cable	kg	4,387,732	4,885,117	6,701,630
Covered cable	meter	22,273,594	28,688,938	38,700,431
Transformers	un	67,922	58,642	61,368
Meter	un	656,248	770,697	1,329,553
Hardware	un	3,821,713	4,530,604	6,473,274
Concrete	un	299,317	344,188	588,797

E+ Reciclagem

The E+ Program is part of Equatorial's Energy Efficiency Program and aims to exchange recyclable materials for a discount on the energy bill. Besides promoting actions aimed at spreading the culture of selective collection and raising awareness about the preservation of the environment, it promotes the correct disposal of recyclable vast waste, preventing it from being discarded in the environment. Promoting employee engagement and awareness actions

regarding waste management through dialogues are also measures taken to prevent systemic negative impacts. In line with the effort to disseminate sustainability with the value of the Equatorial Group, the program allowed the collection of over 12 tons of waste. The materials were converted into R\$753,000 in bonuses that directly benefited over 6,500 customers.

the program allowed the collection of over 12 tons of waste. The materials were converted into R\$753,000 in bonuses that directly benefited over 6,500 customers



11,034.8 ton of waste for recycling



8,827.2 ton of recycled paper



854.6 ton of recycled metals



1,320.8 ton of recycled plastics



3.6 ton of recycled cooking oils



97 thousand trees stopped being cut down



36,305.3 ton of CO₂ captured



862 thousand m³ of water saved in the recycling process



11,034.8 ton of materials no longer going to waste, streets and rivers



91 educational actions and lectures on rational use and environmental and sustainability practices.



+R\$ 439 thousand in bonuses on customers' energy bills

Water Management

GRI 303-1, 303-3

At Equatorial Energia, water is consumed mainly in administrative activities for the consumption of employees. In general, the input is obtained from public urban supply networks.

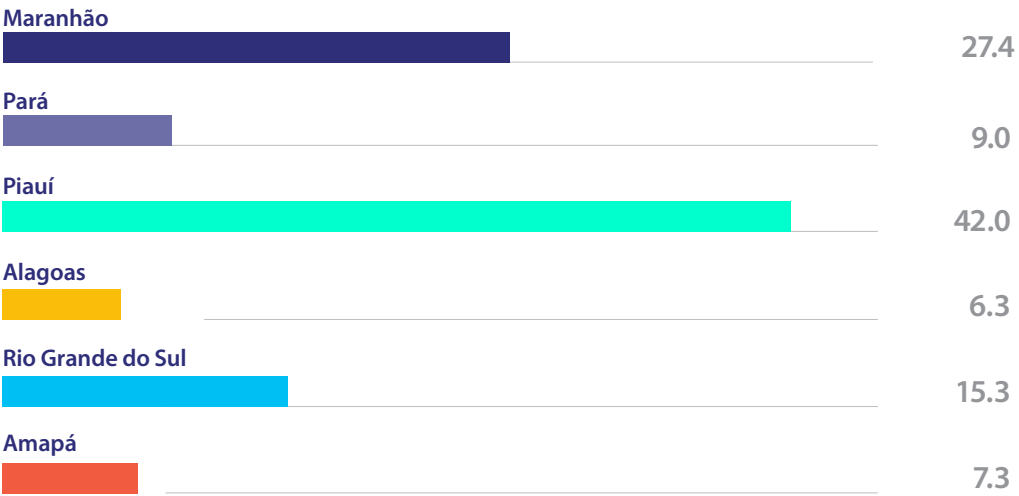
In Equatorial’s sanitation activities, the main risk lies in capturing enough water for public supply or the lack of provision of an adequate water and/or sewage network, especially in places farther from large centers. As a way of mitigating the risk of shortages, we have as a good practice the use of rainwater in substations.

The Water Resources Policy, approved in 2022, contributes to reducing water consumption and encourages the practice of sustainable use and collection methodologies, in line with the principles of the National Water Resources Policy.

Environmental education actions to save resources are carried out through internal communication in e-mails and educational campaigns and dialogues in the salons.

The company plans to deploy the policy over the next year, so that follow-up actions can be developed and performance standards created in line with market actions.

Collection by Water Source - Groundwater (fresh water)¹ | in ML



¹There is no water collection from another source

Emissions

GRI 305-1, 305-2, 305-3, SASB IF-EU-110a.1, SASB IF-EU-110a.3

Equatorial Energia believes that managing emissions generates value not only for its operations and shareholders and investors, but also for the community, society and the environment. It is worth considering that GHGs also contribute to the formation of more frequent and severe scenarios of water scarcity, threatening mainly energy generation and sanitation services.

The company has tried to study structured and effective measures to reduce its emissions. The process culminated, that year, with the conclusion of the Group's first Greenhouse Gas Emissions Inventory, prepared as per the GHG Protocol, covering scopes 1, 2 and 3.

When measuring scope 1, the company considered mobile sources, fugitive emissions (such as SF₆, for example), sanitary effluents and other fixed sources (such as LPG, natural gas and diesel from generator sets). In addition to the emissions in this scope, emissions resulting from changes in land use (vegetation suppression), essentially linked to electrical network interconnections in isolated systems. For scope 2, emissions related to the amount of energy

purchased from the network (own consumption) were measured, as well as technical losses in transmission and distribution. In scope 3, which includes emissions not controlled by the company, employee transport, waste disposal, air travel, non-technical losses and energy purchase (isolated systems) were considered.

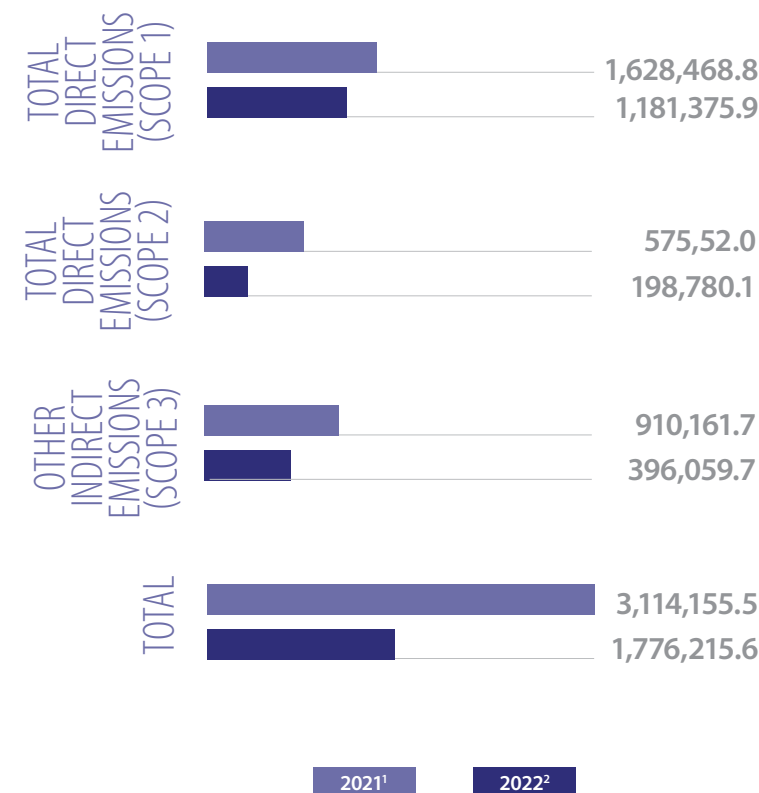
The Group, through its Environment area, is part of the Climate Action Platform, of the UN Global Compact Brazil Network, which mobilizes its members to incorporate the climate agenda into their organizational strategies.

Business Unit	Emissions in tCO ₂ e
Distribution	1,771,284.8
Sanitation	3,400.6
Other Services	786.3
Transmission	486.1
Renewable Generation	257.8
Total	1,776,215.6

Total Emissions Holding Equatorial Energia

| in tCO₂e

GRI 305-1, 305-2, 305-3, SASB IF-EU-110a.1



¹ Data do not consider Equatorial Rio Grande do Sul, Amapá and Goiás which were not Equatorial Energia's assets under management.

² After verifying the data, it was found that there was a mistake in the calculation related to the emission from the treatment of effluents, which generated a significant increase in these emissions. Thus, after recalculation, the number that reflects the Company's real emissions was reached.

Risks of climate change

GRI 3-3

Management aimed at reducing GHG emissions from Equatorial's operations seeks to support the fight against climate change, in particular the impact of water crises, which greatly influence energy quality, rainfall patterns and supply interruptions. Extreme weather phenomena cause major imbalances in the functioning of the electrical system, whether due to the lack of rainfall, which reduces the levels of water reservoirs and/or the functioning of hydroelectric plants, or due to storms, which can knock down transmission towers or impair wind production. The price of production and the tariff for the citizen is at the mercy of these situations.

The company pays close attention to weather conditions through its operations, permanently monitoring the operating conditions of its assets.

In 2022, the Group began discussions on its climate position with the publication of first greenhouse gas inventory, but has not yet made public yet to make public commitments on the agenda. Also in the next fiscal year, the Company include in its analysis the risks related to ESG, based on the review of the risk matrix.

The prevention process is currently based on Equatorial's Risk Management and is aligned with Enterprise Risk Management (COSO 2017), being

carried out in four stages, which include identifying risks in the macro environment and monitoring risks, a continuous process with the aim of monitoring and periodically updating the risk indicators together with the interested parties.

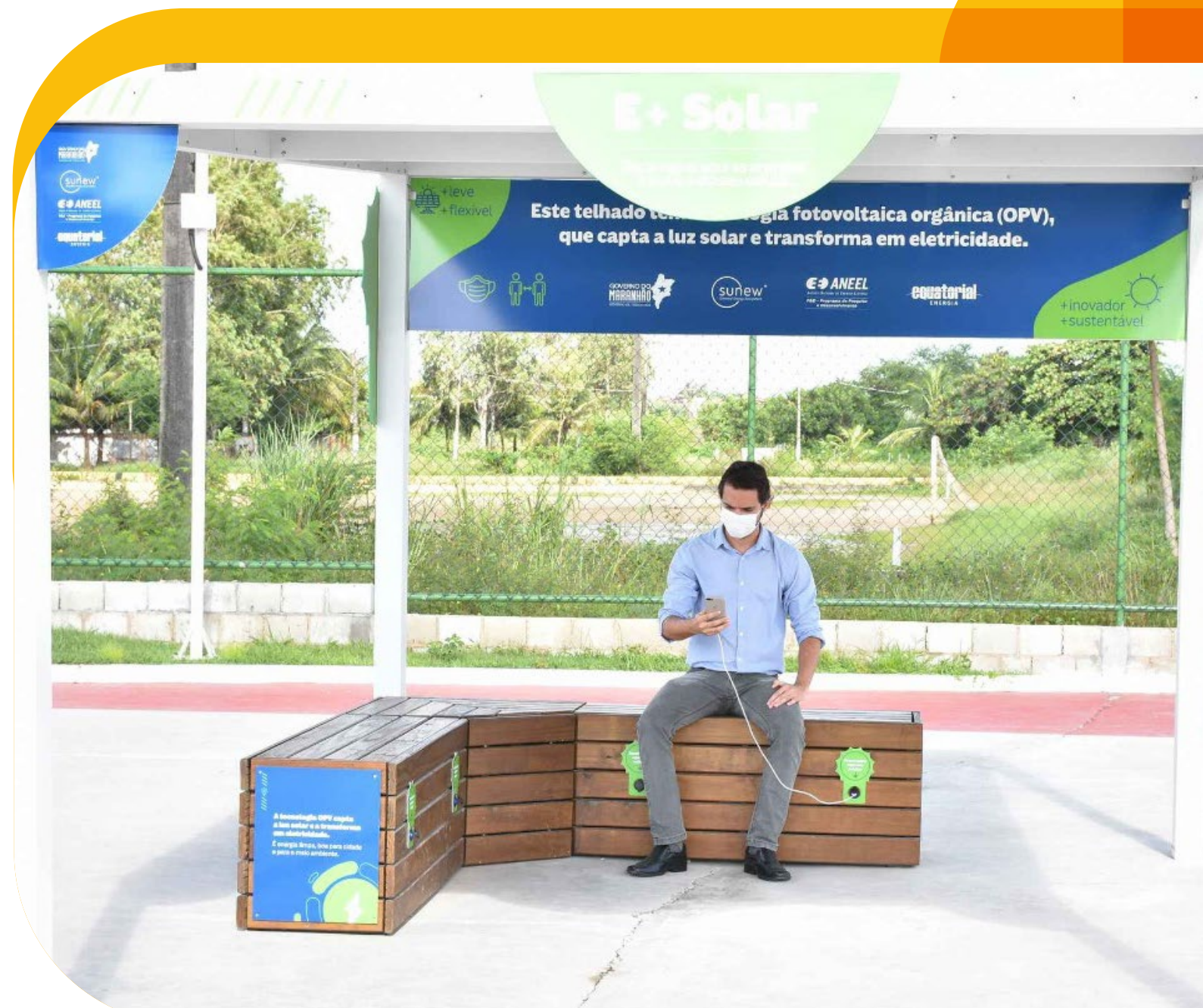
It is worth mentioning that the companies of the Equatorial Group have a Contingency Plan, whose actions provide for ways to mitigate the risks identified as extreme weather events (rain, wind) through the contingency measures necessary to guarantee the operation.

The company's ESG strategy in 2022 brought specific environmental goals, also shared with the presidency.

The companies of Grupo Equatorial have a Contingency Plan, whose actions foresee ways to mitigate the risks identified as extreme climate events.

Carbon Disclosure Project (CDP)

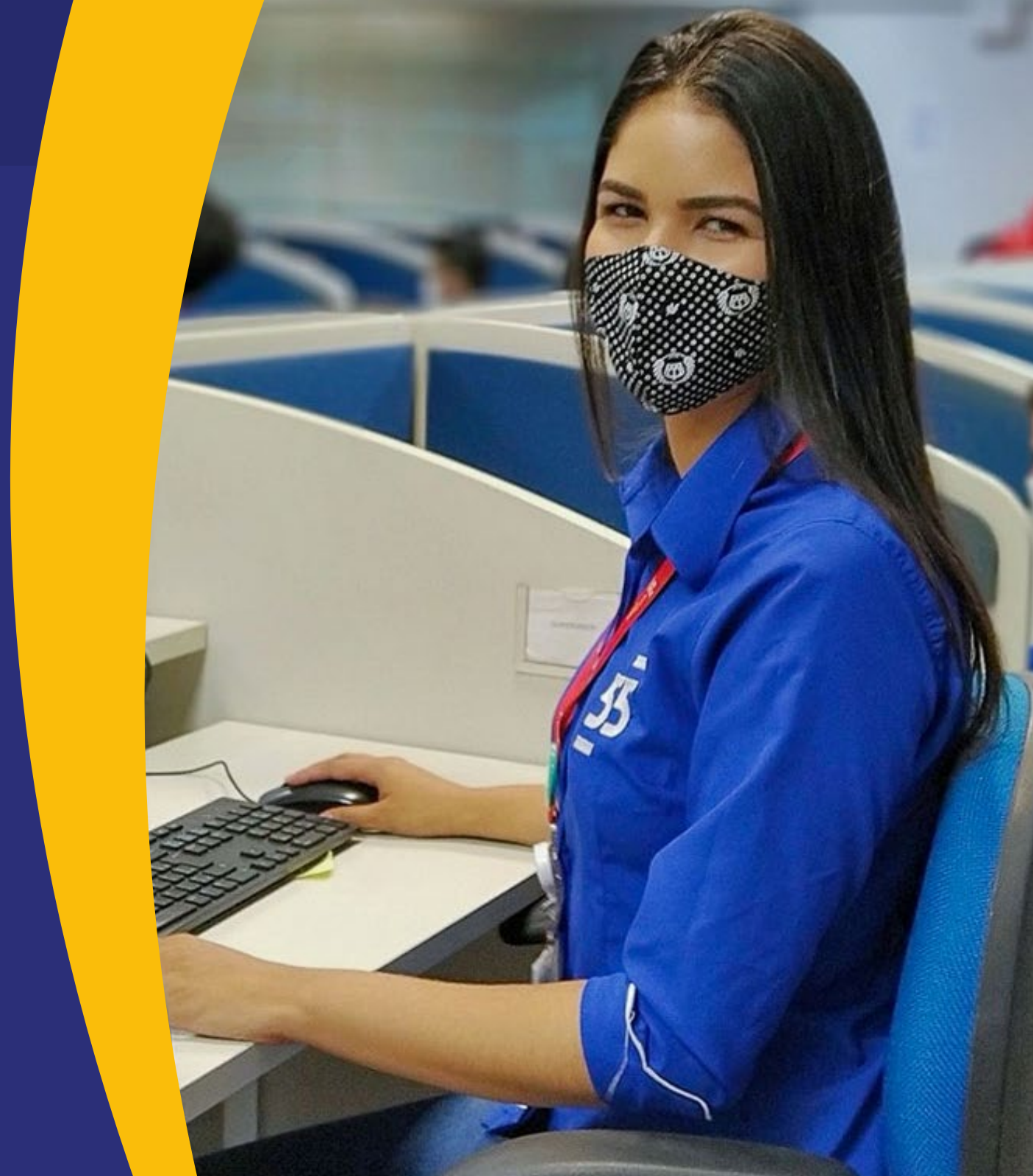
The company answered the questionnaire from the non-profit organization Carbon Disclosure Project (CDP) to assess the stage of its ESG journey in terms of climate change management. Throughout the process, it learned to communicate with the language imposed by the methodology, and, at the end of the application, the Group reached a grade of C, with the task of verifying the gaps in performance and the possibilities for improving performance in the next report. The questionnaire was answered in the first moment of disclosure, when the company had only published scopes 1 and 2 of its emissions inventory.



5

VALUE RELATIONSHIP

Employees	65
Suppliers	86
Customers	93
Community	105



Employees

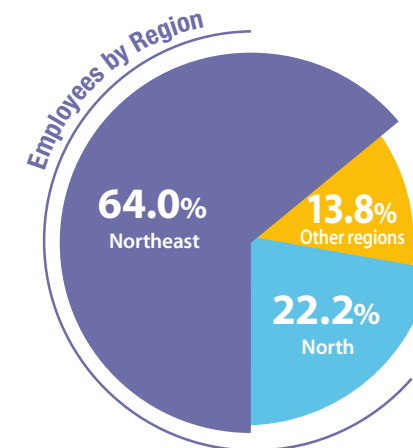
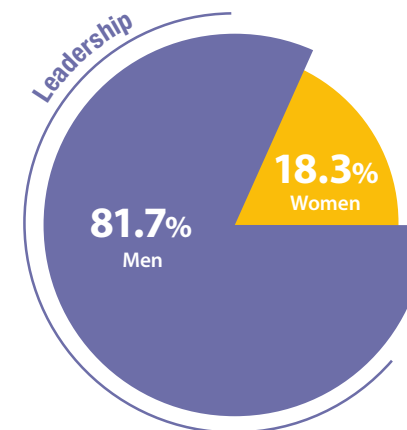
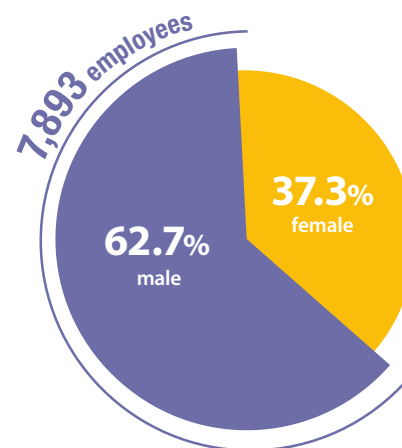
GRI 2-7, 2-8, 401-2

Equatorial Energia works to maintain a climate of permanent harmony among its employees. In all Group companies, the purpose is to support, stimulate and reinforce transparent relationships based on trust and dialogue genuine, true and lasting relationships between people.

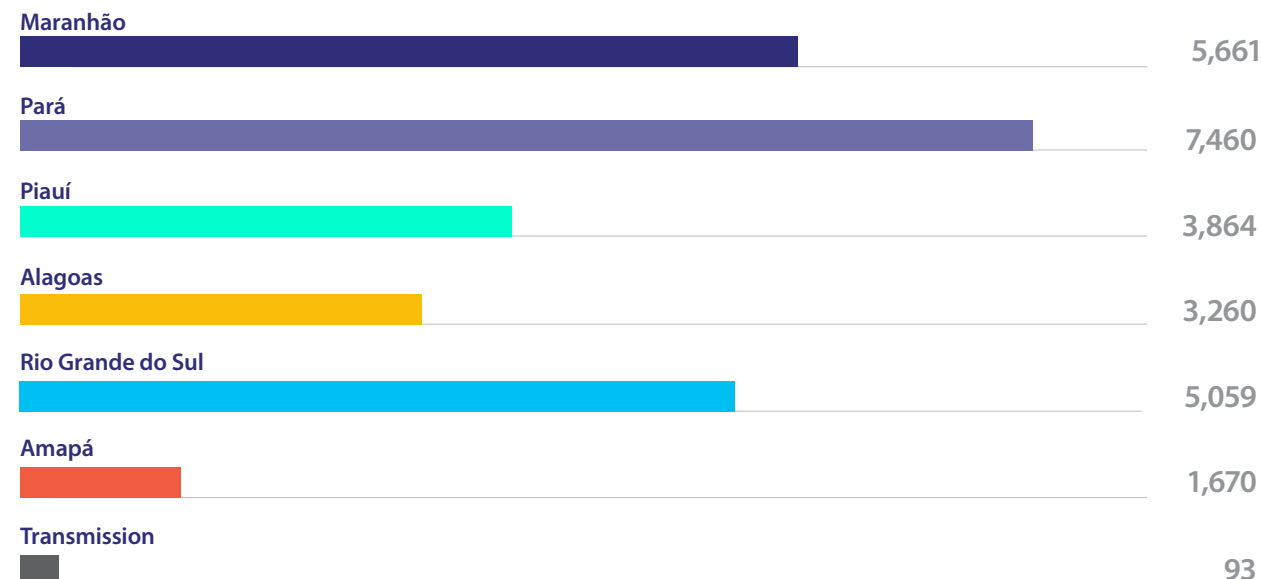
At the company, the contract of all employees is permanent, and the shift is carried out full-time.

The distributors have a larger number of outsourced employees in roles such as electricians, negotiators, customer service and call center.

Operating in municipalities across Brazil, with such diverse conditions and experiences, the company seeks to ensure synergy and exchange of experiences in order to generate value for the environments in which it operates and also for its employees.



Number of third-party workers whose work is controlled by the organization



Commitment to the well-being and quality of life of employees and society is at the heart of Equatorial's culture. Internally, the company seeks to ensure a diverse, inclusive, honest and ethical human environment. Externally, an ethical, solidary and responsible performance.

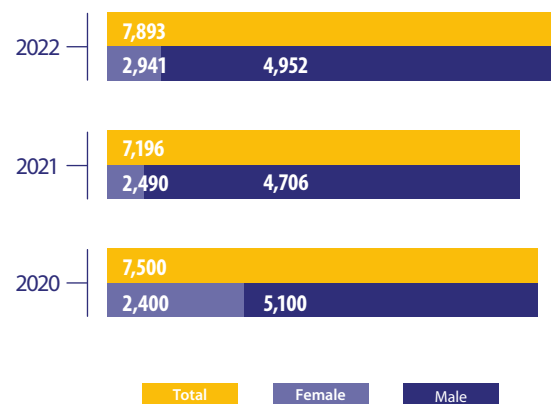
To support its employees, in 2022, the People and Management Department concluded some projects, including the review of the guidelines for behavioral skills that are expected of employees at all hierarchical levels. Training in these skills must precede technical training related to the Group's operating procedures. The initiative intends to develop the maturity of human behavior,

generating technical knowledge, skills and desired attitudes so that the individual can perform his work within the organization in a more complete and safe way, as well as develop and complement his personal skills.

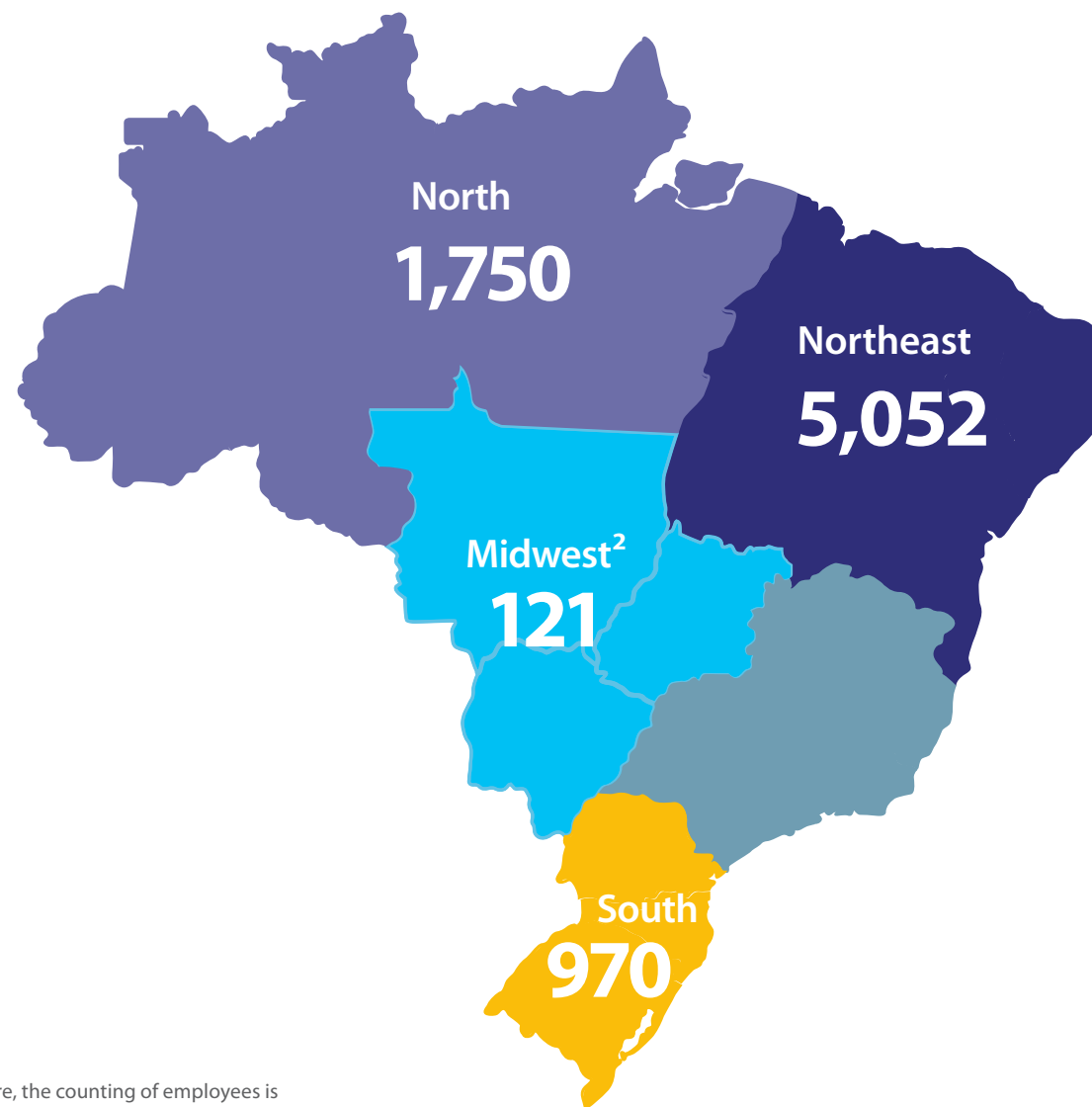
Equatorial Energia's corporate ideology impacts not only its employees, but also the community, suppliers and customers. The internal policies for valuing leaders, respect for health and safety at work and strong management of the organizational climate complement the formation of a safety culture, essential for employees to feel part of the Group and to be fully integrated into the key pillars of Equatorial Culture.



Employee information by gender Full-time employees



Full-time employee information by region



¹ The company does not have employees with a temporary or part-time employment contract. Therefore, the counting of employees is done considering those full-time, which are 100% of the workers.

² Until 2021 the Group consolidated the Midwest, Southeast and South regions in the 'Other Regions' category. As of 2022 this information is reported by region.

Some of the benefits offered by the Company:



Adoption of six months **maternity leave;**



Daycare Aid
from 0 to 6 years;



Private pension plan;



Transportation, Meal
and Food **allowance;**



Health Insurance
and Dental Insurance.

Equatorial Energia seeks to provide the necessary support in their employees' professional lives, a process that also reflects in their lives outside the workplace. An example of this is the *Movimente-se* program, a benefit launched in 2022. In some companies within the group, there is an incentive to participate in running groups, dance or other sports and cultural activities, as well as access to specialized professionals in health and nutrition.

The program engages employees providing free activities and specialized monitoring, so that participating employees can integrate more.. *Movimente-se* is active for employees in Pará, Piauí, Alagoas, Brasília and Maranhão.

The initiative will be expanded to the other companies of the Group in the next period, as well as a system of discounts in the gym and physical activities (*Gympass*).

All these initiatives are under the umbrella of the *Viver Mais* Program, which also has gestational monitoring as one of its pillars.

Equatorial Energia recognizes the leader's fundamental role in disseminating the Equatorial Culture, since it is he who transmits the ideology, values, management model and best practices of communication with the company, so that everyone works in synergy and cooperation in pursuit of the same goals. In 2022, the company launched the Equatorial Culture and Leadership e-book.

Nosso Clube

A discount club has been made available available to employees and their dependents. The employee accesses the *Go Íntegro* portal and ensures discounts of the most diverse types when accessing the platform or application, it is possible to generate discount codes and purchase whatever you want, from home appliances to courses of various types.

Management and Safety Program (PGS)

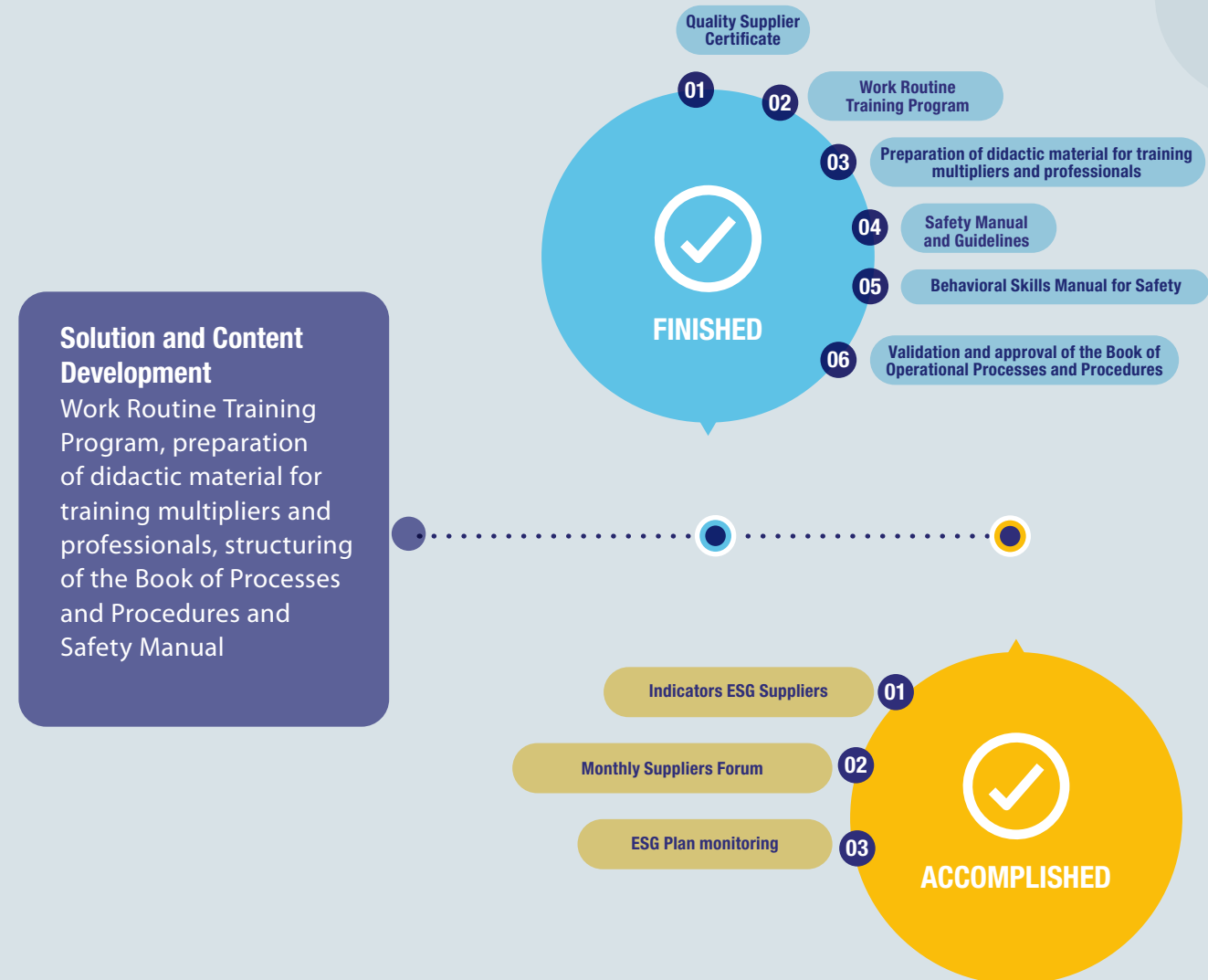
One of the area's most relevant achievements in the year is the consolidation of the Equatorial Group's Management and Safety Program (PGS). The program, which celebrated its one year anniversary in October 2022, outlines a new path of culture of standardization of Safety and People Management procedures and procedures for the company, based on the strategic purpose outlined in 2020: to achieve sustainable standardization goals, guaranteeing the quality through consistency and best practices.

To achieve this objective, four needs were identified that served as the basis for the PGS, among them are the structuring of a platform for sharing knowledge and best practices, training and deploying the growing workforce more quickly and consistently and the protection of employees' intellectual capital.

The project has three strong pillars: the training matrix for its own and partner labor, the writing of procedures and procedures and the training matrix for society, also called the School of Electricians.

All stages of development of solutions and content proposed to be developed over the period were concluded:

PGS EVOLUTION STATUS



Throughout the entire process of the Management and Safety Program, there were several moments focused on the the development of the employees of the suppliers. Since 2021, the year the Program began, 5,634 participations were recorded, 3,580 of which in 2022 alone.

The program suggests the identification of desired behaviors and the production of very well-focused content, without overstimulating people. The purpose of developing content is to establish and summarize in documents the guidelines and standards to be followed by suppliers and own teams, serving as guidance and aid in day-to-day decision-making. In this sense, the Manual and Safety Guidelines of the Safety Management System were incorporated, aimed at the relationship process with external and internal customers.

One of the points of attention of the PGS is the engagement of people in attitudes that lead to an economy of care. The technical matrix defined in the program reveals the evolution of technical successes over the two halves of the year: it was 67% in the first semester and increased to 85% in the second.

Of the 5,136 leaders, multipliers and sponsors mapped within the scope of the PGS, 4,210 attended training activities. Of the total of 1,483 mapped third-party multipliers, 769 were engaged.

36,193 people, among own employees and third party ones, participated in the 4 Behavioral Training modules promoted by the Company, representing **164%** of behavioral training carried out in the year, with a target audience of **22,048** people.

Generating feedback opportunities works as a memory builder that values life:

THE PATH OF CULTURE of standardization of processes and procedures



276

Field audits
during the execution
of the PGS



480

Hours
dedicated to program
management support for
Equatorial Group teams
and third parties

77

Alignments
Meetings held to share
statuses with sponsors,
leaders, managers and
presidents

102

Reports
Performance reports
produced during the
execution of the PGS

189

Hours
Dedicated to aligning
and adjusting
perceptions about PGS
actions

73

**Communication
materials**
Produced for forums,
workshops and guidance

31

meetings
Forums, workshops and
mentorships held during
the PGS

01

Newsletter
Developed to
disseminate content

+ than 280
trainings

Technical and behavioral for
multipliers, leaders, sponsors
and teams

+ than 311 times

the PGS addressed the
importance of safe behavior

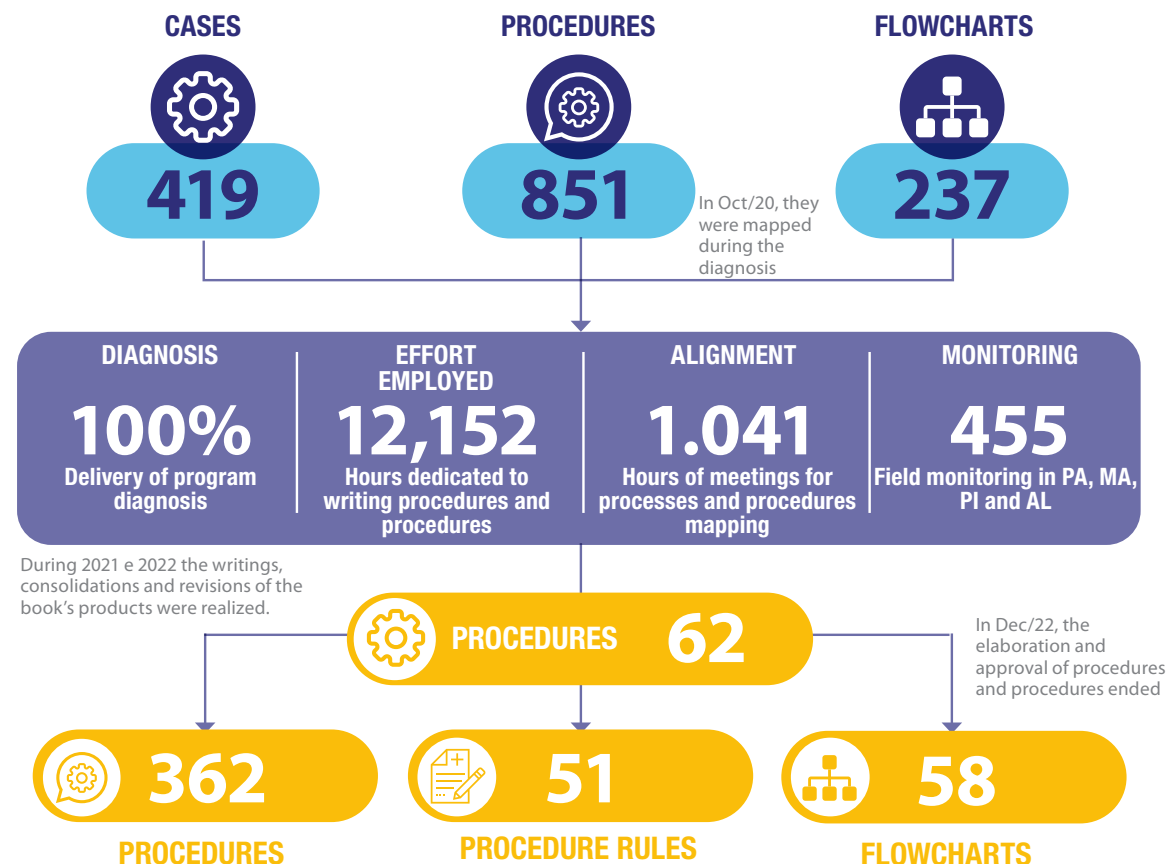
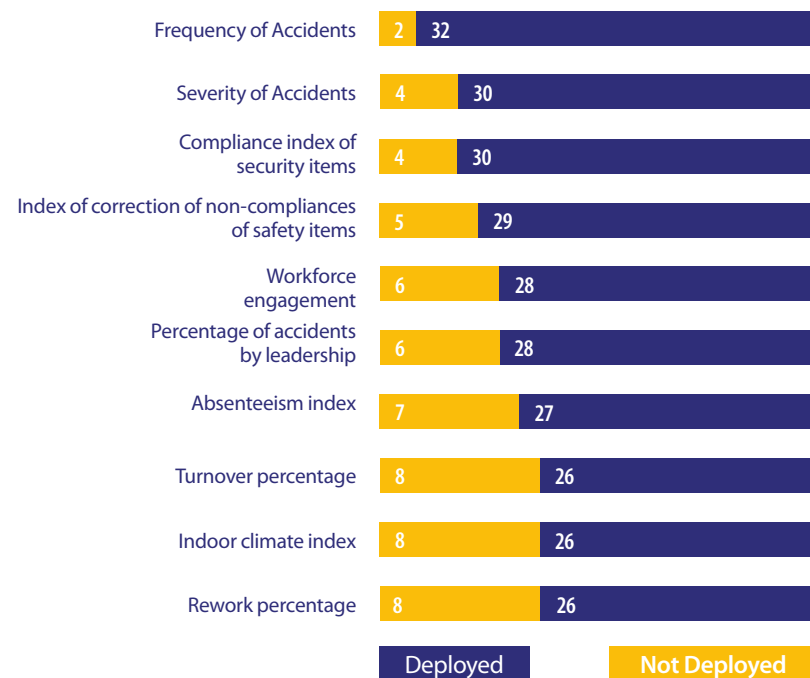
11,573
Participation

by leaders, sponsors and
multipliers

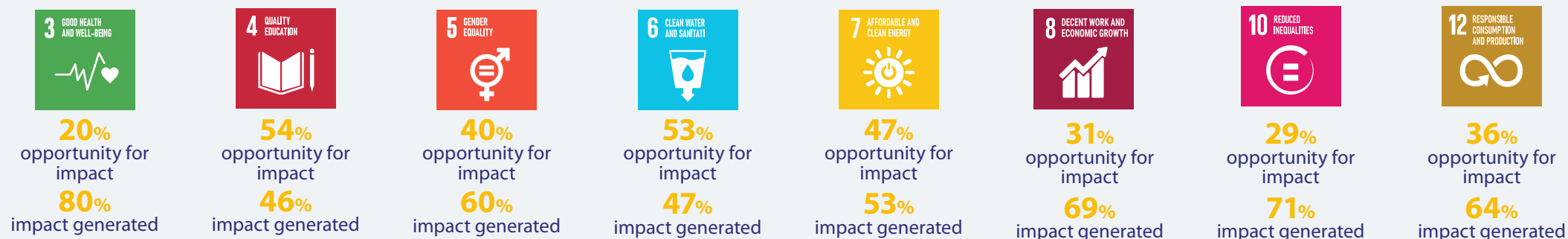
Support tools used:

Email
WhatsApp
Face-to-face/video
Phone Number
Phone

Top 10 Most Prioritized Indicators in Deployments



Impact generated by the Indicators on the SDGs





Labor Issues

GRI 3-3

Interlocution between the company and the unions is set seeking balance in a negotiated manner. Equatorial Energia ensures full union freedom and the right of employees to join any union entity, regardless of the execution of a collective bargaining agreement. The dialogue channel is opened to be a facilitator in the handling of demands and conflict resolutions and in the celebration of the Collective Bargaining Agreement (ACT).

The effectiveness of the adopted measures is verified by the successful closing of collective agreements, without the need for involvement from the Judiciary. An example of this was the company's initiative when it took over CEEE-D: eight unions held ACTs in collective bargaining and employees were on strike. Equatorial reopened the negotiations, which resulted in the signing of agreements and the fulfillment of the Collective Bargaining Agreements.

Respect for labor legislation is one of the company's main actions to maximize positive impacts. The result of the engagement surveys, the decrease of existing conflicts and the approval of collective agreements reflect the engagement of employees with the measures taken by the company.

Satisfaction

For the first time, the Company changed the way it conducts the Engagement and Performance Survey, obtaining a favorability rate of 83%. For the first time, Grupo Equatorial was also certified by the Great Place to Work seal as a Company, and not separately by distributor. It is worth noting that the Engagement and Performance Survey was carried out in November 2022 by Korn Ferry, a consultancy specializing in strategy and organizational culture.

Attraction

The sharp growth of Equatorial Energia's assets resulted in the creation of many jobs in the year. Over 3,000 positions were opened, many of them in call center positions. The area experienced a higher turnover rate, over 2021, since it has a young audience who have their first job in answering phones, making the turnover rate for this group higher than the Group average.

Of the over 3,000 positions, the year ended with an index of over 80% of vacancies already filled and 20% still in the selection process.

Some procedural changes marked the Recruitment and Selection area. Both hiring the Gupy platform and LinkedIn added artificial intelligence (AI) to the process that was previously done in forms. The implemented AI is capable of providing updated reports every two hours on the average closing time for vacancies, allows the posting of vacancies online and improves the candidate experience. As a result, the average time for this process, which in January was 60days, became 44 days in December.



**83% of
participation
engagement**

**in the Engagement
Survey 2022**

covering MA, PA, PI, AL,
Equatorial Energia, Equatorial
Transmissão, Telecom, Serviços
e EQTPrev.

Integrated People Management System (SIGG)

The Career, Compensation and Development Policy encompasses measures for retaining strategic professionals, developing new leadership, and training and qualifying our employees. In 2022, the ratio of the highest paid individual's total annual compensation (base salary) to the average annual total compensation of all other employees was 27.07 times.

Equatorial Energia applies the Integrated People Management System (SIGG) in its daily activities, centered on important fronts: attracting, mapping, evaluating, developing and retaining talent. The purpose is to meet the needs of employees in terms of development, career path and professional growth.

The SIGG defines the company's internal and external hiring procedures:

Internal Recruitment – The search for the manager of the interested area begins by checking the profile and skills of his own team, to check if any employee or intern could occupy the position offered. Only in the negative case, the vacancy is disclosed to the other employees, through an official communication. The People and Management area or the manager of the area involved must provide feedback to all participants in the internal recruitment procedures.

External Recruitment – Resumes must be as per the technical skills required by the vacancy. Candidates must demonstrate compatibility with Equatorial Energia's organizational culture and position themselves as per the company's values

New Operation in Amapá

Prospecting and evaluating candidates for new positions at concessionária de Saneamento do Amapá was challenging because it is a new concession in which we only received the operating assets of the old concessionaire and we had to hire all employees for the operation and administrative areas. The selection and recruitment process to attract people from basic positions within the appropriate profile for the concessionaire was carried out by a temporary team, which supported the concessionária de Saneamento do Amapá. It was challenging because it is a new concession in which we only received the operating assets of the old concessionaire and we had to hire all employees for the operation and administrative areas.

Training and Development

Saber Corporate University offers courses in different languages, with 30-minute classes each. Over 1,300 employees have already incorporated the benefit into their routines.

Investments in specific training totaled R\$ 6.7 million in 2022, benefiting 2,681 people, considering the companies Equatorial Maranhão, Pará, Piauí, Alagoas and Transmissão.

As the year's concern was to unify procedures and spread the culture in the companies acquired in the last year and a half, the five new assets, which represent 30% of the company's total employees, proved to be an additional challenge. It was necessary to structure the approach to people, especially leaders. With the implementation of Flow, which symbolizes Equatorial Energia's corporate ideology, the Group held culture and leadership workshops to seek a level playing field among managers and also work on aspects of organizational culture and values.

In training and development, Equatorial Energia has been creating goals for indicators such as retention of strategic professionals, training and qualification, engagement survey, mandatory safety training, and diversity of inclusion. These actions are aligned with the company's three development programs:

- **Leader DNA:** training for CEOs, officers, superintendents, managers and executives;
- **Leader in Me:** training for employees to train new managers and leaders;

Specific Technician: training that meets specific development needs, aimed at all Equatorial Group's employees.

On the operational side, throughout 2022, the HV (high voltage) Corporate Maintenance Management provided 50 training sessions, with 438 people trained through training, at all Equatorial Energia Group distributors. Focusing on the value of Safety, the management implemented and revised 63 rules and procedures concerning the area's procedures.

Other employee attention programs were implemented:

Initiatives Offered

Program	Target Audience	Purpose	Fiscal Year
Reset and Expand Program Dom Cabral	Officers and Presidents	Develop participants as change agents and enhance their performance as people and business managers.	10 months
Contemporary Leadership Training	Superintendents	Develop and enhance the ability to be competent in the face of the economic, family, social and ecological challenges that the present time demands.	04 months
Training in Contemporary Management	Managers and Executives	Develop the capabilities that the contemporary context requires from a professional in management, so that he/she has an authentic, agile and assertive performance in everyday situations.	09 months
Labor and Union Relations	Managers and Executives	Enable managers in the role of legal representatives of the company, keeping issues of legislation and collective agreements under control.	08 hours
Journey for Leaders	Grassroots Leaders	Develop an employee's mentality for a Leader and Business Owner, promoting a systemic view and encouraging an eye for new skills.	10 months
Leadership and Culture Workshop	All leadership levels	Disseminate the Equatorial Culture and the Leader's Role as per the organization's strategies, values and purposes.	12 hours
Diversity	All leadership levels	Improve and deepen concepts and reflections on Diversity and Inclusion.	08 hours

The professional qualification of leaders follows an evolutionary logic, which includes technical education at all levels.

Successor Mapping

In all, 273 positions were mapped and analyzed, with the involvement of validation committees with the corporate body, encompassing Superintendents, Presidents and Directors in the Business Units and 233 professionals.

Corporate University

Created at the end of 2021, Plataforma Saber already offers 65 courses and was accessed by 65% of employees throughout 2022. Saber offers customized content, with training on Electricity Segment Distribution Regulation, Tariff Breakdown, Energy Tips, Ethics and Compliance among others.

Diversity

GRI 3-3, 405-1

The Diversity and Inclusion Policy was prepared in 2022. The document was approved by the People and Management Superintendence, by the People and Management Board, by the ESG Committee and the People, Governance and Sustainability Committee, in addition to having been submitted for final approval by the Group's Board of Directors.

The Policy defines the fundamental principles necessary for the dissemination of a culture that meets

the aspects of diversity and inclusion, in all locations, encouraging practices that eliminate any type of discrimination at work. The Policy complies with the Equatorial Group's Code of Ethics and Conduct, with the Policies and Procedures of the Integrity Program and with the Group's Privacy Program, as well as with the ODS and the GRI Standards. See more about the Diversity and Inclusion Policy guidelines on our [Bylaws, Codes and Policies](#) page.

The objective for Equatorial Energia, its subsidiaries and controlling shareholders to believe and adopt a management model based on ethical values and principles, based on which they do not allow discriminatory acts, whether based on race, color, ethnicity, gender, sexual orientation, gender identity, disability, religious belief, political opinion, national ancestry, social origin, geographic origin, appearance, aesthetics, accent, health status, physical conditions, marital status, age and other prejudiced singularities present in society.

Greater diversity in hiring*

+36.1%
of women

+74.0%
of black people

+60.9%
of PwDs

+54.5%
of black interns

+192.9%
female
apprentices

*comparison 2021/2022



See more about
the guidelines
Diversity Policy
guidelines and
Inclusion Policy,
by clicking here

Percentage of individuals who are part of governance bodies, by gender¹



¹ The company does not have a historical series as the results are being reported for the first time in the GRI format.

Percentage of individuals who are part of governance bodies, by color or race¹

2022		
Color or Ethnicity	Total	%
Black	0	0%
Brown	1	5.9%
White	14	82.4%
Don't feel comfortable declaring	1	5.9%
Yellow	1	5.9%
Total	17	100%

¹ The company does not have a historical series as the results are being reported for the first time in the GRI format.

Percentage of individuals who are part of governance bodies, by age group¹

2022		
Age Group	Total	%
Under 30 years old	0	0%
30 to 50 years old	10	58.8%
Over 50 years	7	41.2%
Total	17	100%

¹ The company does not have a historical series as the results are being reported for the first time in the GRI format.

Percentage of individuals who are part of governance bodies, by PwD's¹

2022		
PwD	Total	%
People with Disabilities	1	5.9%
People without Disabilities	16	94.1%
Total	17	100%

¹ The company does not have a historical series as the results are being reported for the first time in the GRI format.



Percentage of employees by functional category, by gender¹

2022			
Functional Category	Gender	Total	%
Superintendents	Men	20	87.0%
	Women	3	13.0%
	Total	23	100%
Managers	Men	120	75.5%
	Women	39	24.5%
	Total	159	100%
Executives	Men	192	82.8%
	Women	40	17.2%
	Total	232	100%
Others	Men	4,620	61.8%
	Women	2,859	38.2%
	Total	7,479	100%
Total	Men	4,952	62.7%
	Women	2,941	37.3%
	Grand Total	7,893	100%

¹ The company does not have a historical series as the results are being reported for the first time in the GRI format.

Percentage of employees by functional category, by age group¹

2022			
Functional Category	Age Group	Total	%
Superintendents	Under 30 years old	0	0.0%
	30 to 50 years old	17	73.9%
	Over 50 years	6	26.1%
	Total	23	100%
Managers	Under 30 years old	3	1.9%
	30 to 50 years old	126	79.3%
	Over 50 years	30	18.9%
	Total	159	100%
Executives	Under 30 years old	10	4.3%
	30 to 50 years old	200	86.2%
	Over 50 years	22	9.5%
	Total	232	100%
Others	Under 30 years old	2,114	28.3%
	30 to 50 years old	4,644	62.1%
	Over 50 years	721	9.6%
	Total	7,479	100%
Total	Under 30 years old	2,127	27.0%
	30 to 50 years old	4,987	63.2%
	Over 50 years	779	9.9%
	Grand Total	7,893	100%

¹ The company does not have a historical series as the results are being reported for the first time in the GRI format.

Percentage of employees by functional category, color and/or race¹

2022			
Functional Category	Color or Ethnicity	Total	%
Superintendents	Black	0	0.0%
	Brown	7	30.4%
	White	16	69.6%
	Indigenous	0	0.0%
	Yellow	0	0.0%
	Not Informed	0	0.0%
	Total	23	100%
Managers	Black	6	3.8%
	Brown	63	39.6%
	White	81	50.9%
	Indigenous	0	0.0%
	Yellow	0	0.0%
	Not Informed	9	5.7%
	Total	159	100%
Executives	Black	10	4.3%
	Brown	101	43.5%
	White	105	45.3%
	Indigenous	0	0.0%
	Yellow	2	0.9%
	Not Informed	14	6.0%
	Total	232	100%

2022			
Functional Category	Color or Ethnicity	Total	%
Others	Black	698	9.3%
	Brown	3,944	52.7%
	White	2,354	31.5%
	Indigenous	5	0.1%
	Yellow	86	1.2%
	Not Informed	392	5.2%
	Total	7,479	100%
Total	Black	714	9.1%
	Brown	4,115	52.1%
	White	2,556	32.4%
	Indigenous	5	0.1%
	Yellow	88	1.1%
	Not Informed	415	5.3%
	Grand Total	7,893	100%

¹ The company does not have a historical series as the results are being reported for the first time in the GRI format.

Percentage of employees by functional category, by PwDs¹

2022

Functional Category	PWD	Total	%
Superintendents	People with Disabilities	2	8.7%
	People without Disabilities	21	91.3%
	Total	23	100%
Managers	People with Disabilities	1	0.6%
	People without Disabilities	158	99.4%
	Total	159	100%
Executives	People with Disabilities	4	1.7%
	People without Disabilities	228	98.3%
	Total	232	100%
Others	People with Disabilities	239	3.2%
	People without Disabilities	7,240	96.8%
	Total	7,479	100%
Total	People with Disabilities	246	3.1%
	People without Disabilities	7,647	96.9%
	Grand Total	7,893	100%

¹The company does not have a historical series as the results are being reported for the first time in the GRI format.

Another equally important step taken between the months of August and October was the carrying out of a Diversity Census, a kind of x-ray of the Equatorial employee. The form had the adherence of 83% of the team and the employees answered about aspects of ethnicity and sexual orientation, among other information, bringing important results:

64.3%



of the people in Grupo Equatorial Group have up to three years in the company and are are concentrated in the state state of Maranhão, the first distributor of Grupo Equatorial

Teva Diversity Rate


In 2022, Equatorial entered the portfolio of the Teva Women in Leadership Index, the first in Brazil to select companies with the highest representation of women in governance. The rate is referenced by the ELAS11 fund (Safra ETF Women in Leadership share index), managed by Banco Safra and listed for trading on B3.

The company ranks 40th in the gender diversity ranking, with a score of 21.8. For the constitution of the index, the breakdown of the Board of Directors and Fiscal Council, the Executive Board and the Management Committees are considered. The rate also assigns points to companies that have achieved equity or are promoting more women to leadership positions, while penalizing those without women or with a trend of decreasing representation.

The company also won the Women on Board seal during the year, an initiative supported by UN Women to encourage greater gender equality in senior leadership. In 2022, the company's board of directors reached the mark of two women on its composition.

Inclusion

In 2022, the People and Management area set diversity goals in entry-level programs, such as the Young Apprentice Program and the Internship and Trainee Programs. The goal establishes the hiring of 50% of self-declared black, women and LGBTQIAP+ people, besides contemplating the inclusion of people with disabilities (PwDs), so that these hirings are always above what is required by law.

54.7% 
Most belong to generation Y

50.4% Most
employees declare
themselves to be brown

95.8% cisgender

91.7% heterosexual

The Census allows us to imagine that, if Equatorial Energia were a person, it would be a cisgender, heterosexual, black man (brown or black) and from generation Y (between 28 and 42 years old) with at least one year of work in the Group in the position of assistant.

The surveys obtained in the Census project will serve as subsidy for the Equatorial Group to work on important aspects in the area of diversity and inclusion over the next year. Concomitantly, leaders were trained on their role and responsibility regarding the culture of diversity in the company. The training had 81% participation of leaders

The Audit area must receive, record and monitor any and all reports involving the topic of diversity and inclusion, as well as investigate complaints involving practices of discrimination and promote remediation with the recommendation to apply the appropriate disciplinary measures. presence of a Confidential Channel, maintained by the Integrity Program (see more in Ethics and Integrity).

Health and Work Safety

GRI 3-3, 403-1, 403-2, 403-3, 403-9, GRI G4 EU-DMA, EU18

Life has priceless value. Equatorial is committed to defending this non-negotiable asset and puts all its energy into ensuring the safety of the employees involved in the operation, regardless of position or function.

The management of the well-being of employees or third parties, customers, service providers and members of communities impacted by Equatorial, expressed in a healthy and safe work environment, is set according to strict regulatory and organizational standards.

The company has around 5,000 field teams. Multiplied by three components, there are 15,000 people in operation throughout Brazil. All of them are subject to the procedures and procedures stipulated by the PGS. OSH management was not implemented due to legal requirements, but based on the OHSAS 18001 Standard, which was replaced by ISO 45001.

ISO 45001 Strategic Plan

A Strategic Work Plan was set in 2022 by Equatorial Energia's Senior Management. Among the mapped actions is the search for ISO 45001 certification, within a period of up to five years. To take effect in the next fiscal year, this commitment began to be worked on in 2022 based on management improvement methodologies, with the implementation of new programs, policies, standardization of procedures and procedures and training, always adopting safe practices to guarantee the safety of the workforce and seek a zero accident rate.

Scope of mandatory Health and Safety training in 2022



41,575

new subcontracted
employees (service
provider companies)

100%

of third-party
employees

74%

of internal
employees

Information for Employees (Own and Third Parties)

	2020	2021 ¹	2022
Number of deaths resulting from accidents at work	9	8	2
Rate of deaths resulting from accidents at work	0.2	0.2	0.0
Number of accidents at work with serious consequences (except deaths)	8	2	6
Rate of accidents at work with serious consequences (except deaths)	0.2	0.0	0.1
Number of mandatory reporting accidents at work	311	289	342
Compulsory report of accidents at work	6.8	5.4	5.8
Number of hours worked	45,655,303.5	53,894,757.4	58,512,022.9

¹ We consider the EQTL RS indicators that we assumed at the end of 2021 when the CEEE-D already had 2 fatal accidents.

Equatorial Energia defined its preventive goals for reducing accidents, which are continuously reviewed, and monitors the indicators related to safety, so that leaders can carry out the actions of the PMS (Monthly Safety Plan)/month. We are working on adaptations so that the PMS can be inserted into a system and make it possible to measure and manage the results of inspections scheduled for leadership. We also aim to implement the PPCR system - Planning, Programming and Control of Routes - in the states of Rio Grande

do Sul, Amapá and Goiás, for planning and carrying out field inspections covering the entire structure of the company, such as operational teams, agencies, substations, plants, works, among others.

The control of preventive safety indicators is done in inspections, scheduled or random – through the Safety Blitz –, the Daily Safety Dialogues (DDS) and lectures, among other actions. The entire health and safety management process is carried out by

the Occupational Health and Medicine Engineering Service (SESMT), which promotes campaigns, meetings, emergency simulations, training for the Emergency Brigade, educational lectures and training for supervisors. These are responsible for multiplying and disseminating safe practices within the company.

Employees receive training in health and safety matters as per the Homogeneous Exposure Group (GHE) in which they are classified, in compliance with the regulatory work standards. The same methodology/guideline is applied to outsourced employees. Security integration training is conducted by SESMT. Specific exercises such as electricity, height, confined space, cargo handling and driving are taught by teaching institutions and qualified instructors.

Annually, the Internal Occupational Accident Prevention Week (Sipat) takes place, raising with greater emphasis issues relevant to Occupational Health and Safety, discussed in the year.



Other programs are also worth mentioning:

Occupational Health Medical Control Program (PCMSO) - mandatory, provides medical support to employees.

Viver Mais Program - advances on important issues, following up and monitoring chronic diseases, the evolution of pregnant women, among other initiatives.

Safety Dialogue (DS) - lasting five to ten minutes, it is held among all operational areas to create and develop awareness and maintain preventive attitudes. It is prepared by Occupational Safety technicians, reviewed by Occupational Safety Executives and approved by the Corporate Occupational Safety Management. The themes are

elaborated based on operational procedures using as criteria of importance: criticality, frequency/severity of accidents, frequency of execution, verified opportunities, other issues relevant to the topic.

Safety Blitz - unscheduled field visits to check compliance with good work safety practices. Employees who adopt correct conduct are rewarded, designated as "Safe Professional" and receive a bonus in shopping vouchers.

Safety Inspections - investigation actions and guarantee of legal compliance with the use of individual and collective safety equipment (PPE and EPC) and the conditions of use of vehicles and facilities.



R\$ 5.217 billion
was the total amount
paid to suppliers
in 2022

Suppliers

GRI 2-6, 308-1, 414-1

Equatorial Energia structures and promotes actions with its suppliers to encourage them to meet certain requirements of ESG and sustainability practices and to create the best actions and procedures in their management structures. The supply chain involves contractors for building and maintaining networks,

building substations, pruning trees and cleaning lanes, and maintaining live and dead lines, besides call center and branch service companies. Contracts are medium and long term, ranging from 2 to 5 years, based on events (activities).



Selection and Evaluation Criteria

34 companies were enrolled and 26 Quality Supplier Certificates were issued in 2022.

The provision of a quality service, with cordiality, agility and efficiency, especially in the field in which the Equatorial Group and many of its suppliers operate, is an excellent way to build a collaborative and transparent relationship with society as a whole.

In the Strategic Vision dimension, for example, the discussion seeks to determine whether the supplier has published and well-defined policies, demonstrating the existence of its mission statement, vision and values, as well as knowing about its strategic planning and social and environmental commitment. At that time, it is also verified whether the company has already designed its purposes, strategic indicators, materiality matrix, risk matrix and goals with aspects aligned with sustainability and business risk analysis (ESG), as per Equatorial's *modus operandi*.

In the Management and Governance dimension, the supplier is urged, among numerous questions, to answer whether it discloses information about management, goals and results, whether it adopts any quality control method or ISO certification and whether it uses Standard Operating Procedures (SOPs) and training of critical activities. Suppliers are obliged, for example, to use the Equatorial Energia PPE Catalog as a reference for the materials to be purchased. The catalog is updated monthly with products validated for use by the company, preventing accidents caused by inadequate equipment.

In the Social theme, the supplier must pay attention not only to meeting legal requirements, but also to valuing minorities, in matters of gender, color and race, in recruitment and assignment of tasks, training, opportunities for advancement, compensation and termination of employment contract.

The Environmental dimension is covered by waste segregation programs and periodic monitoring of the consumption of natural resources and/or materials, as well as the development of specific projects/actions for conscious and efficient consumption.

Working groups were created at supplier companies to address issues relevant to ESG considering in four dimensions:

Strategic Vision;



Management and Governance;



Social;



Environmental.



Law of life

GRI 3-3

The company decided to establish a policy for the application of administrative sanctions, called the Law of Life, as per the irregularity or unsafe act practiced during the execution of services, complying with the legal requirements required in article 157 of the Consolidation of Labor Laws (CLT).

The Law of Life Policy determines a consequence for each type of fault: mild, medium, serious or very serious. The Safety Manual helps provide guidance on safe actions and procedures in operations and provides a scoring table that compares actions to possible non-compliance. For third party companies, notifications and fines for infractions and noncompliances of labour contracts in the matter of health and safety have as reference the penalties located in the Group's Safety Manual.

Third-Party Health and Safety

The Equatorial Group is aware of the negative impacts of accidents at work generated from the activities carried out by third-party employees. Considering their responsibility for the consequences generated from their commercial relationships, actions are carried out with suppliers to ensure the adoption of control measures and decrease of risk levels of accidents associated with the activities of third-party companies.

In 2022 we carried out:

24,801
inspections

9,236
field blitzes

27
security
workshops
involving all
suppliers

74
compliance audits
carried out in 99% of
supplier companies

20
security efforts, which
reached around 4,259
outsourced employees

8,845
Safety Dialogues carried
out by SESMT

12,485
employees from 248 new
suppliers underwent
safety training with risk
management

Accidents

Work accidents are related to activities of connection and reconnection of electricity, installation of transformers, poles and meters, replacement of insulators, strip cleaning, network extension, pruning, cable connection and other roles related to the operation of electricity distributors.

The company uses the Technical Method of Systematic Analysis of Causes (Tasc) to identify the root cause of any accidents and define preventive and corrective measures. An investigation committee is composed of leaders representing the organization, CIPAA and SESMT. When possible, the victim and witnesses are heard and their reports collected, as well as other

evidence needed to compose the database and establish a tree of possible causes.

Equatorial Energia works tirelessly to reduce accidents. In the company, accidents at work are divided into typical and commuting accidents: typical accidents occur when the employee is performing activities at the service of the company and commuting accidents when the employee is on the usual route from home to work or from work to home. Accidents, in turn, are divided into three types: SEP (Electric Power System), TRANSIT and OTHERS. Events in the SEP are those of electrical origin, TRAFFIC accidents are those that occur

in traffic (collisions and pedestrian accidents) and events classified as OTHER are those that do not fit as SEP or TRAFFIC. In the year, 70% of accidents were classified as OTHER, 17% TRAFFIC and 13% SEP.

It is worth noting that in 2022 there were two fatal accidents, a 60% reduction in relation to the eight occurrences in 2021: in one of them the employee died after moving a pole and, in the second, he suffered electroplession (death caused by exposure to a lethal charge of electricity).

The Group's commitment to suppliers is to monitor the performance of reactive and proactive indicators of Occupational Health and Safety,

calling leaders and service partners to clarify results and direct specific and systemic actions. In addition to planning actions to involve and encourage leaders and employees to be multipliers of the Health and Safety Culture for the improvement of work processes and procedures, investigating events that have generated or may generate accidents, involving and listening to the employees for a participatory and efficient management.

Recognition and Development

The Quality Supplier Seal is based on the constant improvement of processes and performance with a focus on concrete, visible and high quality results. To this end, it shares objectives and values with its suppliers, strengthening the ties of partnerships and encouraging the recognition, development and growth.

The evaluation of the analyzed criteria is based on nine principles, namely: Safety, Leadership, People, Processes and Procedures, Strategy and Contract Fulfillment Plans, Clients, Society, Indicators, Information, Knowledge and Results. In addition, the seal also considers standards of excellence in its assessment, with emphasis on Regulatory Standards (NR-4, NR-5, NR-7, NR-9, NR-10, NR-12, NR-18, NR- 24), ISO 19001, 55001, 14001, 45001, in addition to the quality criteria established by the IASC Seal (ANEEL), the National Quality Foundation (FNQ), the B3 Corporate Sustainability Index (ISE B3) and the Eloy Chaves Medal (A B C E).

After a cycle of two face-to-face audits for one year, the supplier can be certified in one of the five levels

of development, according to the choice made when joining the program:

- Level 1 – Journey to Development
- Level 2 – Path to Excellence NII
- Level 3 – Path to Excellence NIII
- Level 4 – Commitment to Excellence
- Level 5 – Strategic Supplier

Monthly Security Plan

The Monthly Safety Plan (PMS), in use since 2015, is a management tool that helps leaders comply with actions aimed at employee safety.

Initially, besides the actions to disclose the accidents that occurred in the accumulated period of the year, with the detailing of the accidental events that occurred in the previous month and the application of safety dialogues, the PMS set a safety inspection for each manager. However, in 2022, the target for inspections of operational leaders was set based on accidents and non-compliances identified in safety inspections.

An average of eight items to be verified in the company's various activities was then defined. The Works and Maintenance manager must inspect, for example, activities that are not part of his management scope, making all areas relate and can contribute to each other. In 2022, over 440 field blitzes were carried out by leadership and evidenced through reports in the PMS.

Participatory Supplier Management is an initiative that involves Equatorial's Senior Management, Managers, Supplier Leadership and the front line of third parties with the aim of evaluating results and, additionally, disclosing the company's strategic information, providing a relationship of transparency and trust, besides opening up discussions about problems that occur on a daily basis with the teams.

In the monthly Participative Management meetings (and in those of the contract managers), information is previously disclosed to suppliers by e-mail, among them the verification of compliance with labor and social security obligations of third parties, obtained through the Actio system.

The security compliance audit targets carried out in 2022 were achieved, with an average decrease of 2.39% in structural and behavioral non-conformities compared to the last year.

Improvement Opportunities

The 27 Safety Workshops held during the period brought together managers, owners and representatives of third-party companies for a chat about the positive and negative impacts of activities. Organized and conducted in a hybrid manner by the Corporate Management of Occupational Safety, with the support of occupational safety executives in each state, the event teaches and encourages good practices, sharing non-compliances and accidents. Specialists are invited to enrich the content of the workshop, which seeks to raise awareness and change behavior for a safer performance of business partners.

The inspections and safety audits, on the other hand, allow for the survey of improvements in third-party accommodation for full compliance with Regulatory Standards 24 and 18, guaranteeing the physical and mental integrity and health of the employee.

The criteria for communication, investigation and analysis of accidental events related to work in the areas where the Equatorial Energia Group and suppliers operate are contained in Procedure Rule 01. It establishes that a Commission is composed to investigate the accidents and analyze the evidence for the identification of the root

cause of the event. Investigation reports pay attention to deadlines according to NP 01 and specific legislation in force, besides analysis methodology, identification of causes, proposing control measures according to the severity of the accidental event.

The management of accident statistics, causes and consequences, allows the comparison to evaluate the performance of companies per year, per agent of the accident, as well as the causes and other markers. This management of indicators facilitates the understanding of the scenarios of each company, sector and activity, and enables decision-making based on future projections, establishing action plans for risk management and consequently the reduction of accidents.

In order to comply with NBR 14280, Equatorial Energia manages the reactive indicators TF (frequency rate) and TG (severity rate), measures for the evaluation of the frequency and severity of accidents that must be calculated as a function of the number of accidents or injured people, of man-hours of exposure to risk and computed time away from work, also used for technical analysis of comparison and probability.

There is a record of the number of victims of injuries without lost time, as an informative element of the degree of risk and the quality of prevention services.

Information for Employees

Quantitative Indicator	Maranhão			Pará			Piauí			Alagoas			Rio Grande do Sul			Amapá		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
Severity Rate (TG) ²	6,032	8,467	781.6	704	1,576	308.4	3,846	2,300	65.1	1,842	5,435	94.7	-	1,693.6	71.5	-	4,887.1	53
Frequency Rate (TF) ³	2.0	2.5	4.6	0.4	0.8	3.7	1.8	1.5	4.4	1.5	1.5	7.3	-	3	8.6	-	4.6	5.8
Total accidents in the community.	14	18	80	3	7	76	9	5	40	5	5	54	-	24	77	-	-	15
Accidents with death in the community.	7	10	2	1	2	0	3	1	0	1	3	0	-	2	0	-	1	0

¹ The Severity Rate is related to accidents involving the population due to electric shock in the concessionaire's network.

² The Frequency Rate is related to accidents within the community.



Customers

GRI 3-3, 418-1, GRI G4 EU3

Dedication to more than 13 million customers is one of the values of the Equatorial Group.

The Customer Experience area focuses on mapping the direct interface procedures with the consumer in a manner ensuring the best relationship with customers. It standardizes and controls the performance of procedures, using tools such as the heat map, performance indicators, management controls, analysis of cases, committees, among other procedures, promoting the management and handling of complaints and feedback to procedures with actions corrective measures based on the analysis of the demands that arrive through calls, requests and complaints.

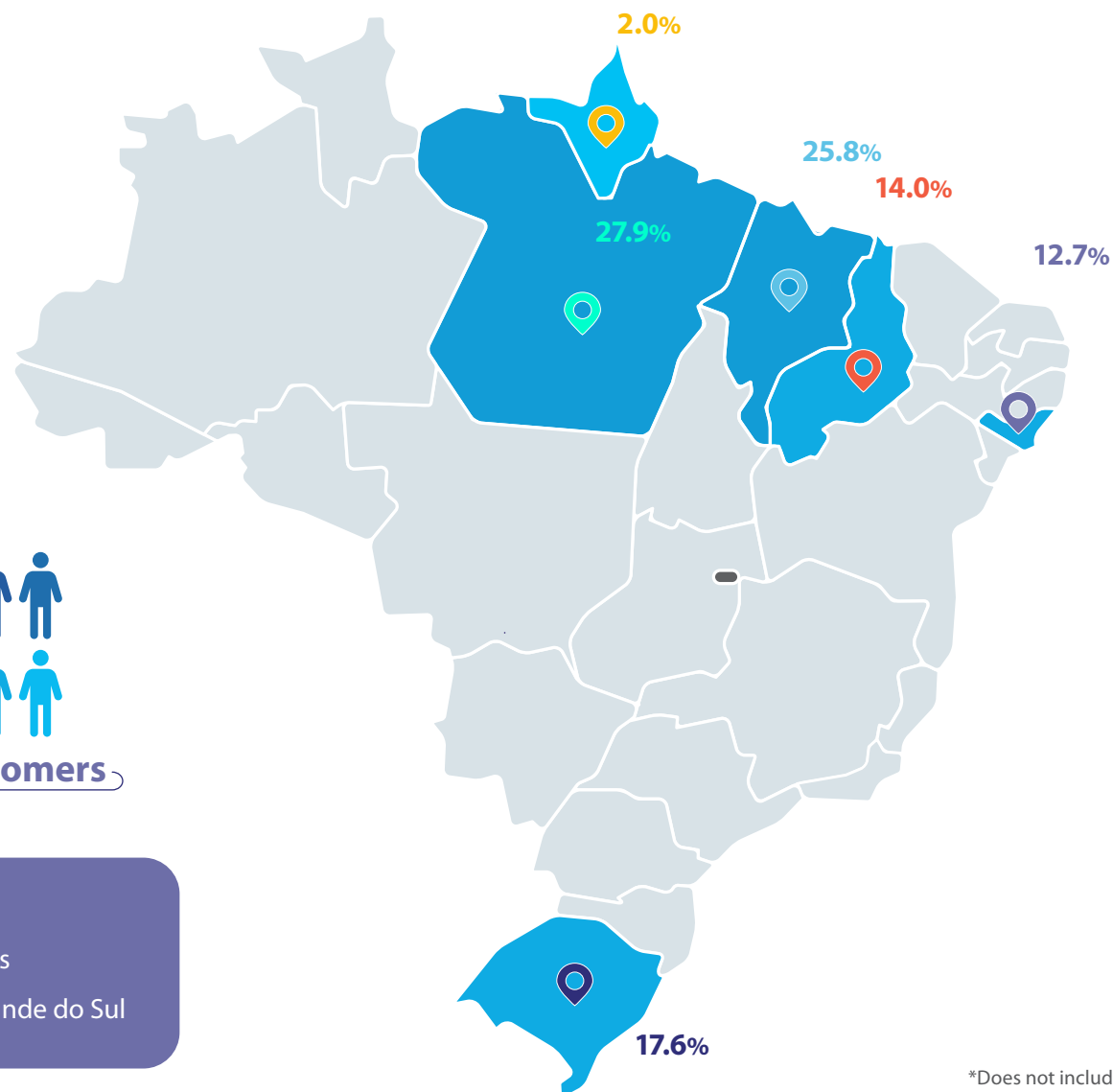
Customer Map*

Distribution Focus



Caption

- | | |
|----------|-------------------|
| Amapá | Piauí |
| Pará | Alagoas |
| Maranhão | Rio Grande do Sul |



267

service agencies + 400 thousand
assistances per month

*Does not include Equatorial Goiás, whose closing took place in December 2022.



18

relationship
managers



123

consultants



+5 million

face-to-face
assistance

Number of Residential, Industrial, Institutional and Commercial Accounts

Group	Class	Regular Customers	Distributed Generation Customers
A ¹	Commercial	94,255	7,131
	Own consumption	525	0
	Street lighting	10	0
	Industrial	37,940	2,114
	Public power	40,044	1,719
	Home	1,239	102
	Resale	300	0
	Rural	24,152	1,216
	Public service	14,958	128
Total		213,423	12,410

Group	Class	Regular Customers	Distributed Generation Customers
B ²	Commercial	6,651,700	192,635
	Own consumption	10,227	42
	Street lighting	40,227	12
	Industrial	182,547	9,315
	Public power	953,681	2,293
	Home	107,195,341	1,255,364
	Rural	6,538,216	65,187
	Public service	243,046	653
B Total		121,814,985	1,525,501
Grand Total		122,028,408	1,537,911

¹ Consumer units with a supply equal to or greater than 2.3 kV or served by an underground secondary voltage distribution system (voltages below 2.3 kV) are included in this group.

² This group comprises consumer units with a supply voltage of less than 2.3 kV.

Satisfaction

GRI 2-26

Surveys are carried out seeking to prioritize genuine listening to people, to capture and understand their real demands. The controlled companies have a Consumer Council, which places the customer at the center of the value chain and reinforces its role as a partner in Equatorial Energia's businesses.

Customer satisfaction guarantee needs to happen with each service, digital or face-to-face. The electronic medium currently dominates the scenario for receiving contacts. But there is also the possibility of the customer being served in person, at the company's own branches or at some authorized agency.

According to current regulations defined by Aneel, Equatorial Energia's customers are segmented according to the voltage supplied:

- High Voltage Customers (Group A): Those with a voltage supply equal to or greater than 2.3 kV, subdivided by voltage level ranges, which include the master corporate service segments, corporate customers and the public authorities;

- Low Voltage Customers (Group B): Those with a supply voltage of less than 2.3 kV, grouped into conventional residential, low-income residential, commercial, industrial and rural categories.

Internally, target customers are also classified as corporate or retail. These segmentations facilitate service, minimize costs and improve customer relations.


The open channels of communication available to the customer are:

- Digital media (app, emails, websites, SMS, social networks and Clara, virtual attendant via WhatsApp);
- Call centers, including free and 24 hours a day;
- Service agencies;
- Manifestation forms are available at agencies and service stations and SMS;
- Write to the CEO Channel. 99.2 million consultations, of which over 83 million were digitally recorded (84%) and 16 million via human assistance (16%).



Our Assistance Channels

Average demand in 2022 (jan to dec)


Site/APP
4,4MM
assistances/month
54%


URA
1,5MM
assistances/month
19%

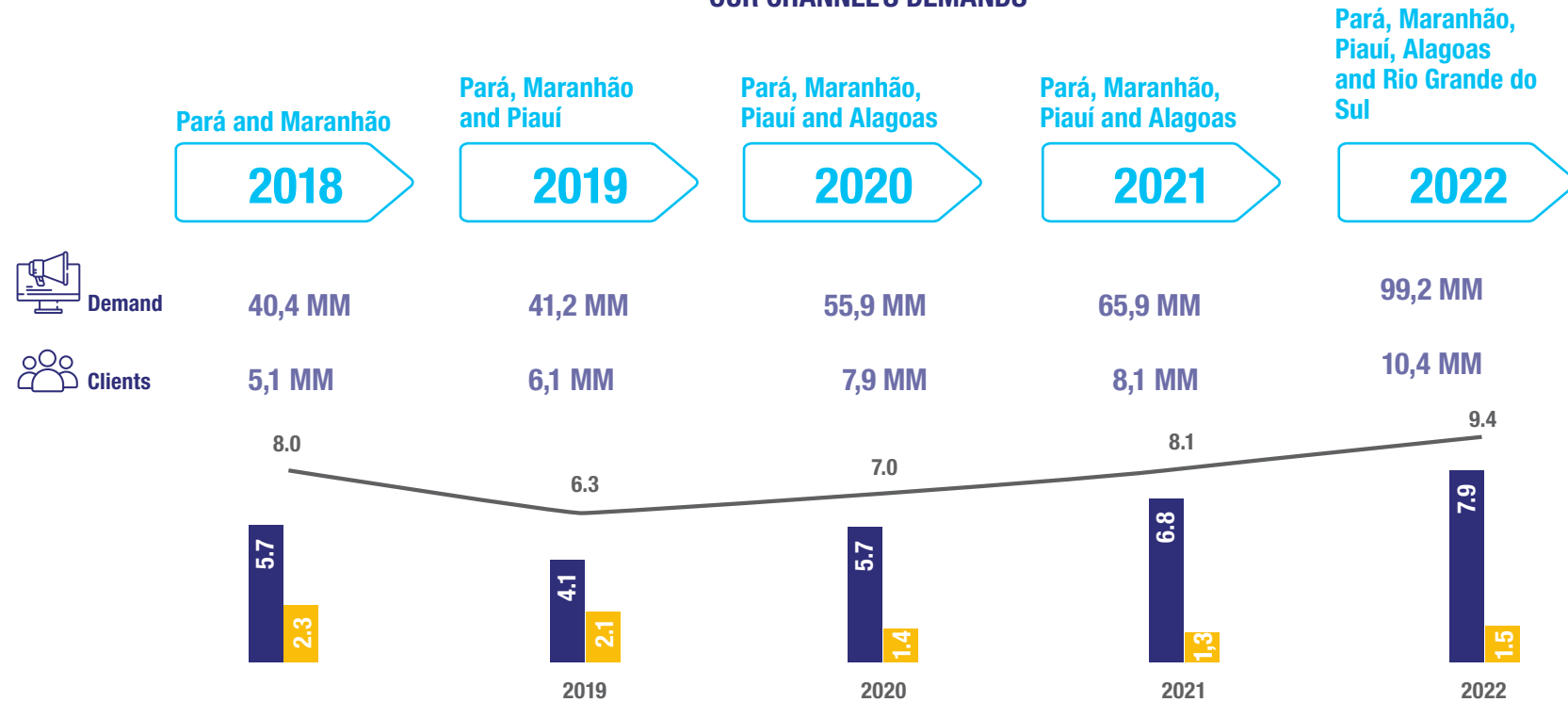

WHATSAPP
666 k
assistances/month
8%


SMS*
254 k
assistances/month
3%


HUMAN CALL CENTER
915 k
assistances/month
11%


IN PERSON
429 k
assistances/month
5%

OUR CHANNEL'S DEMANDS



The launch of the Niduu Training Platform, in November, attracted 621 agents from contact center and accredited branches who were interested in distance learning training. The app offers training, gamification and microlearning.

Leaflets distributed at branches and printed on energy bills are another form of communication, as well as stickers on the fleet of vehicles, bicycles and sound trucks, which also disclose the Group's numbers and addresses.

For high voltage customers, who represent around 20% of Equatorial Group's total revenue, the service structure has consultants, assistants and an exclusive center. On average, each consultant has a portfolio of 200 customers and can dedicate himself to his relationship matrix, making periodic visits.

Company	EQTL MA	EQTL PA	EQTL PI	EQTL AL	CEEE Equatorial Energia	CEA Equatorial Energia
# GA Installations	3,298.0	4,972.0	2,152.0	2,283.0	5,093.0	976.0
# GB Installations	2,684,772.0	2,895,93.0	1,457,500.0	1,310,891.0	1,860,201.0	215,478.0
Municipalities	217.0	144.0	224.0	102.0	72.0	16.0
% Distributor Consumption	4.8%	6.1%	0.6%	2.4%	4.2%	-0.6%
% Distributor Billing	25.9	27.8	14.0	12.6	17.7	2.1

The Call Center, the digital channels, the branches and the accredited companies available in each of the 775 municipalities in which Equatorial operates serve low-voltage customers.

In the year, Equatorial's communication channels did not report non-compliance with the law or any other voluntary code. There were also no records of privacy violations and complaints at the National Data Protection Authority (ANPD) and Aneel, as well as there are no occurrences in the period covered by this report related to leaks, theft and/or loss of personal data from customers and/or holders.

Other Cases

The CEEE and CEA contact centers migrated to Equatorial in 2022. At CEEE, 209 service positions were incorporated, with 300 attendants and assistants, for 311,000 calls per month. At CEA, the center received 51 attendants, who recorded 400,000 calls.

The CSA contact center was structured and opened with 26 agents and 27,000 calls, besides the expansion of the call center in Teresina (PI), with 702 positions and 775 agents and assistants, handling 2,700 calls.

Training

The training of attendants was improved in 2022 through SIS Feedback, a process that received ISO 9001 certification. Management conducted around 10 training sessions with the areas in 2022. Training was on topics such as training consultants, ombudsman teams, Aneel training on how to complete complaints when the problem is resolved, and training in management systems. There are also monthly committees with the participation of top management - presidents of the distributors - at the distributors to assess the status of the complaints received, so that procedures can be improved.

Another achievement of the period was the implementation of the Service Quality Monitoring, which started to evaluate the quality of the services requested in the commercial systems, identifying errors, correcting them and guiding the service.

Process flow of monitoring and assistance

MONITORED PROCESSES

✓ INSTALLMENT PLAN	✗ ELECTRICAL DAMAGE
✓ CHANGE OF OWNERSHIP	✗ RECONNECTION
✓ NEW CONNECTION	✗ REACTIVATION
✓ DISCONNECTION	✗ STRESS LEVEL



To assess customer satisfaction, the company participated in three satisfaction surveys, assessing aspects such as trust, loyalty, quality and perceived values, as well as the degree of satisfaction of residential consumers with the services provided by the distributors.

Retail Segment

- Aneel Consumer Satisfaction Index (IASC1);
- Perceived Quality Satisfaction Index (ISQP), from Abradee;

Large Customers Segment

- Perceived Quality Satisfaction Index (ISQP).

Result of the ISQP Retail 2022 (Satisfaction with Perceived Quality Index)

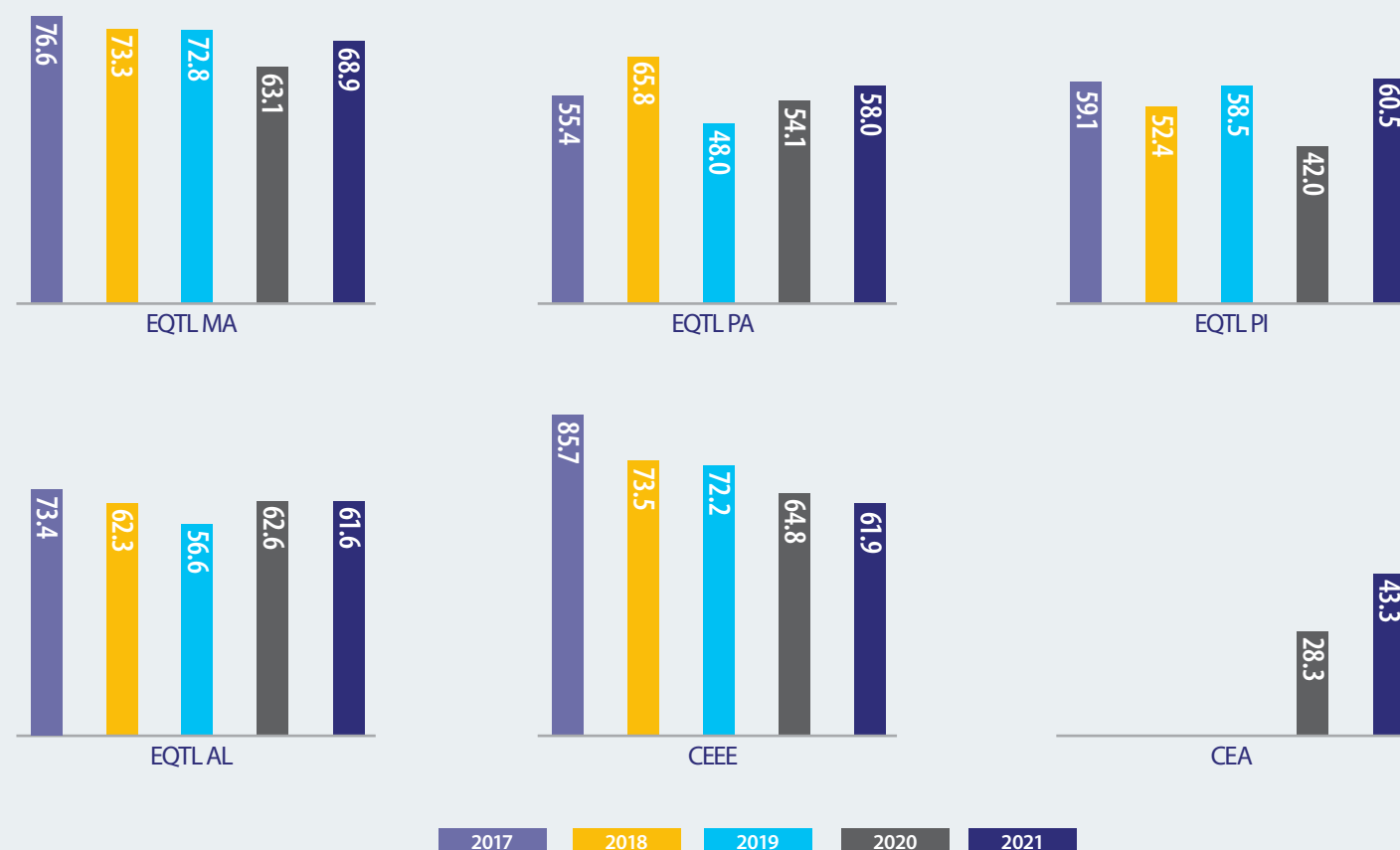
Survey period: Feb to May

Margin of error: 4%

2020: pandemic scenario Covid19, Abradee disregards the result

CEA: did not conduct the survey in years prior to 2021

Brazil result will be released on 07/27/22



Conexão Program

The Connection Program is the consolidation of the maturity of Equatorial Energia's customer service mechanisms. Launched in 2022, the Connection rewards the best-evaluated agents and defines where the company wants to go in terms of excellence in its focus on the customer.

Connection Program

WHERE WE WANT TO GO:



TRANSFORMING ASSISTANCE

Consolidating teams with attitude and proactivity in all moments of customer service.



ENCHANTING THE CUSTOMER

Create a rewarding experience that will delight them!



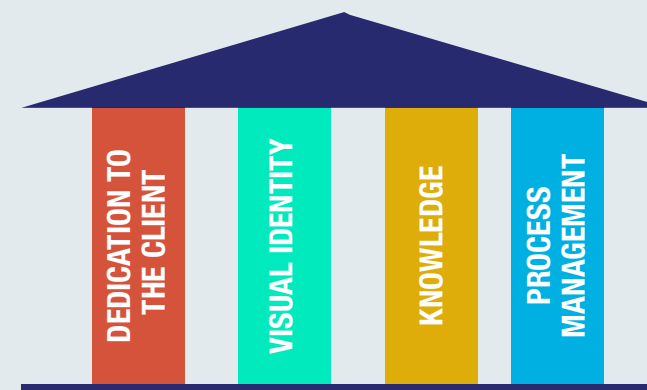
CONNECTION WITH CUSTOMERS

Connect with our customers in a simple, clear and objective way, establishing a relationship of trust with the customer.



- More satisfied customers
- Front line with standardized and humanized service
- Problem solving at first contact

OUR PILLARS



OUR PRINCIPLES

TO UNDERSTAND THE CLIENT

TO BE HAPPY TO SERVE

ASSERTIVE COMMUNICATION

TRANSPARENCY

ACCESSIBILITY

EMPATHY

Ombudsman

In the distribution segment, Equatorial has three levels to handle complaints: First-level service channels; Ombudsman, second; and Aneel, third.

Equatorial Group's Ombudsman is ready to receive reports, complaints, suggestions and compliments, with a physical structure for face-to-face service and the Call Center on 0800. In all, 89,917 complaints were received by the Equatorial Group Ombudsman in 2022, which were duly addressed to the competent areas.

The ombudsman area is certified with ISO 9001 and is audited annually, as well as the other areas.

Society and product quality

GRI 3-3

Society is the consumer and evaluator of the quality of services provided by Equatorial Energia, with the company's customers being responsible for supporting its reputation. Therefore, it is extremely important that product quality standards are followed, as well as the safety of the services offered by the Group.

Electric Energy

We are aware that the electricity segment's activities present potential risks of accidents for the population, and that it is necessary to act actively to reduce the high rate of accidents. For this, we intensified our existing safety campaigns with the population and, besides the North and Northeast states, we took the campaign to Rio Grande do Sul and we have the challenge of expanding to the population of Goiás. In the 2022 strategy, simple language, accessible to all, seeking greater effectiveness in reducing accidents, so that a decrease in these rates is possible in the medium and long term.

 **R\$ 3.4 million**
invested in communication

 **5.8 million**
of people hit by social media contents

 **3.784 k**
mentions with tips, suggestions, acknowledgements or critics

 **R\$ 110 k**
invested only in online media

 **965 actions**
of safety technicians performed in the community, among speeches, distribution of leaflets, safety dialogs, etc.



In 2022, 101 pieces of online and offline communication aimed at the safety of the population were published, an average of 17 pieces per distributor. And to bring the message closer to the public in the outskirts and rural areas, live marketing actions in the neighborhoods were promoted to increase effectiveness.

Another campaign promoted through a security game was the interaction between Alagoas influencer Gabo Pantaleão and Dona Sônia, Equatorial's security ambassador. Dona Sônia also took part in video actions, social networks and billboards that took the safety message to the most remote places. In Rio Grande do Sul, he "supervised" people, alongside the character Guri, protagonist of the summer campaign in Rio Grande do Sul, to find out if his safety guidelines were being complied with.

Electric shock prevention campaigns were particularly relevant in the year, as accidents involving the population increased, rising from 35 occurrences in

2021 to 149 in 2022, mainly related to clandestine connections and theft of equipment and electrical conductors. However, based on the reactive indicators of TF (Frequency Rate) and TG (Seriousness Rate), there was a significant decrease in accidents involving collisions with poles and those caused by broken cables falling to the ground, already in response to investments in network maintenance that the company carried out throughout 2022.

The baseline for establishing purposes and targets are the causes that contributed to the occurrence of accidents and that are related to various activities of the company. The purposes and goals are set in the Annual Strategic Planning, which defines the PPCR, a system for planning and executing actions in the field, where safety actions are set with the community and which measures them quantitatively. The goal of each safety technician is to fulfill 85% of their annual roadmap, and in 2022, the Group obtained more than 90% compliance with the PPCR.

Sanitation

For water quality management, there is a Sampling Plan in accordance with Ordinance MS 888/21, which defines the actions, periodicity and maximum and minimum parameters that guide the actions of the quality laboratory, which is responsible for the annual assembly of the sampling plan and sending it to the state health surveillance, that defines the actions, periodicity and maximum and minimum parameters that guide the actions of the quality laboratory. This is responsible for the annual assembly of the sampling plan and sending it to the regulatory body of the State.

To prevent or mitigate negative impacts related to water quality, we maintain a series of actions, such as:

- daily analyzes of water quality in the distribution and reservoir systems;
- revitalization of ETAs and ETEs structures aiming at improving water and effluent treatment, as well as the correct disposal of sludge;
- texchange and/or replacement of water and sewage networks and equipment, increasing the distribution of networks and improving customer service;

- setting up operational laboratories in the 16 municipalities under concession, to assist in monitoring the quality of the distributed water and in non-compliances.

Given the start of the concession in July 2022, there are policies still under development, as well as the written and trained procedure for managing and responding to impacts. However, the policy regarding the control and surveillance of the quality of water for human consumption and its potability standard, to comply with the ordinance, is already in practice.

We assess water compliance using two indicators:

- 1. The Water Quality Index (WQI)**, measured through the quantity of Escherichia coli samples, turbidity and apparent color carried out in the distribution network;
- 2. The sewage treatment non-compliance index**, measured through the number of samples composed of BOD (Biochemical Oxygen Demand) with a result within the standard.

The quality laboratory annually assembles the Sampling Plan, which defines the actions, periodicity, and maximum and minimum parameters for its actions, and sends reports to the regulatory agency.

It is important to remember that the monitoring of indicators will start from the third year of operation, as established in the concession contract. The analysis laboratories located in the metropolitan region of the state of Amapá and also in the interior help the concessionaire to measure the progress of actions and define new objectives.

Community

GRI 2-13, 3-3, 203-1, 411-1, 413-2

The actions developed in the territories where Equatorial Energia is present add gains to the company's sustainability, which seeks, through them, to contribute to the transformation of the reality of the communities where it operates. It is worth noting that the main function of the projects developed by the Equatorial Group is to look carefully at mitigating the impacts perceived in the surroundings of its operations, as well as in the perception of the service provided, always with a view to people's safety and quality of life.

During the year, the company worked very closely with its stakeholders, strengthening partnerships with various civil entities, such as Fundação Antônio Jorge Dino (Maranhão), Apala (Alagoas), Instituto Força e Luz (Rio Grande do Sul), sponsored by CEEE-D Grupo Equatorial Energia, Pastoral do Menor, Apae, Legião da Boa Vontade and, in particular, the United Nations Children's Fund (Unicef), an institution focused on promoting and defending the children's rights.

With a focus on the development of territories, the company supports the Unicef Seal, an initiative to encourage and recognize real and positive advances in the promotion, realization and guarantee of the rights of children and adolescents in municipalities in the Brazilian Semi-arid Region and Legal Amazon. It should be remembered that the Group allocates its own and incentive resources in the regions of its electricity distributors, which include energy efficiency projects and also socioenvironmental initiatives managed by its concessionaires. Investments are earmarked for infrastructure and service projects, culture, sports, as well as education and job and income generation.

The energy and sanitation businesses, by themselves, are already catalyzing opportunities in the economic, social and environmental spheres, acting strongly to improve indicators linked to health and quality of life. There are also other positive externalities brought about by these services, such as the promotion of the supply chain, as well as the increase in tax collection by the tax collection by the government.



Plataforma E+

Over 1,000 social initiatives developed throughout 2022 by Equatorial are reunited in the E+ Plataforma, which consolidates the company's sustainability and social responsibility actions with the Government, communities and philanthropic entities.

Through E+, the company generates value for society as a whole with a differentiated concept of communicating, systematizing and enhancing sustainable actions. The initiatives are divided into several themes:

- **E+ Luzes na Cidade:** Contributes to the municipalities with public lighting projects;
- **E+ Energia do Bem:** Implements solutions in equipment and technologies to improve the energy efficiency of low-income family homes;
- **E+ Comunidade:** Builds relationships of mutual collaboration with the community through projects such as the Tarifa Social;

- **E+ Geladeira Nova:** proposes the replacement of inefficient refrigerators, contributing to energy savings;

- **E+ Reciclagem:** exchange recyclable waste for bonuses on your energy bill;

- **E+ Cultura:** supports cultural initiatives that value the local population;

- **E+ Esporte:** seeks to strengthen the practice of sports;

- **E+ Energia Profissional:** include professionals in the job market and with entrepreneurship initiatives;

- **E+ Mobilidade:** promotes and evaluates the use of electric vehicles;

- **E+ Segurança:** acts to raise awareness and raise awareness about the safe use of electricity.



E+ Profissional | E+ Educação | ONEE

+ 60 K Students trained

+ **104** courses given

+ **1100** lectures

+ **50** communities benefited

E+ Bônus pra você

+ 10,000 Families beneficiaries

+ **R\$ 8 million** in bonuses for customers

+ **5,900** equipment offered at a discount

+ **13%** of customers became non-defaulting customers

Savings of 3 MWh/year equivalent to **1,800 tons of CO₂ avoided**

E+ Energia do Bem

24 Philanthropic Institutions

Average savings of **53%** on the energy bill

+ **489.4** kWp of clean energy generated

+ **2100** MWh/year equivalent to **1,200 tons of CO₂**

In 2022, the results were expressive:

+ 1,000
developed actions

E+ Comunidade

+ 85,000 families benefited

+ **270** municipalities covered

+ **8,500** families enrolled in the TSEE

+ **10,300** refrigerators replaced

+ **511,000 light bulbs replaced**

E+ Reciclagem

+ 33,500 tons of CO₂ avoided

+ **10,300** tons of waste collected

+ **R\$ 340,000** in bonuses

+ **50** itinerant project events

+ **46 mil** MWh saved, equivalent to supplying over **312,000 low-income families**

+ **91,000** preserved trees

E+ Luzes na cidade

+ 30,000 replaced lamps

+ **R\$ 11.6** million in debt

+ **27** municipalities benefited from IP modernization

+ **1600** MWh/year saved, equivalent to the consumption of **10,000 low-income homes** in 01 year

E+ Energia do Bem

Environmental Benefit



+107 K
trees stopped
being cut down



+511 K
lamps disposed of in an
environmentally correct
way



+10 K
refrigerators
disposed of in an
environmentally
correct manner



Promote the use
of renewable
energy sources in
institutions

Social Benefit

The program, which invests in social actions, benefited 24 institutions during the year, including:

Maranhão:

- Hospital Aldenora Bello;
- Hospital Santa Casa de Misericórdia.

Piauí:

- Abrigo São Lucas;
- APAE - Campo Maior;
- APIPA - Associação Piauiense de Proteção e Amor aos Animais;
- Hospital Universitário - UFPI;
- Lar da Esperança;
- LBV Teresina;
- MANAIN - Abrigo de Idosos;
- Rede Feminina de Combate ao Câncer - Casa de Maria.

Rio Grande do Sul:

- IFSUL - Instituto Federal do Rio Grande do Sul Campus Pelotas;
- UFPEL - Universidade Federal de Pelotas;
- Estação Naval de Rio Grande;
- Hospital DR Ernesto Maurício Arndt de Morro Redondo.

Alagoas:

- Hospital Regional de Arapiraca;
- SAAE Penedo;
- UFAL - Universidade Federal de Alagoas.



+ 489.4
kWp in photovoltaic systems



+ 40
Air Conditioning Retrofit



+ 1.354
Lighting Retrofit



+ 7
Cooling Retrofit



+ Savings of 1,190 MWh/year, equivalent to
60.7 tons of CO2/year avoided

E+ Comunidade

The project is an open dialogue channel with the community. Its initiatives make residents of locations close to Equatorial's operations aware of the safe and responsible use of electricity and encourage safe and efficient habits.

The service provided by Equatorial Group's mobile unit is essential for providing some important services, such as issuing duplicate bills, registering for the Social Electric Energy Tariff and even negotiating debt and changing ownership. Since the implementation of the project, over 256,000 customers have been impacted.

Highlights E+ Profissional e E+ Educação

+ 14 professional training courses held (barber, manicure/pedicure, eyebrow design, makeup, nail extension, administrative assistant);

+306 lectures in schools and institutions;

Certification of **over 120 students** from the School class and Electricians (PA, MA, PI, AL and AP)

1 group of 23 women electricians in the Pará.

E+ Profissional e E+ Educação

In 2022, E+ Profissional and E+ Educação trained over 1.771 students. Six of them stood out at the National Energy Efficiency Olympics (ONEE) and were summoned to participate in the final phase in Brasília (DF).

E+Cultura e E+Esporte:

In the year, more than R\$46 million were invested in cultural and sports projects, numbers that doubled in relation to the previous year.

In Maranhão, in the last year alone, through incentive laws, there were 10 sports projects and 57 cultural projects, including music festivals,

publications, support for local artists, theater shows and popular demonstrations. The distributor is a partner of the Government of the State of Maranhão in specific cultural projects such as São João and Natal, activities that are already on the state's cultural calendar.

In Pará, Equatorial stood out again, being among the companies that most invest in culture through incentive laws in the North Region. Among the outstanding projects are Círio de Nazaré, Arraial do Pavulagem, Çairé, Talentos Pará, Festival do Carimbó de Marapanim and also with FestibalVaranda de Nazaré and Arte Pará.

In Piauí, the distributor reached the number of 200 projects sponsored through the State Culture Incentive System (SIEC). Music, theater, dance, humor, cinema, literature, plastic arts, gastronomy, research and documentation, historical, artistic and environmental heritage, among many others, were benefited by E+ Cultura in the state.

In Alagoas, Equatorial started to support a project through the Federal Culture Incentive Law, promoting social inclusion and development. One of the most relevant actions in the state is the Núcleo de Orquestras Jovens de Maragogi, in partnership with Associação Viva Música: the project involves training, interaction and sociocultural integration of 60 children and adolescents from public schools in the municipality, through workshops on music theory and practice.

In Rio Grande do Sul, CEEE-D carried out 11 sponsored projects, such as the 1st International Festival of the Harmonica, the 73rd Generation and Distribution of the Crioula Flame, in the municipality of Canguçu, in addition to the 40th Farroupilha Camp in Porto Alegre, which brought together more than one million visitors to Parque Harmonia in its 20 days.

Standing out in 2022, as the focus of E+Esporte, is the support for Sampaio Basquete, the team that represents Maranhão in the Women's Basketball League, the Sports Actions of Jaracaty, a social project that offers judo, table tennis and futsal classes for more than 150 children and teenagers in the neighborhood of Jaracaty, in São Luís, and in the city of São Mateus support the group São Mateus do Amanhã, with judo classes. CEEE Grupo Equatorial Energia started a project focused on sport and inclusion, sponsored by the State Law for Sports Incentive – LIE, which promotes judo and jiu-jitsu classes for adult PCDs in the city of Porto Alegre.

E+ Segurança

The platform focused on security promotes lectures to the general public, in addition to disseminating information on the topic on social networks and television media.

Safety Booklet for the population

Equatorial Energia's Safety Booklet is printed and distributed in communities during inspections and lectures. The document was updated in 2022 and around 30,000 new copies should be printed for dissemination in 2023, alongside new actions of the Monthly Safety Plan. The material was created by the Corporate Occupational Safety Management with the support

of the distributors' occupational safety executives and consolidated by the Corporate Management of External Communication, Marketing and Sustainability.

Equatorial Energia reinforces its commitment to the communities surrounding its facilities to contribute positively to transforming the reality of these places, promoting actions that value diversity and inclusion and adopting measures to mitigate the impacts that may be caused by its activity.

Maintaining a safe environment is a priority. Risks of electric shocks or fires in broken cables, especially in low-income communities, are constantly monitored, to eliminate such occurrences. Equatorial Group distributors also develop communication campaigns to raise awareness and educate local

populations about the safe use of electricity.

The impacts of high voltage power transmission operation, in turn, are related to noise from substations and high voltage networks. In this sense, the Group adheres to strict environmental controls to comply with what is required by the Brazilian environmental licensing.

Building good relationships with the community in the places where it operates is extremely important for Equatorial Energia. Therefore, the company encourages its suppliers to participate locally in sustainable development actions and to respect the right of all citizens to peaceful expression and demonstration.

Equatorial Energia reinforces its commitment to the communities surrounding its facilities to contribute positively to transforming the reality of these places.

Electricians' Training School

They will be able to participate in the Group's selection processes and, even if they are not hired immediately, they will remain in the talent pool.

418 professionals graduated in 2022, one of which was made up of 100% women, in the state of Pará.

As it was a success it ended up being extended to six states (Maranhão, Pará, Piauí, Alagoas and Amapá), based on partnerships signed with the National Service for Industrial Learning (Senai). The initiative will allow Equatorial Energia's entire body of electricians (own and partners) to have the same standard of professional excellence, as they will be able to participate in the selection processes for partners of the Equatorial

Energia Group and, also, for the company itself. Even if they are not hired immediately, they will remain in the talent pool.

Equatorial Energia closely monitors the student, who receives an allowance of about R\$ 765 per month for the duration of the course, which includes a complete workload with classes on the regulatory norms, defensive driving, and even behavioral courses, a differential in relation to the market's training courses, expanding the participants' employability opportunities.

The dropout rate is another advantage: there were no dropouts due to non-identification with the profession in the year's courses in four states, with the exception of Amapá, where the School was included in the state program called Amapá Jovem.

In the state, there was a lack of manpower for the breakdown of the teams needed to join the team of employees. A large mobilization, in partnership with the local government, attracted young people in conditions of social vulnerability. Young people from the Amapá Jovem project went through a selection process and 219 of them graduated – with a dropout rate of just 10%.

The initiative is in line with SDG 4 (Quality Education), defined as a priority by the company, while also complying with SDG 8 (Decent Work and Economic Growth).



418 students

68% men and **32%** women
55% of contracted students



Average income before the course:

R\$ 837.21

Average income after the course:

R\$ 1,994.34

Equatorial generates with the course R\$134,869.50 in financial circulation in the localities.

Relationship with Traditional Cultures

GRI 411-1

Equatorial has reinforced in its technical areas the need to redouble attention during the execution of works that eventually border indigenous lands, traditional communities and other sensitive areas. On all fronts, the company continues to seek understanding and conciliation with indigenous communities through the help of the Federal Public Ministry, Funai and other competent bodies, to better deal with the challenges inherent to the region and its characteristics.

However, it is important to emphasize that during this reporting period, 14 cases of demands related to the installation of energy distribution networks in indigenous lands were identified, four of them in the State of Maranhão, where the Gamela (Viana and Matinha), the Krikatis (Sítio Novo/Montes Altos) and the Awa-Guajá (São João do Caru) were involved. In Rio Grande do Sul, orders for the supply of electricity to the indigenous community in Bairro da Lomba do Pinheiro, in Porto Alegre, were executed at the end of 2022. In Pará, seven cases related to the installation of

energy distribution networks were identified, linked to Itaúna Itatá (Senador José Porfírio and Altamira) and Cachoeira Seca (Uruará and Placas).

Equatorial points out that, on December 12, 2022, it became aware of a criminal complaint from the Federal Public Ministry (MPF) involving the three projects in the Cachoeira Seca area. The company's preliminary analysis of the calls points out that the georeferenced location obtained does not match the data in the MPF complaint. Additionally, the accounts linked to the supply of electricity are from locations outside the Cachoeira Seca indigenous land and there are strong indications that they are irregular connections, made by third parties, illegally, without registration of consumption and without a meter, that is, without interference from Equatorial Pará, besides not following the technical standard of the concessionaire in its other projects and connections. The company's defense was forwarded in January of the following year, in which Equatorial Energia shows

The important operating units (distributors, transmission companies and Echoenergia) maintain a percentage of 53% of members of the statutory boards hired from local communities, and the percentage of women hired was 19.6%.

that it did not commit any of the infractions that were attributed to it.

As a result, a criminal complaint against the company was rejected after presenting a defense and dispatching it to the magistrate.

Another 34 connections in indigenous lands in the Pará region were the subject of environmental administrative procedures, with the installation of a meter and registration in the concessionaire's customer base. For these connections and installations, Equatorial Pará reported that it has been disconnecting network points and uninstalling connections upon request from the Brazilian Institute for the Environment and Renewable Natural Resources (Ibama), authorization from Funai and support from public safety agencies, since they require joint efforts to be operationalized.

Additional Care

Throughout 2022, Equatorial Pará strengthened its relationship with indigenous leaders and representative bodies. For new connections in indigenous lands, besides the customer's CNPJ/CPF, the concessionaires began to demand, once again, the Administrative Birth Registration of Indigenous People (Rani) to authorize and approve the installation of new projects, thus making sure that consumers are in fact people belonging to the local indigenous communities. Such a procedure is not required by Aneel, but an additional precaution by the company.

In addition, from 2022 onwards, to improve the visualization and identification of areas that require licensing and specific services (also initiative and voluntary and additional care on the part of the company). As a result of this new procedure, several requests for new connections were automatically rejected, without the need for a field survey.

Equatorial Pará has strengthened its relationship with indigenous leaders and representative bodies. For new connections on indigenous lands, in addition to the customer's CNPJ/CPF of the customer, the concessionaires are again demanding the Indigenous (Rani) to authorize and approve the installation of new projects.

Fostering Development

GRI 3-3

Equatorial Energia serves low-income communities in urban areas and in remote locations in Brazil, and of the 7 states where the company operates, 5 have the lowest HDI. Thus, its work with public programs of a social and infrastructure nature seeks to contribute, in some way, to the development of Brazil. Besides generating direct and indirect jobs, the group's work is of great importance in guaranteeing essential services such as access to electricity and sanitation, directly contributing to SDGs 4 (Quality Education), 7 (Affordable and Clean Energy) and 13 (Climate Action), which the company understands as priorities in its management.

Social Tariff

The benefit of the Social Tariff is considered extremely important for the Group. Currently, 3.1 million families are benefited, highlighting the growth of 515 thousands of consumers classified as low income over 2021.

In regions where it is not feasible to implement the distribution network, Equatorial registers traditional communities for the Social Electricity Tariff and installs photovoltaic panels . Only for the Mais Luz

para Amazônia (MLA) Program, 6,677 connections were made in the municipalities of Curralinho (2,209 connections), Melgaço (1,092 connections) and Portel (3,376), all in the state of Pará . Around 33,385 people were served (average of five people per consumer unit), with a total investment of around R\$240 million. Connections under the MLA were not executed in the other distributors in 2022.

More Light for the Amazon Program (MLA)

6,677 connections were made in the Pará municipalities of Curralinho, Melgaço and Port

Approximately **33,385 people** were **assisted**

Total **investment** of approximately **R\$ 240 million**

Luz para Todos Program

Also a key initiative for the company, the National Program for Universal Access to and Use of Electric Energy – Luz para Todos brings electricity to the neediest population in rural areas. Equatorial's partnership with the Federal Government occurs in activities such as extending networks, implementing isolated systems and making household connections.

Energy and Sanitation for Society

GRI 3-3

Access to electricity is directly regulated by ANEEL (Agência Nacional de Energia Elétrica), which regulates the Federal Government's policies and guidelines for the use and exploitation of electricity services. It is also up to the Agency to define service quality and safety standards compatible with regional needs, focusing on the technical, economic and environmental viability of actions. The Equatorial Group has been operating in the energy distribution segment since 2004, following the acquisition of CEMAR, currently Equatorial Maranhão, the Group's first distributor. Since then, the company has been consolidating its expertise in areas of high complexity, not only operational, but also social: Maranhão, Pará, Piauí and Alagoas are among the states with the lowest HDIs in the country. In this sense, the Group seeks not only to bring quality energy, guaranteeing the reliability and safety of the product, but also to somehow bring quality of life to the populations in the territories where it operates. It should be noted that, as a regulated company, Equatorial Energia follows the metrics and requirements established in its concession contracts, reporting directly to the regulatory body.

CSA (Companhia de Saneamento do Amapá) is the Group's newest concessionaire, operating in 16 municipalities with low water supply and sewage treatment coverage in the state. Based on this history, the concessionaire seeks to universalize sanitation services, knowing that working with communities is essential for this to happen. In addition, the focus on the service user and the strong expertise in serving low-income populations (through its work in distribution in the states with the lowest HDIs), endorse Equatorial's operation in difficult-to-operate locations. Work in Amapá will require numerous investments in 2023, rehabilitation of existing infrastructure, construction of reservoirs and standardization of water connections.

The concessionaire's main commitments to guarantee access to sanitation services are defined through the concession contracts. There are specific indicators for the concession contracts, which are followed up by the regulatory body to ensure compliance with the universalization targets.



6

PERFORMANCE

Operating **117**

Financial **130**



Operating

The year 2022 was extremely important for the Equatorial Group, which consolidated its operations in the distribution segment and debuted its operation in sanitation. The start of operations at CSA (Concessionária de Saneamento do Amapá), acquired in September 2021 through Consórcio Marco Zero and, at the end of the year, at CELG-D (currently Equatorial Goiás) embody the company's growth agenda, which It also completed the acquisition of Echoenergia during the year and disinvested in Geramar, completely withdrawing from the diesel oil thermoelectric generation segment.



Transmission

Intesa's RAP in 2022 was R\$189 million and the eight SPEs was R\$1.09 billion, adding up to R\$1.3 billion in a variation of 9.4% when compared to 2021.

It is also worth highlighting some improvements implemented in the transmission throughout 2022:

- Improved synchronous compensators during SAM for increased reliability;
- Improving the signal columns of all capacitor banks to increase reliability;
- Implementation of the operator training platform and event simulation at the Operations Center (COS);
- Installation of anti-landing system on Intesa Lines with incidence of birds (*curicacas*) to increase reliability;
- Renovation of Intesa's TWs ("Traveling Wave Relays") – giving greater assertiveness in the analysis of defects



Distribution

GRI 2-6

Maranhão

In 2022, the amount of electricity required by the Equatorial Maranhão system reached the level of 8,920 GWh, an increase of 3.55% compared to 2021, and billing reached 7,350 GWh, which represented an increase of 4.77% also in relation to 2021. Thus, the energy losses recorded by the Company in 2022 totaled 1,570 GWh, equivalent to 17.6% of the required energy, implying a decrease of 0.96 p.p. of the loss index in relation to the closing of 2021, a significant decrease, already bringing the company's loss level closer to the regulatory level. The highlights below describe the actions carried out in the plan to fight losses:

- Regularizing 4,400 customers in the improvised connection area, requiring extensions to be medium and low voltage networks;
- Inspecting 3,700 customers with medium and high voltage power supplies;
- Installing the SMC (Centralized Measurement System) in 21,000 low-voltage customers.

- Re-registering the Public Lighting Hub in 56 municipalities;
- Inspecting 233,500 customers with low voltage electric energy supply;
- Regularizing 14,300 illegal customers in an area where there was a power grid;
- Regularizing 5,400 clients disconnected from the system and irregularly reconnected;
- Identifying and regularizing 76,100 measurement frauds at BT consumer units;
- Installation of 240 fiscal measurements in distribution transformers, aimed only at the vegetative growth of the existing park.

Today, Equatorial Maranhão has 12,000 transformers monitored for energy balance purposes, corresponding to 57% of its low voltage market, thus allowing for a more assertive direction of its operations.

Pará

The amount of electricity required by the Equatorial Pará system in 2022 reached the level of 13,838 GWh, a 4% increase compared to 2021. The distributor's revenue reached 10,032 GWh, which represented an increase of 6.14% compared to 2021. Thus, the energy losses recorded by the company totaled 3,805 GWh in the year, equivalent to 27.5% of the required energy, implying a decrease of 1.49 p.p. of the loss index in relation to the closing of 2021. Below are highlighted the company's actions in its program to fight losses:

- Regularizing 6,200 customers in the improvised connection area, requiring extensions to be medium and low voltage networks;
- Inspecting 3,900 customers with medium and high voltage power supplies;
- Installing the SMC (Centralized Measurement System) in 83,400 low-voltage customers.
- Re-registering the Public Lighting Hub in 22 municipalities;
- Inspecting 277,100 customers with low voltage electric energy supply;

- Regularizing 17,200 illegal customers in an area where there was a power grid;
- Regularizing 6,600 clients disconnected from the system and irregularly reconnected;
- Identifying and regularizing 141,100 measurement frauds at BT consumer units;
- Installation of 1,027 thousand fiscal measurements in distribution transformers.

Currently, Equatorial Pará has 22,000 monitored transformers, corresponding to 60% of the low voltage market.

Piauí

In 2022, the amount of electricity injected into the Equatorial Piauí system reached the level of 5,063 GWh, a decrease of 1.09% compared to 2021, and billing reached 4,134 GWh, which represented an increase of 0.57% in comparison with the previous year. Thus, the energy losses recorded by the Company in 2022 totaled 929 GWh, equivalent to 18.3% of the energy required, down by 1.3 p.p. compared to the 2021 loss index. The items below highlight the actions related to the distribution company's loss fight plan:

- Regularizing 2,450 customers in the improvised connection area, requiring extensions to be medium and low voltage networks;
- Inspecting 1,890 customers with medium and high voltage power supplies;
- Re-registering the Public Lighting Hub in 62 municipalities;
- Inspecting 127,240 customers with low voltage electric energy supply;
- Regularizing 3,080 illegal customers in an area where there was a power grid;
- Regularization of 391 customers disconnected from the system and irregularly auto reconnected;
- Identifying and regularizing 23,700 measurement frauds at BT consumer units;
- Installation of 32 new fiscal measurements in distribution transformers, in addition to the consolidation of the register of other existing measurements.

Currently, Equatorial Piauí has 5,900 transformers monitored for energy balance purposes, which corresponds to 50% of its low voltage market, allowing for more assertive targeting in actions to fight losses.

Alagoas

In the year, the amount of electric energy required by Equatorial Alagoas' system reached the level of 5,105 GWh, a reduction of 0.4% in relation to 2021, and the billing reached 4,082 GWh, which represented an increase of 2.4% in relation to 2021. Thus, the energy losses recorded by the Company in 2022 totaled 1,023 GWh, equivalent to 20.0% of the required energy, implying a reduction of 2.2 p.p. of the loss index in relation to the closing of 2021. The plan to combat losses at the distributor included:

- Regularization of 1,300 customers in improvised connection area, being necessary to carry out extensions of medium and low voltage networks;

- Installation of the SMC (Centralized Metering System) in 22,700 low-voltage customers;
- Inspection of 1,800 clients with energy supply in medium and high voltage;
- Re-registration of the Public Lighting Hub in 46 municipalities;
- Inspection of 120,400 customers with low voltage power supply;
- Regularization of 10,500 clandestine customers in area where there was power grid;
- Regularization of 981 customers disconnected in the system and self-connected in an irregular manner;
- Identification and regularization of 66,700 frauds in the measurement in BT consumer units;
- Installation of 31 fiscal measurements in distribution transformers.

Currently Equatorial Alagoas has 8,100 transformers monitored for energy balance purposes, corresponding to 70% of its low voltage market, thus enabling a more assertive direction of its operations

CEEE Equatorial Energia

In 2022, the amount of electricity required by the Companhia Estadual de Distribuição de Energia Elétrica – CEEE system reached the level of 9,740 GWh, an increase of 0.9% compared to 2021, and billing reached 8,191 GWh, which represented an increase of 4.2% also in relation to 2021. Thus, the energy losses recorded by the Company in 2022 totaled 1,549 GWh, equivalent to 15.9% of the required energy, implying a decrease of 2.7 p.p. of the loss index in relation to the closing of 2021.

At CEEE, 2022 was marked by the consolidation of planning and actions initiated in July 2021, from the start of operations under the management of the Equatorial Group. The work model

already adopted in other distributors of the group was sedimented, observing the particularities and reality of the local market. The expansion of the structure dedicated to combating electricity losses was completed in the third quarter of 2022, maintaining the focus on constant training and qualification of the teams, to advance the productivity and efficiency of the initiatives. The work plan drawn up had as its main initiatives the updating of public lighting facilities in the municipalities in the concession area, normalization of the measurement of low and medium voltage consumer units, regularization of consumer units connected to clandestine networks (improvised connection areas), in addition to the start retrofit work and expansion of customers served through SMC (centralized measurement system). These practices were based on detailed diagnoses, in loco, to define the best way of acting for the different characteristics of the concession areas. The highlights below bring together the main measures

implemented in the plan to fight losses at the distributor:

- Expansion of the teams dedicated to combating losses, reaching the number of 230 for operation in low voltage and 26 in medium voltage, totaling 256, growth of more than 400% in relation to the existing structure in July 2021;
- Regularization of 6,168 customers in the improved improvised connection area, requiring extensions to medium or low voltage networks;
- Re-registration of the Public Lighting park in 49 municipalities. These actions, added to those initiated in the second half of 2021, already under the management of Equatorial, completed this work in 100% of the concession area (72 municipalities);
- Inspection of 183,000 customers with low voltage electricity supply, in addition to another 4,000 served at medium voltage or with indirect metering;
- Regularization of 161,000 customers with disabilities or metering fraud;
- In areas served by a centralized metering system (SMC), 4,583 consumer units were inspected, with regularization of energy metering in 3,469 cases;
- Replacement of 3,400 meters of low voltage units that were being billed for the minimum amount (availability cost).

CEA Equatorial Energia

In 2022, the amount of electricity required by the CEA - Equatorial Amapá system reached the level of 2,075 GWh, a 0.1% decrease compared to 2021, and billing reached 1,121 GWh, which represented a decrease of 0.6% compared to 2021. Thus, the energy losses recorded by the Company in 2022 totaled 953 GWh, equivalent to 46.0% of the required energy, implying an increase of 0.3 p.p. of the loss index in relation to the closing of 2021. The main measures related to the plan to fight losses in the year were:

- Regularizing 1,458 customers in the improvised connection area, requiring medium and low voltage network extensions;
- Inspection of 100 customers with medium and high voltage energy supply;
- Re-registration of the Public Lighting Hub in 16 municipalities;
- Inspection of 36,693 customers with low voltage electricity supply;
- Regularization of 5,016 clandestine customers in an area where there was a power grid;
- Regularization of 410 customers disconnected from the system and irregularly auto reconnected;
- Identification and correction of 20,071 measurement frauds in BT consumer units;
- Replacement of 17,824 meters that had problems;
- Installing 290 fiscal measurements in distribution transformers.

Investments in Distribution

Maranhão

Equatorial Maranhão's investments, excluding direct investments related to the Luz para Todos Program, totaled R\$ 879 million in 2022, a 73.1% growth compared to 2021. Such investments are mainly focused on expanding the distribution network's transformation capacity, in view of the continuous growth in the state's energy demand.

Pará

The amount invested in the Pará concessionaire reached R\$1.8 billion and focused on improving the quality of supply and expanding the energy distribution service. The Company invested more than R\$ 199 million through the Luz para Todos Program, benefiting approximately 2.31 million inhabitants in the whole state of Pará and, in the Mais Luz para Amazônia (MLA) Program, the investments amounted to R\$ 276 million, benefiting 50 thousand inhabitants.

Piauí

The concessionaire reached the highest level of total investments in the state since the year 2018, reaching R\$ 732 million: R\$ 638 million in own investments and R\$ 94 million related to the Luz para Todos Program, almost double the amount invested in 2021. The application of resources was focused on the improvement and modernization of the system, expansion of the network and energy distribution services. In the Luz para Todos Program, the Company advanced with more 10,528 new connections.

Alagoas

In 2022, Equatorial Alagoas' investments totaled R\$ 426 million, an increase of 45% compared to the previous year directed mainly to the expansion and maintenance of the energy distribution network. There is no Luz para Todos Program in the state.

CEEE Equatorial Energia

CEEE's investments totaled R\$ 751 million in 2022, an increase of 74% compared to 2021. These investments were concentrated in the improvement and expansion of the transformation capacity of the distribution network, in view of the continuous growth in the demand for energy in the state.

CEA Equatorial Energia

In the year, investments by CEA - Equatorial Amapá, excluding direct investments related to the Luz para Todos Program, totaled R\$ 388 million.



Quality Indicators

GRI 3-3













The quality and efficiency level of the distribution system is evaluated by the indexes of Equivalent Interruption Duration per Consumer Unit (DEC), which measures the average duration of interruptions in hours per customer and per

period; and Equivalent Frequency of Interruption per Consumer Unit (FEC), which measures the frequency of interruptions regarding several interruptions per customer and period. The lower these indexes, the better the quality of the operation.

(MWh)	Maranhão	Pará	Piauí	Alagoas	Rio Grande do Sul	Amapá	Total
Injected Energy	8,920,973.0	13,838,403.0	5,063,655.0	5,105,382.0	9,739,736.0	44,742,891.0	87,411,040.0
Change compared to 2021	3.6%	4.0%	-1.1%	-0.4%	0.9%	1.9%	8.9%
Distributed Energy	7,350,895.0	10,032,564.0	4,134,632.0	4,082,005.0	8,191,398.0	1,121,277.0	34,882,771.0
Change compared to 2021	4.8%	6.1%	0.6%	2.4%	4.2%	-0.6%	17.5%
Connection Energy with Other Distributors	6,991.0	-	144,615.0	18,087.0	57,305	-	226,998.0
Change compared to 2021	0.3%	N/A	-7.1%	2.1%	3.5%	N/A	-1.2%













DEC Indicator

| hours

	2021		2022		
29.0		MA		24.7	▼ -15%
22.1		PA		18.8	▼ -15.2%
29.0		PI		24.5	▼ -15.6%
23.8		AL		18.8	▼ -21.2%
18.1		RS		17.8	▼ -1.7%
36.5		AP		44.0	▼ 20.6%

FEC Indicator

| times

	2021		2022		
9.7		MA		8.6	▼ -11.7%
11.9		PA		9.3	▼ -22.0%
13.9		PI		11.0	▼ -21.0%
10.2		AL		7.8	▼ -23.5%
9.7		RS		8.5	▼ -12.8%
19.1		AP		19.7	▼ 3.0%

Renewables

Echoenergia's wind complexes increased their energy production over 2021, largely due to the start-up at the beginning of the year of the Serra do Mel II Complex, comprising the wind farms Echo 8, Echo 9 and Echo 10 (see [more in News business page 33](#)). However, the decrease in the average

wind speed in the region reduced the positive impact of the insertion of new plants.

The adjusted technical availability (12 months) reflected the evolution of preventive and corrective maintenance in the São Clemente, Tianguá and Echo 2 assets.

(MWh)	4Q21	4Q22	VAR	2021	2022	VAR.
Wind Speed [m/s]	8.3	8.0	-4.2%	7.7	7.4	-4.2%
Net Energy Generated [GWh]	1,307.9	1,359.9	3.97%	4,330.5	4,572.3	5.6%
Adjusted Technical Availability[%]	96.1%	96.8%	0.7%	96.5%	96.2%	-0.4%

Values measured at the center of gravity.



Water Treatment

The operation of the Amapá Sanitation Concessionaire (CSA) started at an accelerated pace. Work on the water metering fronts, customer re-registration, infrastructure adaptation and improvement of water quality have been carried out since the beginning of the operation, on July 13, which accounted for over 89,000 active units for the water distribution service.

Even before taking over the operation, Equatorial Energia prepared an emergency plan based on three pillars: operational safety (to reduce prolonged interruptions); water quality and rational use of water. The latter seeks to raise awareness about the use, to avoid waste, eliminate leaks and establish the perception of value of the service provided.

The concession operates in 16 municipalities in Amapá and, in many of them, it has already been possible to promote a significant increase in coverage. The great challenge at the Water treatment at CSA was

to align the business’s capacity to mature with the population’s demand, which is significant: Macapá has the worst sanitation coverage rate among the 100 largest cities in Brazil, both in terms of the water supply system and the sewage system.

The very promotion of the management model transition, from public to private, generated many expectations, which need to be met to change

the reality of the state. Law 14026/2021 requires the universalization of the water system, aiming to achieve 99% supply coverage by 2033. Large necessary investments have already been planned for the next fiscal year, such completion of rehabilitation of existing infrastructure, construction of reservoirs and continuity of the program to standardize water connections in all 16 cities.

CSA - Concessionária de Saneamento do Amapá

Water	2022
Active economies (un.)	85,740.0
Billed Volume (m³)	9,307,269
Coverage Rate (%)	41.0%*
Losses - IPD (%)	65.3%*
Network extension (km)	931*

¹ Estimates in 2022, area is in the process of re-registration

Sewage Collection and Treatment

When CSA arrived in Amapá, approximately 50 thousand people were covered by a sewer network that was only 372km long, without proper treatment of collected sewage. The company made significant changes in the first month of operation, with the challenge of meeting the legal requirement of reaching 90% of the population by 2033.

As a way to get around the problem, Equatorial decided, still in the assisted operation period, to recover an abandoned sewage treatment

plant in Macapá and treat the effluents from the first day of operation. By the end of 2022, the Company was already treating the sewage of more than 40 thousand people in the state.

It is worth mentioning the low coverage of the sewage collection system in the CSA has contractual targets that help it measure its performance: in 11 years, to reach 99% of the state in terms of water supply and, in 18 years, to reach 90% of sanitation coverage.

Sewage	2022
Active economies (un.)	12,137
Billed Volume (m³)	1,311,419
Coverage Rate (%)	7%
Network extension (km)	372



Innovation

GRI 3-3

For Equatorial Energia, having a business-oriented innovation strategy is essential to improve the customer journey and keep them satisfied with the services provided by the company. It is also important to emphasize the relevance of the theme in terms of value creation, in view of the challenges faced by the energy sector in the midst of the global scenario of energy transition.

During the year, the company established partnerships with startups, research institutes and universities, with a focus on developing new technologies and improving the business model. Resources from the Research and Development Program (R&D), regulated by the National Electric Energy Agency (Aneel), assisted 42 projects in the year, with a total investment of more than R\$40 million.

The Group, also in 2022, established a new structure in the Customers and Services Department, the Superintendence of Digital, Innovation and Special Projects, to lead projects related to innovation. The new arrangement brought about significant changes in the management of processes, which were strategically grouped into four macro themes: operational efficiency, customers, digital transformation and ESG.

Operating Efficiency

With a focus on business operations, the area will implement SIGA, the Intelligent Activity Management System, a tool that will optimize customer access to the execution of the services provided: there is the possibility of accompanying, for example, the journey of the technician to the inspection and repair until arrival at the residences, as well as evaluating the service through the Company's application.

In addition, improvements will be implemented to optimize process digitization, systems modernization and real-time decision making:

- Installation of Smart Meters;
- IoT sensing;
- Automation of AT/RD Maneuvers;
- Prediction and callback with smart meters;
- Management of voltage levels in the network;
- Investment Plan Integrated to O&M

During the year, the company also acquired a truck with the function of a mobile tower, which replaces damaged transmission towers or those undergoing maintenance. The investment helps the teams to carry out the service without interruption in the supply of electricity.

Customers

Clara, the virtual assistant, was one of the first initiatives of its kind in the electricity sector, offering 2nd copy of bills, payment code, debt query, registration of low-income social tariff, among other facilities. In 2022, the company began the development of Clara 2.0 to also include the new concessionaire in Goiás in the services, in addition to improving the customer experience, with the insertion of new services and functions, in addition to usability buttons.

Digital Transformation

The Smart Collection Project led the company's investments in intelligent collection solutions. Its incorporation will allow:

- More stable billing platform, integrated with SAP and real-time data;

- Allocation of resources more assertively, with the definition of the most efficient tool per client;
- Decision making supported by analytical intelligence (models that identify behavior patterns) and integrated dashboard.

Clean Network Project

It is a project under development where the pruning cycle will be supported by artificial intelligence and images collected via satellite to reduce costs and cause fewer interruptions in services. It is worth remembering that vegetation is the main offender of the quality indicators, also impacting the number of registered occurrences and also the financial aspects. The algorithm will identify and predict vegetation growth in relation to the power grid to plan how much and when to prune, impacting:

- Decrease in DEC rates at distributors;
- Decrease of fines for violation of quality indicators;
- Revenue increase by recovering energy lost in faults
- Optimum planning of investments in tree pruning;

GPS project

The improvement will ensure that the system is more assertive in identifying areas of energy theft, making an intelligent prioritization of areas for regularizing clandestine connections through satellite images and analysis of financial viability.

ESG

The company's ESG agenda is also reflected in the projects developed in energy efficiency and R&D, after all, innovation is something done by people for people. During the year, the company advanced in its electric mobility project, establishing an electric route with fast charging chargers in 12 charging stations between the states of Maranhão, Pará, Piauí, Alagoas and Rio Grande do Sul. The company also instituted the Rota do Sol, connecting the capitals of São Luís and Teresina with fast charging chargers for electric vehicles.

The intelligent electrical grid of the Military Launch Base of Alcântara (CLA-MA) was also concluded during the year, with the installation of a solar plant and the BESS (battery energy storage system) with 1MWh of autonomy. The system contributes to the national strategy of protagonism in the in the global aerospace scenario.

Efficiency and Recycling

Through incentive programs, in 2022 Equatorial Energia replaced more than 50,000 refrigerators and 800,000 light bulbs, directly reaching more than 200,000 families ([See more about this in the Chapter environmental, page 50](#)).

Future Vision

One of the major advances in 2022 was the work on the Institute of Science and Technology (ICT) EQT Lab, an 18th - century mansion completely revitalized by the Company that will be a place to foster a culture of innovation, in addition to being an open space for incubating teams of innovation and incentive to the training of specialized labor. The idea is for the space to be used by the group's employees and by the local innovation ecosystem, forming connection and enabling new innovation projects with an impact on society.

Financial

GRI 201-1

Grupo Equatorial ended 2022 with gross operating revenue of R\$36.8 billion, consolidating a 14.6% increase compared to last year. The completion of the acquisition of Echoenergia and the acquisition of CELG-D (Equatorial Goiás), an energy distributor in the state of Goiás, were some of the highlights that contributed to the positive result in the cycle, which also includes the company’s entry into the sanitation segment, through the Amapá Sanitation Concessionaire (CSA).

In transmission, the company also achieved a positive variation of 9.8% in the consolidated RAP (Permitted Annual Revenue) of its nine assets, ending 2022 with revenue of R\$1.2 billion. It is worth noting that the financial year also reflected the consolidation of the Group’s strategic planning in the generation segment: in January 2022, the Administrative Council for Economic Defense (CADE) approved the sale of Geramar, the SPE responsible for operating two thermoelectric plants located in Maranhão, a process that marked the company’s disinvestment in power generation assets with high polluting capacity.

Net revenue in 2022 was R\$27.1 billion, showing growth of 11.9% compared to 2021 and a robust

consolidated cash position of R\$8.4 billion. **Adjusted consolidated EBITDA, in turn, ended the year at R\$7.6 billion**, a variation of 39.4% due to the increase in the gross margin of the distributors, due to the decrease of losses and market and tariff effects, in addition to the turnaround process for new assets and the consolidation of the renewable energy operation. The company’s net income, in turn, amounted to R\$1.4 billion, impacted by the negative financial result, reflecting the increase in the CDI rate.

Consolidated investments totaled R\$5.3 billion, values 84.4% higher than the previous year,

influenced by the significant investment in distribution (R\$5.1 billion) for the strengthening and expansion of the network, in renewable generation with Echoenergia (R\$103 million), sanitation, through CSA (R\$61 million) and services (R\$36 million). Consolidated gross debt reached R\$42.1 billion, already considering the consolidation of CSA and Equatorial Goiás. The company’s leverage, measured by the net debt/EBITDA ratio for covenant purposes, ended 2022 at 4.1 times, against a limit of 4.5. The indicator captures a temporary increase in leverage due to the consolidation of new assets.

Direct Economic Value Generated and Distributed

| R\$ thousand

	2020		2021		2022	
Value Added to Distribute	12,022,779	100%	16,058,287	100%	19.508.214	100%
Net Revenue	12,022,779	100%	16,058,287	100%	19,508,214	100%
Distributed Economic Value	9,608,020	79.9%	12,754,215	79.4%	18,016,493	92.4%
Personnel (compensation and benefits)	518,587	4.3%	823,894	5.1%	873,855	4.4%
Taxes, fees and contributions	6,493,245	54%	7,869,413	49%	10,611,677	54.4%
Third-Party Capital Compensation	1,563,294	13%	3,062,471	19%	6,100,679	31.2%
Interest on Shareholders’ Equity and Dividends	1,032,894	8.5%	998,437	6.2%	430,282	2.2%
Economic Value Generated	2,414,759	20%	3,304,072	20.5%	1.491.721	7.6%

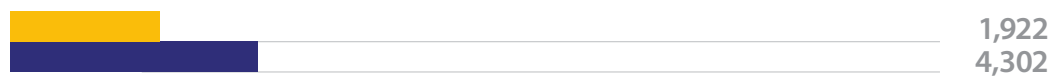
Financial Highlights R\$ million

R\$ million

Net operating revenue (NOR)



Net income for the period



Investments



2022

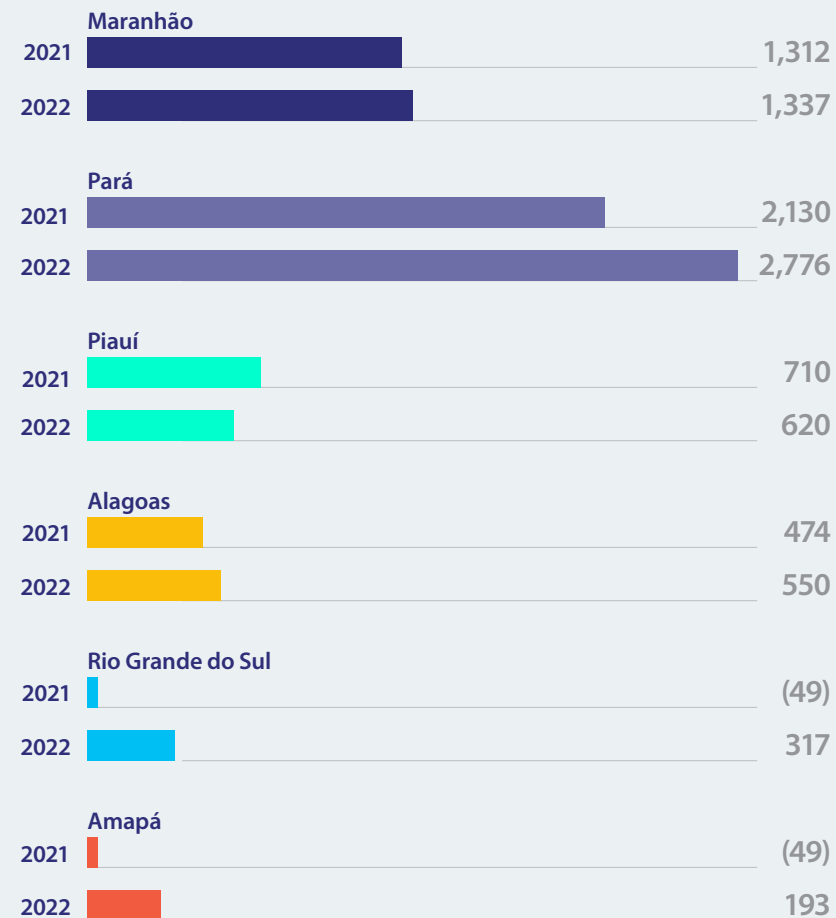
2021

Adjusted EBITDA

R\$ million



Adjusted EBITDA per distributor



7

EXHIBITS

GRI, SASB and ANEEL Content Index **132**

Aneel Indicators **142**

Assurance Report **211**

E+ Mobilidade
Elétrica

**Eletroposto de
veículos elétricos**



GRI, SASB and ANEEL Content Index

GRI content index

Statement of use	Equatorial reported in accordance with the GRI Standards for the period from January 1, 2022, to December 31, 2022.
GRI 1 usada	GRI 1: Foundation 2021
Applicable GRI Sector Standard(s)	GRI G4: Electric Utilities

Content		Page/Response	Omitted requirements/Reason/Explanation	
General Disclosures				
The organization and its reporting practices				
GRI 2: General Disclosures 2021	2-1	Organizational details	8	
	2-2	Entities included in the organization's sustainability reporting	4, 8	
	2-3	Reporting period, frequency and contact point	4	
	2-4	Restatements of information	After the publication of this report, it was necessary to make corrections of 2022 emissions data, with emissions for Scope 1 changing from 3,513,170.2 tCO ₂ e to 1,181,375.9 tCO ₂ e, for Scope 2 from 198,113.4 tCO ₂ e to 198,780.1 tCO ₂ e and for Scope 3 from 4,112,396.6 tCO ₂ e to 396,059.7 tCO ₂ e. As a result, total emissions reduced from 4,112,396.6 tCO ₂ e to 1,776,215.6 tCO ₂ e.	
	2-5	External assurance	211	
Activities and workers				
GRI 2: General Disclosures 2021	2-6	Activities, value chain and other business relationships	8, 86, 118	
	2-7	Employees	65 In the years 2020 and 2021, employee data by region was divided into just the North, Northeast, and other regions.	
	2-8	Workers who are not employees	65	

Content			Page/Response	Omitted requirements/Reason/Explanation
Governance				
GRI 2: General Disclosures 2021	2-9	Governance structure and composition	24	
	2-10	Nomination and selection of the highest governance body	24 The company started outlining its competency matrix in 2022, in order to define the tools and skills necessary for senior management to perform their functions adequately. The document is expected to be finalized in the next cycle.	
	2-11	Chair of the highest governance body	The Chairman of the Company's Board of Directors is an independent member.	
	2-12	Role of the highest governance body in overseeing the management of impacts"	24	
	2-13	Delegation of responsibility for managing impacts"	24, 105	
	2-14	Role of the highest governance body in sustainability reporting	24	
	2-15	Conflicts of interest	More information is available on: https://ri.equatorialenergia.com.br/pt-br/divulgacao-e-resultados/formulario-cadastral-e-de-referencia/	
	2-16	Communication of critical concerns	Crucial situations are monitored by the Board of Directors and its Advisory Committees. The management, preparation, and/or review of the company's risk map and its response plans are monitored and recommended by the Statutory Audit Committee, and approved by the Board of Directors, according to items (aa) and (bb) of item 17 of the Bylaws.	
	2-17	Collective knowledge of the highest governance body	The Group in 2022 started to prepare its competence matrix, a document that will help the company define the specific skills for top management to best perform their functions.	

Content			Page/Response	Omitted requirements/Reason/Explanation
Governance				
GRI 2: General Disclosures 2021	2-18	Evaluation of the performance of the highest governance body		Performance evaluation is not available.
	2-19	Remuneration policies	31	
	2-20	Process to determine remuneration	31	
	2-21	Annual total compensation ratio	31	
	2-22	Statement on sustainable development strategy	5	
Strategy, policies and practices				
GRI 2: General Disclosures 2021	2-23	Policy commitments	34, 36, 37	
	2-24	Embedding policy commitments	34, 41	
	2-25	Processes to remediate negative impacts	44	
	2-26	Mechanisms for seeking advice and raising concerns	35, 96	
	2-27	Compliance with laws and regulations	53	
	2-28	Membership associations	The Equatorial Group effectively participates in associations of companies in the electricity sector, such as Abradee, and actively participates in discussions in various thematic groups on regulation, the environment, and social entities, with the aim of not only proposing improvements in the sector, but also positively influence improvements and the arrangement of regulatory aspects.	
Stakeholder engagement				
GRI 2: General Disclosures 2021	2-29	Approach to stakeholder engagement	17	
	2-30	Collective bargaining agreements	100% of employees are covered by collective bargaining agreements.	

Content			Page/Response	Omitted requirements/Reason/Explanation
Material Topics				
GRI 3: Material Topics 2021	3-1	Process to determine material topics	44	
	3-2	List of material topics	44	
Climate Strategy				
GRI 3: Material Topics 2021	3-3	Management of material topics	62 During the reporting period, the company published its Environmental Policy, which includes guidelines related to its climate strategy, among other aspects. It is worth noting that the company is still in the process of discussing its climate positioning plan, which is why it has not yet made any public commitments to the climate change agenda.	
GRI 201: Economic performance 2016	201-2	Financial implications and other risks and opportunities due to climate change	The company does not yet monitor the financial implications of climate change risk, a process that will undergo a review after the company's risk matrix is revised.	
GRI 305: Emissions 2016	305-3	Other indirect (Scope 3) GHG emissions	61	
SASB: Electric Utilities & Power Generators 2018	IF-EU-110a.1	(1) Gross global Scope 1 emissions, percentage covered under (2) emissions-limiting regulations, and (3) emissions-reporting regulations	61	
	IF-EU-110a.3	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	61	
Local Communities and Social Investment				
GRI 3: Material Topics 2021	3-3	Management of material topics	105, 114	
GRI 202: Market Presence 2016	202-2	Proportion of senior management hired from the local community		Not applicable because less than 10% of the companies of Grupo Equatorial's staff receive the minimum wage practiced in Brazil.
GRI 203: Indirect Economic Impacts 2016	203-1	Infrastructure investments and services supported	105	

Content			Page/Response	Omitted requirements/Reason/Explanation
GRI 413: Local Communities 2016	413-1	Operations with local community engagement, impact assessments, and development programs	105	
Ethics, integrity and compliance				
GRI 3: Material Topics 2021	3-3	Management of material topics	34	
GRI 205: Anti-corruption 2016	205-1	Operations assessed for risks related to corruption	36	
	205-2	Communication and training about anti-corruption policies and procedures	36	
	205-3	Confirmed incidents of corruption and actions taken	In 2022, there were no records of corruption cases or employees being fired or punished for corruption. The company also did not record any contract terminations due to violations related to this issue. Likewise, the Group did not record any lawsuits related to corrupt practices.	
Materials and waste management				
GRI 3: Material Topics 2021	3-3	Management of material topics	57	
GRI 301: Materials 2016	301-1	Materials used by weight or volume	57	
GRI 306: Waste 2020	306-1	Waste generation and significant waste-related impacts	57	
		Management of significant waste-related impacts	57	
Opportunities in Renewable Energy				
GRI 3: Material Topics 2021	3-3	Management of material topics	55	
GRI 302: Energy 2016	302-1	Energy consumption within the organization	54	

Content			Page/Response	Omitted requirements/Reason/Explanation
Opportunities in Renewable Energy				
GRI 305: Emissions 2016	305-1	Direct (Scope 1) GHG emissions	61	
	305-2	Energy indirect (Scope 2) GHG emissions	61	
ANEEL Indicator	Environmental Dimension - Environmental Indicators		151, 163, 175, 186, 198, 209	
Protection of biodiversity				
GRI 3: Material Topics 2021	3-3	Management of material topics	51	
GRI 304: Biodiversity 2016	304-2	Significant impacts of activities, products, and services on biodiversity	Mineral oil spills may occur duringmay occur during the maintenance ofequipment that requires this materialinsulation material. Theimpacts are usually also related to therelated, also, to the opening ofand access tracks to construction sites for powerconstruction of power distribution and transmissiondistribution and transmission lines and networks.Although there is alteration in the landscape, theradius of interference reaches only thelinear security strip for the mobility of operation oroperation or maintenance teams,not occurring due to the loss of native habitats.habitats. Maintenance services, on the other handmaintenance services, on their turn, originate	
		Habitats protegidos ou restaurados	Equatorial does not have any protected or restored habitats.	
Health and safety of employees and third parties				
GRI 3: Material Topics 2021	3-3	Management of material topics	83, 88	
GRI 403: Occupational Health and Safety 2018	403-1	Occupational health and safety management system	83	
	403-2	Hazard identification, risk assessment, and incident investigation	83	
	403-3	Occupational health services	83	

Content			Page/Response	Omitted requirements/Reason/Explanation
Health and safety of employees and third parties				
GRI 403: Occupational Health and Safety 2018	403-4	Worker participation, consultation, and communication on occupational health and safety	Workers are consulted annually regarding their perception of risks by the CIPA. The company also has call centers for reporting accidents and situations involving electrical network risks. In addition, daily safety talks are held, which are responsible for lectures and complementary actions on health and safety at work, as well as the Sipat (Internal Week of Accident Prevention), a time for discussion among employees on health and safety topics.	
	403-9	Work-related injuries	83	
GRI G4: Electric Utilities	EU-DMA	Policies and requirements regarding health and safety of employees and employees of contractors and subcontractors (former F16)	83	
	EU18	Percentage of contractor and subcontractor employees that have undergone relevant health and safety training	83	
SASB: Electric Utilities & Power Generators 2018	IF-EU-320a.1	(1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR)	TRIR: 0.037%. Fatality rate: 0.03%. For the calculation of rates, only incidents involving own employees were considered.	
Diversity and equal opportunity				
GRI 3: Material Topics 2021	3-3	Management of material topics	77	
GRI 405: Diversity and Equal Opportunity 2016	405-1	Diversity of governance bodies and employees	77	
Human and Labor Rights				
GRI 3: Material Topics 2021	3-3	Management of material topics	72	
GRI 411: Rights of Indigenous Peoples 2016	411-1	Incidents of violations involving rights of indigenous peoples	105, 112	

Content			Page/Response	Omitted requirements/Reason/Explanation
Safety of the company and product quality				
GRI 3: Material Topics 2021	3-3	Management of material topics	102	
GRI 416: Customer Health and Safety 2016	416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	There were no cases of non-conformity related to products and services in 2022.	
Network Infrastructure and Reliability				
GRI 3: Material Topics 2021	3-3	Management of material topics	123	
GRI G4: Electric Utilities	EU28	Power outage frequency	54	
	EU29	Average power outage duration	54	
SASB: Electric Utilities & Power Generators 2018	IF-EU-550a.2	(1) System Average Interruption Duration Index (SAIDI), (2) System Average Interruption Frequency Index (SAIFI), and (3) Customer Average Interruption Duration Index (CAIDI), inclusive of major event days	The company does not segregate the Customer Average Interruption Duration Index (CAIDI) as a regulatory monitoring, but measures the Average Service Time (TMAE), which has a specific metric stipulated by ANEEL's Prodlist Module 8	
Innovation				
GRI 3: Material Topics 2021	3-3	Management of material topics	127	
ANEEL's Indicator	Operational and Productivity Indicators - Technical Data (inputs,production capacity, sales, losses and)		142, 153, 165, 177, 188, 200	
Relationship and customer satisfaction				
GRI 3: Material Topics 2021	3-3	Management of material topics	93	
ANEEL's Indicator	External Social Indicators - Customers consumers		143, 154, 166, 178, 189, 201	
Universalization of basic sanitation and access to electric power				
GRI 3: Material Topics 2021	3-3	Management of material topics	115	
Risk Management				
GRI 3: Material Topics 2021	3-3	Management of material topics	38	

Content			Page/Response	Omitted requirements/Reason/Explanation
Extra GRI Disclosures - indicators not included in the materiality, but which Equatorial decided to report to maintain the historical series and comparability				
GRI 201: Economic Performance 2016	201-1	Direct economic value generated and distributed	129	
GRI 202: Market Presence 2016	202-1	Ratios of standard entry-level wage by gender compared to local minimum wage	Less than 10% of the companies in the Group receive the minimum wage practiced in Brazil.	
GRI 303:Water and Effluents 2018	303-1	Interactions with water as a shared resource	60	
	303-3	Water withdrawal	60	
GRI 308: Supplier Environmental Assessment 2016	308-1	New suppliers that were screened using environmental criteria	86	
GRI 401: Employment 2016	401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	65	
GRI 414: Supplier Social Assessment 2016	414-1	New suppliers that were screened using social criteria	60 There is currently no selection of suppliers based on social criteria. However, the Supplier Management Restructuring Project is underway, where processes are being reviewed to meet ESG requirements and other items, based on best market practices.	

Content			Page/Response	Omitted requirements/Reason/Explanation
GRI 418: Customer Privacy 2016	418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	93 So far, the Customer Management area has not received any complaints related to data leakage.	
GRI G4: Electric Utilities	EU3	Number of residential, industrial, institutional and commercial customer accounts	93	
ANEEL's Indicator	Internal Social Indicators - Employees Employability Management Safety		145, 156, 168, 180, 191, 203	
	Economic and Financial Indicators		148, 159, 171, 183, 194, 206	
	Electricity Sector Indicators		150, 162, 174, 185, 197, 207	

Maranhão

Operational and productivity

Operating	2022	2021	2020
Consumers Served - Captives	2,676,434	2,629,206	2,595,101
Consumers Served - Free	297	247	180
Locations Served (Municipalities)	217	217	217
Own Employees	1,499	1,340	1,211
Outsourced Employees	5,661	4,956	3,757
Commercial Offices	42	70	70
Energy Supplied (MWh) / Employee	4,892.2	5,223.1	5,481
Generated energy (Gwh)	ND	ND	ND
Purchased Energy (GWh)			
Purchased Energy (GWh)	8,230.7	8,097.4	7,883.3
1) Itaipu	-	-	-
2) Auction (including auction of federal generators (Year 2002))	8,230.7	-	-
3) Dealer Supply	-	-	-
Global Electrical Losses (Gwh)	1,570.1	1,598.9	1,512.1
Electrical Losses - Total (%) on the Energy Requirement	17.6%	18.6%	18.5%
Technical losses - (%) on the Energy Requirement	10.8%	11.5%	12.1%
Non-Technical Losses (%) - on the Energy Requirement	6.8%	7.1%	6.5%
Energy Sold (Gwh)			
Energy Sold (Gwh)	7,333.5	6,998.9	6,637.5
Homeowner	4,090	3,736.8	3,569.6
Commercial	1,167.2	1,276.5	1,184.1
Industrial	560.2	559.2	521.8
Rural	301.8	289.6	265.3
Public Power	490.0	403.8	360.1
Street Lighting	364.9	384.4	390.9
Public Service	359.3	348.7	345.7

continues

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Operating	2022	2020	2021
Substations (un)	143 ¹	143	140
Installed Capacity (mt/a)	3,176.6	ND	3,105.9
Transmission Lines (km)	5,480	5,208.1	5,202.3
Distribution Networks (km)	114,862	145,808.2	141,822.5
Distribution Transformers (un)	153,112	140,734	138,137
Installed Capacity -MT (MVA)	4,262.0	-	-
Energy Sold per Employee (MWh)	4.9	5.2	5.5
Consumers per Employee	1,785.5	1,962.3	2,143.1
Added Value ¹ /GWh Sold	437.6	468.4	384.1
Average Residential Consumption by Consumer (kWh/Year)	140.6	134.9	130
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Value Calculated	24.6	29	13.4
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Limit	15.4	16.1	16.7
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Value Calculated	8.6	9.7	6
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Limit	9.3	9.7	10.2

¹There is an SE that is being finalized (SE Gonç. Dias). If you consider this SE, we will have 144 energized in 2023.

External Social Indicators

Excellence in Service

Consumer and Customer Profile

Energy Sales by Tariff Class (GWh): % Total	2022	2021	2020
Homeowner	36.5%	53.4%	53.8%
Low Income Residential	19.2%	18.0%	16.2%
Commercial	15.9%	18.2%	17.8%
Industrial	7.6%	8.0%	7.9%
Rural	4.1%	4.1%	4.0%
Public Power	5.0%	5.5%	5.9%
Street Lighting	4.9%	5.0%	5.2%
Public Service	6.7%	5.8%	5.4%

continues

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	2022	2021	2020
Customer Satisfaction			
Satisfaction Rates from IASC – ANEEL Survey	NA	56.1	62.2
Satisfaction rates from surveys from other entities (ABRADEE, Vox Populi and others) and/or own surveys (specify	68.9	63.1	79.4
Customer Service			
Call Center	3,889,316	5,482,083	6,245,637
Incoming Calls (units)	1,452,144	1,970,592	2,590,029
Average # Attendants (units)	349	74	88.8
INS Service Level Rate (%)	91.3	87.2	80.6
IAb - Abandonment Rate (%)	0.8	1.7	3.1
ICO - Busy Calls Rate (%)	0	0	0
TMA - Average Service Time(s)	175	152	161.7
Compensation for Electrical Damage			
Volume of Requests (units)	6,174	6,152	5,585
Originating (unit.)	NA	1,546.	1,154.
Complaints Indicators			
Well-Founded Complaints (units)	12,150	14,312	14,534
DER (hours)	194.1	155.6	181.1
FER (units)	4.5	5.6	5.6
Violation of Commercial Service Deadlines			
Services performed (unit)	629,386	777,089	683,303
Calls made after the deadline (unit.)	21,403	37,853	33,819
Service Efficiency (%)	96.6%	95.1%	95.1%
Consumer Complaints Forwarded			
To the Company (Ombudsman)	920,771	112,807	943,915
To ANEEL – State/Regional Agencies	620	1,343	872
To PROCON	1,777	1,352	1,599
To the Justice System	10,891	10,025	9,547
Complaints – Main reasons			
Complaints regarding deadlines in the execution of services	6,371.0	2,299.0	2,710.0
Complaints regarding inadequate power supply	5,312.0	4,688.0	3,973.0
Complaints regarding interruptions	852,829.0	1,005,434.0	905,619.0
Complaints regarding the emergency	-	-	-

continues

...continued

Complaints – Main reasons	2022	2021	2020
Complaints regarding consumption/reading	24,392.0	28,412.0	20,340.0
Complaints regarding undue cutting	269.0	275.0	362.0
Claims for undeliverable account	4,748.0	2,299.0	1,844.0
Complaints regarding poorly performed service	1,917.0	2,156.0	1,618.0
Claims regarding electrical damage	6,466.0	6,539.0	5,981.0
Complaints regarding measurement irregularities (fraud/energy deviation)	3,938.0	2,884.0	3,598.0
Other (specify) (%)	NA	NA	NA
Resolved complaints	NA	NA	NA
During service (%)	NA	NA	NA
Up to 30 days (%)	NA	NA	NA
Between 30 and 60 days (%)	NA	NA	NA
More than 60 days (%)	NA	NA	NA
Complaints upheld in relation to the total number of complaints received (%)	NA	NA	NA
Complaints resolved in relation to the number of valid complaints (%)	NA	NA	NA

Internal Social Indicators

General Instructions	2022	2021	2020
Total Employees ¹	1,499.0	1,340.0	1,211.0
outsourced workers (outsourced, subcontracted, self-employed) by employment status, employment contracts and region)	5,661.0	4,956.0	3,757.0
Up to 30 years of age	21.1%	18.1%	20.6%
Employees between 31 and 40 years old (%)	46.1%	45.3%	48.1%
Employees between 41 and 50 years old (%)	24.1%	25.9%	20.6%
Employees over 50 years old (%)	8.9%	10.7%	10.8%
# women compared to total employees (%) ²	31.4%	33.1%	32.1%
Women in managerial positions - compared to the total managerial positions (%) ³	22.4%	8.9%	26.1%
Black female employees (black and brown) - compared to the total employees (%)	19.2%	19.7%	17.7%
Black employees (black and brown) - compared to the total employees (%)	45.2%	43.3%	43.8%
Black employees (black and brown) in managerial positions compared to total managerial positions (%)	40.2%	53.4%	48.3%
Trainees concerning total employees (%)	2.7%	1.9%	2.1%
Employees of the Apprentice Hiring Program (%)	2.1%	1.7%	1.1%
People with disabilities	4.9%	4.1%	5.1%

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Compensation, Benefits and Career

	2022	2021	2020
Compensation			
Gross Payroll	128,959.0	105,778.0	80,922.0
Compulsory social charges	33,729.0	32,467.0	29,116.0
Benefits			
Education	200.0	142.0	157.0
Food	21,749.0	15,068.0	15,960.0
Transportation	419.0	235.0	106.0
Health	17,926.0	13,942.0	14,878.0
Foundation	3,975.0	3,166.0	3,017.0
Occupational Safety and Health	1,163.0	-	573.0
Culture	0	0	0
Training and Professional Development	1,557.0	858.0	350.0
Childcare or Childcare Aid	1,962.0	1,473.0	1,313.0
Others (Specify): Group Insurance	277.0	234.0	268.0
Profit Sharing			
Total investment in the company's profit-sharing program (R\$ thousand)	28,386.0	17,691.0	25,400.0
Amounts distributed compared to gross payroll (%)	22.0%	16.7%	31.4%
Division of the highest compensation by the lowest compensation paid by the grantee	29	21	11.7
Division of the company's lowest compensation by the current minimum wage	1.6	1.7	1.8
Compensation Profile			
By Categories (average salary in the current year) – R\$			
Board Positions	-	30,300.0	ND
Managerial Positions	13,907.0	14,892.0	11,084.7
Administrative Positions	5,848.0	5,647.0	4,827.9
Production Positions	4,071.0	6,208.1	3,627.1
Health and Work Safety			
Average Overtime per Employee / Year	55.6	55.1	ND
Total TF Rate (attendance rate) of the Company in the period for employees	1.4	1.6	2.5
Total TG Rate (severity rate) of the Company in the period for employees	6.7	72	1599.5
Total TF Rate (frequency rate) of the Company in the period for outsourced/contracted parties	5.4	9.4	6.3
Total TG Rate (severity rate) of the Company in the period for outsourced/contracted parties	981.4	629.8	532.7

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Health and Work Safety

	2022	2021	2020
Total TF Rate (attendance rate) of the Company in the period, for the workforce (own + third parties)	4.6	7.7	5.6
Total TG Rate (severity rate) of the Company in the period, for the workforce (own + third parties)	781.6	506	731.9
Deaths - Own	0	0	0
Deaths - Outsourced	2	1	1

Professional Development

Schooling Profile - Detail, as a percentage, compared to the total employees

Elementary School	0.1%	0.0%	0.3%
High School	37.9%	31.6%	39.6%
Technical Education	N/A	6.3%	1.5%
Higher Education	48.2%	48.6%	46.6%
Graduate Education (specialization, master's, doctorate)	13.8%	13.4%	12.6%
Balance invested in professional development and education (R\$ thousand)	1,497.5	1,770.0	350.0
Average hours of training per year, per employee, broken down by employee category	35.0	10.7	ND

Behavior with Layoffs

Turnover Rate	12.8	15.7%	8.2%
Labor Claims	8.0	24.0	10.0
Amount provisioned in the Period (R\$ thousand)	85,000.0	56,500.0	30,000.0
Labor lawsuits filed against the company in the period	8.0	24.0	10.0
labor lawsuits judged valid in the period	51.0	36.0	27.0
labor lawsuits dismissed in the period	62.0	23.0	10.0
Total indemnities and fines paid by court order in the period	R\$ 2,550,953.9	R\$ 5,817,225.5	R\$ 3,562,080.7

Preparing for Retirement

Investments in Supplementary Pension Plans (R\$ thousand)	3,929,837.00	3,166.00	ND
Beneficiaries of the supplementary pension program	1,786.0	1,069.0	ND

¹The following are not considered employees: President, Director, Statutory Superintendents, Interns, and Apprentices.

²Does not include Bylaws, presidents, directors, interns, and apprentices.

³Management positions were considered: President, Director, CLT Superintendent, Manager, and Executive.

⁴Management positions were considered: President, Director, CLT Superintendent, Manager, Executive, and Leader.

Economic and financial indicators

	R\$		
	2022	2021	2020
1. Revenue			
1.1 Sales of Goods, Products and Services	6.630.761	7.082.580	5.466.171
1.2 Other Revenues	143	11	1.438
1.3 Revenues from Building Own Assets	-	-	-
1.4 Provision for Doubtful Accounts - Reversal / (Recognition	-39.235	-69.271	-48.067
1.5 Provision for Civil, Tax and Labor Proceedings	-	-	-
2. INPUTS PURCHASED FROM THIRD PARTIES (includes Taxes - ICMS, IPI, PIS and Cofins)			
2.1 Costs of Goods, Products and Services Sold	- 2.975.330,0	- 3.284.828,0	- 2.367.068,0
2.2 Materials, Energy, Third-Party Services, and Others	- 396.446,0	- 388.196,0	- 433.515,0
2.3 Loss/Recovery of Assets	-	-	-
2.4 Others (specify)	- 140.394,0	- 52.777,0	- 38.434,0
3. GROSS ADDED VALUE (1-2)			
Gross Added Value (1-2)	3.079.499,0	3.287.519,0	2.580.525,0
4. DEPRECIATION, AMORTIZATION AND DEPLETION			
Depreciation, Amortization And Depletion	- 230.323,0	- 222.561,0	- 190.468,0
5. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
Net Value Added Produced By The Entity (3-4)	2.849.176,0	3.064.958,0	2.390.057,0
6. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
6.1 Equity Pick-Up	-	-	-
6.2 Financial Revenues	359.860,0	213.539,0	159.239,0
6.3 Outras	-	-	-
7. TOTAL VALUE ADDED TO DISTRIBUTE (5+6)			
Total Value Added To Distribute (5+6)	3.209.036,0	3.278.497,0	2.549.296,0
8. DISTRIBUTION OF VALUE-ADDED			
8.1 Personnel	121.232,0	132.898,0	123.305,0
8.1.1 Direct Compensation	77.202,0	88.865,0	66.290,0
8.1.2 Benefits	32.667,0	34.125,0	49.003,0
8.1.2 F.G.T.S	11.363,0	9.908,0	8.012,0
8.1.4 Others	-	-	-
8.2 Taxes, Fees, and Contributions	1.878.736,0	1.910.650,0	1.530.203,0

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8. DISTRIBUTION OF VALUE-ADDED

	2022	2021	2020
8.2.1 Federal	954.275,0	896.377,0	683.482,0
8.2.2 State	922.669,0	1.012.548,0	845.075,0
8.2.3 Municipal	1.792,0	1.725,0	1.646,0
8.3 Third-Party Capital Compensation	560.923,0	291.526,0	195.515,0
8.3.1 Interest	281.017,0	226.316,0	158.985,0
8.3.2 Rents	2.509,0	615,0	1.629,0
8.3.3 Others	277.397,0	64.595,0	34.901,0
8.4 Shareholders' Equity Compensation	648.145,0	943.423,0	700.273,0
8.4.1 Shareholders' Equity Compensation	-	-	-
8.4.2 Dividends	458.495,0	467.843,0	479.930,0
8.4.3 Retained Earnings/Loss for the Fiscal Year	189.650,0	475.580,0	220.343,0
8.4.4 Non-Controlling Interest in Retained Earnings (only for consolidation)	-	-	-

Energy efficiency program

Project Typology	2022					2021					2020				
	Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)		
	Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers
Industrial	-	-	-	-	-	-	0%	-	0	0	-	0%	-	0	0
Trade and Service	5,951.1	68,1%	1,860.4	-	-	870.0	6.1%	870.0	0	0	425.5	3.9%	425.5	0	0
Public Power	-	-	-	-	-	-	0%	-	0	0	1,038.9	9.4%	1,038.9	0	0
Public Service	566.7	6.5%	377.3	-	-	-	0%	-	0	0	-	0%	-	0	0
Rural	-	-	-	-	-	-	0%	-	0	0	-	0%	-	0	0
Homeowner	-	-	-	-	-	4,282.0	29.8%	4,282.0	0	0	160.8	1.5%	160.8	0	0
Low Income Residential	-	-	-	-	-	8,078.7	56.2%	8,078.7	0	0	8,006.7	72.5%	8,006.7	0	0
Municipal Energy Management	228.3	2.6%	183.3	-	-	-	-	1,133.4	-	-	-	-	-	-	-
Street Lighting	-	-	-	-	-	1,133.4	7.9%	1,133.4	0	0	1,419.6	12.9%	1,419.6	0	0
Educational	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	8,732.2	100%	4,407	-	-	14,364.1	100%	14,364.1	0	0	11,051.5	100%	11,051.5	0	0

Project Typology	2022			2021			2020		
	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)
Industrial	ND	ND	ND	-	-	-	-	-	-
Trade and Service	2.0	624.6	30.7	-	-	-	1.0	22.7	5.0
Public Power	ND	ND	ND	-	-	-	-	-	-
Public Service	ND	ND	ND	-	-	-	-	-	-
Rural	ND	ND	ND	-	-	-	-	-	-
Homeowner	6,346.0	25,240.0	124.8	5,117.0	136,965.0	-	10.0	19.9	3.3
Low Income Residential	17,283.0	1,358.9	366.2	8,248.0	1,678.0	308,2	12,259.3	18,480.5	5,369.9
Street Lighting	7.0	1,341.6	317.1	3.0	376.5	89.8	7.0	415.4	94.8
Total	23,638.0	28,565.2	838.9	13,368.0	139,019.4	398.0	12,277.3	18,938.5	5,473.0

Electric energy segment indicators

By Research Topic (Research and Development Manual - ANEEL)

	2022		2021		2020	
	Balance	%	Balance	%	Balance	%
FA- Alternative Sources of Electric Energy Generation	ND	ND	4,422,460.6	38.2	10,043,359.	70.5
GT - Thermoelectric Generation	ND	ND	0	0	0	0
GB - Basin and Reservoir Management	ND	ND	0	0	0	0
MA - Environment	ND	ND	0	0	248,267.	1.7
SE - Security	ND	ND	325,238.	2.8	766,574.4	5.4
EE - Energy Efficiency	ND	ND	0	0	0	0
PL - Planning of Electric Energy Systems	ND	ND	0	0	268,244.5	1.9
OP - Operation of Electric Energy Systems	ND	ND	562,386.5	4.9	0	0
SC - Supervision, Control and Protection of Electric Energy Systems	ND	ND	0	0	1,595,524.8	11.2
QC - Quality and Reliability of Electric Energy Services	ND	ND	0	0	53,521.	0.4
MF - Measurement, Billing and Fighting Commercial Losses	ND	ND	2,636,059.	22.8	1,156,214.2	8.1
OU - Other.	ND	ND	3,618,371.3	31.3	122,068.7	0.9
Total	10,763,729.5	100	11,564,515.5	100	14,253,773.5	100

Note: information on CEEE projects is incomplete in the SAP system, and it is not yet possible to identify projects by Theme.

Environmental dimension

Recovery of degraded areas	2022	2021	2020
Isolated protected network (ecological network or green line) in the urban area (in km).	9,840.2	-	8,599.1
Percentage of isolated protected network / total distribution network in the urban area - %	37%	-	37%
Waste generation and treatment			
Emission			
Annual volume of greenhouse gases (CO2 , CH4 , N2 O, HFC, PFC, SF6) emitted into the atmosphere (in tonnes of CO2 equivalent).	-	25,454.0	1,521.5
Annual volume of emissions of ozone-depleting gases (in tonnes of CFC equivalent).	-	-	ND
Wastewater			
Total water discharge, by quality and destination	ND	ND	ND
Solids			
Annual amount (in tons) of solid waste generated (garbage, waste, rubble, etc.).	772.5	160.2	227.3
Amount of waste contaminated by PCBs (Ascarel) destined	ND	ND	ND
Use of Resources in the Organization's Production Process and Management Processes			
Total Energy Consumption by Source:	8,230,689.2	8,097,356.6	7,883,305.5
_hydroelectric (in MWh)	4,779,632.6	4,781,043.4	5,202,952.
_fossil fuels	2,539,126.8	2,995,337.2	2,431,960.6
_alternative sources (gas, wind energy, solar energy, etc.)	911,929.8	320,976	248,392.9
_alternative sources (gas, wind energy, solar energy, etc.)	0%	0%	0%
Direct Energy Consumption by Primary Energy Source, in GJ			
- diesel	17,996.5	378,659.7	328,797.2
- gasoline	13,411.7	319,904.2	313,089.4
- ethanol	25.3	0	0
- natural gas	-	ND	ND
- Others (detail)	-	ND	ND
Total water consumption by source (in m3):	27,388.0	39,545.0	25,400.7
- supply (public network)	24,519.0	34,449.0	21,980.7
- underground source (well)	2,869.0	5,096.0	3,420.0
- surface abstraction (water courses)	ND	-	-
Total Water Consumption (in m3)	27,388.0	39,545.0	25,400.7
Water Consumption per Employee (in m3)	18.3	28.3	20.5

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Environmental Education and Awareness

	2022	2021	2020
Environmental Education - Community - In the Organization	ND	0	0
Employees trained in environmental education programs	314	9	35
Percentage of employees trained in environmental education programs / total employees.	30%	1%	3%
Hours of environmental training/total hours of training	0.1	0	0
Environmental education - Community	0	0	1
primary and secondary education units served	55	16	5
students served	382	3,120	220
teachers trained	303	104	3
technical and higher education units served	ND	2	0
students served	55	34	0
Environmental Performance			
Environmental Performance	2	-	-
Pruning Volume of waste generated in kg per month.	ND	-	-
Oil leakage (Leak points per month).	ND	-	-



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Operational and productivity indicators

Operating	2022	2021	2020
Consumers Served - Captives	2,912,606.0	2,810,489.0	2,732,774.0
Consumers Served - Free	603.0	496.0	360.0
Locations Served (Municipalities)	144.0	144.0	144.0
Own Employees	1,256.0	1,200.0	1,219.0
Outsourced Employees	7,460.0	7,855.0	5,635.0
Commercial Office	15.0	0.1	81.0
Energy Supplied (MWh) / Employee	6,372.9	6,374.5	6,374.5
Generated energy (Gwh)	ND	ND	ND
Purchased Energy (GWh)			
Purchased Energy (GWh)	11,818.2	11,982.5	11,457.5
1) Itaipu	-	-	-
2) Auction (including auction of federal generators (Year 2002))	11,818.2	-	-
3) Dealer Supply	-	-	-
Global Electrical Losses (Gwh)	3,805.8	3,858.8	3,932.0
Electrical Losses - Total (%) on the Energy Requirement	0.3	0.3	0.3
Technical losses - (%) on the Energy Requirement	11.6%	11.7%	11.7%
Non-Technical Losses (%) - on the Energy Requirement	15.8%	17.3%	19.1%
Energy Sold (Gwh)			
Energy Sold (Gwh)	8,004.4	7,649.4	7,333.7
Homeowner	4,538.5	4,258.4	3,928.9
Commercial	1,505.8	1,461.4	1,407.1
Industrial	430.4	471.9	465.4
Rural	334.2	325.1	310.5
Public Power	561.2	477.8	480.7
Street Lighting	458.9	468.0	477.4
Public Service	175.4	186.7	263.8

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Operating	2022	2021	2020
Substations (un)	121.0	145.0	132.0
Installed Capacity (mt/a)	3,362.0	ND	4,200.3
Transmission Lines (km)	4,914.0	4,914.3	4,855.0
Distribution Networks (km)	137,800.0	163,642.2	158,872.1
Distribution Transformers (un)	202,974.0	168,411.0	161,562.0
Installed Capacity -MT (MVA)	7,179.0	-	-
Energy Sold per Employee (MWh)	6.4	6.4	6.0
Consumers per Employee	2,318.9	2,342.5	2,242.1
Added Value ³ /GWh Sold	-	655.5	539.6
Average Residential Consumption by Consumer (kWh/Year)	150.6		
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Value Calculated	18.8	22.1	20.1
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Limit	24.5	26.2	27.6
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Value Calculated	9.3	11.9	10.8
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Limit	19.1	20.7	22.2

External social indicators

Consumer and Customer Profile	2022	2021	2020
Energy Sales by Tariff Class (GWh): % Total	100.0%	100.0%	100.0%
Homeowner	30.7%	31.6%	32.5%
Low Income Residential	14.6%	13.6%	11.9%
Commercial	21.7%	16.9%	17.0%
Industrial	16.4%	21.5%	21.0%
Rural	3.5%	3.6%	3.6%
Street Lighting	4.6%	5.1%	5.4%
Public Service	2.9%	5.0%	5.4%
Public Power	5.6%	2.9%	3.2%
Customer Satisfaction			
Satisfaction Rates from IASC – ANEEL Survey	ND	45.9	53.8
Satisfaction rates from surveys from other entities (ABRADEE, Vox Populi and others) and/or own surveys (specify)	58	54.1	65.5

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	2022	2021	2020
Customer Service			
Call Center	5,171,806.0	5,235,291.0	5,686,954.0
Incoming Calls (units)	2,024,853.0	2,002,110.0	2,749,597.0
Average # Attendants (units)	349	81.1	97.3
INS Service Level Rate (%)	91.4%	89.9%	81.1%
IAb - Abandonment Rate (%)	1%	1.5%	2.6%
ICO - Busy Calls Rate (%)	0%	0%	0%
TMA - Average Service Time(s)	169	168	175
Compensation for Electrical Damage			
Volume of Requests (units)	6,448.0	5,399.0	4,189.0
Originating (unit.)	ND	1,054	853
Complaints Indicators			
Well-Founded Complaints (units)	22,249	26,805	30,434
DER (hours)	204.7	139.6	132.1
FER (units)	7.7	9.4	11.1
Violation of Commercial Service Deadlines			
Services performed (unit)	1,198,592.0	1,149,100.0	1,015,577.0
Calls made after the deadline (unit.)	11,989.0	9,658.0	8,760.0
Service Efficiency (%)	99.1%	99.2%	99.1%
Consumer Complaints Forwarded			
To the Company (Ombudsman)	1,188,030.0	1,310,528.0	1,019,528.0
To ANEEL – State/Regional Agencies	1,960.0	1,880.0	1,776.0
To PROCON	5,566.0	4,970.0	3,970.0
To the Justice System	4,702.0	3,993.0	4,311.0
Complaints – Main reasons			
Complaints regarding deadlines in the execution of services	8,005.0	6,751.0	3,426.0
Complaints regarding inadequate power supply	8,037.0	5,931.0	4,892.0
Complaints regarding interruptions	1,066,918.0	1,128,570.0	1,029,809.0
Complaints regarding the emergency	-	-	-
Complaints regarding consumption/reading	67,262.0	56,935.0	51,144.0
Complaints regarding undue cutting	643.0	630.0	503.0
Claims for undeliverable account	3,157.0	2,892.0	2,654.0

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Complaints – Main reasons

	2022	2021	2020
Complaints regarding poorly performed service	4,114.0	3,889.0	3,178.0
Claims regarding electrical damage	7,007.0	5,773.0	4,589.0
Complaints regarding measurement irregularities (fraud/energy deviation)	9,816.0	6,183.0	3,192.0
Other (specify) (%)	ND	ND	ND
Resolved complaints	ND	ND	ND
During service (%)	ND	ND	ND
Up to 30 days (%)	ND	ND	ND
Between 30 and 60 days (%)	ND	ND	ND
More than 60 days (%)	ND	ND	ND
Complaints upheld in relation to the total number of complaints received (%)	ND	ND	ND
Complaints resolved in relation to the number of valid complaints (%)	ND	ND	ND

Internal social indicators**General Instructions**

	2022	2021	2020
Total Employees ¹	1,256.0	1,200.0	1,219.0
outsourced workers (outsourced, subcontracted, self-employed) by employment status, employment contracts and region)	7,460.0	7,855.0	6,739.0
Up to 30 years of age	17.4%	14.5%	16.3%
Employees between 31 and 40 years old (%)	34.5%	33.4%	36%
Employees between 41 and 50 years old (%)	31.8%	34.3%	32.5%
Employees over 50 years old (%)	16.2%	17.8%	15.2%
# women compared to total employees (%) ²	28.8%	29.3%	30.6%
Women in managerial positions - compared to the total managerial positions (%) ³	12.9%	3.3%	18.1%
Black female employees (black and brown) - compared to the total employees (%)	18.5%	19.3%	20.3%
Black employees (black and brown) - compared to the total employees (%)	50.6%	50.3%	48.8%
Black employees (black and brown) in managerial positions compared to total managerial positions (%) ⁴	53%	63.6%	60.6%
Trainees concerning total employees (%)	4.4%	5.6%	3.9%
Employees of the Apprentice Hiring Program (%)	0%	3.8%	3%
People with disabilities	5.4%	5.1%	5.7%

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Compensation, Benefits and Career

	2022	2021	2020
Compensation			
Gross Payroll	100,689.0	83,674.0	70,563.0
Compulsory social charges	28,583.0	33,963.0	26,618.0
Benefits			
Education	136.0	97.0	149.0
Food	18,888.0	15,963.0	15,412.0
Transportation	125.2	83.0	105.0
Health	11,980.0	13,246.0	15,596.0
Foundation	3,497.0	2,932.0	2,605.0
Occupational Safety and Health	1,057.0	580.0	499.0
Culture	-	-	-
Training and Professional Development	2,174.0	1,334,726.0	396.0
Childcare or Childcare Aid	1,977.0	1,598.0	1,563.0
Others (Specify): Group Insurance	248.0	114.0	6,773.0
Profit Sharing			
Total investment in the company's profit-sharing program (R\$ thousand)	25,947.0	13,889.0	17,624.0
Amounts distributed compared to gross payroll (%)	25.8%	16.6%	25.0%
Division of the highest compensation by the lowest compensation paid by the grantee	35.5	19.5	18.2
Division of the company's lowest compensation by the current minimum wage	1.5	1.7	1.6
Compensation Profile			
By Categories (average salary in the current year) – R\$			
Board Positions	-	38,857.1	ND
Managerial Positions	14,384.1	12,534.9	11,009.0
Administrative Positions	5,576.1	4,466.6	4,791.6
Production Positions	4,186.3	5,371.7	3,657.5
Health and Work Safety			
Average Overtime per Employee / Year	68.1	ND	ND
Total TF Rate (attendance rate) of the Company in the period for employees	2	2	2.9
Total TG Rate (severity rate) of the Company in the period for employees	42.7	9.1	2,179.5
Total TF Rate (frequency rate) of the Company in the period for outsourced/contracted parties	4	5	4.9
Total TG Rate (severity rate) of the Company in the period for outsourced/contracted parties	401	2,062.0	1,820.9

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Health and Work Safety

	2022	2021	2020
Total TF Rate (attendance rate) of the Company in the period, for the workforce (own + third parties)	3.8	4.5	4.6
Total TG Rate (severity rate) of the Company in the period, for the workforce (own + third parties)	348.4	1,718.2	1,875.0
Deaths - Own	0	0	1
Deaths - Outsourced	0	5	4

Professional Development

Schooling Profile - Detail, as a percentage, compared to the total employees			
Elementary School	1.5%	-	2.2%
High School	49.1%	-	44.1%
Technical Education	N/A	-	4.1%
Higher Education	41.9%	-	44.1%
Graduate Education (specialization, master's, doctorate)	7.4%	-	5.7%
Balance invested in professional development and education (R\$ thousand)	1,780.6	-	-
Average hours of training per year, per employee, broken down by employee category	39.2	-	-

Behavior with Layoffs

Turnover Rate	12.6	14.5%	8.3%
Labor Claims	42	77	28
Amount provisioned in the Period (R\$ thousand)	1,167,000.0	823.0	461.0
Labor lawsuits filed against the company in the period	42	77	28
labor lawsuits judged valid in the period	11	37	6
labor lawsuits dismissed in the period	21	36	6
Total indemnities and fines paid by court order in the period	5,528,647.3	1,837,586.5	4,391,388.

Preparing for Retirement

Investments in Supplementary Pension Plans (R\$ thousand)	3,454,177.5	-	-
Beneficiaries of the supplementary pension program	1,745	-	-

¹The following are not considered employees: President, Director, Statutory Superintendents, Interns, and Apprentices.²Does not include Bylaws, presidents, directors, interns, and apprentices.³Management positions were considered: President, Director, CLT Superintendent, Manager, and Executive.⁴Management positions were considered: President, Director, CLT Superintendent, Manager, Executive, and Leader.

Economic and financial indicators

In thousands of Reais

	2022	2021	2020
1. REVENUE			
1.1 Sales of Goods, Products and Services	11,261,796.0	10,758,598.0	8,011,990.0
1.2 Other Revenues	16.0	-	948.0
1.3 Revenues from Building Own Assets	-	-	-
1.4 Provision for Doubtful Accounts - Reversal / (Recognition	- 95.999,0	- 162.507,0	- 212.097,0
1.5 Provision for Civil, Tax and Labor Proceedings	-	-	-
2. INPUTS PURCHASED FROM THIRD PARTIES (includes Taxes - ICMS, IPI, PIS and Cofins)			
2.1 Costs of Goods, Products and Services Sold	- 4.954.842,0	- 5.204.234,0	- 3.471.992,0
2.2 Materials, Energy, Third-Party Services, and Others	- 569.784,0	- 490.135,0	- 395.547,0
2.3 Loss/Recovery of Assets	-	-	-
2.4 Others (specify)	- 350.179,0	- 114.587,0	- 183.923,0
3. GROSS ADDED VALUE (1-2)			
Gross Added Value (1-2)	5,291,008.0	4,787,135.0	3,749,379.0
4. DEPRECIATION, AMORTIZATION AND DEPLETION			
Depreciation, Amortization And Depletion	- 380.405,0	- 365.297,0	- 312.043,0
5. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
Net Value Added Produced By The Entity (3-4)	4,910,603.0	4,421,838.0	3,437,336.0
6. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
6.1 Equity Pick-Up	-	-	-
6.2 Financial Revenues	876,126.0	592,318.0	519,985.0
6.3 Others	-	-	-
7. TOTAL VALUE ADDED TO DISTRIBUTE (5+6)			
Total Value Added To Distribute (5+6)	5,786,729.0	5,014,156.0	3,957,321.0
8. DISTRIBUTION OF VALUE-ADDED			
8.1 Personnel	150,673.0	149,221.0	133,150.0
8.1.1 Direct Compensation	109,153.0	107,364.0	96,263.0
8.1.2 Benefits	31,192.0	30,366.0	27,539.0
8.1.2 F.G.T.S	10,328.0	11,491.0	9,348.0
8.1.4 Others	-	-	-
8.2 Taxes, Fees, and Contributions	2,940,338.0	2,915,202.0	2,392,348.0

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8. DISTRIBUTION OF THE VALUE ADDED

	2022	2021	2020
8.2.1 Federal	1,454,339.0	1,269,321.0	1,032,509.0
8.2.2 State	1,484,427.0	1,644,413.0	1,358,701.0
8.2.3 Municipal	1,572.0	1,468.0	1,138.0
8.3 Third-Party Capital Compensation	1,139,319.0	924,188.0	713,279.0
8.3.1 Interest	855,315.0	726,835.0	609,791.0
8.3.2 Rents	6,139.0	1,143.0	457.0
8.3.3 Others	277,865.0	196,210.0	103,031.0
8.4 Shareholders' Equity Compensation	1,556,399.0	1,025,545.0	718,544.0
8.4.1 Shareholders' Equity Compensation	-	-	-
8.4.2 Dividends	1,179,420.0	772,946.0	581,863.0
8.4.3 Retained Earnings/Loss for the Fiscal Year	376,979.0	252,599.0	136,681.0
8.4.4 Non-Controlling Interest in Retained Earnings (only for consolidation)	-	-	-

Energy efficiency program**Energy efficiency**

Project Typology	2022					2021					2020				
	Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)		
	Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers
Industrial	R\$ 400.9	4.3%	R\$ 2,086.4	R\$ 398,851.4	Projeto experimental - Cliente Equatorial	-	0%	-	-	-	-	0%	-	-	-
Trade and Service	R\$ 3,882.7	41.8%	R\$ 448,806.7	R\$ 3,433.8	Distribuidora e clientes da distribuidora	-	0%	-	-	-	-	0%	-	-	-
Public Power	-	-	-	-	-	-	0%	-	-	-	20	0,1%	20	-	-
Public Service	R\$ 447,823.9	4.8%	R\$ 360,703.9	R\$ 87,120.0	Usuários de carros elétricos e clientes que usam parques públicos	2,000.0	10.8%	2.000	-	-	-	0%	-	-	-

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Energy efficiency

Project Typology	2022					2021					2020				
	Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)		
	Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers
Rural	-	-	-	-	-	-	0%	-	-	-	-	0%	-	-	-
Homeowner	-	-	-	-	-	1,312.8	7,1%	1.312,8	-	-	6.920,9	25,9%	6.920,9	-	-
Low Income Residential	-	-	-	-	-	11,118.0	60,2%	11.118	-	-	17.138,4	64,2%	17.138,4	-	-
Municipal Energy Management	R\$ 912,876.5	9.8		R\$ 912,876.5	População em geral	4,050.0	21,9%	4.050	-	-	2.629,5	9,8%	2.629,5	-	-
Street Lighting	-	-	-	-	-	-	0%	-	-	-	-	0%	-	-	-
Educational	R\$ 3,640,759.9	39.2	R\$ 1,305.7	R\$ 2,335,012.4	População local	-	0%	-	-	-	-	0%	-	-	-
Total	R\$ 9,285.1	100%	R\$ 2,117.3	R\$ 7,167.8	-	18,480.8	100%	18.480,8	-	-	26.708,8	100%	26.708,8	-	-

Energy efficiency

Project Typology	2022			2021			2020		
	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)
Industrial	ND	ND	ND	-	-	-	-	-	-
Trade and Service	ND	ND	ND	-	-	-	-	-	-
Public Power	ND	ND	ND	-	-	-	1.0	174,9	52,6
Public Service	ND	ND	ND	1.0	-	-	-	-	-
Rural	ND	ND	ND	-	-	-	-	-	-
Homeowner	8,315.0	19,901.6	136.9	2,451.0	18,583.5	10.8	33,478.0	11.515,4	1.626,9
Low Income Residential	35,201.0	1,929.7	3,755.2	10,097.0	2,172.9	398.1	64,206.0	12.391,4	2.192
Street Lighting	5.0	798.9	189.6	10.0	2,172.9	290.5	9.0	1.162,6	269,3
Total	43,521.0	22,630.1	4,081.8	12,559.0	22,022.3	699.4	97,694.0	25.244,4	4.140,8

Electric energy segment indicators

BalanceBy Research Topic (Research and Development Manual - ANEEL)	2022		2021		2020	
	Balance	%	Balance	%	Balance	%
FA- Alternative Sources of Electric Energy Generation	- 43,715.0	-0.5%	823,772.6	6.4%	186,623.9	2.7%
GT - Thermoelectric Generation	-	-	-	0%	-	0%
GB - Basin and Reservoir Management	-	-	-	0%	-	0%
MA - Environment	409,300.0	4.4%	-	0%	487,239.5	7%
SE - Security	- 238,942.2	-2.6%	540,051.1	4.2%	2,120,608.0	30.3%
EE - Energy Efficiency	-	-	-	0%	539,604.0	7.7%
PL - Planning of Electric Energy Systems	912,876.5	9.8%	771,444.7	6%	484,399.7	6.9%
OP - Operation of Electric Energy Systems	1,064,999.3	11.5%	7,221,009.0	55.8%	-	0%
SC - Supervision, Control and Protection of Electric Energy Systems	2,072,308.2	22.3%	-	0%	2,017,747.1	28.8%
QC - Quality and Reliability of Electric Energy Services	578,522.5	6.2%	-	0%	59,921.2	0.9%
MF - Measurement, Billing and Fighting Commercial Losses	93,210.0	1%	1,719,811.6	13.3%	680,663.9	9.7%
OU - Other.	4,436,591.4	47.8%	1,870,982.7	14.5%	421,672.5	6%
Total	9,285,150.6	100%	12,947,071.6	100%	6,998,479.7	100%

Electricity Sector Indicators

Universalization	2022	2021	2020
Universalization	16,437.0	16,183.0	14,588.0
Services (#)	4,970.0	4,359.0	8,415.0
Targets Achievement (%)	30.2%	26.9%	57.7%
Total Municipalities Universalized	143	126	106
Universalized Municipalities (%)	100%	88.1%	74.1%

Environmental dimension

	2022	2021	2020
Recovery of degraded areas			
Isolated protected network (ecological network or green line) in the urban area (in km).	11,231.1	10,795.7	9,445.8
Percentage of isolated protected network / total distribution network in the urban area - %	40%	39%	6%
Waste generation and treatment			
Emission			
Annual volume of greenhouse gases (CO2 , CH4 , N2 O, HFC, PFC, SF6) emitted into the atmosphere (in tonnes of CO2 equivalent).	-	1,585,731.9	1,928.4
Annual volume of emissions of ozone-depleting gases (in tonnes of CFC equivalent).	-	ND	-
Wastewater			
Total water discharge, by quality and destination	ND	ND	ND
Solids			
Annual amount (in tons) of solid waste generated (garbage, waste, rubble, etc.).	1390.2	468	312
Amount of waste contaminated by PCBs (Ascarel) destined	ND	ND	ND
Use of Resources in the Organization's Production Process and Management Processes			
Total Energy Consumption by Source:	11,818,192.3	11,300,018.5	11,464,852.9
_hydroelectric (in MWh)	6,524,593.6	6,387,170.8	7,155,570.8
_fossil fuels	4,596,743.2	4,395,197	3,717,463.3
_alternative sources (gas, wind energy, solar energy, etc.)	696,855.5	517,650.7	591,818.8
_alternative sources (gas, wind energy, solar energy, etc.)	0%	-	-
Direct Energy Consumption by Primary Energy Source, in GJ	26,215.9	-	-
- diesel	15,486.7	237,491	405,032.7
Gasoline	10,685.9	227,924	237,034.9
- ethanol	43.3	ND	44.8
- natural gas	-	ND	ND
- Others (detail)	-	ND	ND
Total water consumption by source (in m3):	-	ND	ND
- supply (public network)	9,027	9,432	7,554.4
underground source (well)	38,517	33,350.4	44,316.3
surface abstraction (water courses)	-	ND	ND
Total Water Consumption (in m3)	47,544	42,782.4	51,807.7
Water Consumption per Employee (in m3)	37.9	8.6	10.4

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Environmental Education and Awareness	2022	2021	2020
Environmental Education - Community - In the Organization	5	0	20
Employees trained in environmental education programs	151	0	16
Percentage of employees trained in environmental education programs / total employees.	-	4%	0%
Hours of environmental training/total hours of training	10	0	0
Environmental education - Community	ND	0	0
primary and secondary education units served	7	0	40
students served	248	0	1,513.
teachers trained	13	0	0
technical and higher education units served	0	0	0
students served	0	0	0
Environmental Performance			
Environmental Performance	17.641,0 ha	-	6.648,3 ha
Pruning Volume of waste generated in kg per month.	144,654.	-	1,289.2
Oil leakage (Leak points per month).	ND	-	ND

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Operational and productivity indicators

Operating	2022	2021	2020
Consumers Served - Captives	1,421,903.0	1,365,097.0	1,328,384.0
Consumers Served - Free	170	144	95
Locations Served (Municipalities)	224	224	224
Own Employees	657	673	718
Outsourced Employees	3,864.0	3,072.0	3,028.0
Commercial Office	10	46	46
Energy Supplied (MWh) / Employee	5,551.0	5,870.1	5,137.8
Generated energy (Gwh)	ND	0	0
Purchased Energy (GWh)			
Purchased Energy (GWh)	4,702.2	4,912.1	5,420.4
1) Itaipu	-	-	-
2) Auction (including auction of federal generators (Year 2002))	4,702.2	-	-
3) Dealer Supply	-	-	-
Global Electrical Losses (Gwh)	929	1,008.2	1,054.4
Electrical Losses - Total (%) on the Energy Requirement	18.3%	19.7	21.6%
Technical losses - (%) on the Energy Requirement	12.2%	12.2%	12.2%
Non-Technical Losses (%) - on the Energy Requirement	6.2%	7.5%	9.4%
Energy Sold (Gwh)			
Energy Sold (Gwh)	3,647.0	3,950.6	3,688.9
Homeowner	2,003.0	1,991.6	1,888.1
Commercial	689.0	821.0	729.3
Industrial	112.0	221.6	191.4
Rural	242.0	272.8	225.4
Public Power	258.0	218.7	204.8
Street Lighting	191.0	217.1	256.0
Public Service	152.0	207.8	194.0

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Operating	2022	2021	2020
Substations (un)	102.0	98.0	93.0
Installed Capacity (mt/a)	1,419.8	-	-
Transmission Lines (km)	3,136.9	3,223.9	3,178.1
Distribution Networks (km)	72,429.0	103,900.3	101,241.7
Distribution Transformers (un)	78,945.0	77,680.0	75,206.0
Installed Capacity -MT (MVA)	2,192.0	-	-
Energy Sold per Employee (MWh)	5.5	5.9	5.1
Consumers per Employee	2,164.2	2,028.6	1,850.2
Added Value ³ /GWh Sold	-	570.4	519.7
Average Residential Consumption by Consumer (kWh/Year)	-	148.8	142.6
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Value Calculated	24.5	29	27.5
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Limit	20.8	20.8	20.8
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Value Calculated	11	13.9	12.8
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Limit	14.1	14.1	14.1

External social indicators

Excellence in Service

Consumer and Customer Profile	2022	2021	2020
Energy Sales by Tariff Class (GWh): % Total	-	-	-
Homeowner	32.6%	50.3%	51.1%
Low Income Residential	17.6%	16.6%	15.5%
Commercial	21.2%	20.8%	19.7%
Industrial	5.7%	5.6%	5.2%
Rural	6.1%	6.9%	6.1%
Public Power	4.8%	5.5%	6.9%
Street Lighting	5.4%	5.3%	5.3%
Public Service	6.5%	5.5%	5.5%

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Customer Satisfaction	2022	2021	2020
Satisfaction Rates from IASC – ANEEL Survey	ND	51.3	56.4
Satisfaction rates from surveys from other entities (ABRADEE, Vox Populi and others) and/or own surveys (specify	60.5	42	73
Customer Service			
Call Center	2,890,592.0	3,560,252.0	4,930,092.0
Incoming Calls (units)	1,232,454.0	1,505,814.0	1,688,081.0
Average # Attendants (units)	349	61	335
INS Service Level Rate (%)	91.7%	91.5%	82.2%
IAb - Abandonment Rate (%)	1.7%	2.0%	4.9%
ICO - Busy Calls Rate (%)	0	0	0
TMA - Average Service Time(s)	160	143	151
Compensation for Electrical Damage			
Volume of Requests (units)	2,736	2,421	1,478
Originating (unit.)	ND	400	181
Complaints Indicators			
Well-Founded Complaints (units)	12,699.0	12,276.0	12,458.0
DER (hours)	212.8	186.8	155.4
FER (units)	8.8	8.8	9.1
Violation of Commercial Service Deadlines			
Services performed (unit)	372,413.0	422,793.0	329,734.0
Calls made after the deadline (unit.)	16,411.0	16,328.0	8,880.0
Service Efficiency (%)	95.6%	96.1%	97.3%
Consumer Complaints Forwarded			
To the Company (Ombudsman)	1,443,095.0	1,645,339.0	1,325,915.0
To ANEEL – State/Regional Agencies	1,609.0	2,023.0	1,207.0
To PROCON	1,749.0	1,501.0	2,023.0
To the Justice System	3,928.0	5,168.0	3,545.0
Complaints – Main reasons			
Complaints regarding deadlines in the execution of services	5,314.0	5,540.0	2,451.0
Complaints regarding inadequate power supply	3,391.0	2,216.0	1,080.0
Complaints regarding interruptions	1,394,721.0	1,538,647.0	1,236,435.0
Complaints regarding the emergency	-	-	-
Complaints regarding consumption/reading	22,378.0	25,759.0	32,470.0

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Complaints – Main reasons

	2022	2019	2019
Complaints regarding undue cutting	84.0	131.0	123.0
Claims for undeliverable account	2,979.0	1,661.0	1,005.0
Complaints regarding poorly performed service	2,165.0	2,115.0	1,827.0
Claims regarding electrical damage	3,019.0	2,839.0	1,799.0
Complaints regarding measurement irregularities (fraud/energy deviation)	2,360.0	4,521.0	3,134.0
Other (specify) (%)	ND	ND	ND
Resolved complaints	ND	ND	ND
During service (%)	ND	ND	ND
Up to 30 days (%)	ND	ND	ND
Between 30 and 60 days (%)	ND	ND	ND
More than 60 days (%)	ND	ND	ND
Complaints upheld in relation to the total number of complaints received (%)	ND	ND	ND
Complaints resolved in relation to the number of valid complaints (%)	ND	ND	ND

Internal social indicators**General Instructions**

	2022	2021	2020
Total Employees ¹	657	673	718
outsourced workers (outsourced, subcontracted, self-employed) by employment status, employment contracts and region)	3,864.0	3,072.0	2,967.0
Up to 30 years of age	18.8%	15.2%	18.9%
Employees between 31 and 40 years old (%)	45.5%	45.2%	50.4%
Employees between 41 and 50 years old (%)	26.9%	28.2%	19.1%
Employees over 50 years old (%)	9.6%	11.4%	11.6%
# women compared to total employees (%) ²	19.2%	19.9%	17.5%
Women in managerial positions - compared to the total managerial positions (%) ³	12.9%	7.9%	9.4%
Black female employees (black and brown) - compared to the total employees (%)	12.8%	12.8%	11.8%
Black employees (black and brown) - compared to the total employees (%)	60.9%	61.1%	63.9%
Black employees (black and brown) in managerial positions compared to total managerial positions (%) ⁴	45.7%	49.2%	50.0%
Trainees concerning total employees (%)	3.8%	3.4%	ND
Employees of the Apprentice Hiring Program (%)	2.3%	3.3%	3.6%
People with disabilities	4.6%	4.5%	2.4%

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Compensation, Benefits and Career

	2022	2021	2020
Compensation			
Gross Payroll	54,941.0	55,840.0	45,663.0
Compulsory social charges	17,504.0	17,575.0	20,592.0
Benefits			
Education	82.0	79.0	-
Food	10,315.0	9,691.0	11,330.0
Transportation	17.0	55.0	42.0
Health	4,558.0	5,039.0	5,057.0
Foundation	41.0	665.0	721.0
Occupational Safety and Health	305.0	150.0	146.0
Culture	-	-	-
Training and Professional Development	821.0	420.0	86.0
Childcare or Childcare Aid	972.0	768.0	990.0
Others (Specify): Group Insurance	94.0	135.0	23,592.0
Profit Sharing			
Total investment in the company's profit-sharing program (R\$ thousand)	11,050.0	8,165.0	ND
Amounts distributed compared to gross payroll (%)	20.1%	14.6%	ND
Division of the highest compensation by the lowest compensation paid by the grantee	33.4	17	ND
Division of the company's lowest compensation by the current minimum wage	1.4	0.2	ND
Compensation Profile			
By Categories (average salary in the current year) – R\$			
Board Positions	-	31,162.2	ND
Managerial Positions	13,644.5	15,700.6	10,838.3
Administrative Positions	4,862.6	4,667.8	4,779.4
Production Positions	3,771.0	4,628.3	4,111.2
Health and Work Safety			
Average Overtime per Employee / Year	102.4	614.1	-
Total TF Rate (attendance rate) of the Company in the period for employees	0	1.3	5.6
Total TG Rate (severity rate) of the Company in the period for employees	0	9.2	34.4
Total TF Rate (frequency rate) of the Company in the period for outsourced/contracted parties	5.3	5.6	9.8
Total TG Rate (severity rate) of the Company in the period for outsourced/contracted parties	77.7	107	3,881.9

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Health and Work Safety

	2022	2021	2020
Total TF Rate (attendance rate) of the Company in the period, for the workforce (own + third parties)	4.4	4.8	9
Total TG Rate (severity rate) of the Company in the period, for the workforce (own + third parties)	65.1	88.3	2,858.7
Deaths - Own	0	0	0
Deaths - Outsourced	0	0	3

Professional Development

Schooling Profile - Detail, as a percentage, compared to the total employees			
Elementary School	1.6%	0.9%	2.2%
High School	39.7%	19.9%	43.3%
Technical Education	N/A	19.5%	1.1%
Higher Education	51.6%	54.1%	51.2%
Graduate Education (specialization, master's, doctorate)	7.1%	5.6%	2.4%
Balance invested in professional development and education (R\$ thousand)	907.7	420,032.	ND
Average hours of training per year, per employee, broken down by employee category	38.5	5.5	36.7

Behavior with Layoffs

Turnover Rate	12.6	11.1%	28.3%
Labor Claims	582	537	554
Amount provisioned in the Period (R\$ thousand)	3,526,267.0	6,146,775.0	8,660,749.0
Labor lawsuits filed against the company in the period	523	576	554
labor lawsuits judged valid in the period	353	510	762
labor lawsuits dismissed in the period	415	184	215
Total indemnities and fines paid by court order in the period	9,943,916.0	16,109,437.0	16,198,339.0

Preparing for Retirement

Investments in Supplementary Pension Plans (R\$ thousand)	366,701.1	665.0	ND
Beneficiaries of the supplementary pension program	1,805.0	165.0	ND

¹The following are not considered employees: President, Director, Statutory Superintendents, Interns, and Apprentices.²Does not include Bylaws, presidents, directors, interns, and apprentices.³Management positions were considered: President, Director, CLT Superintendent, Manager, and Executive.⁴Management positions were considered: President, Director, CLT Superintendent, Manager, Executive, and Leader.

Economic and financial indicators

	In thousands of Reais		
	2022	2021	2020
1. REVENUE			
1.1 Sales of Goods, Products and Services	4,018,724.0	4,175,389.0	3,487,989.0
1.2 Other Revenues	-	29.0	7,094.0
1.3 Revenues from Building Own Assets	-	-	-
1.4 Provision for Doubtful Accounts - Reversal / (Recognition)	- 73.796,0	130,006.0	- 10.649,0
1.5 Provision for Civil, Tax and Labor Proceedings	-	-	-
2. INPUTS PURCHASED FROM THIRD PARTIES (includes Taxes - ICMS, IPI, PIS and Cofins)			
2.1 Costs of Goods, Products and Services Sold	- 1,940,582.0	- 2,117,186.0	- 1,630,995.0
2.2 Materials, Energy, Third-Party Services, and Others	- 284,590.0	- 241,532.0	- 180,588.0
2.3 Loss/Recovery of Assets	-	-	162,791.0
2.4 Others (specify)	- 54,386.0	- 30,837.0	- 16,643.0
3. GROSS ADDED VALUE (1-2)			
Gross Added Value (1-2)	1,665,370.0	1,915,869.0	1,818,999.0
4. DEPRECIATION, AMORTIZATION AND DEPLETION			
Depreciation, Amortization And Depletion	- 110,925.0	- 35,612.0	- 145,423.0
5. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
Net Value Added Produced By The Entity (3-4)	1,554,445.0	1,880,257.0	1,673,576.0
6. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
6.1 Equity Pick-Up	-	-	-
6.2 Financial Revenues	581,227.0	373,132.0	243,488.0
6.3 Outras	-	-	-
7. TOTAL VALUE ADDED TO DISTRIBUTE (5+6)			
Total Value Added To Distribute (5+6)	2,135,672.0	2,253,389.0	1,917,064.0
8. DISTRIBUTION OF VALUE-ADDED			
8.1 Personnel	70,645.0	71,906.0	62,463.0
8.1.1 Direct Compensation	52,969.0	51,678.0	38,110.0
8.1.2 Benefícios	11,176.0	13,952.0	10,646.0
8.1.3 F.G.T.S.	6,500.0	6,276.0	13,707.0
8.1.4 Others	-	-	-

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8. DISTRIBUTION OF VALUE-ADDED	2022	2021	2020
8.2 Taxes, Fees, and Contributions	1,114,134.0	704,032.0	943,754.0
8.2.1 Federal	514,765.0	- 4,784.0	338,392.0
8.2.2 State	598,820.0	708,346.0	605,260.0
8.2.3 Municipal	549.0	470.0	102.0
8.3 Third-Party Capital Compensation	725,635.0	468,386.0	291,447.0
8.3.1 Interest	629,087.0	414,086.0	242,350.0
8.3.2 Rents	2,562.0	1,138.0	- 231.0
8.3.3 Others	93,986.0	53,162.0	49,328.0
8.4 Shareholders' Equity Compensation	225,258.0	1,009,065.0	619,400.0
8.4.1 Shareholders' Equity Compensation	-	-	-
8.4.2 Dividends	53,248.0	-	-
8.4.3 Retained Earnings/Loss for the Fiscal Year	172,010.0	1,009,065.0	619,400.0
8.4.4 Non-Controlling Interest in Retained Earnings (only for consolidation)	-	-	-

Energy efficiency program

Project Typology	2022						2021					2020				
	Investment (R\$ thousand)		Source of Funds (R\$ thousand)				Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)		
	Total	%	Own	Assets	Customers		Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers
Industrial	9,406.9	0.3%	9,406.9	-	-		0	0%	-	-	-	-	0%	-	-	-
Trade and Service	2,524,697.7	74.2%	74,024.4	2,450,673.3	Distributor and distributor's customers		0	0%	-	-	-	-	0%	-	-	-
Public Power	-	-	-	-	-		29.6	0,2%	29,6	-	-	103,9	0,5%	103,9	-	-
Public Service	865,778.0	25.5%	706,427.0	159,351.0	Users of electric cars and customers who use public public parks		0	0%	-	-	-	-	0%	-	-	-
Rural	-	-	-	-	-		0	0%	-	-	-	-	0%	-	-	-

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Project Typology	2022					2021					2020				
	Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)			Investment (R\$ thousand)		Source of Funds (R\$ thousand)		
	Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers	Total	%	Own	Assets	Customers
Homeowner	-	-	-	-	-	646.1	5%	646.1	-	-	5.529	24,5%	5.529	-	-
Low Income Residential	-	-	-	-	-	10,108.8	78%	10,108.8	-	-	11.574,5	51,3%	11.571,5	-	-
Municipal Energy Management	-	-	-	-	-	0	0%	-	-	-	-	0%	-	-	-
Street Lighting	-	-	-	-	-	2,433.1	17%	2,433.1	-	-	5.339,2	23,7%	5.339,2	-	-
Educational	1,125.8	0%	1,125.8	-	Population location	0	0%	-	-	-	-	0%	-	-	-
Total	3,401,008.4	100	790,984.1	2,610,024.3	-	0	0%	-	-	-	-	100%	-	-	-

By Research Topic (Research and Development Manual - ANEEL)	2022		2021		2022	
	Balance	%	Balance	%	Balance	%
FA- Alternative Sources of Electric Energy Generation	-	-	323,339.2	5%	-	0%
GT - Thermoelectric Generation	-	-	-	0%	-	0%
GB - Basin and Reservoir Management	-	-	-	0%	-	0%
MA - Environment	-	-	-	0%	-	0%
SE - Security	-	-	-	0%	-	0%
EE - Energy Efficiency	-	-	381,332.8	6%	2,462,040.7	18%
PL - Planning of Electric Energy Systems	9,406.9	0.3%	-	0%	2,900,424.7	21%
OP - Operation of Electric Energy Systems	-	-	5,056,863.6	74%	6,046,192.2	43%
SC - Supervision, Control and Protection of Electric Energy Systems	-	-	-	0%	-	0%
QC - Quality and Reliability of Electric Energy Services	13,830.0	0.4%	-	0%	-	0%
MF - Measurement, Billing and Fighting Commercial Losses	3,470.0	0.1%	287,4	4%	2,471,997.9	18%
OU - Other.	3,374,301.5	99.2%	763,071.7	11%	43,726.5	0%
Total	3,401,008.4	100%	6,812,442.7	100%	13,924,382.0	100%

Electricity Sector Indicators

Energy Efficiency

Project Typology	2022			2021			2020		
	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)
Industrial	ND	ND	ND	0	0	0	0	0	-
Trade and Service	ND	ND	ND	0	0	0	0	0	-
Public Power	ND	ND	ND	2	0	0	0	0	-
Public Service	ND	ND	ND	0	0	0	0	0	-
Rural	ND	ND	ND	0	0	0	0	0	-
Homeowner	3,334.0	1,132.5	216.2	407.0	352.7	8.9	12,510.0	720.7	183
Low Income Residential	57,113.0	7,509.2	ND	4,434.0	1,258.0	173.2	8,544.0	1,621.0	193,9
Street Lighting	25.0	2,214.0	417.3	15.0	5,109.1	1,165.2	9.0	2,435.9	525,5
Total	61,413.0	16,273.7	633.5	4,858.0	6,719.8	1,356.2	21,063.0	4,777.6	902,4

Electricity Sector Indicators

Universalization	2022	2021	2020
Attendance Goals	12.168	11.526	3.346
Attendances made (nº)	4.718	2.644	4.148
Goal achievement (%)	38,8%	22,9%	124%
Total of universalized municipalities	187	134	41
Universalized municipalities (%)	83,5%	59,8%	18,3%

Environmental dimension

Recovery of degraded areas	2022	2021	2020
Isolated protected network (ecological network or green line) in the urban area (in km).	2,532.2	2,128.5	1,361.2
Percentage of isolated protected network / total distribution network in the urban area - %	17%	14%	9%
Waste generation and treatment			
Emission			
Annual volume of greenhouse gases (CO2 , CH4 , N2 O, HFC, PFC, SF6) emitted into the atmosphere (in tonnes of CO2 equivalent).	-	13,184.4	1,679.7
Annual volume of emissions of ozone-depleting gases (in tonnes of CFC equivalent).	-	ND	-
Wastewater			
Total water discharge, by quality and destination	ND	ND	ND
Solids			
Annual amount (in tons) of solid waste generated (garbage, waste, rubble, etc.).	297.5	398.2	244
Amount of waste contaminated by PCBs (Ascarel) destined	ND	ND	ND
Use of Resources in the Organization's Production Process and Management Processes			
Total Energy Consumption by Source:	4,702,199.6	4,912,133.1	5,397,898.7
_hydroelectric (in MWh)	3,110,330.5	3,075,663.1	4,063,185.2
_fossil fuels	1,432,291.7	1,496,237.5	1,202,954.1
_alternative sources (gas, wind energy, solar energy, etc.)	159,577.4	340,232.5	131,759.4
_alternative sources (gas, wind energy, solar energy, etc.)	0%	0%	0%
Direct Energy Consumption by Primary Energy Source, in GJ			
- diesel	15,438.7	429,520.4	548,432.
Gasoline	3,581.6	93,372.3	113,593.
- ethanol	18.8	72.5	42
- natural gas	-	ND	ND
- Others (detail)	-	-	ND
Total water consumption by source (in m3):			
- supply (public network)	25,119.	12,573.	10,902.
underground source (well)	16,896.	1,645.	2,160.
surface abstraction (water courses)	ND	ND	ND
Total Water Consumption (in m3)	42,015.	14,218.	12,789.5
Water Consumption per Employee (in m3)	63.9	21.7	17.9

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Environmental Education and Awareness

	2022	2021	2020
Environmental Education - Community - In the Organization	-		
Employees trained in environmental education programs	-	8	18
Percentage of employees trained in environmental education programs / total employees.	-	0%	3%
Hours of environmental training/total hours of training	-	1.2	-
Environmental education - Community	77		
primary and secondary education units served	49	1	-
students served	3,951.	31	-
teachers trained	-	-	-
technical and higher education units served	13	-	-
students served	1,007.	-	-
Environmental Performance			
Plant Suppression	39,6 ha	-	-
Pruning Volume of waste generated in kg per month.	NA	-	-
Oil Leakage(Points of leakage per month).	NA	-	-

Alagoas

Operational and productivity indicators

Operating	2022	2021	2020
Consumers Served - Captives	1,325,032.0	1,197,777.0	1,048,488.0
Consumers Served - Free	158.0	122.0	91.0
Locations Served (Municipalities)	102.0	102.0	102.0
Own Employees	589.0	597.0	618.0
Outsourced Employees	3,260.0	2,856.0	2,282.0
Commercial Office	5.0	30.0	30.0
Energy Supplied (MWh) / Employee	5,632.4	6,635.2	5,138.1
Generated energy (Gwh)	ND	0	0
Purchased Energy (GWh)			
Purchased Energy (GWh)	4,692.1	4,733.0	4,661.3
1) Itaipu	0.0	-	-
2) Auction (including auction of federal generators (Year 2002))	4,692.1	-	-
3) Dealer Supply	-	-	-
Global Electrical Losses (Gwh)	1,023.4	1,140.5	1,190.1
Electrical Losses - Total (%) on the Energy Requirement	20.0%	22.3%	23.6%
Technical losses - (%) on the Energy Requirement	10.3%	10.3%	10.3%
Non-Technical Losses (%) - on the Energy Requirement	9.7%	11.9%	13.2%
Energy Sold (Gwh)			
Energy Sold (Gwh)	3,317.5	3,961.2	3,175.3
Homeowner	1,673.8	1,604.4	1,554.6
Commercial	687.8	674	611.4
Industrial	126.5	814	143.9
Rural	166.3	219.6	205.3
Public Power	189.1	157.1	150.1
Street Lighting	247.2	254.7	278
Public Service	226.8	237.4	232.1

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Operating	2022	2021	2020
Substations (un)	44.0	44.0	43.0
Installed Capacity (mt/a)	1,151.0	-	-
Transmission Lines (km)	2,216.9	1,948.6	1,945.7
Distribution Networks (km)	24,157.0	43,774.4	43,116.0
Distribution Transformers (un)	31,852.0	31,476.0	31,357.0
Installed Capacity -MT (MVA)	2,295.0	-	-
Energy sales by installed capacity (GWh/MVA*No hours/year)	660,479.3	-	-
Energy Sold per Employee (MWh)	5.6	6.6	5.1
Consumers per Employee	2,249.9	2,006.5	1,696.7
Added Value ¹ /GWh Sold	-	497.0	460.2
Average Residential Consumption by Consumer (kWh/Year)	123.9		
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Value Calculated	18.7	23.8	19.3
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Limit	15.5	15.5	15.5
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Value Calculated	7.8	10.2	9.6
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Limit	13.0	12.9	13.0

External social indicators

Excellence in Service

Consumer and Customer Profile

	2022	2021	2020
Energy Sales by Tariff Class (GWh): % Total			
Homeowner	29.1%	30.2%	31.8%
Low Income Residential	12.2%	10.3%	8.7%
Commercial	17.1%	17%	17.9%
Industrial	21.2%	20.5%	19%
Rural	4.1%	5.5%	5.4%
Public Power	4.7%	4%	3.9%
Street Lighting	6.1%	6.4%	7.2%
Public Service	5.6%	6%	6.1%

Customer Satisfaction

Satisfaction Rates from IASC – ANEEL Survey	ND	53.4	56.2
Satisfaction rates from surveys from other entities (ABRADEE, Vox Populi and others) and/or own surveys (specify	61.6	62.6	72.7

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	2022	2021	2020
Customer Service			
Call Center	2,297.087	2,492.772	3,172.289
Incoming Calls (units)	921,256.0	997,689.0	1,204,168.0
Average # Attendants (units)	349.0	41.0	50.0
INS Service Level Rate (%)	92.0%	90.9%	80.8%
IAb - Abandonment Rate (%)	0.9%	1.5%	3.2%
ICO - Busy Calls Rate (%)	0	0	0.1
TMA - Average Service Time(s)	175.0	157.0	163.0
Compensation for Electrical Damage			
Volume of Requests (units)	4,429.0	3,673.0	2,752.0
Originating (unit.)	ND	ND	ND
Complaints Indicators			
Well-Founded Complaints (units)	11,419.0	6,185.0	13,684.0
DER (hours)	209.7	145.5	131.3
FER (units)	8.8	5.0	11.0
Violation of Commercial Service Deadlines			
Services performed (unit)	405,546.0	416,947.0	279,930.0
Calls made after the deadline (unit.)	16,690.0	12,712.0	20,807.0
Service Efficiency (%)	95.9%	98.9%	92.6%
Consumer Complaints Forwarded			
To the Company (Ombudsman)	754,966.0	842,621.0	644,638.0
To ANEEL – State/Regional Agencies	1,007.0	887.0	670.0
To PROCON	2,084.0	1,374.0	729.0
To the Justice System	3,268.0	3,607.0	3,222.0
Complaints – Main reasons			
Complaints regarding deadlines in the execution of services	3,250.0	2,100.0	1,443.0
Complaints regarding inadequate power supply	2,667.0	1,590.0	444.0
Complaints regarding interruptions	697,652.0	770,909.0	607,234.0
Complaints regarding the emergency	0.0	0.0	0.0
Complaints regarding consumption/reading	26,235.0	17,408.0	24,206.0
Complaints regarding undue cutting	179.0	83.0	97.0

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Complaints – Main reasons

	2022	2021	2020
Claims for undeliverable account	4,994.0	1,427.0	1,946.0
Complaints regarding poorly performed service	2,218.0	2,384.0	1,485.0
Claims regarding electrical damage	4,730.0	3,951.0	2,966.0
Complaints regarding measurement irregularities (fraud/energy deviation)	5,215.0	4,599.0	3,587.0
Other (specify) (%)	ND	ND	ND
Resolved complaints	ND	ND	ND
During service (%)	ND	ND	ND
Up to 30 days (%)	ND	ND	ND
Between 30 and 60 days (%)	ND	ND	ND
More than 60 days (%)	ND	ND	ND
Complaints upheld in relation to the total number of complaints received (%)	ND	ND	ND
Complaints resolved in relation to the number of valid complaints (%)	ND	ND	ND

Internal social indicators**General Instructions**

	2022	2021	2020
Total Employees ¹	589.0	597.0	618.0
outsourced workers (outsourced, subcontracted, self-employed) by employment status, employment contracts and region)	3,260.0	2,856.0	2,282.0
Up to 30 years of age	17.8%	12.2%	9.4%
Employees between 31 and 40 years old (%)	37.7%	38.9%	43.4%
Employees between 41 and 50 years old (%)	25.0%	27.8%	25.1%
Employees over 50 years old (%)	19.5%	21.1%	22.2%
# women compared to total employees (%) ²	23.9%	22.6%	19.6%
Women in managerial positions - compared to the total managerial positions (%) ³	25.0%	6.8%	16.3%
Black female employees (black and brown) - compared to the total employees (%)	11.9%	11.2%	9.5%
Black employees (black and brown) - compared to the total employees (%)	44.0%	46.4%	49.2%
Black employees (black and brown) in managerial positions compared to total managerial positions (%) ⁴	35.4%	50.0%	59.2%
Trainees concerning total employees (%)	5.8%	7.5%	2.3%
Employees of the Apprentice Hiring Program (%)	2.9%	2.8%	0.0%
People with disabilities	3.9%	3.9%	1.9%

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Compensation, Benefits and Career

	2022	2021	2020
Compensation			
Gross Payroll	44,189.0	35,055.0	36,725.0
Compulsory social charges	10,390.0	14,846.0	11,941.0
Benefits			
Education	0.0	0.0	0.0
Food	8,579.0	7,931.0	7,625.0
Transportation	53.0	38.0	0.0
Health	6,922.0	12,030.0	4,891.0
Foundation	1,449.0	1,441.0	1,602.0
Occupational Safety and Health	540.0	152.0	58.0
Culture	0.0	0.0	0.0
Training and Professional Development	889.0	875.0	78.0
Childcare or Childcare Aid	927.0	785.0	796.0
Others (Specify): Group Insurance	62.0	52.0	1,150.0
Profit Sharing			
Total investment in the company's profit-sharing program (R\$ thousand)	9,111.0	5,437.0	6,448.0
Amounts distributed compared to gross payroll (%)	20.6%	15.5%	17.6%
Division of the highest compensation by the lowest compensation paid by the grantee	30.3	18.1	29.8
Division of the company's lowest compensation by the current minimum wage	1.4	1.5	0.9
Compensation Profile			
By Categories (average salary in the current year) – R\$			
Board Positions	-	ND	ND
Managerial Positions	13,940.1	11,912.0	9,580.3
Administrative Positions	5,378.6	3,389.9	4,465.1
Production Positions	3,878.5	4,712.6	3,833.2
Health and Work Safety			
Average Overtime per Employee / Year	151.4	ND	ND
Total TF Rate (attendance rate) of the Company in the period for employees	1.7	3.3	10.5
Total TG Rate (severity rate) of the Company in the period for employees	1.7	131.4	30.5
Total TF Rate (frequency rate) of the Company in the period for outsourced/contracted parties	8.2	6.7	15.8

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Health and Work Safety

	2022	2021	2020
Total TG Rate (severity rate) of the Company in the period for outsourced/contracted parties	111.5	87.5	117.0
Total TF Rate (attendance rate) of the Company in the period, for the workforce (own + third parties)	7.3	6.1	14.8
Total TG Rate (severity rate) of the Company in the period, for the workforce (own + third parties)	94.7	131.4	100.3
Deaths - Own	0.0	0.0	0.0
Deaths - Outsourced	0.0	0.0	0.0

Professional Development

Schooling Profile - Detail, as a percentage, compared to the total employees			
Elementary School	9.8%	10.6%	15.4%
High School	33.3%	22.8%	34.6%
Technical Education	N/A	12.6%	1.0%
Higher Education	45.3%	43.6%	42.7%
Graduate Education (specialization, master's, doctorate)	11.6%	10.6%	6.3%
Balance invested in professional development and education (R\$ thousand)	893.6	875.0	78.0
Average hours of training per year, per employee, broken down by employee category	8.0	1.0	6.9

Behavior with Layoffs

Turnover Rate	13.2%	12.9%	12.9%
Labor Claims	104.0	272.0	272.0
Amount provisioned in the Period (R\$ thousand)	1,583,024.0	37,596,354.0	60,304,770.0
Labor lawsuits filed against the company in the period	80.0	559.0	272.0
labor lawsuits judged valid in the period	58.0	367.0	70.0
labor lawsuits dismissed in the period	145.0	119.0	16.0
Total indemnities and fines paid by court order in the period	9,823,606.0	18,274,318.0	10,796,936.5

Preparing for Retirement

Investments in Supplementary Pension Plans (R\$ thousand)	1,238,341.2	1,441.0	ND
Beneficiaries of the supplementary pension program	1,218.0	375.0	ND

¹The following are not considered employees: President, Director, Statutory Superintendents, Interns, and Apprentices.²Does not include Bylaws, presidents, directors, interns, and apprentices.³Management positions were considered: President, Director, CLT Superintendent, Manager, and Executive.⁴Management positions were considered: President, Director, CLT Superintendent, Manager, Executive, and Leader.⁵Does not include the positions of: President, Director, Statutory Superintendents, Interns and Apprentices. Include severance pay with the exception of FGTS fines.⁶Total social charges for the year (INSS and FGTS) are included.

Economic and financial indicators

	In thousands of Reais		
	2022	2021	2020
1. REVENUE			
1.1 Sales of Goods, Products and Services	3,702,051.0	3,823,201.0	2,852,761.0
1.2 Other Revenues	836.0	94.0	1,609.0
1.3 Revenues from Building Own Assets	-	-	-
1.4 Provision for Doubtful Accounts - Reversal / (Recognition	- 48.348,0	108,882.0	2,659.0
1.5 Provision for Civil, Tax and Labor Proceedings	-	-	-
2. INPUTS PURCHASED FROM THIRD PARTIES (INCLUDES TAXES - ICMS, IPI, PIS AND COFINS)			
2.1 Costs of Goods, Products and Services Sold	- 1.704.069,0	- 1.910.495,0	- 1.372.583,0
2.2 Materials, Energy, Third-Party Services, and Others	- 273.351,0	- 182.182,0	- 136.878,0
2.3 Loss/Recovery of Assets	-	-	-
2.4 Others (specify)	- 40.593,0	- 23.848,0	- 28.771,0
3. GROSS ADDED VALUE (1-2)			
Gross Added Value (1-2)	1,636,526.0	1,815,652.0	1,318,797.0
4. DEPRECIATION, AMORTIZATION AND DEPLETION			
Depreciation, Amortization And Depletion	- 83.237,0	- 71.778,0	- 63.186,0
5. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
Net Value Added Produced By The Entity (3-4)	1,553,289.0	1,743,874.0	1,255,611.0
6. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
6.1 Equity Pick-Up	-	-	-
6.2 Financial Revenues	253,880.0	225,046.0	205,615.0
6.3 Outras	-	-	-
7. TOTAL VALUE ADDED TO DISTRIBUTE (5+6)			
Total Value Added To Distribute (5+6)	1,807,169.0	1,968,920.0	1,461,226.0
8. DISTRIBUTION OF VALUE-ADDED			
8.1 Personnel	66,196.0	68,698.0	66,998.0
8.1.1 – Direct Compensation	40,279.0	42,917.0	43,945.0
8.1.2 – Benefits	20,349.0	18,701.0	16,588.0
8.1.2 – Benefits	5,568.0	7,080.0	6,465.0
8.1.4 Others	-	-	-

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8. DISTRIBUTION OF VALUE-ADDED	2022	2021	2020
8.2 Taxes, Fees, and Contributions	1,171,614.0	560,961.0	733,579.0
8.2.1 Federal	621,319.0	1,377.0	282,869.0
8.2.2 State	549,391.0	557,880.0	449,842.0
8.2.3 Municipal	904.0	1,704.0	868.0
8.3 Third-Party Capital Compensation	249,608.0	164,967.0	207,359.0
8.3.1 Interest	198,778.0	121,123.0	159,739.0
8.3.2 Rents	1,501.0	394.0	523.0
8.3.3 Others	49,329.0	43,450.0	47,097.0
8.4 Shareholders' Equity Compensation	319,751.0	1,174,294.0	453,290.0
8.4.1 Shareholders' Equity Compensation	-	-	-
8.4.2 Dividends	-	-	-
8.4.3 – Retained Earnings/Loss for the Fiscal Year	319,751.0	1,174,294.0	453,290.0
8.4.4 Non-Controlling Interest in Retained Earnings (only for consolidation)	-	-	-

Energy efficiency program

Project Typology	2022				
	Investment (R\$ thousand)		Source of Funds (R\$ thousand)		
	Total	%	Own	Assets	Customers
Industrial	R\$ 773,350.0	24.6%	R\$ 1,590.0	R\$ 771,760.0	Experimental Project - Client Equatorial
Trade and Service	R\$ 1,442,017.1	45.9	R\$ 23,414.7	R\$ 1,418,602.3	Customers of the distributor
Public Power	R\$ 924,305.1	29.4%	R\$ 723,158.5	R\$ 201,146.6	Electric car users and customers using public parks
Public Service	-	-	-	-	-
Rural	-	-	-	-	-
Homeowner	-	-	-	-	-
Low Income Residential	-	-	-	-	-
Municipal Energy Management	-	-	-	-	-
Street Lighting	-	-	-	-	-
Educational	-	-	-	-	-
Total	R\$ 3,139,672.1	100%	R\$ 748,163.2	R\$ 2,391,508.9	-

¹Indicator being reported for the first time this year.

Electric energy segment indicators

By Research Topic (Research and Development Manual - ANEEL)	2022		2021		2020	
	Balance	%	Balance	%	Balance	%
FA- Alternative Sources of Electric Energy Generation	-	-	281,817.0	4.0%	1,852,632.1	24.0%
GT - Thermoelectric Generation	-	-	0.0	0.0%	0.0	0.0%
GB - Basin and Reservoir Management	-	-	0.0	0.0%	0.0	0.0%
MA - Environment	-	-	0.0	0.0%	0.0	0.0%
SE - Security	-	-	0.0	0.0%	0.0	0.0%
EE - Energy Efficiency	-	-	979,020.7	14.0%	0.0	0.0%
PL - Planning of Electric Energy Systems	-	-	0.0	0.0%	0.0	0.0%
OP - Operation of Electric Energy Systems	28,717.2	0.9%	0.0	0.0%	0.0	0.0%
SC - Supervision, Control and Protection of Electric Energy Systems	-	-	0.0	0.0%	1,298,742.4	17.0%
QC - Quality and Reliability of Electric Energy Services	6,890.0	0.2%	0.0	0.0%	0.0	0.0%
MF - Measurement, Billing and Fighting Commercial Losses	388,030.8	12.4%	684,970.0	10.0%	4,532,122.8	58.0%
OU - Other.	2,716,034.1	86.5%	5,086,499.0	72.0%	117,058.0	2.0%
Total	3,139,672.1	100.0%	7,032,306.7	100.0%	7,800,555.3	100.0%

Energy Efficiency

Project Typology	2022		
	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)
Industrial	ND	ND	ND
Trade and Service	1.0	297.2	46.2
Public Power	ND	ND	ND
Public Service	ND	ND	ND
Rural	ND	ND	ND
Homeowner	301.0	2,298.2	ND
Low Income Residential	39,603.0	2,238.8	799.9
Street Lighting	4.0	925.8	207.6
Total	39,909.0	5,759.9	1,053.7

¹ Indicator being reported for the first time this year.

ELECTRICITY SECTOR INDICATORS

Universalization	2022	2021	2020
Attendance Goals	NA	NA	NA
Services (#)	ND	ND	ND
Targets Achievement (%)	ND	ND	ND
Total Municipalities Universalized	ND	ND	ND
Universalized Municipalities (%)	ND	ND	ND

¹Indicator being reported for the first time this year.

Environmental dimension**Recovery of degraded areas**

	2022	2021	2020
Isolated protected network (ecological network or green line) in the urban area (in km).	2,567.6	2,341.4	1,949.7
Percentage of isolated protected network / total distribution network in the urban area - %	0%	24%	20%

Waste generation and treatment**Emission**

Annual volume of greenhouse gases (CO ₂ , CH ₄ , N ₂ O, HFC, PFC, SF ₆) emitted into the atmosphere (in tonnes of CO ₂ equivalent).	-	2,046.9	681.1
Annual volume of emissions of ozone-depleting gases (in tonnes of CFC equivalent).	-	ND	ND
Wastewater			
Total water discharge, by quality and destination	ND	ND	ND
Solids			
Annual amount (in tons) of solid waste generated (garbage, waste, rubble, etc.).	555.9	1,854.0	2,330.0
Amount of waste contaminated by PCBs (Ascarel) destined	ND	ND	ND

Use of Resources in the Organization's Production Process and Management Processes

Total Energy Consumption by Source:	4,692,125.5	4,733,039.7	4,661,320.6
_hydroelectric (in MWh)	2,326,740.6	2,277,214.0	2,363,848.2
_fossil fuels	846,341.9	853,721.8	640,458.6
_alternative sources (gas, wind energy, solar energy, etc.)	1,519,042.9	1,602,103.8	1,657,013.8

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Direct Energy Consumption by Primary Energy Source, in GJ

- diesel	5,859.1	-	40.0
Gasoline	3,965.4	-	N/A
- ethanol	18.2	-	6,838.0
- natural gas	-	-	1,200.0
- Others (detail)	-		-
Total water consumption by source (in m3):	6,307.0	4,512.0	4,665.4
- supply (public network)	6,307.0	4,512.0	7.9
underground source (well)	-	-	-
surface abstraction (water courses)	-	-	-
Total Water Consumption (in m3)	6,307.0	-	-
Water Consumption per Employee (in m3)	10.7	-	-

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Environmental Education and Awareness

	2022	2021	2020
Environmental Education - Community - In the Organization	0.0	-	-
Employees trained in environmental education programs	0.0	0.0	65.0
Percentage of employees trained in environmental education programs / total employees.	0.0	0.0	10.6
Hours of environmental training/total hours of training	0.0	0.0	0.0
Environmental education - Community			
primary and secondary education units served	37.0	0.0	0.0
students served	7,136.0	-	-
teachers trained	ND	0.0	0.0
technical and higher education units served	8.0	0.0	0.0
students served	125.0	0.0	0.0

Environmental Performance

Environmental Performance	5,459.0	-	-
Pruning Volume of waste generated in kg per month.	ND	ND	ND
Oil leakage (Leak points per month).	ND	ND	ND

Rio Grande do Sul

Operational and productivity indicators

Technical Data (inputs, production capacity, sales, losses)

Operating	2022	2021	2020
Consumers Served - Captives	-	1,791,090.0	1,768,928.0
Consumers Served - Free	-	458.0	364.0
Locations Served (Municipalities)	72.0	72.0	72.0
Own Employees	970.0	1,272.0	ND
Outsourced Employees	5,059.0	1,162.0	ND
Commercial Office	20.0	40.0	ND
Energy Supplied (MWh) / Employee	6,521.1	6,029.7	ND
Generated energy (Gwh)	ND	0.0	ND
Purchased Energy (GWh)			
Purchased Energy (GWh)	8,585.80	8,931.00	8,996.00
1) Itaipu	1,542.40	ND	ND
2) Auction (including auction of federal generators (Year 2002))	7,043.30	ND	ND
3) Dealer Supply	-	ND	ND
Global Electrical Losses (Gwh)	1,548.30	1,798.00	1,743.00
Electrical Losses - Total (%) on the Energy Requirement	15.90%	18.60%	18.30%
Technical losses - (%) on the Energy Requirement	6.70%	6.10%	6.00%
Non-Technical Losses (%) - on the Energy Requirement	9.20%	12.50%	12.30%
Energy Sold (Gwh)			
Energy Sold (Gwh)	6,325.5	7,669.7	7,724.7
Homeowner	3,190.8	3,052.4	3,145.0
Commercial	283.0	2,017.2	2,003.7
Industrial	1,542.2	1,303.1	1,281.4
Rural	569.9	559.3	560.5
Public Power	288.6	267.9	266.5
Street Lighting	273.6	238.5	236.8
Public Service	177.6	225.5	225.4

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Operating	2022	2021	2020
Substations (un)	72.0	92.0	ND
Installed Capacity (mt/a)	2,652.0	ND	ND
Transmission Lines (km)	1,806.2	1,785.1	ND
Distribution Networks (km)	38,347.0	56,851.4	ND
Distribution Transformers (un)	71,821.0	70,042.0	ND
Installed Capacity -MT (MVA)	6,764.5	ND	ND
Energy Sold per Employee (MWh)	6.5	6.0	ND
Consumers per Employee	-	1,408.4	ND
Added Value ³ /GWh Sold	-	476.3	ND
Average Residential Consumption by Consumer (kWh/Year)			
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Value Calculated	17.8	18.1	20
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Limit	9.3	9.3	9.9
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Value Calculated	8.5	9.7	10.6
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Limit	7	7	7.7

External social indicators

Excellence in service

Consumer and Customer Profile

	2022	2021	2020
Energy Sales by Tariff Class (GWh): % Total			
Homeowner	35.6%	36.5%	38.1%
Low Income Residential	3.7%	2.9%	2.5%
Commercial	16.7%	17.4%	16.6%
Industrial	27.2%	26.5%	26.0%
Rural	7.0%	7.3%	7.2%
Public Power	3.5%	3.1%	3.1%
Street Lighting	3.4%	2.9%	3.0%
Public Service	2.8%	3.5%	0.1%

Customer Satisfaction

Satisfaction Rates from IASC – ANEEL Survey	ND	54	63.7
Satisfaction rates from surveys from other entities (ABRADEE, Vox Populi and others) and/or own surveys (specify	61.9	64.8	78.5

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	2022	2021	2020
Customer Service			
Call Center	5,359,026.0	5,765,073.0	4,168,305.0
Incoming Calls (units)	3,981,576.0	4,232,922.0	3,026,281.0
Average # Attendants (units)	316.0	285.0	190.0
INS Service Level Rate (%)	86.0	89.0%	77.8%
IAb - Abandonment Rate (%)	1.3	0.6	3.5
ICO - Busy Calls Rate (%)	0.0	0.0	0.0
TMA - Average Service Time(s)	210.0	285.0	190.0
Compensation for Electrical Damage			
Volume of Requests (units)	5,431.0	4,748.0	4,889.0
Originating (unit.)	ND	ND	ND
Complaints Indicators			
Well-Founded Complaints (units)	29,529.0	22,185.0	9,175.0
DER (hours)	146.6	246.4	540.2
FER (units)	17.0	12.5	5.2
Violation of Commercial Service Deadlines			
Services performed (unit)	615,818.0	833,153.0	619,293.0
Calls made after the deadline (unit.)	14,706.0	40,385.0	19,878.0
Service Efficiency (%)	97.6%	95.2%	96.8%
Consumer Complaints Forwarded			
To the Company (Ombudsman)	1,745,127.0	1,728,241.0	1,636,705.0
To ANEEL – State/Regional Agencies	2,871.0	1,622.0	1,981.0
To PROCON	1,740.0	ND	ND
To the Justice System	3,794.0	2,635.0	2,438.0
Complaints – Main reasons			
Complaints regarding deadlines in the execution of services	20,540.0	14,232.0	8,112.0
Complaints regarding inadequate power supply	2,629.0	1,491.0	1,525.0
Complaints regarding interruptions	1,657,849.0	1,617,490.0	1,573,314.0
Complaints regarding the emergency	0.0	0.0	0.0
Complaints regarding consumption/reading	36,467.0	12,185.0	7,093.0
Complaints regarding undue cutting	494.0	349.0	161.0

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Complaints – Main reasons

	2022	2021	2020
Claims for undeliverable account	2,486.0	1,577.0	995.0
Complaints regarding poorly performed service	11,994.0	17,932.0	5,933.0
Claims regarding electrical damage	5,599.0	5,043.0	5,229.0
Complaints regarding measurement irregularities (fraud/energy deviation)	3,929.0	3,152.0	2,547.0
Other (specify) (%)	ND	ND	ND
Resolved complaints	ND	ND	ND
During service (%)	ND	ND	ND
Up to 30 days (%)	ND	ND	ND
Between 30 and 60 days (%)	ND	ND	ND
More than 60 days (%)	ND	ND	ND
Complaints upheld in relation to the total number of complaints received (%)	ND	ND	ND
Complaints resolved in relation to the number of valid complaints (%)	ND	ND	ND

Internal social indicators

General Instructions	2022	2021	2020
Total Employees ¹	970	1,272.	ND
outsourced workers (outsourced, subcontracted, self-employed) by employment status, employment contracts and region)	5,059	1,162.	ND
Up to 30 years of age	4%	1%	ND
Employees between 31 and 40 years old (%)	26%	21%	ND
Employees between 41 and 50 years old (%)	52%	55%	ND
Employees over 50 years old (%)	18%	24%	ND
# women compared to total employees (%) ²	23%	21%	ND
Women in managerial positions - compared to the total managerial positions (%) ³	17%	0%	ND
Black female employees (black and brown) - compared to the total employees (%)	2%	0%	ND
Black employees (black and brown) - compared to the total employees (%)	9%	6%	ND
Black employees (black and brown) in managerial positions compared to total managerial positions (%) ⁴	8%	5%	ND
Trainees concerning total employees (%)	5%	2%	ND
Employees of the Apprentice Hiring Program (%)	8%	6%	ND
People with disabilities	3%	4%	ND

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Compensation, Benefits and Career**Compensation**

	2022	2021	2020
Gross Payroll	103,377.0	304,128.7	-
Compulsory social charges	48,942.0	139,792.4	-

Benefits

Education	0.0	-	-
Food	17,127.0	7,161.5	-
Transportation	225.0	430.9	-
Health	6,422.0	1,627.8	-
Foundation	6,455.0	13,356.6	-
Occupational Safety and Health	489.0	-	-
Culture	0.0	-	-
Training and Professional Development	360.0	-	-
Childcare or Childcare Aid	1,855.0	-	-
Others (Specify): Group Insurance	46.0	-	-

Profit Sharing

Total investment in the company's profit-sharing program (R\$ thousand)	4,158.0	ND	ND
Amounts distributed compared to gross payroll (%)	4.0%	ND	ND
Division of the highest compensation by the lowest compensation paid by the grantee	33.8	18.8	ND
Division of the company's lowest compensation by the current minimum wage	1.2	1.5	ND

Compensation Profile

By Categories (average salary in the current year) – R\$

Board Positions	-	55,000.0	ND
Managerial Positions	11,902.0	18,386.7	ND
Administrative Positions	6,489.0	6,117.5	ND
Production Positions	5,202.0	6,033.9	ND

Health and Work Safety

Average Overtime per Employee / Year	334.90	-	ND
Total TF Rate (attendance rate) of the Company in the period for employees	4.40	4.80	6.00
Total TG Rate (severity rate) of the Company in the period for employees	20.50	210.90	1,556.70
Total TF Rate (frequency rate) of the Company in the period for outsourced/contracted parties	9.70	1.50	1.60
Total TG Rate (severity rate) of the Company in the period for outsourced/contracted parties	84.50	2,987.20	1,173.20

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Health and Work Safety

	2022	2021	2020
Total TF Rate (attendance rate) of the Company in the period, for the workforce (own + third parties)	8.60	3.00	4.20
Total TG Rate (severity rate) of the Company in the period, for the workforce (own + third parties)	71.50	1,693.60	1,645.30
Deaths - Own	0.00	0.00	1.00
Deaths - Outsourced	0.00	2.00	0.00

Professional Development

Schooling Profile - Detail, as a percentage, compared to the total employees			
Elementary School	2.9%	16.0%	ND
High School	38.4%	7.4%	ND
Technical Education	N/A	18.6%	ND
Higher Education	50.4%	48.8%	ND
Graduate Education (specialization, master's, doctorate)	8.4%	9.2%	ND
Balance invested in professional development and education (R\$ thousand)	359.6	-	-
Average hours of training per year, per employee, broken down by employee category	45.0	-	-

Behavior with Layoffs

Turnover Rate	23.2	42.0%	8.2%
Labor Claims	1,420.0	ND	ND
Amount provisioned in the Period (R\$ thousand)	R\$ 16,599,673.6	53,598,724.9	12,532,389.0
Labor lawsuits filed against the company in the period	253.0	641.0	280.0
labor lawsuits judged valid in the period	182.0	ND	ND
labor lawsuits dismissed in the period	70.0	ND	ND
Total indemnities and fines paid by court order in the period	29,553,962.1	31,959,608.8	48,027,898.7

Preparing for Retirement

Investments in Supplementary Pension Plans (R\$ thousand)	106,971.0	ND	ND
Beneficiaries of the supplementary pension program	14.0	ND	ND

Economic and financial indicators

	In thousands of Reais		
	2022	2021	2020
1. REVENUE			
1.1 Sales of Goods, Products and Services	6,851,135.0	7,387,176.0	5,927,972.0
1.2 Other Revenues	3,405.0	36,775.0	9,460.0
1.3 Revenues from Building Own Assets	-	-	-
1.4 Provision for Doubtful Accounts - Reversal / (Recognition	- 53.059,0	- 66.755,0	- 166.615,0
1.5 Provision for Civil, Tax and Labor Proceedings	-	-	-
2. INPUTS PURCHASED FROM THIRD PARTIES (includes Taxes - ICMS, IPI, PIS and Cofins)			
2.1 Costs of Goods, Products and Services Sold	- 3.397.672,0	- 3.961.917,0	- 2.899.594,0
2.2 Materials, Energy, Third-Party Services, and Others	- 321.571,0	- 224.497,0	- 321.208,0
2.3 Loss/Recovery of Assets	-	- 5.995,0	- 38.759,0
2.4 Others (specify)	- 42.928,0	- 117.673,0	- 144.918,0
3. GROSS ADDED VALUE (1-2)			
Gross Added Value (1-2)	3,039,310.	3,047,114.	2,366,338.
4. DEPRECIATION, AMORTIZATION AND DEPLETION			
Depreciation, Amortization And Depletion	- 164.341,0	- 154.767,0	- 146.290,0
5. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
Net Value Added Produced By The Entity (3-4)	2.874.969	2.892.347	2.220.048
6. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)			
6.1 Equity Pick-Up	-	-	-
6.2 Financial Revenues	693,977.0	696,843.0	409,427.0
6.3 Others	-	-	-
7. TOTAL VALUE ADDED TO DISTRIBUTE (5+6)	2022	2021	2020
Total Value Added To Distribute (5+6)	3,568,946.0	3,589,190.0	2,629,475.0
8. DISTRIBUTION OF VALUE-ADDED			
8.1 Personnel	246,550.0	336,320.0	419,083.0
8.1.1 Direct Compensation	64,232.0	36,230.0	234,516.0
8.1.2 Benefits	153,382.0	220,941.0	163,492.0
8.1.2 Benefits	28,936.0	79,149.0	20,071.0
8.1.4 Others	-	-	1,004.0

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8. DISTRIBUTION OF VALUE-ADDED			
8.2 Taxes, Fees, and Contributions	2,388,268.0	2,503,170.0	2,384,629.0
8.2.1 Federal	1,307,437.0	961,703.0	1,043,436.0
8.2.2 State	1,080,831.0	1,541,467.0	1,341,193.0
8.2.3 Municipal	-	-	-
8.3 Third-Party Capital Compensation	1,200,300.0	1,143,934.0	1,448,661.0
8.3.1 Interest	419,296.0	366,922.0	671,682.0
8.3.2 Rents	1,977.0	843.0	1,668.0
8.3.3 Others	779,027.0	776,169.0	775,311.0
8.4.1 Shareholders' Equity Compensation	-	-	-
8.4.2 Dividends	-	-	-
8.4.3 – Retained Earnings/Loss for the Fiscal Year	- 266.172,0	- 394.234,0	- 1.622.898,0
8.4.3 Retained earnings / Loss for the year	- 266.172	- 394.234	- 1.622.898
8.4.4 Non-Controlling Interest in Retained Earnings (only for consolidation)	-	-	-

Electric energy segment indicators

Energy efficiency

Project Typology ¹	2022				
	Investment (R\$ thousand)		Source of Funds (R\$ thousand)		
	Total	%	Own	Assets	Customers
Industrial	-	-	-	-	-
Trade and Service	R\$ 10,763,729.500	100%	-	-	-
Public Power	-	-	-	-	-
Public Service	-	-	-	-	-
Rural	-	-	-	-	-
Homeowner	-	-	-	-	-
Low Income Residential	-	-	-	-	-
Municipal Energy Management	-	-	-	-	-
Street Lighting	-	-	-	-	-
Educational	-	-	-	-	-
Total	R\$ 10,763,729.500	100%	-	-	-

¹Indicator with data available for the first time this year.

By Research Topic (Research and Development Manual - ANEEL)

	2022	
	Balance	%
FA- Alternative Sources of Electric Energy Generation	ND	ND
GT - Thermoelectric Generation	ND	ND
GB - Basin and Reservoir Management	ND	ND
MA - Environment	ND	ND
SE - Security	ND	ND
EE - Energy Efficiency	ND	ND
PL - Planning of Electric Energy Systems	ND	ND
OP - Operation of Electric Energy Systems	ND	ND
SC - Supervision, Control and Protection of Electric Energy Systems	ND	ND
QC - Quality and Reliability of Electric Energy Services	ND	ND
MF - Measurement, Billing and Fighting Commercial Losses	ND	ND
OU - Other.	ND	ND
Total	10,763,729.5	100%

Note: information on CEEE projects is incomplete in the SAP system, and it is not yet possible to identify projects by Theme.

Electric energy segment indicators

Energy Efficiency

Project Typology ¹	2022		
	Unit served	Energy Saved (WWh/year)	Peak Demand Reduction (kW)
Industrial	NA	NA	NA
Trade and Service	NA	NA	NA
Public Power	2	177,8	37
Public Service	NA	NA	NA
Rural	NA	NA	NA
Residential	10	113.294,4	NA
Low Income Residential	5,036	713,1	153,4
Public Lighting	2	956,1	230,5
Total	5,050	115.141,6	420,9

¹Indicator with data available for the first time this year.

Universalization ¹	2022		
	2022	2021	2020
Universalization	ND	ND	ND
Services (#)	ND	ND	ND
Targets Achievement (%)	ND	ND	ND
Total Municipalities Universalized	ND	ND	ND
Universalized Municipalities (%)	ND	ND	ND

¹Indicator with data available for the first time this year.

Environmental Dimension

Environmental Indicators

Recovery of degraded areas	2022	2021	2020
Isolated protected network (ecological network or green line) in the urban area (in km).	4,416.8	-	-
Percentage of isolated protected network / total distribution network in the urban area - %	25%	-	-
Waste generation and treatment			
Emission	-	-	-
Annual volume of greenhouse gases (CO2 , CH4 , N2 O, HFC, PFC, SF6) emitted into the atmosphere (in tonnes of CO2 equivalent).	-	-	-
Annual volume of emissions of ozone-depleting gases (in tonnes of CFC equivalent).	-	-	-
Wastewater	-	-	-
Total water discharge, by quality and destination	ND	ND	ND
Solids	-	-	-
Annual amount (in tons) of solid waste generated (garbage, waste, rubble, etc.).	2,610.9	-	-
Amount of waste contaminated by PCBs (Ascarel) destined	ND	-	-
Use of Resources in the Organization's Production Process and Management Processes			
Total Energy Consumption by Source:	8,585,756.7	-	-
_hydroelectric (in MWh)	5,697,754.3	-	-
_fossil fuels	2,552,358.3	-	-
_alternative sources (gas, wind energy, solar energy, etc.)	335,644.1	-	-
_alternative sources (gas, wind energy, solar energy, etc.)	0	-	-
Direct Energy Consumption by Primary Energy Source, in GJ	33,576.5	-	-
- diesel	29,883.4	-	-
Gasoline	3,665.	-	-
- ethanol	28.1	-	-
- natural gas	-	-	-
- Others (detail)	-	-	-
Total water consumption by source (in m3):	15,335.	-	-
- supply (public network)	15,335.	-	-
underground source (well)	-	-	-
surface abstraction (water courses)	-	-	-
Total Water Consumption (in m3)	-	-	-
Water Consumption per Employee (in m3)	15.8	-	-

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Environmental Education and Awareness

	2022	2021	2020
Environmental Education - Community - In the Organization	-	-	-
Employees trained in environmental education programs	-	-	-
Percentage of employees trained in environmental education programs / total employees.	-	-	-
Hours of environmental training/total hours of training	-	-	-
Environmental education - Community	-	-	-
primary and secondary education units served	-	-	-
students served	-	-	-
teachers trained	-	-	-
technical and higher education units served	-	-	-
students served	-	-	-
Environmental Performance			
Environmental Performance	ND	-	-
Pruning Volume of waste generated in kg per month.	ND	-	-
Oil leakage (Leak points per month).	ND	-	-

Amapá

Operational and productivity indicators

Technical Data (inputs, production capacity, sales, losses)

Operating	2022	2021	2020
Consumers Served - Captives	198,980.0	198,742.0	208,603.0
Consumers Served - Free	14.0	9.0	4.0
Locations Served (Municipalities)	16.0	16.0	16.0
Own Employees	244.0	339.0	ND
Outsourced Employees	1,670.0	ND	ND
Commercial Office	17.0	4.0	ND
Energy Supplied (MWh) / Employee	4,586.3	ND	ND
Generated energy (Gwh)	ND	648.9	576.9
Purchased Energy (GWh)			
Purchased Energy (GWh)	2,173.	2,205.	1,996.
1) Itaipu	0	ND	ND
2) Auction (including auction of federal generators (Year 2002))	2,173.	ND	ND
3) Dealer Supply	-	ND	ND
Global Electrical Losses (Gwh)	953.6	948	992
Electrical Losses - Total (%) on the Energy Requirement	46.0%	45.7%	49.5%
Technical losses - (%) on the Energy Requirement	11.5%	11.5%	11.5%
Non-Technical Losses (%) - on the Energy Requirement	34.5%	34.2%	38.0%
Energy Sold (Gwh)			
Energy Sold (Gwh)	1,119.0	1,210,287.7	1,106,493.8
Homeowner	537.0	644,150.3	562,916.4
Commercial	267.0	118,312.9	115,529.4
Industrial	103.0	282,062.0	256,584.6
Rural	4.0	4,742.6	4,765.9
Public Power	104.0	99,398.9	103,707.5
Street Lighting	82.0	36,141.9	37,951.2
Public Service	21.0	22,088.1	21,563.5

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Operating

	2022	2021	2020
Substations (un)	18.0	143.0	140.0
Installed Capacity (mt/a)	416.4	ND	ND
Transmission Lines (km)	631.1	630.0	ND
Distribution Networks (km)	9,382.0	70.0	ND
Distribution Transformers (un)	11,127.0	10,336.0	ND
Installed Capacity -MT (MVA)	-	ND	ND
Energy Sold per Employee (MWh)	4.6	3,570.2	ND
Consumers per Employee	815.5	586.3	ND
Added Value ¹ /GWh Sold	-	0.0	ND
Average Residential Consumption by Consumer (kWh/Year)	-	270.9	ND
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Value Calculated	44.0	36.5	44.0
Equivalent Interruption Duration by General Consumer Unit "DEC" of the Company - Limit	45.0	45.6	45.6
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Value Calculated	19.7	19.1	17.0
Equivalent Interruption Frequency by General Consumer Unit "FEC" of the Company - Limit	30.2	30.4	30.4

External social indicators**Clients | consumers****Excellence in service****Consumer and Customer Profile**

	2022	2021	2020
Energy Sales by Tariff Class (GWh): % Total			
Homeowner	38.8%	53.5%	51.1%
Low Income Residential	9.2%	9.7%	10.5%
Commercial	23.9%	23.2%	23.3%
Industrial	9.2%	0.4%	0.4%
Rural	0.4%	8.2%	9.1%
Public Power	7.3%	2.9%	3.6%
Street Lighting	1.9%	1.8%	2.2%
Public Service	9.3%	0.3%	0.3%

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Customer Satisfaction

	2022	2021	2020
Satisfaction Rates from IASC – ANEEL Survey	ND	ND	35.5
Satisfaction rates from surveys from other entities (ABRADEE, Vox Populi and others) and/or own surveys (specify	43.3	28.3	ND

Customer Service**Call Center**

Incoming Calls (units)	428,455.0	277,193.0	288,542.0
Average # Attendants (units)	349.0	ND	ND
INS Service Level Rate (%)	94.7	94.4	94.4
IAb - Abandonment Rate (%)	0.5%	1.2	2.2
ICO - Busy Calls Rate (%)	0.0	0.0	0.0
TMA - Average Service Time(s)	148.0	ND	ND

Compensation for Electrical Damage

Volume of Requests (units)	245.0	ND	ND
Originating (unit.)	ND	ND	ND

Complaints Indicators

Well-Founded Complaints (units)	4,052.0	849.0	1,883.0
DER (hours)	306.9	ND	ND
FER (units)	19.3	0.0	9.0

Violation of Commercial Service Deadlines

Services performed (unit)	70,931.0	ND	462,112.0
Calls made after the deadline (unit.)	5,026.0	ND	31,301.0
Service Efficiency (%)	92.9%	ND	93.2%

Consumer Complaints Forwarded

To the Company (Ombudsman)	56,825.0	-	ND
To ANEEL – State/Regional Agencies	28.0	-	ND
To PROCON	557.0	58.0	1.0
To the Justice System	6,204.0	2,258.0	1,128.0

Complaints – Main reasons

Complaints regarding deadlines in the execution of services	982.0	-	-
Complaints regarding inadequate power supply	201.0	-	-
Complaints regarding interruptions	45,208.0	-	-

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Complaints – Main reasons

	2022	2021	2020
Complaints regarding the emergency	0.0	-	-
Complaints regarding consumption/reading	6,165.0	-	-
Complaints regarding undue cutting	3.0	-	-
Claims for undeliverable account	547.0	-	-
Complaints regarding poorly performed service	285.0	-	-
Claims regarding electrical damage	264.0	-	-
Complaints regarding measurement irregularities (fraud/energy deviation)	2,567.0	-	-
Other (specify) (%)	ND	-	-
Resolved complaints	ND	-	-
During service (%)	ND	-	-
Up to 30 days (%)	ND	-	-
Between 30 and 60 days (%)	ND	-	-
More than 60 days (%)	ND	-	-
Complaints upheld in relation to the total number of complaints received (%)	ND	-	-
Complaints resolved in relation to the number of valid complaints (%)	ND	-	-

Internal social indicators**Employees | Employability | Administrators****General Information**

	2022	2021	2020
Total Employees ¹	244.0	339.0	ND
outsourced workers (outsourced, subcontracted, self-employed) by employment status, employment contracts and region)	1,670.0	ND	ND
Up to 30 years of age	28.7%	4.7%	ND
Employees between 31 and 40 years old (%)	46.7%	28.9%	ND
Employees between 41 and 50 years old (%)	18.9%	28.6%	ND
Employees over 50 years old (%)	5.7%	37.8%	ND
# women compared to total employees (%) ²	27.5%	27.1%	ND
Women in managerial positions - compared to the total managerial positions (%) ³	18.4%	4.5%	ND
Black female employees (black and brown) - compared to the total employees (%)	13.9%	12.7%	ND
Black employees (black and brown) - compared to the total employees (%)	46.7%	26.8%	ND
Black employees (black and brown) in managerial positions compared to total managerial positions (%) ⁴	44.7%	40.9%	ND

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Employees | Employability | Administrators

Trainees concerning total employees (%)	2.5%	4.4%	ND
Employees of the Apprentice Hiring Program (%)	4.5%	7.7%	ND
People with disabilities	2.5%	2.1%	ND
Compensation, Benefits and Career			
Compensation			
Gross Payroll	32,180.0	33,476.3	ND
Compulsory social charges	11,445.0	14,983.0	ND
Benefits			
Education	0.0	ND	ND
Food	2,639.0	3,015.0	ND
Transportation	205.0	50.5	ND
Health	1,394.0	4,748.7	ND
Foundation	112.0	0.0	ND
Occupational Safety and Health	164.0	ND	ND
Culture	0.0	ND	ND
Training and Professional Development	1,516.0	ND	ND
Childcare or Childcare Aid	292.0	274.6	ND
Others (Specify): Group Insurance	64.0	153.4	ND
Profit Sharing			
Total investment in the company's profit-sharing program (R\$ thousand)	3,688.0	0.0	ND
Amounts distributed compared to gross payroll (%)	11.5%	0.0%	ND
Division of the highest compensation by the lowest compensation paid by the grantee	50.6	33.6	ND
Division of the company's lowest compensation by the current minimum wage	1.1	1.2	ND
Compensation Profile			
Board Positions	-	45,000.0	ND
Managerial Positions	13,285.0	13,714.3	ND
Administrative Positions	5,156.0	5,774.7	ND
Production Positions	4,513.0	6,385.2	ND
Production jobs	4.513	6.385,2	NA

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Health and Work Safety

	2022	2021	2020
Average Overtime per Employee / Year	48.7	-	ND
Total TF Rate (attendance rate) of the Company in the period for employees	5	0.7	1.6
Total TG Rate (severity rate) of the Company in the period for employees	186.9	4.4	10.9
Total TF Rate (frequency rate) of the Company in the period for outsourced/contracted parties	6.1	13.5	1.5
Total TG Rate (severity rate) of the Company in the period for outsourced/contracted parties	11.7	16,150.8	12
Total TF Rate (attendance rate) of the Company in the period, for the workforce (own + third parties)	5.8	4.6	1.5
Total TG Rate (severity rate) of the Company in the period, for the workforce (own + third parties)	53	4,887.1	11.3
Deaths - Own	0	0	0
Deaths - Outsourced	0	1	0

Professional Development

Schooling Profile - Detail, as a percentage, compared to the total employees			
Elementary School	1.5%	5.9%	ND
High School	35.8%	44.9%	ND
Technical Education	N/A	0.6%	ND
Higher Education	52.6%	44.2%	ND
Graduate Education (specialization, master's, doctorate)	10.1%	6.2%	ND
Balance invested in professional development and education (R\$ thousand)	810.8	ND	ND
Average hours of training per year, per employee, broken down by employee category	21.6	ND	ND

Behavior with Layoffs

Turnover Rate	87.2	36.6%	8.2%
Labor Claims	146.0	70.0	63.0
Amount provisioned in the Period (R\$ thousand)	5,862.9	ND	ND
Labor lawsuits filed against the company in the period	130.0	ND	ND
labor lawsuits judged valid in the period	88.0	6.0	21.0
labor lawsuits dismissed in the period	10.0	1.0	9.0
Total indemnities and fines paid by court order in the period	2,388.2	ND	ND

Preparing for Retirement

Investments in Supplementary Pension Plans (R\$ thousand)	-	-	-
Beneficiaries of the supplementary pension program	-	-	-

Economic and financial indicators

	In thousands of Reais		
	2022	2021	2020
1. REVENUE			
1.1 Sales of Goods, Products and Services	1,499,871.0	-	-
1.2 Other Revenues	540.0	-	-
1.3 Revenues from Building Own Assets	-	-	-
1.4 Provision for Doubtful Accounts - Reversal / (Recognition)	45,447.0	-	-
1.5 Provision for Civil, Tax and Labor Proceedings	-	-	--
2. INPUTS PURCHASED FROM THIRD PARTIES (includes Taxes - ICMS, IPI, PIS and Cofins)	2022	2021	2020
2.1 Costs of Goods, Products and Services Sold	- 854,177,0	-	-
2.2 Materials, Energy, Third-Party Services, and Others	- 44,401,0	-	-
2.3 Loss/Recovery of Assets	-	-	-
2.4 Others (specify)	- 45,863,0	-	-
3. GROSS ADDED VALUE (1-2)	2022	2021	2020
Gross Added Value (1-2)	601,417.0	-	-
4. DEPRECIATION, AMORTIZATION AND DEPLETION	2022	2021	2020
Depreciation, Amortization And Depletion	- 23,707,0	-	-
5. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)	2022	2021	2020
NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)	577,710.0	-	-
6. NET VALUE ADDED PRODUCED BY THE ENTITY (3-4)	2022	2021	2020
6.1 Equity Pick-Up	-	-	-
6.2 Financial Revenues	687,678.0	-	-
6.3 Outras	-	-	-
7. TOTAL VALUE ADDED TO DISTRIBUTE (5+6)	2022	2021	2020
Total Value Added To Distribute (5+6)	1,265,388.	-	-
8. DISTRIBUTION OF VALUE-ADDED	2022	2021	2020
8.1 Personnel	26,398.0	-	-
8.1.1 Direct Compensation	5,315.0	-	-
8.1.2 Benefits	1,061.0	-	-
8.1.3 F.G.T.S.	20,022.0	-	-
8.1.4 Others	-	-	-
8.2 Taxes, Fees, and Contributions	453,931.0	-	-

continues...

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8. DISTRIBUTION OF VALUE-ADDED

	2022	2021	2020
8.2.1 Federal	329,419.0	-	-
8.2.2 State	124,472.0	-	-
8.2.3 Municipal	40.0	-	-
8.3 Third-Party Capital Compensation	395,990.0	-	-
8.3.1 Interest	219,931.0	-	-
8.3.2 Rents	98.0	-	-
8.3.3 Others	175,961.0	-	-
8.4 Shareholders' Equity Compensation	389,069.0	-	-
8.4.1 Shareholders' Equity Compensation	-	-	-
8.4.2 Dividends	-	-	-
8.4.3 Retained Earnings/Loss for the Fiscal Year	389,069.0	-	-
8.4.4 Non-Controlling Interest in Retained Earnings (only for consolidation)	-	-	-

Energy Efficiency Program**Electric energy segment indicators****Energy efficiency**

Project Typology ¹	2022				
	Investment (R\$ thousand)		Source of Funds (R\$ thousand)		
	Total	%	Own	Assets	Customers
Industrial	-	-	-	-	-
Trade and Service	R\$ 396,250.0	100%	R\$ 190.0	R\$ 396,060.0	Distributor and Distributor's Customers
Public Power	-	-	-	-	-
Public Service	-	-	-	-	-
Rural	-	-	-	-	-
Homeowner	-	-	-	-	-
Low Income Residential	-	-	-	-	-
Municipal Energy Management	-	-	-	-	-
Street Lighting	-	-	-	-	-
Educational	-	-	-	-	-
Total	R\$ 396,250.0	100%	R\$ 190.0	R\$ 396,060.0	-

¹Indicator with data available for the first time this year.

By Research Topic (Research and Development Manual - ANEEL)	2022	
	Balance	%
FA- Alternative Sources of Electric Energy Generation	-	-
GT - Thermoelectric Generation	-	-
GB - Basin and Reservoir Management	-	-
MA - Environment	-	-
SE - Security	-	-
EE - Energy Efficiency	-	-
PL - Planning of Electric Energy Systems	-	-
OP - Operation of Electric Energy Systems	-	-
SC - Supervision, Control and Protection of Electric Energy Systems	-	-
QC - Quality and Reliability of Electric Energy Services	-	-
MF - Measurement, Billing and Fighting Commercial Losses	R\$ 396,250.00	100.0%
OU - Other.	-	-
Total	R\$ 396,250.00	100.0%

¹Indicator with data available for the first time this year.

Electricity Sector Indicators

Energy efficiency¹

	Serviced Unit	Energy Saved (WWh/year)	Demand Decrease at the Edge (kW)
Industrial			
Trade and Service	ND	ND	ND
Public Power	15,660.0	271.7	64.8
Public Service	ND	ND	ND
Rural	ND	ND	ND
Homeowner	ND	ND	ND
Low Income Residential	8,016.	401.5	100
Street Lightes	ND	ND	ND
Total	23,676.0	673.2	164.8

¹Indicator with data available for the first time this year.

Electric energy segment indicators

Universalization ¹	2022	2021	2020
Universalization	ND	ND	ND
Services (#)	514	-	-
Targets Achievement (%)	ND	ND	ND
Total Municipalities Universalized	16	-	-
Universalized Municipalities (%)	100%	-	-

¹Indicator with data available for the first time this year.

Environmental Dimension**Environmental Indicators**

Recovery of degraded areas	2022	2021	2020
Isolated protected network (ecological network or green line) in the urban area (in km).	ND	-	-
Percentage of isolated protected network / total distribution network in the urban area - %	ND	-	-
Waste generation and treatment	2022	2021	2020
Emission	-	-	-
Annual volume of greenhouse gases (CO2 , CH4 , N2 O, HFC, PFC, SF6) emitted into the atmosphere (in tonnes of CO2 equivalent).	-	-	-
Annual volume of emissions of ozone-depleting gases (in tonnes of CFC equivalent).	-	-	-
Wastewater	-	-	-
Total water discharge, by quality and destination	ND	ND	ND
Solids	-	-	-
Annual amount (in tons) of solid waste generated (garbage, waste, rubble, etc.).	71.6	-	-
Amount of waste contaminated by PCBs (Ascarel) destined	ND	-	-
Use of Resources in the Organization's Production Process and Management Processes	2022	2021	2020
Total Energy Consumption by Source:	2,173,003.1	2,205,174.	-
_hydroelectric (in MWh)	714,384.4	713,787.	-
_fossil fuels	497,144.7	504,505.	-
_alternative sources (gas, wind energy, solar energy, etc.)	961,474.	986,882.	-
Direct Energy Consumption by Primary Energy Source, in GJ	3,774.6	-	-

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Environmental Indicators

	2022	2021	2020
- diesel	2,552.2	-	-
Gasoline	1,222.4	-	-
- ethanol	-	-	-
- natural gas	-	-	-
- Others (detail)	-	-	-
Total water consumption by source (in m3):	7,289.	-	-
- supply (public network)	7,289.	-	-
underground source (well)	-	-	-
surface abstraction (water courses)	-	-	-
Total Water Consumption (in m3)	7,289.	-	-
Water Consumption per Employee (in m3)	29.9	-	-

Environmental Education and Awareness

	2022	2021	2020
Environmental Education - Community - In the Organization	ND	-	-
Employees trained in environmental education programs	ND	-	-
Percentage of employees trained in environmental education programs / total employees.	ND	-	-
Hours of environmental training/total hours of training	ND	-	-
Environmental education - Community		-	-
primary and secondary education units served	ND	-	-
students served	ND	-	-
teachers trained	ND	-	-
technical and higher education units served	ND	-	-
students served	ND	-	-

Environmental Performance

	2022	2021	2020
Environmental Performance	ND	-	-
Pruning Volume of waste generated in kg per month.	ND	-	-
Oil leakage (Leak points per month).	ND	-	-

Assurance Report

GRI 2-5

INDEPENDENT AUDITOR'S LIMITED ASSURANCE REPORT

To the
Management and other interested parties
of Equatorial Energia S.A.
São Paulo - SP

Introduction

We were engaged by **Equatorial Energia S.A.** ("Company" or "Grupo Equatorial Energia") to present our limited assurance report on the information included in the Company's 2022 Sustainability Report for the year ended December 31, 2022.

Management's responsibility

Grupo Equatorial Energia's Management is responsible for the fair preparation and presentation of the information included in the 2022 Sustainability Report for the year ended December 31, 2022, according to the criteria and guidelines determined

by the Global Reporting Initiative (GRI) and for the internal controls considered necessary to allow the preparation of information that is free of material misstatement, whether due to fraud or error.

Independent auditor's responsibilities

Our responsibility is to express an opinion on the non-financial information included in **Grupo Equatorial Energia's** 2022 Sustainability Report for the year ended December 31, 2022, based on the limited assurance engagement performed according to Technical Notice CTO No. 07/2022, approved by the Brazilian Federal Council of Accounting (CFC), and Standard NBC TO 3000 – Assurance Engagements Other than Audit and Review, also issued by CFC, which is equivalent to ISAE 3000 – Assurance Engagements Other than Audits or Reviews of Historical Financial Information, issued by the International Auditing and Assurance Standards Board (IAASB). These standards require that we comply with ethical, independence and other related requirements, including the Brazilian

Quality Control Standard (NBC PA 01), and therefore, that we maintain a comprehensive quality control system, with documentation of policies and procedures adopted for complying with ethical requirements, professional standards and applicable legal and regulatory requirements.

Additionally, they require that the engagement be performed to obtain limited assurance as to whether the non-financial information included in **Grupo Equatorial Energia's** 2022 Sustainability Report for the year ended December 31, 2022, taken as a whole, is free of material misstatement.

A limited assurance engagement performed in accordance with NBC TO 3000 (ISAE 3000) mainly consists of making enquiries of Grupo Equatorial Energia's Management and other professionals of the Company responsible for preparing the information and applying analytical procedures to obtain evidence that allow us to conclude on the limited assurance of the information taken as a whole. A limited assurance engagement also

requires the adoption of additional procedures if the independent auditors become aware of matters that lead them to believe that the information disclosed in the Sustainability Report, taken as a whole, is not free of material misstatement.

The procedures selected were based on our understanding of aspects related to the gathering, materiality, and presentation of the information disclosed in **Grupo Equatorial Energia's 2022 Sustainability Report** and other circumstances of the engagement, as well as on our understanding of areas and processes associated with material information disclosed in that report that may not be free of material misstatement. The procedures included, among others:

- (a) Planning of the engagement, considering the relevance and volume of quantitative and qualitative information, and the operating and internal control systems used as basis for the preparation of the information disclosed in **Grupo Equatorial Energia's 2022 Sustainability Report** for the year ended December 31, 2022;

- (b) Understanding of the calculation methodology and procedures adopted for gathering indicators by means of interviews with the managers responsible for preparing the information;
- (c) Adoption of analytical procedures for assessing the quantitative and qualitative information and its correlation with indicators disclosed in **Grupo Equatorial Energia's 2022 Sustainability Report**;
- (d) Crosscheck of financial indicators against the financial statements and/or accounting records.

The limited assurance engagement also included adherence to GRI Standards and criteria, applicable in preparing the information disclosed in **Grupo Equatorial Energia's 2022 Sustainability Report** for the year ended December 31, 2022.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our limited conclusion.

Scope and limitations

Procedures adopted in preparing the limited assurance report vary in nature and timing and are substantially smaller in scope than those applied in a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than that which would have been obtained if a reasonable assurance engagement had been carried out. Had we performed a reasonable assurance engagement, we could have identified other issues and possible misstatement of information disclosed in **Grupo Equatorial Energia's 2022 Sustainability Report**. Accordingly, we do not express an opinion on this information.

Non-financial data are subject to more inherent limitations than financial data, due to the nature and diversity of methods used to determine, calculate or estimate them. Quantitative interpretations of

the materiality, relevance and accuracy of data are subject to individual assumptions and judgments. Additionally, we did not assess data from prior periods, nor future projections and targets.

Sustainability indicators were prepared and presented according to GRI Standards and criteria, and are thus not intended to ensure compliance with social, economic, environmental or engineering laws and regulations. Nonetheless, these standards provide for the presentation and disclosure of possible non-compliance with such regulations when subject to significant fines or sanctions. Our assurance report must be read and understood in this context, pursuant to the selected GRI Standards and criteria.

Conclusion

Based on procedures adopted and described in this report and on evidence obtained, nothing has come to our attention that would lead us to believe that the non-financial information disclosed in Grupo Equatorial Energia's 2022 Sustainability Report for the year ended December 31, 2022, was not prepared, in all material respects, in accordance with Global Reporting Initiative standards.

São Paulo, 20 de abril de 2023



BDO RCS Auditores Independentes

CRC 2 SP 013846/0-1

A handwritten signature in black ink, appearing to read 'Viviene Alves Bauer', written over a light blue horizontal line.

Viviane Alves Bauer

Contadora CRC 1 SP 253472/0-2

Credits

Coordination

Financial Strategy, Investor Relations and New Businesses Board
Financial Strategy and Investor Relations Superintendence
Management of Corporate ESG

Editorial Project:

Writing, GRI Consulting and Integrated Reporting and translation

blendON

Graphic Design: Layout and Illustrations

blendON

Photos

Equatorial Energia Stock Images

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