



RESULTS

4Q23



COPEL
Pura Energia

4Q23 Highlights

- **Record adjusted EBITDA¹** of R\$ 5.8 billion in 2023 (+5.6% vs 2022) and R\$ 1.5 billion in 4Q23 (+4.6% vs 2022)
- **Net Income¹** of R\$ 943 million in 4Q23 (+51.1% vs 4Q22) and R\$ 2.3 billion in 2023 (+102.5% vs. 2022)
- **Leverage** of 1.9x EBITDA
- **Operating Cash Generation** of R\$ 1.6 billion in 4Q23
- **Supplementary dividend proposal** of R\$ 131.0 million, total of R\$ 1.1 billion – *Payout* of 50%
- **Copel Distribuição's Regulatory efficiency** of 28% adjusted LTM
- **UEGA's Divestment** – signing of CCVA
- **Included in MSCI Brazil's composition** – world reference to institucional investors
- **Procces of undoing the UNITS** program finished
- **LatinFinance Award - Deal of the Year**
- **ISE B3** - Copel remains in the index in 2024
- Copel foward to **A-** score from **CDP**

¹ Considers discontinued operations

Results Webcast

March, 1, 2024 | 10h BRT/ 8:00 a.m. EST

[Access Link](#)

CPLE
B3 LISTED N2

ISE B3
IBOVESPA B3

IDIVERSA B3
ICO2 B3



Message from the CEO

In 2023, A new journey began to Copel's history. Our common shares valued in 43%, while preferred shares grew by 36%, bringing the company to a market value of R\$29.8 billion. Throughout the year, we led the company's transformation into a corporation with dispersed capital and no controlling shareholder ("True Corporation"). Completed in August, it reached the largest follow-on and the second largest offer in the Utilities sector in the West in 2023, moving R\$5.2 billion. Of these, R\$3.2 billion refers to the secondary offer from the State of Paraná and R\$2.0 billion to the primary offer, an amount that will be used to pay the grant bonus for the full renewal of the concessions of the three largest hydroelectric plants of Copel (Foz do Areia, Salto Segredo and Salto Caxias), which together add up to 4.2 GW of installed capacity (approximately 60% of the Company's total capacity).

This achievement goes beyond the renewal of these fundamental concessions. As a corporation, with a private legal nature, Copel gains better conditions to operate in the competitive and challenging environment of the electricity sector, with efficiency gains and the real possibility of leveraging investment conditions. We combine Copel's 69-year history of contributions to the national electricity sector with a more competitive, sustainable and innovative future, contributing to the development of Paraná and Brazil. The success of the transformation process into a corporation was aligned with the company's other operations. We achieved an adjusted EBITDA of R\$5.8 billion and a net income of R\$2.3 billion, an increase of 102% compared to the previous year. In 2023, we made the largest investment in the history of Copel Distribuição with an investment of R\$2 billion for the modernization, expansion and automation of Paraná's electrical infrastructure. Thus, at the end of the year we achieved historic efficiency, with adjusted EBITDA exceeding regulatory EBITDA by 28%.

In a challenging year, faced with a scenario of constant low energy prices, Copel Geração e Transmissão managed to achieve the enviable amount of R\$3.5 billion in adjusted EBITDA in its continuing operations. For the third consecutive year, Copel Mercado Livre was among the largest traders in the country in terms of energy volume. Faced with the challenge of managing uncontracted energy from Copel GeT and facing another stage in the expansion of the free market starting in 2024, we restructured our trader and invested in digitalization and efficiency, integrating and centralizing Copel's energy planning.

Focused on our sustainable agenda, we completed the acquisition of the Aventura and Santa Rosa & Mundo Novo Wind Complexes, with 260.4 MW of installed capacity, and we are about to complete the divestment in the Araucária Gas Power Plant (UEGA) and consolidate a generator matrix practically 100% renewable. And, in line with the strategy of concentrating our operations in the electricity sector, we continued with the process of selling our shareholding in Compagas.

Expanding the frontiers of innovation, we created a Corporate Venture Capital fund with a commitment to invest R\$150 million over 10 years. We have already made our first contributions: at Move, a start-up that works with electric mobility and offers electric charger management solutions.

The constant focus on results and our ability to achieve led Copel to the Morgan Stanley Capital Index (MSCI) seal, an important global reference index for institutional investors. We also ranked for the 18th time in the corporate sustainability ranking (ISE) and in the Efficient Carbon Index (ICO2), both from B3.

Finally, I reinforce that in 2024 we will continue on a journey of operational excellence, in the discipline of capital allocation and execution of our strategic plan. We believe that Copel's integrated operations, with a relevant presence in the Generation, Transmission, Distribution and Trade business, is one of our great competitive differentiators and will allow the Company to continue generating value for all stakeholders.

All of this represents, on the eve of the celebration of the company's 70th anniversary, some of the perennial hallmarks of Copel's operations since its inception: innovation, sustainability, solidity and permanent commitment to the customer.



Daniel Slaviero

Copel's CEO

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1. Consolidated Results

The following analyzes refer to the fourth quarter of 2023 and the year to date, compared to the same period in 2022.

1.1 EBITDA

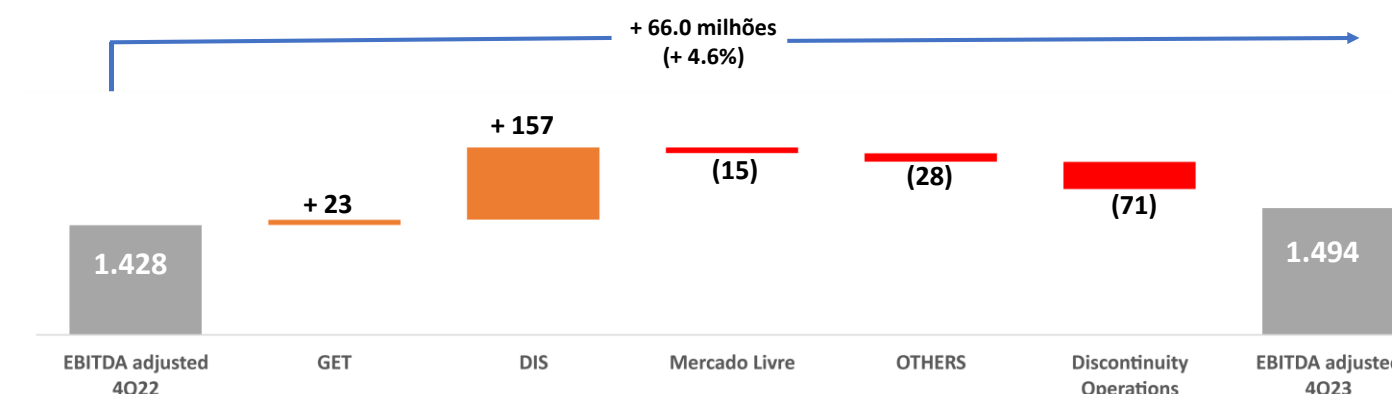
Adjusted EBITDA from continuing operations (excluding Compagas and UEGA, which are in the process of being sold) and excluding non-recurring items, grew 10.1% in 4Q23 (R\$1,482.9 compared to R\$1,347.0 million in 4Q22) reflecting, above all, the better result of Copel Distribuição (+35.6%). When including the result of discontinued operations, adjusted EBITDA reached R\$1,493.6 million, an amount 4.6% higher than the R\$1,427.6 million recorded in 4Q22 and, also, when excluding the effects of the equity in earnings of subsidiaries (that is, adjusted EBITDA with all operations and without equity in earnings of subsidiaries) there was an increase of 11.8% (R\$1,430.5 million in 4Q23 compared to R\$1,279.2 million in 4Q22).

Therefore, the main factors that explain the growth in results in the quarter are, mainly, (i) the 8.0% growth in the billed grid market, (ii) the tariff adjustment in June 2023, with an average effect of 6.32% in Tariffs for the Use of the Distribution System (TUSD), and (iii) the increase of 5.4% (+R\$8.1 million) in other operating revenues, mainly because of leases and rentals of equipment and structures and sharing of posts. Also contributing to the result were: (i) Copel GeT's better performance in the purchase and sale of electricity (+R\$50.9 million 4Q23 compared to 4Q22), due to the scenario of greater hydrology in 4Q23 (average GSF of 83.8%, compared to 77.6% in 4Q22) and the increase in results from the Aventura and Santa Rosa & Mundo Novo – SRMN Wind Complexes, acquired on

January 30, 2023 (+ R\$29.1 million in adjusted EBITDA); and (ii) the reversal of provisions in 4Q23 mainly due to the reversal of R\$83.0 million in regulatory litigation within the scope of Copel GeT, effect of Aneel Order No. 4,758 of December 5, 2023 which deals with the calculation methodology of the Surplus and Deficit Compensation Mechanism (MCSD)¹.

These events were partially offset, above all, by (i) lower remuneration on transmission agreement assets, mainly due to the periodic tariff review applied to the agreements and lower inflation in the comparison between periods (IPCA of 1.08% in 4Q23 compared to 1.63% in 4Q22), with a reduction of R\$15.9 million in Copel GeT's revenue from use of the main transmission grid and R\$85.3 million in equity in earnings of subsidiaries; and (ii) the reduction of R\$30.2 million in revenue from wind farms² due to generation diversion in the comparison between periods, essentially due to the operational restriction imposed by the ONS (Constrained-off).

Adjusted Consolidated EBITDA



Obs. Considers discontinued operations.

The non-recurring items that were neutralized to calculate adjusted EBITDA are shown in the following table:

¹ Due to the renegotiation of the hydrological risk in the ACR in 2016, which extended the validity period for plants with existing energy in the period from 05/24/2023 to 09/17/2023, Copel GeT, understanding that the amounts originally contracted in the auctions must be fully rehired, without

subsequent reductions caused by the Surplus and Deficit Return Mechanism – MSCD 4% and monthly, filed a precautionary measure with Aneel, accepted by the agency, to suspend the effects of the MCSD in this process.

² More details in Item 3. Generation and Transmission.

| | R\$ million | | | | | |
|--|----------------|----------------|-------------|----------------|----------------|-------------|
| Adjusted EBITDA | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| EBITDA FROM CONTINUING OPERATIONS | 1,540.5 | 966.0 | 59.5 | 5,076.8 | 4,181.9 | 21.4 |
| (-/+) Fair value in the purchase and sale of energy | (11.4) | (36.9) | (69.1) | (5.0) | (32.7) | (84.7) |
| (-/+) Impairment | (123.7) | (35) | 255.8 | (177.7) | 7.4 | - |
| (-/+) Tariff flag account on MMGD | - | - | - | - | (43.4) | - |
| (-/+) Reflection of the PIS/Cofins forecast | - | - | - | - | (58.1) | - |
| (-/+) Indemnity of additional third of vacation bonus | - | - | - | 138.2 | - | - |
| (-/+) Provision for allocation of PIS/Cofins credits | - | - | - | - | 810.6 | - |
| (-/+) Provision/Reversal for indemnification for PDV | - | - | - | 610.1 | (7.9) | - |
| (-/+) Hydrological Risk Renegotiation (GSF) - HPP Mauá | 26.4 | - | - | - | - | - |
| (-/+) Provisions for Legal Claims | 51.1 | 452.7 | (88.7) | 51.1 | 452.7 | (88.7) |
| (-/+) Adherence to the Tax Installment Program - REFIS/PR | - | - | - | - | 33.3 | - |
| Adjusted EBITDA FROM CONTINUING OPERATIONS | 1,482.9 | 1,347.0 | 10.1 | 5,693.5 | 5,343.8 | 6.5 |
| (-/+) Ebitda from discontinued Op. Compagas and UEGA | 10.6 | 80.6 | (86.8) | 137.0 | 179.8 | (23.8) |
| Adjusted EBITDA INCLUDED DISCONTINUED OPERATIONS | 1,493.5 | 1,427.6 | 4.6 | 5,830.5 | 5,523.6 | 5.6 |
| (-/+) Equity in earnings of subsidiaries | (63.1) | (148.5) | (57.5) | (307.8) | (478.6) | (35.7) |
| Adjusted EBITDA INCLUDED DISCONTINUED OP without earnings of subsidiaries | 1,430.4 | 1,279.1 | 11.8 | 5,522.7 | 5,045.0 | 9.5 |

In 4Q23, the following non-recurring items were recorded: (i) the partial reversal of impairment of generation assets in the amount of R\$123.7 million, mainly explained by the reversal of R\$105.1 million relating to HPP Colíder and R\$24.1 million referring to HPP Baixo Iguaçu, due to the reevaluation of calculation assumptions considering a reduction in operating costs and the discount rate (WACC) from 5.71% p.a. to 5.43% p.a. (more details in explanatory note 16.4.1 of the Financial Statements); (ii) the provision for additional litigation in the amount of R\$51.1 million, in accordance with the agreement signed to close the arbitration process (more information in Explanatory Note 40.1 of our Financial Statements); (iii) reversal of R\$26.4 million due to the review of accounting recognition carried out in 3Q23 which dealt with recording the extension of the concession period for HPP Mauá in intangible assets³; and (iv) R\$11.4 million referring to the fair value of energy purchase and sale contracts (mark to market) from Copel Mercado Livre, an amount determined by the difference between the contracted price and the future market price estimated by the Company.

In 2023, adjusted EBITDA from continuing operations (disregarding Compagas and UEGA, which are in the process of being sold) and excluding non-recurring items, reached R\$5,693.4 million, growth of 6.5% in relation to R \$5,343.6 million recorded in 2022. This result is mainly explained by (i) the better performance of Copel Distribuição with the increase of R\$499.2 million in "Parcel B", essentially due

to the increase in the market and tariff adjustments applied in June 2022 (+16.55%) and June 2023 (+6.32%) in tariffs for the use of the distribution system (TUSD); (ii) the increase in the result of wind power generation assets, mainly due to the entry into commercial operation of the Jandaíra Wind Complex (+R\$42.7 million in adjusted EBITDA) and the acquisition of the Aventura and SRMN Wind Complexes (+R\$109.0 million in adjusted EBITDA); and (iii) the higher result of Copel Mercado Livre (adjusted EBITDA of R\$112.6 million in 2023 compared to R\$90.3 million in 2022), mainly due to the improvement in energy trading margins. These events were partially offset, especially by the decrease in Elejor's results, due to the lower margin in electricity sales, and by the drop in remuneration on transmission assets of subsidiaries (Costa Oeste, Marumbi and Uirapuru) and jointly controlled ventures, mainly due to the periodic tariff review applied to the agreements and lower inflation when comparing periods (IPCA of 4.62% in 2023 compared to 5.79% in 2022).

Within the scope of transmission assets, item 3.1.1 presents the regulatory accounting of results for the purpose of verifying the IFRS (International Financial Reporting Standards) effect.

1.2 Operating Revenue

Net operating revenue from continuing operations totaled R\$5,567.7 million in 4Q23, growth of 5.8% compared to the R\$5,264.8 million recorded in 4Q22. This result is mainly a reflection of:

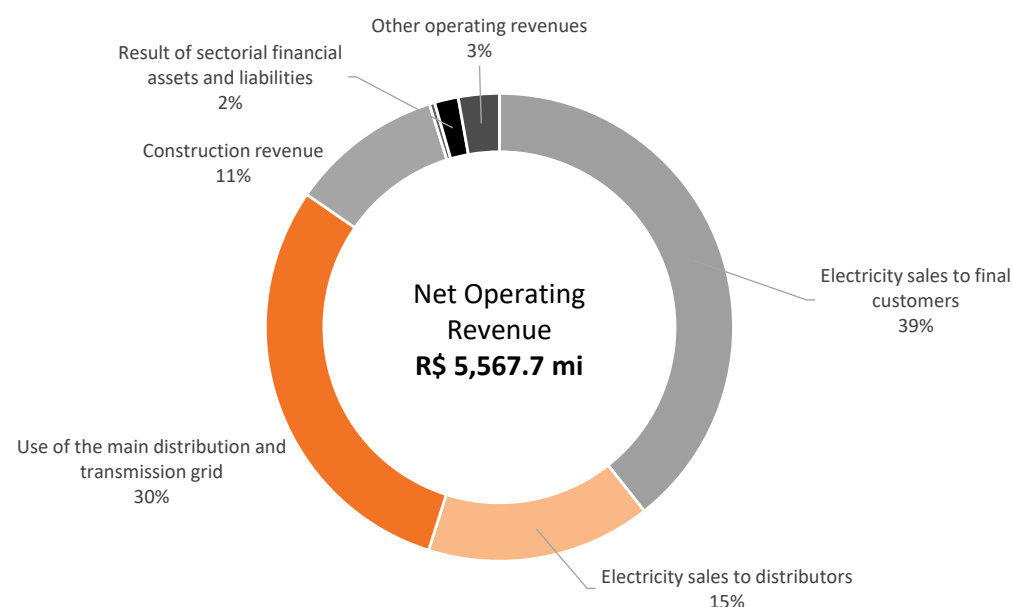
- (i) the increase of R\$429.4 million in revenue from electricity sales to final customers, essentially due to the 9.0% growth in the billed captive market and the tariff adjustment applied to the Energy Tariff (TE) component from the distributor in June 2023, with an average effect of 17.4%; and
- (ii) the increase of R\$357.8 million in revenue from use of the main distribution and transmission grid, mainly due to the 8.0% growth in Copel Distribuição's billed grid market, which considers offset energy from Mini and Micro Distributed Generation – MMGD and the June 2023 tariff adjustment of Copel Distribuição, with an average effect of an increase of 6.32% in tariffs for the use of the distribution system (TUSD).

³ Reversal made due to the fact that the exclusion of liability only shifts the plant's concession period in time, with the extension of the concession period being related to the construction period, i.e., not generating additional revenues correlated to the asset.

These increases were partially offset by (i) the reduction of R\$376.4 million in the result of sectorial financial assets and liabilities (CVA), due to the drop in energy costs; and (ii) the decrease of R\$117.4 million in revenue from electricity sales to distributors, essentially a consequence of the 17.8% reduction in the amounts of electricity sold by Copel Mercado Livre through bilateral contracts.

The other variations in operating income were:

- (i) the increase of R\$15.3 million in construction revenue, essentially due to the increase in the volume of works related to Copel Distribuição's "Transformation" program, which encompasses investments aimed at improving and modernizing infrastructure and improvements in customer service; and
- (ii) the increase of R\$8.1 million in the "other operating revenue" line, basically due to higher income from leasing and rentals by the distributor, with emphasis on the greater volume of sharing of poles/fixing points.



In 2023, net operating revenue totaled R\$21,479.5 million, an increase of 4.6% compared to the R\$20,535.3 million recorded in 2022, with emphasis on the following variations: (i) increase of R\$1,173.4 million (+24.3%) in revenue from "Use of the main distribution and transmission grid"; (ii) increase of R\$436.1 million (+5.8%) with "electricity sales to final customers"; (iii) increase of R\$169.7 million (+7.8%) in construction revenue; (iv) growth of R\$99.3 million (+21.5%) in the "other operating

revenues" item; (v) reduction of R\$705.7 million (-42.1%) in the result of sectorial financial assets and liabilities; and (v) a drop of R\$211.6 million (-5.5%) in revenue from "electricity sales to distributors".

1.3 Operational Costs and Expenses

In 4Q23, operating costs and expenses from continuing operations totaled R\$4,445.1 million, a reduction of 6.7% compared to the R\$4,765.5 million recorded in 4Q22, mainly due to:

- (i) the reduction of R\$603.5 million with "provisions and reversals", mainly reflecting (a) the extraordinary event of recording a provision in 4Q22, in the amount of R\$452.7 million related to the discussion of a process that it was in arbitration at the time (more information in Explanatory Note 40.1 of our Financial Statements); (b) the partial reversal of impairment of generation assets in the amount of R\$123.7 million, mainly explained by the reversal of R\$105.1 million relating to HPP Colíder and R\$24.1 million relating to HPP Baixo Iguaçu, as a result of the reassessment of assumptions in the calculation of fair value considering better estimates of revenue from the sale of electricity and reduction in operating costs and discount rate (more details in explanatory note 16.4.1 in the Financial Statements); and (c) the reversal of R\$83.0 million of regulatory litigation within the scope of Copel GeT, effect of Aneel Order No. 4,758 of December 5, 2023, which deals with the calculation methodology of the Surplus and Deficit Compensation Mechanism (MCSM); and
- (ii) the drop of R\$50.7 million in electricity purchased for resale (-2.4%), basically due to the lower average price applied to the purchase of electricity and the drop in the volume of electricity purchased by Copel Mercado Livre and Copel GeT, due to the improvement in the hydrological scenario (average GSF of 83.8%, compared to 77.6% in 4Q22).

These reductions were partially offset by:

- (i) the increase of R\$ 148.6 million (+23.7%) with "charges for using the electricity grid" justified mainly by higher costs with transporting energy on the basic grid; and
- (ii) the growth of R\$ 109.9 million (+16.1%) with manageable costs (PMSO), excluding provisions and reversals, mainly due to; (a) the Company's best results in 2023 and the performance related to short-term goals, resulting in greater amounts allocated to the performance bonus (PPD) and profit sharing (PLR), with a record of R\$39, 5 million in 4Q23 compared to

a reversal of R\$24.1 million in 4Q22; and (b) higher expenses with third-party services (+27.8%), basically due to the increase in maintenance costs for the electrical system, mainly resulting from the greater number of interventions in the distribution grid caused by bad weather and rain during the period, in addition to the costs added by the acquisition of the Aventura and Santa Rosa & Mundo Novo Wind Complexes within the scope of Copel GeT. These events were partially offset by the 21.7% reduction in the item "other costs and expenses", mainly due to (a) the recovery of taxes, especially related to the court decision on the Inspection Fee for the Use or Occupation of the Highway Right-of-Way – TFDER (DER/PR) in the amount of R\$24.8 million⁴, and (b) lower losses related to the deactivation of assets.

| | R\$'000 | | | | | |
|--------------------------------------|----------------|----------------|-------------|------------------|------------------|-------------|
| Manageable Costs | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Personnel and management | 316,642 | 249,726 | 26.8 | 1,878,332 | 977,904 | 92.1 |
| Private pension and healthcare plans | 65,950 | 64,485 | 2.3 | 260,159 | 260,197 | - |
| Material | 37,916 | 26,358 | 43.8 | 102,667 | 90,541 | 13.4 |
| Third-party services | 267,960 | 209,625 | 27.8 | 996,312 | 754,551 | 32.0 |
| Other costs and expenses operating * | 102,435 | 130,834 | (21.7) | 430,544 | 489,318 | (12.0) |
| TOTAL | 790,903 | 681,028 | 16.1 | 3,668,014 | 2,572,511 | 42.6 |

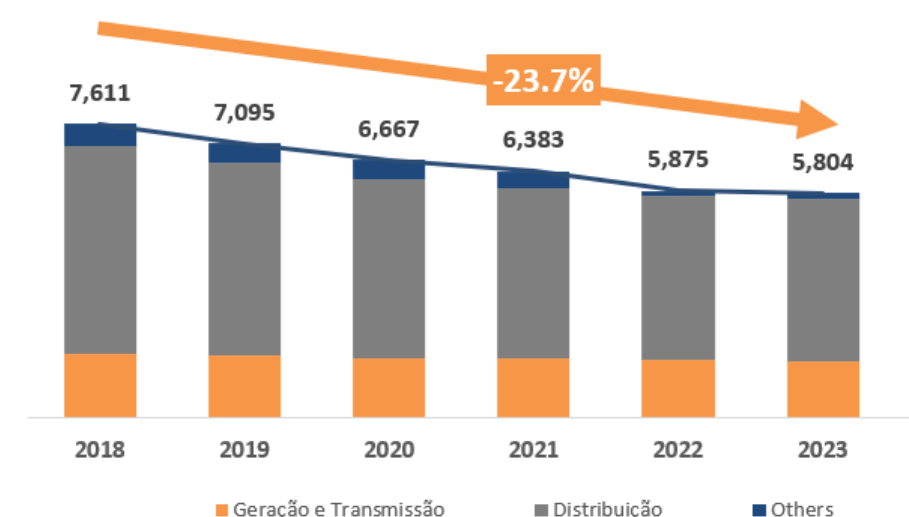
* disregards effect of the GSF renegotiation in 3Q23 (R\$ 26.4 million) and its reversal in 4Q23.

Neutralizing the effects of provisions related to PPD, PLR and PDV, there is an increase of 1.1% in the quarterly comparison, despite the effects of ACT 2022/2024 with salary bonus in 4Q23 and salary adjustments of 7.19% in January and 4.51% in October of the current year. Considering the accumulated inflation measured by the National Consumer Price Index – INPC, of 3.71% between 4Q22 and 4Q23, there was a reduction in real terms of 2.5%, due to the reduction of 71 employees in the comparison between periods.

⁴ This is a sentence relating to the removal of the Inspection Fee for the Use or Occupation of the Highway Right-of-Way – TFDER, provided for in State Law no. 17,445/2012

| | R\$'000 | | | | | |
|--|----------------|----------------|------------|----------------|----------------|------------|
| Personnel and Management | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Personnel and management | 316,642 | 249,726 | 26.8 | 1,878,332 | 977,904 | 92.1 |
| (-/+) Profit sharing PLR and PPD | (39,470) | 24,111 | - | (173,662) | (39,655) | 337.9 |
| (-/+) Indemnity of additional third of vacation bonus | - | - | - | (138,173) | - | - |
| (-/+) Provision/Reversal for indemnification for PDV | - | 389 | - | (610,057) | 9,315 | - |
| TOTAL | 277,172 | 274,226 | 1.1 | 956,440 | 947,564 | 0.9 |

Headcount Evolution

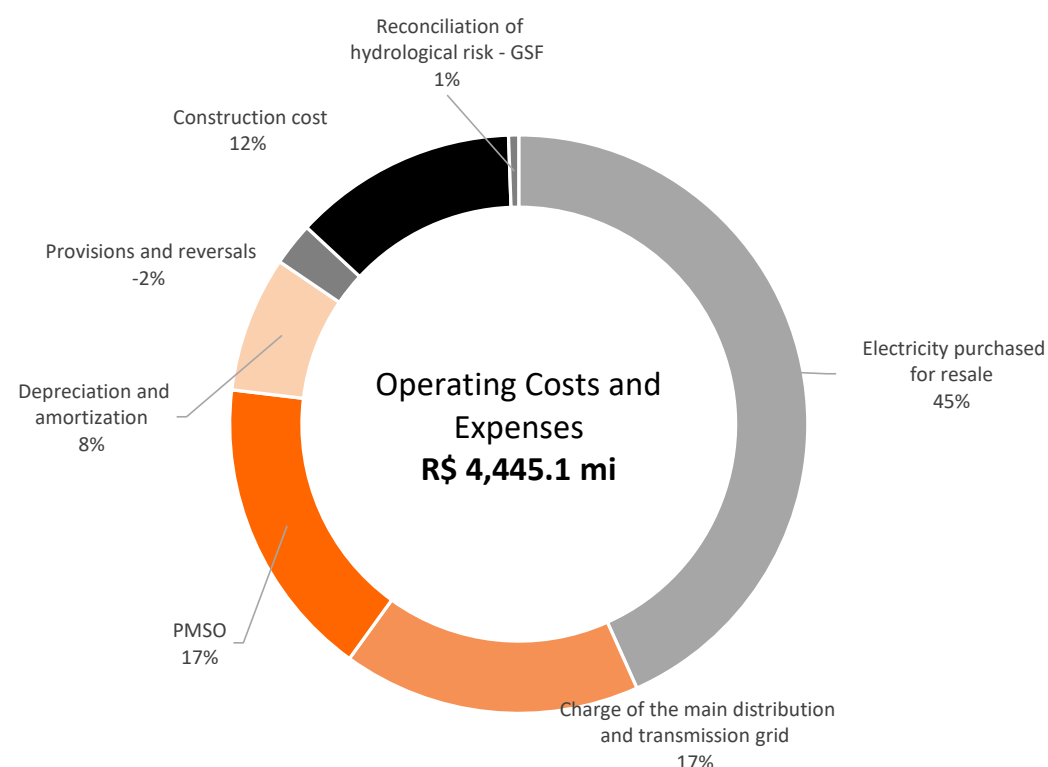


In 2023, total operating costs and expenses reached R\$18,092.6 million, a value 4.9% higher than the R\$17,254.6 million recorded in 2022, mainly justified by (i) higher expenses with personnel and management, due to (a) the provisioning of R\$610.1 million in 2023 referring to the Voluntary Dismissal Program (PDV), as per [Notice to the Market 23/23](#), (b) the increase of R\$134.0 million in the amount intended for the payment of performance bonuses (PPD) and profit sharing (PLR), resulting from the Company's best results and performance related to short-term goals, and (c) compensation of R\$138.2 million paid in January 2023 regarding the bonus of the additional third of vacation, after a collective agreement signed with employees; and (ii) the increase of R\$408.7 million with charge of the main distribution and transmission grid, mainly due to the higher costs of transporting energy on

the basic grid. These events were partially offset, especially, by reductions of R\$380.7 million in electricity purchased for resale and R\$625.3 million in provisions and reversals.

Considering the impact of the provision for the allocation of PIS and Cofins credits in 2022 (R\$810.6 million), total operating costs and expenses increased by 0.2% (R\$18,092.6 million in 2023 compared to R\$18,065.1 million in 2022).

Breakdown of Costs and Expenses



It is worth mentioning that the company, in 2023, changed the method of accounting for the “monetary update on provisions for litigation” item, which was no longer recorded in the provisions and reversals line and began to form part of financial expenses. More information in Explanatory Note 28.1 of our Financial Statements.

1.4 Equity in Earnings of Subsidiaries

The equity result of joint ventures and other Copel associates reduced R\$85.3 million compared to that recorded in the same period of the previous year (R\$63.1 million, compared to R\$148.5 million recorded in 4Q22), due to the lower remuneration on transmission agreement assets, basically

explained by the periodic tariff review applied to transmission agreements and the lower inflation (IPCA) in 4Q23 (1.08% compared to 1.63% in 4Q22). More details can be seen in Appendix I.

1.5 Financial Results

In 4Q23, the financial result was a negative R\$305.7 million, compared to a negative R\$279.7 million recorded in 4Q22.

Financial expenses registered an increase of R\$65.8 million, basically due to the growth of R\$36.0 million in monetary variation and debt charges due to the greater volume of loans and financing (R\$15.0 billion in 4Q23 compared to R\$ 12.5 billion in 4Q22) and the greater impact of monetary variation and adjustment to present value on accounts payable linked to the concession (+R\$25.1 million), referring to the UBP (Use of Public Asset) of Elejor. Financial expenses were also impacted by the voluntary change in the accounting method for the “monetary update on provisions for litigation” item, which was no longer recorded in the provisions and reversals line and became part of financial expenses. More information in Explanatory Note 28.1 of our Financial Statements.

Financial revenues increased by R\$39.9 million, reflecting, above all, the higher income from investments (+R\$64.4 million), essentially due to the greater volume of investments coming from cash resources, partially offset due to the drop in the remuneration of sectoral financial assets and liabilities (-R\$ 41.7 million) within the distributor.

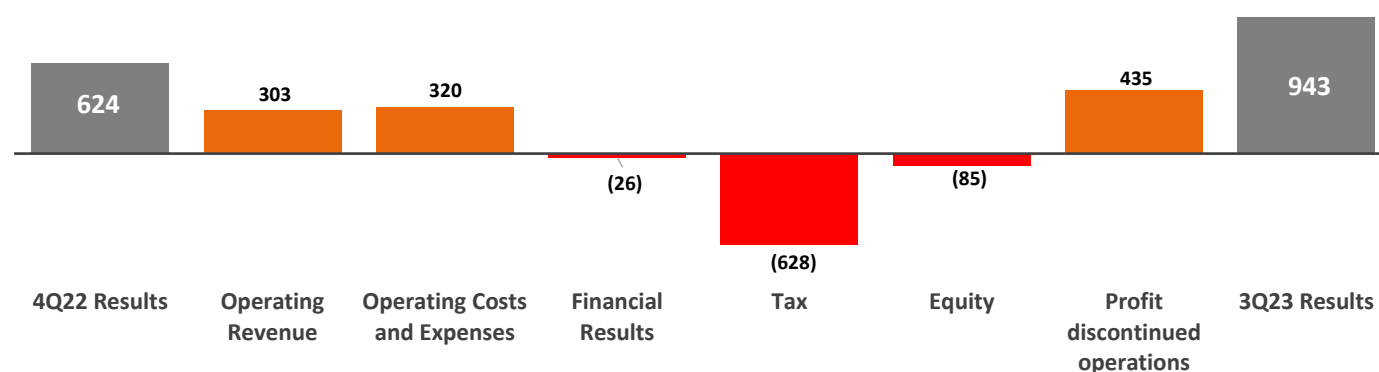
| | R\$'000 | | | | | |
|---|------------------|------------------|------------|--------------------|--------------------|-------------|
| Financial Results | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Financial Revenues | 272,666 | 232,808 | 17.1 | 1,069,116 | 956,413 | 11.8 |
| Financial Expenses | (578,367) | (512,554) | 12.8 | (2,274,106) | (1,950,927) | 16.6 |
| Update of provision for allocation of PIS and Cofins credits | - | - | - | - | (1,011,370) | - |
| Total Financial Result | (305,701) | (279,746) | 9.3 | (1,204,990) | (2,005,884) | - |
| Adjusted Financial Result (-) PIS and Cofins provision | (305,701) | (279,746) | 9.3 | (1,204,990) | (994,514) | 21.2 |

In the 2023 consolidated, excluding the effect of updating the provision for the allocation of PIS and Cofins credit, the financial result was negative by R\$1,205.0 million compared to R\$994.6 million recorded in 2022, essentially justified by the growth of R\$284.5 million with monetary variation and debt charges, resulting from the greater volume of loans and financing.

1.6 Consolidated Net Income

Copel recorded in 4Q23, considering discontinued operations, net income of R\$942.8 million compared to R\$623.5 million in 4Q22 (an increase of 51.2%). In addition to the items already mentioned, the reversal of impairment at UEGA in the amount of R\$258.6 million contributed to the growth in results, as a result of the signing of the share purchase and sale contract – CCVA, according to [Material Fact 20/23](#).

Also noteworthy is the difference of R\$627.7 million in income tax and social contribution, mainly reflecting the recognition of the PIS/COFINS provision in 2022, impacting the result and deferred taxes.



Considering the accumulated result for 2023, the net income recorded, considering discontinued operations, was R\$2,327.2 million compared to R\$1,149.3 million recorded in 2022.

1.7 Debt

Copel's total consolidated debt, considering the results of continuing operations, totaled R\$14,962.3 million on December 31, 2023, a variation of 20.1% in relation to the amount recorded on December 31, 2022, of R\$12,454.2 million.

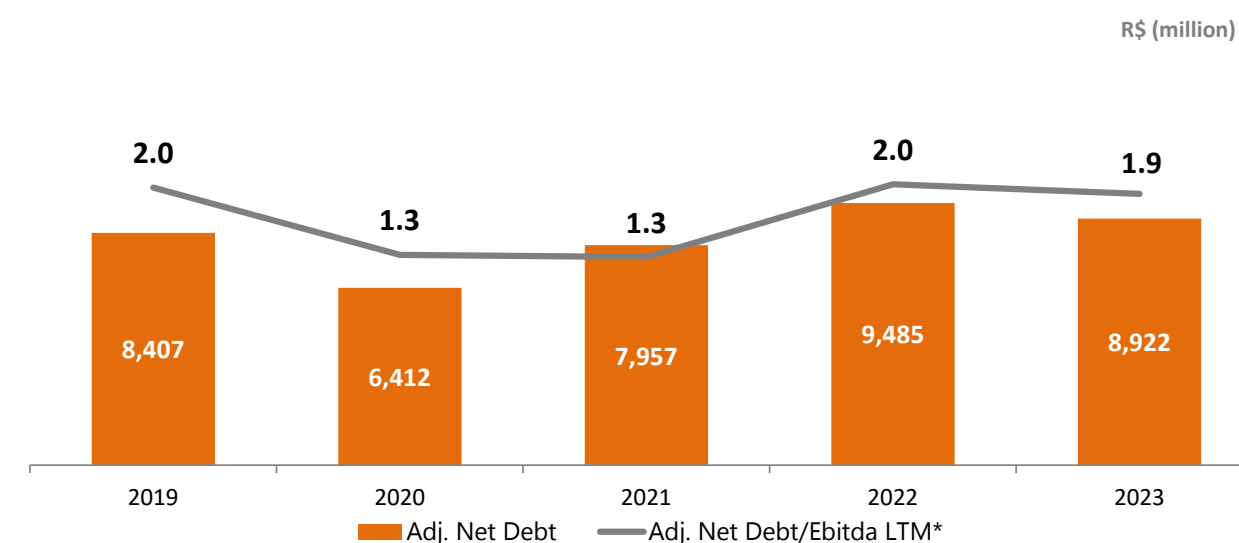
At the end of 2023, the Company's gross debt represented 61.8% of consolidated net equity, which was R\$24,191.7 million.

The following table and graphs demonstrate the indebtedness of Copel and its subsidiaries at the end of 2023.

Debt by Subsidiary

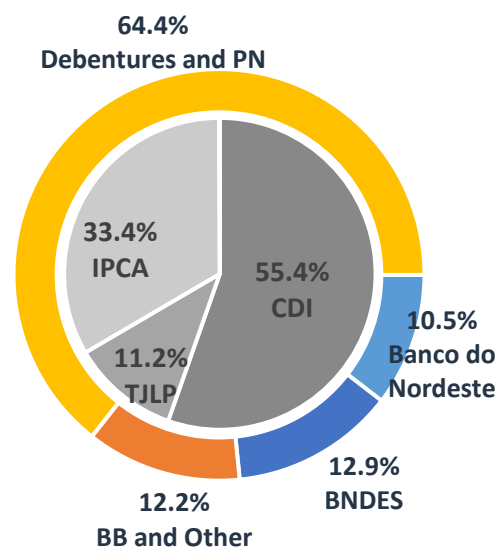
| | R\$'000 | | | |
|--------------------------|------------------|------------------|--------------------|------------------|
| R\$ mil | GeT | DIS | Others | Total |
| Total debt | 6,049,494 | 6,070,896 | 2,841,931 | 14,962,321 |
| Availability | 1,082,967 | 626,708 | 4,330,290 | 6,039,965 |
| Adjusted Net Debt | 4,966,527 | 5,444,188 | (1,488,359) | 8,922,356 |
| Average Cost | 9.66% | 11.56% | 7.15% | 8.72% |
| Duration (years) | 2.8 | 2.2 | 4.1 | 3.0 |

Adjusted Net Debt/EBITDA Adjusted

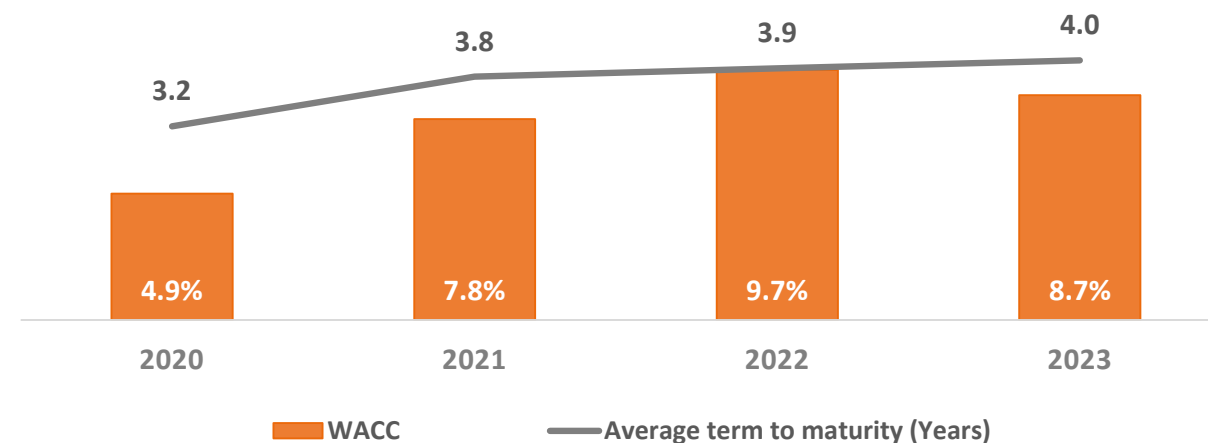


* does not consider equity in earnings, considers discontinued operations and excludes impairment effects, GSF renegotiation and effect of PIS/Cofins

Debt Indexers Average cost: 8.72%

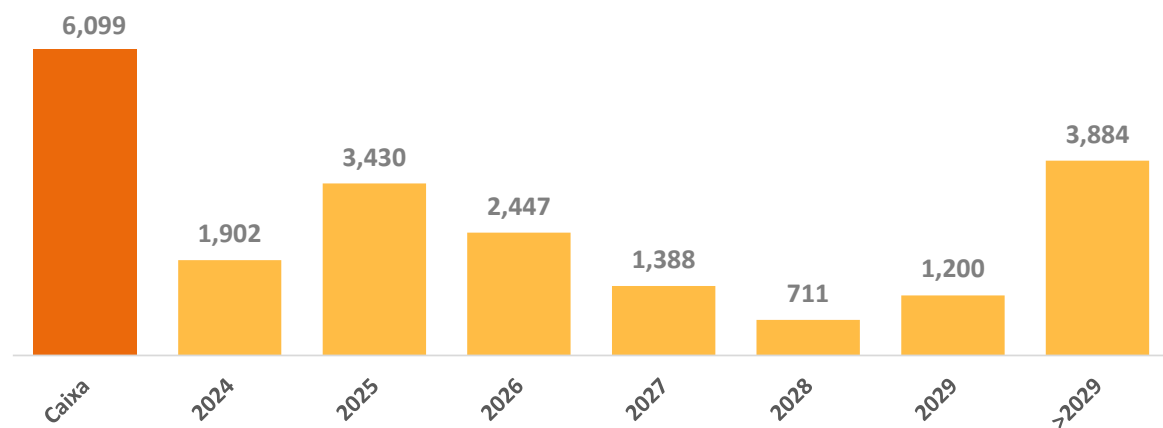


Weighted Average Cost and Average term to maturity



Copel's consolidated debt at the end of 2023, considering the 4th issuance of simple debentures by Compagas in July 2023 in the amount of R\$284.2 million, totaled R\$15,246.5 million.

Amortization - R\$ million Average term to maturity: 4.0 years



2. Investment

2.1 Investment Policy

In March 2021, the Board of Directors approved the Company's Investment Policy. Said Policy was subject to analysis and approval by the Investment and Innovation Committee, which was established by the new Bylaws of March 11, 2021, whose main purpose is to improve discipline in the allocation of capital, being an essential tool for the execution of the strategic guidelines for sustainable growth, generation of value for shareholders and the perpetuity of our energy business.

The Policy establishes the criteria for selecting, prioritizing, evaluating, approving and monitoring investments. Among the various aspects, the Policy segregates investment opportunities into three groups that will be prioritized as follows:

- (i) Operating Investments: expansion of capacity and modernization of the assets of the Distribution, Transmission and Generation concessions, in addition to the continuity of existing businesses;
- (ii) Strategic Investments: acquisition and development of new assets with an emphasis on brownfield opportunities and that provide operational synergies to the Company. Portfolio review and divestments are included; and
- (iii) Investments in Innovation: where we highlight projects aimed at open innovation.

The Investment and Innovation Committee meets ordinarily once a month and extraordinarily whenever necessary, analyzing and issuing recommendations for the Company's investment proposals.

2.2 Investment Program

Investment Programs follow their schedules in each development project. In 2023, the amount realized from the investment program was R\$2,252.1 million (99.1% of the forecast), of which R\$1,966.5 million was made by Copel Distribuição, R\$240.1 million by Copel Geração e Transmissão, R\$40.7 million by Copel Serviços and R\$4.8 million by Copel Holding and Copel Mercado Livre.

The investments made at Copel Distribuição aim to expand and automate the electrical infrastructure in the concession area, mainly through the "Paraná Trifásico", Smart Grid and Total Reliability programs (see item 4.2.4). Of the amount allocated in the year, 95.0% was allocated to investments in electrical assets, 4.4% to investments in non-electrical assets and 0.6% to other investments.

| Subsidiary / SPC | R\$ million | | | |
|--|--------------|----------------|------------------------|----------------|
| | Carried | | Scheduled ⁵ | |
| | 4T23 | 2023 | 2023 | 2024 |
| Copel Distribuição ¹ | 541.7 | 1,966.5 | 1,878.9 | 2,091.7 |
| Copel Geração e Transmissão | 62.7 | 240.1 | 274.9 | 265.1 |
| Generation | 26.0 | 70.7 | 117.6 | 101.7 |
| Hydroelectric Power Plants | 20.7 | 52.7 | 42.3 | 34.0 |
| Wind Farms | 1.7 | 4.1 | 52.9 | 55.5 |
| Small Hydroelectric Plants | 3.6 | 13.9 | 15.4 | 12.2 |
| Transmission | 22.3 | 134.5 | 68.8 | 91.3 |
| Improvements/Reinforcement ² | 22.2 | 133.9 | 65.3 | 90.1 |
| TL Curitiba Leste-Blumenau | 0.1 | 0.6 | 3.4 | 1.1 |
| Other projects GeT ³ | 14.4 | 34.9 | 95.5 | 72.1 |
| Holding | 1.7 | 3.2 | 5.0 | 3.4 |
| Copel Comercialização | 0.4 | 1.6 | 1.6 | 1.5 |
| Copel Serviços | 0.0 | 40.7 | 91.1 | 17.1 |
| Other participations ⁴ | 0.0 | 0.0 | 20.9 | 53.4 |
| Total | 614.3 | 2,252.1 | 2,272.3 | 2,432.2 |

¹ Includes "Transformation" Program composed of the Paraná Trifásico, Smart Grid and Total Reliability projects.

² Includes the Facilities Modernization Plan - PMI.

³ Includes modernization of COGT (Generation and Transmission Operation Center), HPP GPS Parigot de Souza, SHPs Marumbi and Uirapuru, Jandaíra Wind Complexes and other projects.

⁴ Considers innovation plan within the energy sector and aligned with Copel's investment thesis and ESG practice.

⁵ Does not consider appropriation of own labor, charges and others, as well the acquisition of the Aventura and SRMN Wind Complexes in 2023 and the Grant Bonus for the renewal of the Salto Caxias, Segredo and Foz do Areia HPP concessions, in the amount of R\$3.7 billion, scheduled for 2024.

3. Copel Geração e Transmissão

(Consolidated Results)

3.1 Financial Performance

Copel GeT presented an adjusted EBITDA of R\$866.0 million considering the result of the discontinued UEGA operation and excluding non-recurring items, an amount 1.2% higher than the R\$855.6 million recorded in 4Q22, due to, mainly, (a) the reduction of R\$96.2 million with provisions and reversals (on a recurring basis), explained, above all, by the reversal of R\$83.0 million in regulatory litigation, in which Aneel accepted, through the Order Aneel No. 4,758 of December 5, 2023, Copel's challenge to the methodology for calculating the Surplus and Deficit Return Mechanism – MCSD⁵; (b) the best result with the purchase and sale of electrical energy (+R\$50.9 million), essentially justified by the reduction of R\$48.3 million in acquisition costs for electricity purchased for resale, resulting from the more favorable hydrological scenario in 4Q23, with an average GSF of 83.8%, compared to 77.6% in 4Q22; and (c) addition of R\$29.1 million to the result due to the incorporation of the Aventura and Santa Rosa & Mundo Novo Wind Complexes on January 30, 2023.

This result was partially offset by:

- i. the reduction of R\$30.2 million (R\$ 62.0 million in 4Q23 compared to R\$31.8 million in 4Q22) in net operating revenue from wind farms, mainly caused by the diversion of generation resulting from the operational restriction imposed by the ONS (Constrained-off) in 4Q23. Considering the existing wind farms in both periods⁶, the effect of the generation restriction on revenue was R\$27.9 million;

- ii. the lower remuneration on transmission agreement assets, mainly due to the periodic tariff review applied to the agreements and lower inflation in the comparison between periods (IPCA of 1.08% in 4Q23 compared to 1.63% in 4Q22), with a reduction of R\$15.9 million in Copel GeT's revenue from use of the main transmission grid and R\$85.3 million in equity in earnings of subsidiaries. Item 3.1.1 presents the regulatory accounting of results for the purpose of verifying the IFRS (International Financial Reporting Standards) effect on transmission assets.

| Adjusted EBITDA | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
|--|----------------|--------------|-------------|----------------|----------------|--------------|
| EBITDA FROM CONTINUING OPERATIONS | 991.6 | 909.9 | 9.0 | 3,466.6 | 3,528.4 | (1.8) |
| (-/+) Provision (reversal) of generation assets | (123.7) | (34.8) | 255.4 | (177.7) | (0.3) | - |
| (-/+) Reflections of the PIS/Cofins Provision | - | - | - | - | (16.7) | - |
| (-/+) Indemnity of additional third of vacation bonus | - | - | - | 42.4 | - | - |
| (-/+) Provision/Reversal for indemnification for PDV | - | - | - | 190.3 | (1.5) | - |
| (-/+) GSF Reconciliation - HPP Mauá | 26.4 | - | - | - | - | - |
| ADJUSTED EBITDA FROM CONTINUING OPERATIONS | 894.3 | 875.1 | 2.2 | 3,521.6 | 3,509.9 | 0.3 |
| (-/+) Equity in Earnings of Subsidiaries | (28.3) | (19.5) | 45.0 | (68.2) | (85.5) | (20.2) |
| ADJUSTED EBITDA WITH DISCONTINUED OPERATIONS | 866.0 | 855.6 | 1.2 | 3,453.4 | 3,424.4 | 0.8 |
| (-/+) Equity in Earnings of Subsidiaries | (59.8) | (145.9) | - | (300.6) | (470.6) | (36.1) |
| ADJUSTED EBITDA WITH DISCONTINUED OPERATIONS without equity | 1,672.2 | 709.7 | 13.6 | 3,152.8 | 2,953.8 | 6.7 |
| (-/+) Revenue Adjustment TRA IFRS/Regulatory | 32.1 | (24.4) | - | 3.8 | (156.9) | - |
| ADJUSTED EBITDA WITH DISCONTINUED OPERATIONS for the Transmission IFRS effect | 838.3 | 685.3 | 22.3 | 3,156.6 | 2,796.9 | 12.9 |

Regarding non-recurring items for continuing operations in 4Q23, the following were recorded: (i) the partial reversal of impairment of generation assets in the amount of R\$123.7 million, mainly explained by the reversal of R\$105.1 million relating to HPP Colíder and R\$24.1 million referring to HPP Baixo Iguçu, due to the revaluation of the discount rate, after taxes, to 5.43% p.a. (5.71% p.a. in 2022) and better estimates of revenue from the sale of electricity and reduction in operating costs (more details in explanatory note 16.4.1 in the Financial Statements); ii) reversal of R\$26.4 million, which had been recorded in intangible assets in 3Q23 relating to the extension of the concession period for HPP Mauá, which had its accounting recognition reviewed. In the case of the discontinued UEGA operation, the reversal of impairment was recorded (R\$258.6 million), as a result of the signing of the CCVA share

⁵ Due to the renegotiation of the hydrological risk in the ACR in 2016, which extended the validity period for plants with existing energy in the period from 05/24/2023 to 09/17/2023, Copel GeT, understanding that the amounts originally contracted in the auctions must be fully rehired, without the subsequent reductions caused by MSCD 4% and monthly, had filed a precautionary measure with the agency.

⁶ Considers the wind farms of Cutia, São Bento, Brisa Potiguar, Bento Miguel and Vilas.

purchase and sale contract (more details in “Other highlights of the period” and Note in Explanatory 39 Copel's financial statements);

Expenses with PMSO, excluding provisions and reversals, increased 5.9%, mainly influenced by:

- (i) increase in “personnel and management” costs of R\$21.8 million, justified mainly by the higher provision for the performance bonus (PPD) and profit sharing (PLR), +R\$ 10, 4 million in 4Q23 compared to a reversal of -R\$ 6.1 million in 4Q22;
- (ii) increase in expenses with “third party services” by 22.3%, essentially due to the costs of maintaining wind farms (+R\$ 7.0 million), also reflecting the incorporation of the Aventura and Santa Rosa & Mundo Novo Wind Complexes;
- (iii) partially offset by the reduction in “Other costs and expenses” by 31.4%, mainly by the reimbursement of coal through the energy development account (CDE), resulting from the return to operation of TPP Figueira since December 2022 (R \$11.8 million).

| | R\$'000 | | | | | |
|--------------------------------------|----------------|----------------|------------|------------------|----------------|-------------|
| Manageable Costs | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Personnel and management | 102,810 | 81,051 | 26.8 | 604,808 | 319,740 | 89.2 |
| Private pension and healthcare plans | 20,605 | 19,734 | 4.4 | 81,704 | 79,056 | 3.4 |
| Material | 11,454 | 4,719 | 142.7 | 26,246 | 17,640 | 48.8 |
| Third-party services | 68,661 | 56,129 | 22.3 | 269,711 | 207,486 | 30.0 |
| Other costs and expenses operating * | 59,374 | 86,548 | (31.4) | 219,673 | 261,051 | (15.9) |
| TOTAL Adjusted | 262,904 | 248,182 | 5.9 | 1,202,142 | 884,973 | 35.8 |

* Does not consider the effect of the GSF reconciliation in the amount of R\$ 26.4 million and its reversal

Neutralizing the effects of provisions relating to PPD and PLR, there is an increase of 5.8% in personnel and management costs in the quarterly comparison, mainly due to the effects of ACT 2022/2024 with salary bonus (+R\$ 5.2 million) in 4Q23 and salary adjustments of 7.19% in January and 4.51% in October of this year, despite the reduction of 10 employees. Considering the accumulated inflation measured by the National Consumer Price Index – INPC, of 3.71% between 4Q22 and 4Q23, there was an increase in real terms of 2.0%.

| | R\$'000 | | | | | |
|--|---------------|---------------|------------|----------------|----------------|------------|
| Personnel and Management | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Personnel and management | 102,810 | 81,051 | 26.8 | 604,808 | 319,740 | 89.2 |
| (-/+) Profit sharing PLR and PPD | (10,420) | 6,126 | - | (49,060) | (10,717) | - |
| (-/+) Provision/Reversal for indemnification for PDV | - | 132 | - | (190,305) | 2,461 | - |
| (-/+) Indemnity of additional third of vacation bonus | - | - | - | (42,358) | - | - |
| TOTAL | 92,390 | 87,309 | 5.8 | 323,085 | 311,484 | 3.7 |

In 2023, Copel GeT recorded EBITDA of R\$3,466.6 with continuing operations, a decrease of 1.8% compared to 2022, mainly due to provisions for compensation from the voluntary dismissal program and compensation for the additional third of vacation, partially offset by (a) reversal of the impairment of generation assets, (b) incorporation of new wind farms (Complexo Jandaíra, Aventura and SRMN), (c) the best result with the purchase and sale of electricity in the year, explained by better hydrological conditions. Including discontinued operations and disregarding non-recurring effects, adjusted EBITDA was recorded at R\$3,453.3 million, an increase of 0.8%, compared to R\$3,424.4 million in the same period of the previous year.

Net income from continuing operations was R\$1,634.3 million in 2023, a reduction of 11.8% compared to 2022. This result mainly reflects the negative financial result in R\$ 747.4 million in 2023, compared to a negative R\$ 636.0 million recorded in 2022, resulting from the increase in debt charges, reflecting the greater amount of debentures, loans and financing, being partially offset by the growth in EBITDA, by the points presented previously. Considering discontinued operations, net income reached R\$1,700.5 million, 6.3% higher than in the previous year, essentially due to the reversal of the UEGA impairment.

| | R\$ million | | | | | |
|--|-------------|---------|--------|-----------|-----------|--------|
| Main Indicators | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Net Operating Revenue (R\$ million) | 1.215,7 | 1.233,6 | (1,5) | 5.117,7 | 4.941,2 | 3,6 |
| Operating Costs and Expenses (R\$ million) | (493,1) | (659,1) | (25,2) | (2.771,9) | (2.626,7) | 5,5 |
| Operating Income (R\$ million) | 618,7 | 559,9 | 10,5 | 1.899,0 | 2.149,0 | (11,6) |
| Net Income (R\$ million) | 516,8 | 680,9 | (24,1) | 1.634,3 | 1.853,6 | (11,8) |
| EBITDA (R\$ million) | 991,6 | 909,9 | 9,0 | 3.466,6 | 3.528,4 | (1,8) |
| Operating Margin | 50,9% | 45,4% | 12,1 | 37,1% | 43,5% | (14,7) |
| Net Margin | 42,5% | 55,2% | (23,0) | 31,9% | 37,5% | (14,9) |
| EBITDA Margin | 81,6% | 73,8% | 10,6 | 67,7% | 71,4% | (5,1) |
| Investment Program (R\$ million) | 62,7 | 113,4 | (44,7) | 240,1 | 473,2 | (49,3) |

3.1.1 IFRS effect in the Transmission segment

For the calculation, an adjustment was made considering the effects of the application of CPC47/IFRS15 in the corporate statements in the transmission business.

| | R\$ million | | | | | |
|--|--------------|----------------|--------------|----------------|----------------|---------------|
| IFRS effect in the Transmission segment | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| (A) IFRS revenue¹ | 225.1 | 247.1 | (8.9) | 980.9 | 1,018.1 | (3.7) |
| O&M revenue and effective interest | 222.7 | 238.5 | (6.6) | 966.8 | 991.1 | (2.5) |
| Revenue and build margin | 19.0 | 17.8 | 6.7 | 99.2 | 116.1 | (14.6) |
| Cost of construction | (16.6) | (9.2) | 80.4 | (85.1) | (89.1) | (4.5) |
| (B) Regulatory revenue¹ | 257.2 | 222.7 | 15.5 | 984.7 | 861.2 | 14.3 |
| (B-A) Revenue Adjustment TRA IFRS/Regulatory | 32.1 | (24.4) | - | 3.8 | (156.9) | - |
| (+/-) Effects on Equity in Earnings in the transmission companies ² | (30.1) | (112.3) | (73.2) | (142.9) | (363.2) | (60.7) |
| IFRS effect in Transmission business | 2.0 | (136.7) | - | (139.1) | (520.1) | (73.3) |

¹ net of taxes and charges.

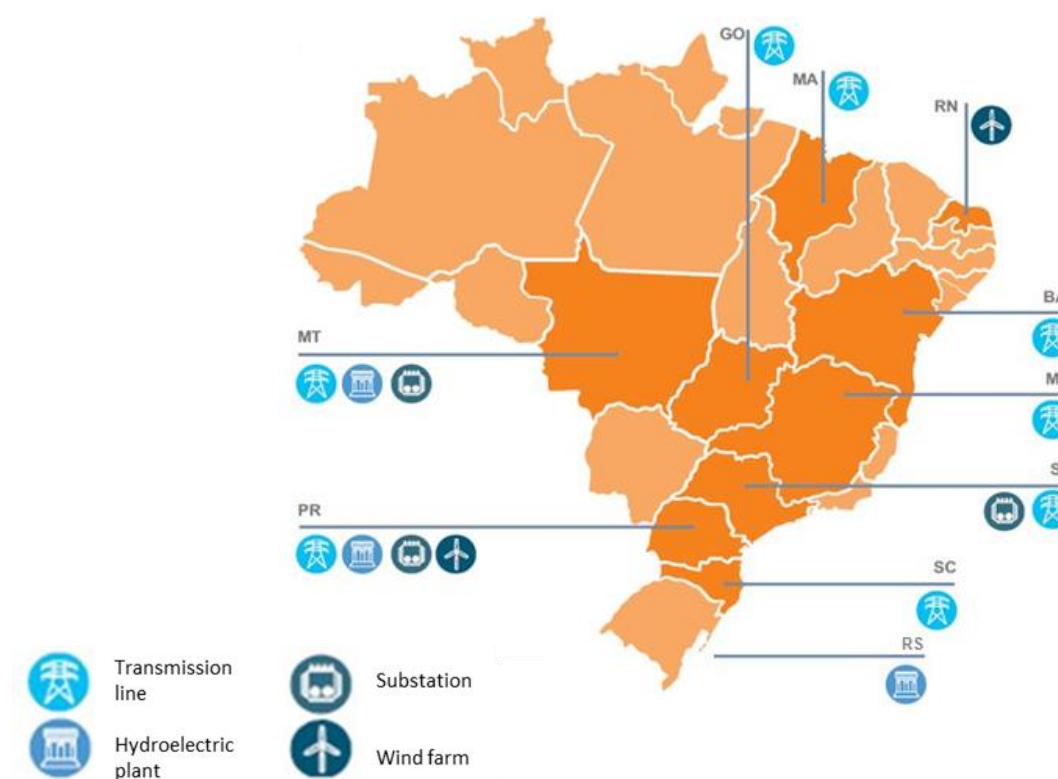
² difference between IFRS and regulatory earnings of jointly-owned subsidiaries in the transmission segment, proportional to Copel GeT's interest in the projects.

3.2 Operacional Performance

Copel is present in 10 states, operating in the generation and transmission business.

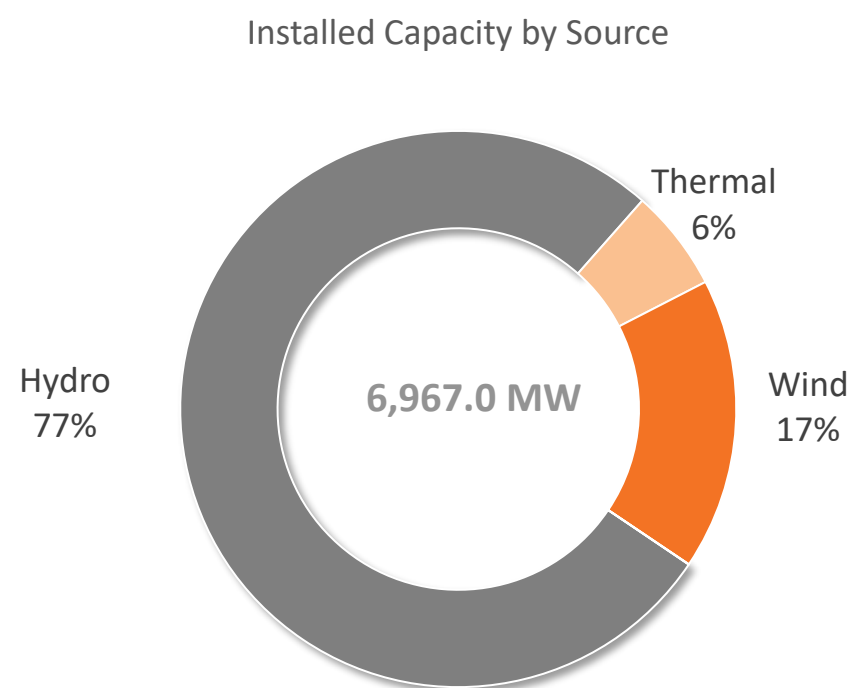
In the Generation business, Copel GET operates a diversified park of hydroelectric, wind and thermal plants, totaling 6,966.7 MW of installed capacity and 3,156.6 average MW of assure energy. In the Transmission business, Copel owns a total grid of 9,685 Km of transmission lines and 53 basic grid substations, considering the affiliates.

For more information on generation and transmission operational data, see Exhibit IV.



3.2.1 Generation

Copel's generating portfolio is made up of 94% of renewable sources, such as hydro and wind power.



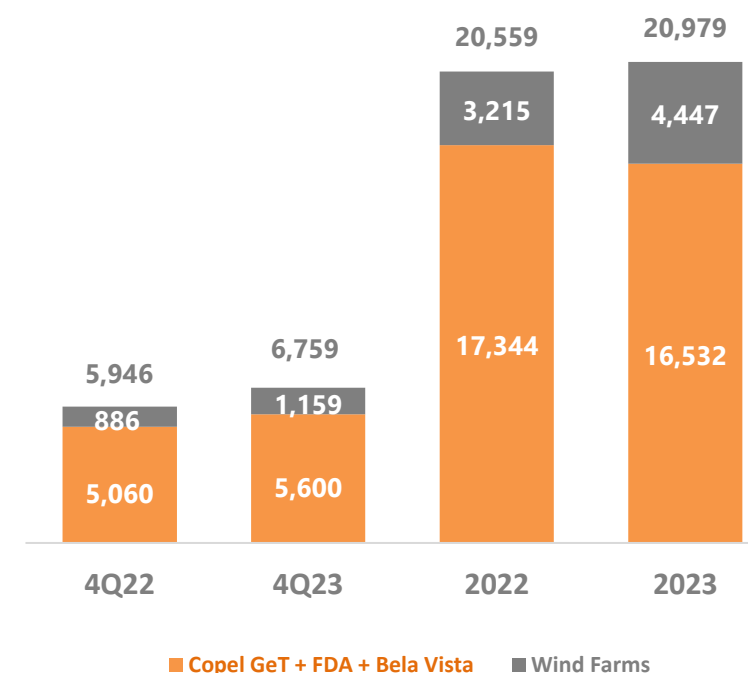
3.2.2 Hydro and Wind Generation

The energy generation of Copel Geração e Transmissão S.A. and its wind farms in 2023 was 25,797 GWh (compared to 24,721 GWh in 2022). The increase is mainly due to the entry into commercial operation of Jandaíra Wind Farm and the acquisition of the Aventura and Santa Rosa & Mundo Novo (SRMN) Wind Complexes.

In the fourth quarter of 2023, Copel Geração e Transmissão's hydro plants (including HPP Foz do Areia and SHP Bela Vista) recorded 5,600 GWh of electricity sold, an increase of 10.7%, mainly due to CCEARs resulting from the renegotiation of the GSF.

For wind farms, the total electricity sold in 4Q23 was 1,159 GWh, an increase of 30.9%, influenced by the acquisition of the Aventura and SRMN Wind Complexes, which became part of the Company's portfolio on January 30, 2023.

Consolidated Generation Sales (GWh)



3.2.3 Thermal Generation

TPP Araucária

It is a natural gas generation plant with an installed capacity of 484.2 MW that operates in a combined cycle (two gas turbines and one steam turbine) and operates in the modality known as "merchant" in which the plant operates without sales contracts. of electricity, whether in the free (ACL) or regulated (ACR) environment, subject to fluctuations in the Price for Settlement of Differences - PLD. In this modality, the thermoelectric plant is dispatched centrally by the National Electric System Operator (ONS), in situations where the Marginal Cost of Operation (CMO) of the electrical system exceeds its Variable Unit Cost (CVU) approved by ANEEL, or out of order of merit, when requested by the ONS. For TPP Araucária, which is in the process of being disinvested by Copel, there was no dispatch in 4Q23, due to hydrological conditions.

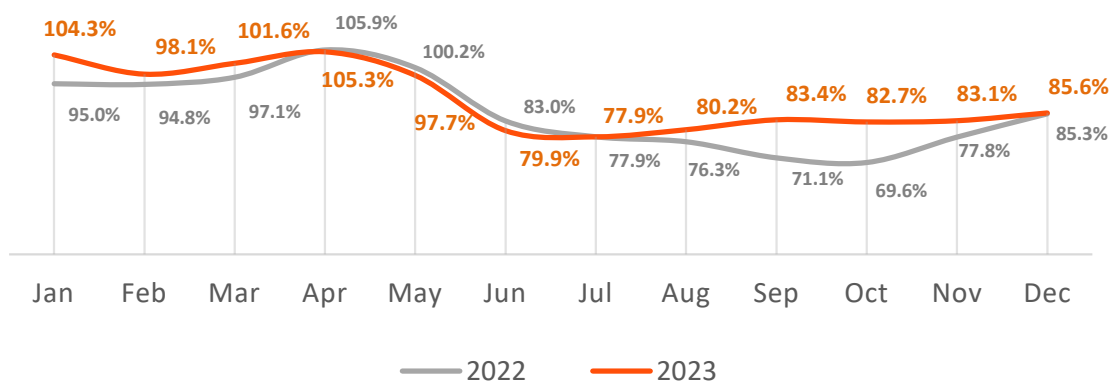
TPP Figueira

On February 23, 2024, Aneel's Technical Inspection Superintendence (SFT), through Order No. 561/2024, authorized the suspension of the commercial operation of the generating unit – UG1 of TPP Figueira. Copel has also formalized with the granting authority the withdrawal of the request to extend the concession of the asset and is awaiting a response from the Ministry of Mines and Energy. The thermoelectric plant with 20 MW of installed power, powered by mineral coal, does not have current energy supply contracts. This claim is another stage in Copel's strategic plan to decarbonize its energy generation portfolio.

In 4Q23 there was no dispatch and in 2023, generation was 40.1 GWh.

GSF and PLD

GSF - Generation Scaling Factor



Average Monthly PLD (South Submarket) - R\$/MWh

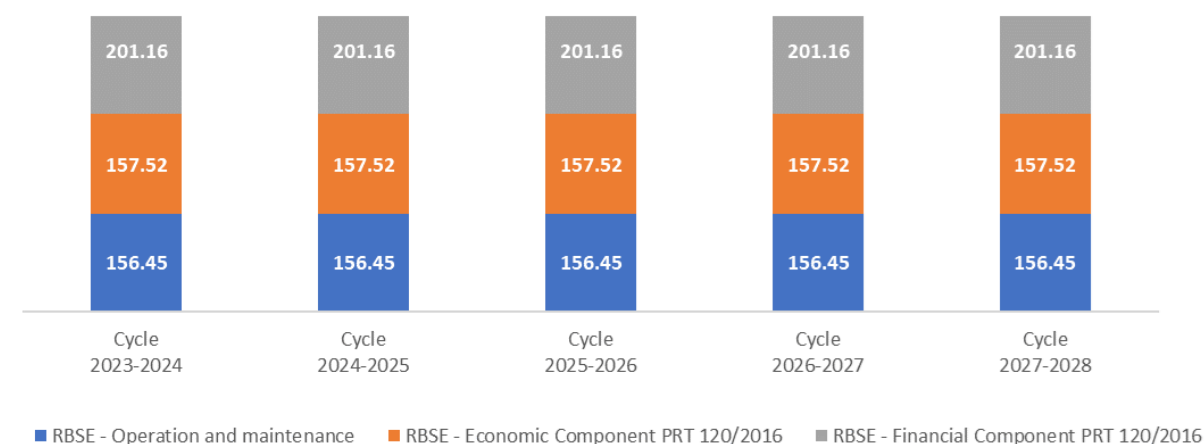


3.3 Transmission

Copel has more than 9.6 thousand km of transmission lines in eight Brazilian states, considering its own assets and in partnership with other companies. In addition to building, maintaining and operating an extensive own energy transmission grid, Copel provides services to projects of other concessionaires with the quality of someone who has accumulated more than 60 years of experience in the sector. The Transmission projects are listed in Exhibit IV, including the projects of Copel Geração e Transmissão, SPCs Costa Oeste, Marumbi and Uirapuru Transmissora (100% Copel GeT), as well as the 7 SPCs in which Copel GeT has a stake.

3.3.1 RBSE Reprofiting

The Concession Agreement 060/2001 represents 42.3% of the annual permitted revenue (APR) of Copel GET's transmission business, also considering its affiliates. Below, we describe the flow of receipt of the portion of revenue referring to the Basic Grid - Existing System (RBSE) for the next cycles. It is important to note that this flow may change in the future, as a result of the tariff review processes and/or review of parameters used to compose these revenues by the regulatory agent. The values referring to O&M from the 2023-2024 cycle were readjusted by the IPCA.



Note:
 Economic component: future values based on the 2023-2024 cycle (according to REH 3.216/2023 of 06/30/2023)
 Financial component: values published in REH 2847/21. Subject to review during the current cycle in view of the controversy in the methodology used to calculate these values by the regulatory agency.
 RAP values up to the 2023-2024 cycle taken from the REH of each cycle, with reference to the cycle price (June of the year of publication)
 RAP values include RB and DIT assets

4. Copel Distribuição

4.1 Financial Performance

EBITDA in 4Q23 reached R\$599.1 million, growth of 35.6%, due to (i) the 8.0% growth in the billed grid market, mainly due to the high average temperature in the fourth quarter of 2023 (see item 4.2.1); (ii) the tariff adjustment of June 2023, with an average increase of 6.32% in the Tariffs for the Use of the Distribution System (TUSD); and (iii) the increase of 41.6% (+R\$43.2 million) in other operating revenues, mainly referring to leases and rentals of equipment and structures and sharing of poles, including fines. In the fourth quarter there were no non-recurring items for adjustment. In the year to date, excluding the non-recurring effects listed below, adjusted EBITDA increased by 24.5%.

| R\$ million | | | | | | |
|--|--------------|--------------|-------------|----------------|----------------|-------------|
| Adjusted EBITDA | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| EBITDA | 599.1 | 441.9 | 35.6 | 1,623.9 | 938.8 | 73.0 |
| (-/+) Tariff flag over GD | - | - | - | - | (43.4) | - |
| (-/+) Effects of the PIS/Cofins Provision | - | - | - | - | (38.7) | - |
| (-/+) Indemnity of additional third of vacation bonus | - | - | - | 90.7 | - | - |
| (-/+) Provision for allocation of PIS/Cofins Credits | - | - | - | - | 810.6 | - |
| (-/+) Provision/Reversal for indemnification for PDV | - | - | - | 397.3 | (4.2) | - |
| (-/+) Adherence to the Tax Installment Program - REFIS/PR | - | - | - | - | 33.3 | - |
| Adjusted EBITDA | 599.1 | 441.9 | 35.6 | 2,111.9 | 1,696.4 | 24.5 |

Manageable costs, excluding provisions and reversals, increased by 17.8% compared to 4Q22, mainly as a result of: (i) the 24.3% increase in expenses with personnel and management, due to the provision of R\$24,6 million for profit sharing (PLR) and performance bonus (PPD) in 4Q23, compared to the reversal of R\$17.4 million in PLR in 4Q22, and (ii) the increase of 23.2% (+R\$ 33.2 million) with third-party services, mainly caused by higher expenses with maintenance of the electrical system, especially the increase in expenses with emergency situations, due to a higher incidence of storms; partially offset by the 14.0% reduction in other operating costs and expenses, mainly related to the recovery of expenses due to a court decision in favor of Copel DIS on the non-enforceability of the Inspection Fee for the Use or Occupation of the Highway Right-of-Way – TFDE/DER and refund of amounts paid in 2013, in the amount of R\$ 24.8 million.

| R\$'000 | | | | | | |
|--------------------------------------|----------------|----------------|-------------|------------------|------------------|-------------|
| Manageable Costs | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Personnel and management | 191,156 | 153,742 | 24.3 | 1,174,906 | 599,121 | 96.1 |
| Private pension and healthcare plans | 42,400 | 42,215 | 0.4 | 167,533 | 169,493 | (1.2) |
| Materials | 25,544 | 21,243 | 20.2 | 74,501 | 71,302 | 4.5 |
| Third party services | 176,368 | 143,126 | 23.2 | 643,999 | 505,407 | 27.4 |
| Other operating costs and expenses | 29,730 | 34,577 | (14.0) | 175,230 | 185,361 | (5.5) |
| TOTAL | 465,196 | 394,903 | 17.8 | 2,236,168 | 1,530,683 | 46.1 |

The personnel and management account, excluding the effects of the provision of PDV, PPD and PLR, recorded a reduction of 2.7%, mainly due to the reduction of 54 employees, despite the effects of ACT 2022/2024 with bonus salary (+R\$ 12.8 million) in 4Q23 and salary adjustments of 7.19% in January 2023 and 4.51% in October 2023 of the current year. Considering the accumulated inflation measured by the National Consumer Price Index – INPC, of 3.71% between 4Q22 and 4Q23, the personnel and management cost line recorded a reduction in real terms of 6.2%.

| R\$'000 | | | | | | |
|---|----------------|----------------|--------------|----------------|----------------|--------------|
| Personnel and Management | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Personnel and management | 191,156 | 153,742 | 24.3 | 1,174,906 | 599,121 | 96.1 |
| (-/+) Indemnity for additional third of vacation bonus | - | - | - | (90,692) | - | - |
| (-/+) Profit sharing PLR and PPD | (24,634) | 17,421 | (241.4) | (114,815) | (28,076) | 308.9 |
| (-/+) Provision/Reversal for indemnification for PDV | - | - | - | (397,253) | 4,199 | - |
| TOTAL | 166,522 | 171,164 | (2.7) | 572,146 | 575,244 | (0.5) |

The following table presents the main indicators of Copel Distribuição:

| R\$ million | | | | | | |
|--|-----------|-----------|--------|------------|------------|------|
| Main Indicators | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Net Operating Revenue (R\$ million) | 4,016.2 | 3,587.4 | 12.0 | 15,085.7 | 13,903.3 | 8.5 |
| Operating Costs and Expenses (R\$ million) | (3,552.8) | (3,265.1) | 8.8 | (13,983.1) | (13,418.8) | 4.2 |
| Operating Income (R\$ million) | 319.2 | 259.8 | 22.9 | 627.5 | (685.2) | - |
| Net Income (R\$ million) | 263.3 | 324.3 | (18.8) | 569.1 | (229.8) | - |
| EBITDA (R\$ million) | 599.1 | 441.9 | 35.6 | 1,623.9 | 938.8 | 73.0 |
| Operating Margin | 7.9% | 7.2% | 9.8 | 4.2% | - | - |
| Net Margin | 6.6% | 9.0% | (27.5) | 3.8% | - | - |
| EBITDA Margin | 14.9% | 12.3% | 21.1 | 10.8% | 0.1 | 59.4 |
| Investment Program (R\$ million) | 541.7 | 484.1 | 11.9 | 1,966.5 | 1,848.1 | 6.4 |

In 4Q23, we also highlight:

- (i) the 34.2% growth in revenue from Use of the main distribution grid, mainly due to the 8.0% growth in the billed grid market, which considers offset energy from Mini and Micro Distributed Generation – MMGD, and the tariff adjustment of June 2023, with an average effect of an

increase of 6.32% in the Tariffs for the Use of the Distribution System (TUSD). Also contributing to this growth was the reduction of R\$24.1 million in the Energy Development Account – CDE, a reducing account for the item, which constitutes a sectoral liability in the CVA to maintain the neutrality of charges for the distributor;

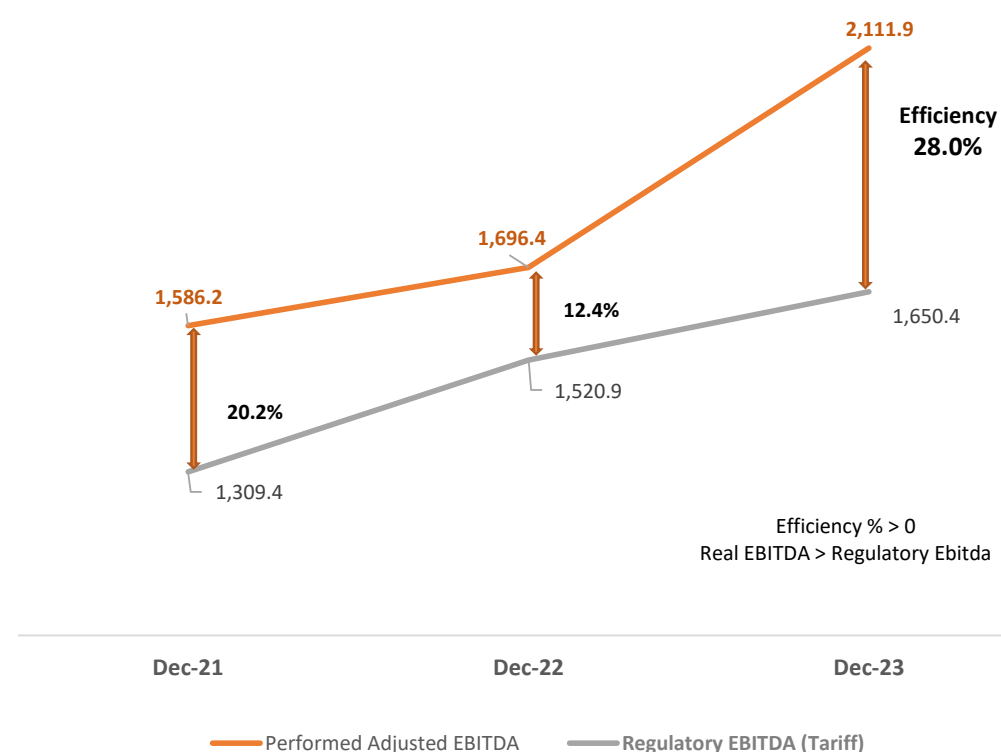
- (ii) the 33.6% increase in electricity sales to final customers revenue, due to the +9.0% variation in the captive market billed in the quarter, valued by the average effect of a 17.4% increase in the Energy Tariff (TE) component in the 2023 tariff adjustment;
- (iii) the 61.6% reduction in revenue from electricity sales to distributors, due to lower revenue from energy settlement in the CCEE Spot Market and revenue from MVE contracts;
- (iv) the 80.5% reduction in the sectorial assets and liabilities result, mainly due to lower energy costs in the period;
- (v) the 28.4% increase in costs with charges of main transmission grid, due to higher expenses with: charges for the use of the Basic Grid (+R\$ 102.4 million), given the readjustment of the APR, power transport from Itaipu (+R\$34.3 million), given the increase in the tariff, and System Services Charges – ESS (+R\$37.3 million), given the considerable increase in load which, despite the storage of ten /2023 being better than Dec/2022, required an additional thermal dispatch for the electrical safety of the system; and
- (vi) the 22.1% reduction in provisions and reversals, due to the reversal of provisions for labor, tax, civil and administrative disputes, partially offset by the 42.5% increase in the provision for doubtful debts, due to the reduction in invoice recovery, of R\$17.1 million in 4Q23 versus R\$32.9 million in 4Q22, as a result of the resumption of collection actions by distributors, interrupted due to the Covid-19 epidemic, and (b) to the constitution of PCLD of R\$33.1 million in 4Q23 compared to R\$1.2 million in 4Q22.

Copel Distribuição's net income was R\$263.3 million in 4Q23 compared to R\$324.3 million in 4Q22. In the year, net income was R\$569.1 million, result of the better operational performance of Copel Distribuição, highlighted previously, and higher than the accumulated loss in 2022 of R\$229.8 million, due to the provision for allocation of PIS and Cofins credits and its update.

4.1.1 Regulatory Efficiency

Copel Distribuição recorded an adjusted EBITDA of R\$2,111.9 million in the last 12 months, equivalent to an efficiency of R\$461.5 million, 28.0% above regulatory EBITDA.

Adjusted EBITDA Efficiency of the last 12 months
R\$ mm



Note: Regulatory EBITDA is calculated based on the WACC + QRR values published in ANEEL's Technical Notes in Tariff Revision or Adjustment events.

| Item | Dec-21 | Dec-22 | Dec-23 |
|--|----------------|---------------|----------------|
| Reported EBITDA (LTM) | 1,573.6 | 938.8 | 1,623.9 |
| (-/+) Provision/Reversal for indemnification for PDV | 63.0 | (4.2) | 397.3 |
| (-/+) PLR over GSF | 49.3 | - | - |
| (-/+) PLR /PPD over lawsuit PIS/Cofins | - | (38.7) | - |
| (-/+) Provision for allocation of PIS/Cofins credits | - | 810.6 | - |
| (-/+) Overcontracting | (71.8) | - | - |
| (-/+) Headquarters sale | (27.9) | - | - |
| (-/+) Indemnity for additional third of vacation bonus | - | - | 90.7 |
| (-/+) Tariff flag account on MMGD | - | (43.4) | - |
| (-/+) Adherence to the Tax Installment Program - REFIS/PI | - | 33.3 | - |
| Adjusted EBITDA (LTM) | 1586.2 | 1696.4 | 2111.9 |

4.2 Operational Performance

4.2.1 Grid Market (TUSD)

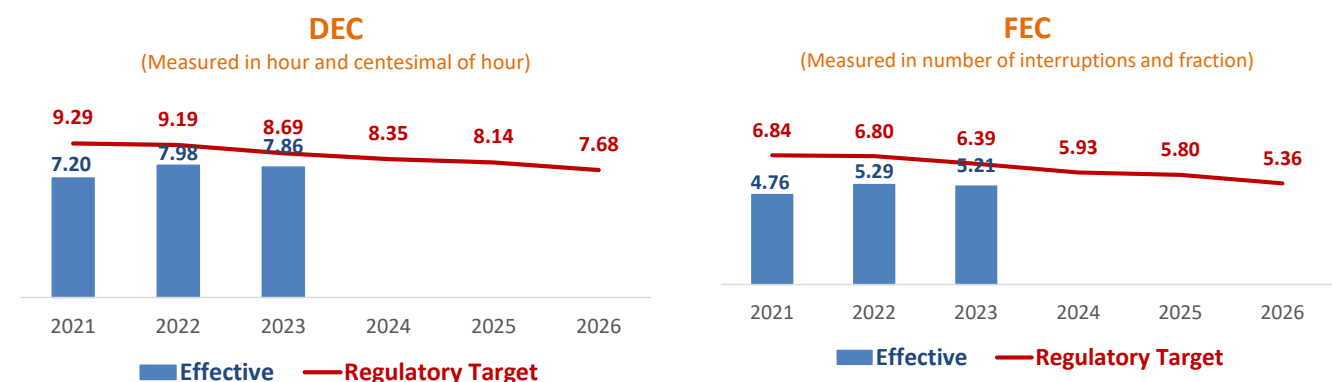
Copel Distribuição's grid market, made up of the captive market, supply to concessionaires and licensees within the State of Paraná and all the free customers existing in its concession area, had a 10.0% increase in electricity consumption in the 4Q23 compared to the same period of the previous year and 4.0% year-to-date, mainly due to the high average temperature in the fourth quarter of 2023. The billed grid market, which considers offset energy from Distributed Mini and Micro Generation – MMGD, increased 8.0% in the quarter and dropped 1.9% in the year, considering the Availability Cost.

4.2.2 Captive Market

The captive market showed an increase of 12.1% in electricity consumption in the fourth quarter of 2023 and 4.1% for the year. The billed captive market, which considers MMGD offset energy, increased by 9.0% in the fourth quarter of 2023 and 0.5% in the year.

4.2.3 Concession Agreement

In December 2015, the Company signed the fifth amendment to the Public Service Concession Agreement for Electricity Distribution No. 46/1999 of Copel Distribuição SA, which extends the concession until July 7, 2045. Copel Distribuição complied with the conditioning requirements of economic-financial efficiency and quality for the inspection cycle of the initial 5 years. From the sixth year after the conclusion of the contract, failure to comply with the quality criteria for three consecutive years or the economic-financial management criteria for two consecutive years will result in the opening of the expiry process. For the quality criterion of distribution service provision, ANEEL defined the limits of Equivalent Interruption Duration per Consumer Unit - DEC and Equivalent Interruption Frequency per Consumer Unit - FEC for the years 2021 to 2026. For DEC, the result for the last 12 months calculated in December 2023 was 7.86 hours. For the FEC, the result in the same period was 5.21 interruptions.



The economic-financial management efficiency criterion will be measured by the calculation, each calendar year, according to ANEEL Normative Resolution No. 896/2020, by the following inequation:

$$\frac{\text{Net Debt}}{\text{EBITDA} - \text{RC}} \leq \frac{1}{(1.1 * \text{Selic})}$$

4.2.4 Investment and Operational Data

Transformation Program (Programa Transformação) - a broad investment plan with the objective of modernizing, auto mating and renovating the distribution grid and private communication grid with standardized technologies to service automation equipment. Among the expected benefits are the strengthening of rural grid to reduce disconnections and guarantee support for the growth of agribusiness in the State of Paraná, the reduction of costs with O&M and commercial services and improvement in the control of DEC and FEC indicators. The program is composed of 3 pillar projects to achieve the objectives:

- Paraná Tri-phase: represents the improvement and renewal of rural distribution grid in the Company's concession area, with the implementation of a three-phase grid and creation of redundancy in the main rural branches. By the end of 2023, 15,254 km of grid had been completed.
- Smart Grid: aims to implement a private communication network with standardized technology to service all automation equipment in the distribution grid and advanced metering infrastructure. By the end of 2023, 615,644 smart meters had already been installed. In phase 1 of the program, advances were identified for our operation, with a reduction in man-hours and

kilometers driven, fewer non-technical losses, improvements in quality and reduction in compensation, with estimated benefits of around R\$49 million/ year.

- **Total Reliability:** aims to ensure modernity in the operations of the energy grid based on the following premises: maintain full communication between teams and the availability of equipment on the grid, implement automation in special equipment, maintain the entire municipality of the concession with a substation or special key and expand the grid circuits and Self Healing. By the end of 2023, the project had completed 84.35% of the planned schedule.

Copel Distribuição's Transformation Program covers the construction of approximately 25 thousand km of new grid, 15 thousand new automated points and the implementation of smart grid technology in the state of Paraná.

Compact and Protected Grid – deployment of compact grid predominantly in urban areas with a high degree of afforestation in the vicinity of distribution grid and protected grid exclusively in rural areas. Compact grid avoids cutting and pruning trees and improves the quality of supply, as it reduces the number of disconnections. Protected grid also improves the quality and reliability of the system as it avoids interruptions due to contact with vegetation or other objects and bad weather. At the end of 2023, the length of compact and protected grid installed was 27,851 km, compared to 22,366 km in 2022, an increase of 5,485 km, or 24.52%, in twelve months.

Isolated Secondary Grid- investment in low voltage isolated secondary grid (127/220V), which have significant advantages over the conventional overhead grid, such as: improving DEC and FEC indicators; make energy theft difficult; improve environmental conditions; reduce pruning areas; increase security; reduce voltage drop across the grid; increase the useful life of transformers by reducing the number of short circuits in the grid, among others. At the end of 2023, the length of isolated secondary distribution grid installed was 22,827 km, compared to 21,896 km in 2022, an increase of 931 km, or 4.25%, in twelve months.

Losses - refer to the generated electrical energy that passes through transmission lines and distribution grid, but which is not commercialized, either for technical or commercial reasons. Distribution losses can be defined as the difference between the electricity purchased by distributors and that billed to their consumers, being classified as technical and non-technical. Technical Losses

are inherent to the electrical energy distribution activity and occur due to its dissipation during the transport process, voltage transformation and measurement due to the laws of physics. Historically, the Company's Technical Losses have maintained percentages close to or below the regulatory target. At the end of 2023, Technical Losses were 2,120 GWh, compared to 2,040 GWh in 2022. Non-Technical Losses, calculated by the difference between total and technical losses, originate mainly from theft (illegal connection, direct grid diversion), fraud (meter tampering or deviations), reading, measurement and billing errors. These losses are largely associated with the concessionaire's management and the socioeconomic characteristics of the concession areas. At the end of September 2023, Non-Technical Losses for the last 12 months were 575 GWh, compared to 614 GWh in the same period of the previous year. In this sense, the Company maintains a Program to Combat Non-Technical Losses that consists of several actions that aim to reduce or maintain the current level of non-technical losses, through the following actions:

- ✓ Improvement of actions to combat irregular procedures, improving the performance of targeted inspections;
- ✓ Investments destined to the availability and/or acquisition of equipment for inspection;
- ✓ Preparation and execution of specific training and recycling related to commercial losses;
- ✓ Carrying out inspections, both at Medium and Low Voltage;
- ✓ Educational notes in the press and messages on the electricity bill.
- ✓ Joint operations with the Civil Police and Public Ministry;
- ✓ Opening of police investigations in regions where significant numbers of irregular procedures were found.

At the end of 2023, Non-Technical Losses in the last 12 months were 742 GWh, compared to 661 GWh in the same period of the previous year.

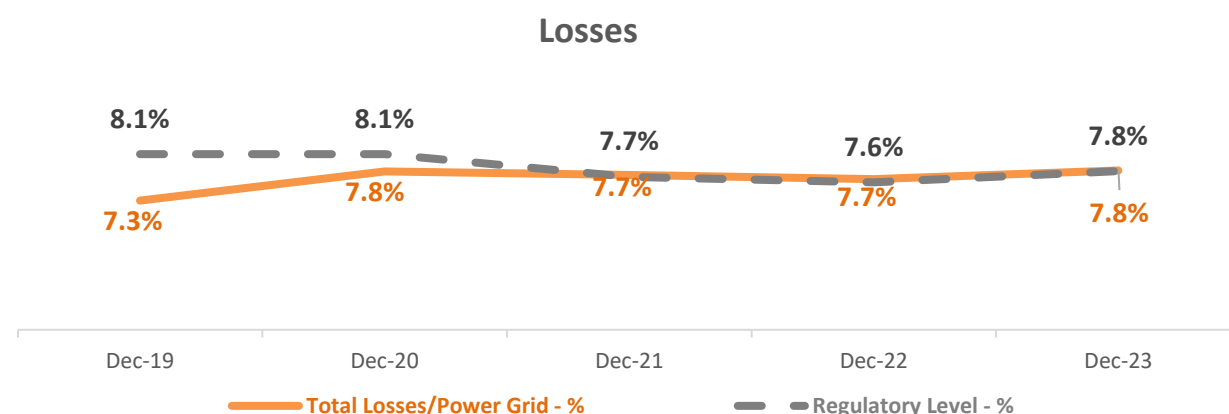
It is worth noting that the targets established for the reasonable tariff for Non-Technical Losses take into account the level of complexity of the distributor's concession area and, according to the Aneel Report on Electricity Losses in Distribution 2023, the complexity index of Copel Distribuição's concession is one of the smallest compared to other dealerships in Brazil.

At the end of 2023, total losses in the last 12 months were 2,862 GWh, compared to 2,701 GWh in the same period of the previous year. In terms of classification, Total Losses were made up of 74.1% Technical Losses and 25.9% Non-Technical Losses.

| GWh - 12 Months | Dec/19 | Dec /20 | Dec /21 | Dec /22 | Dec /23 |
|----------------------|--------|---------|---------|---------|---------|
| Injected Energy | 32,994 | 32,754 | 34,403 | 35,253 | 36,639 |
| Distribution losses | 2,402 | 2,553 | 2,660 | 2,701 | 2,862 |
| Technical losses | 1,995 | 1,981 | 1,991 | 2,040 | 2,120 |
| Non-Technical losses | 407 | 573 | 669 | 661 | 742 |

* The losses reflect the difference between the measured load and the billed market and, with the onset of the Covid-19 Pandemic, the load in 2020 suffered a rapid retraction, but the market did not respond at the same speed, due to the mismatch between the measurement schedule and consumers billing schedule, reducing the volume of losses in this period.

The tariff transfer of the efficient levels of losses is foreseen in the concession contracts and these losses are considered in the costs with the purchase of energy up to the regulatory limit stipulated by ANEEL. Despite the total losses having percentages slightly above the regulatory one, the methodology for regulatory calculation uses the billed market and within this methodology, no loss gosses were calculated for Copel Distribuição in the annual tariff readjustment cycles of 2022 and 2023.



5. Copel Mercado Livre

5.1 Financial Performance

In 4Q23, Copel Mercado Livre presented an adjusted EBITDA of R\$9.7 million, an amount 61.3% lower than the R\$25.2 million recorded in 4Q22, mainly reflecting a lower margin in electricity sales. In 2023, adjusted EBITDA increased by 24.7%, mainly as a result of the higher annual margin in electricity sales, resulting from purchase contracts signed in previous years, reaching R\$112.6 million compared to R\$90.3 million from the same period of the previous year.

| R\$ million | | | | | | |
|---|-------------|-------------|---------------|--------------|--------------|---------------|
| Adjusted EBITDA | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| EBITDA | 21.1 | 62.1 | (66.0) | 110.6 | 124.0 | (10.8) |
| (-/+ Fair value in the purchase and sales of energy | (11.4) | (36.9) | (69.1) | (5.0) | (32.7) | (84.6) |
| (-/+ Provision/Reversal for indemnification for PDV | - | - | - | 5.4 | (0.3) | - |
| (-/+ Reflections of the PIS/Cofins Provision | - | - | - | - | (0.7) | - |
| (-/+ Indemnity for additional third of vacation bonus | - | - | - | 1.6 | - | - |
| Adjusted EBITDA | 9.7 | 25.2 | (61.3) | 112.6 | 90.3 | 24.7 |

In the quarter, the adjustment in the periods was the fair value of the electricity purchase and sale contracts (mark to market) - amount determined by the difference between the contracted price and the future market price estimated by the Company - a result, mainly, of carrying out contracts that left the base and the increased sensitivity of default given by the credit risk rate. In 2023, the adjustments were the mark-to-market, the provision of compensation for PDV, recorded in the third quarter, and the compensation for the bonus for the additional third of vacation that occurred in the first quarter.

Manageable costs increased by 37.2% in 4Q23 (+1.9 million), mainly impacted by the increase in insurance expenses (+R\$0.6 million) and projects to support social development and sport through tax incentives (+R\$ 1.2 million), which have no impact on the result and still contribute to the brand's exposure and positioning strategy.

| R\$'000 | | | | | | |
|--------------------------------------|--------------|--------------|-------------|---------------|---------------|-------------|
| Manageable Costs | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Personnel and management | 3,670 | 3,471 | 5.7 | 21,133 | 12,712 | 66.2 |
| Private pension and healthcare plans | 454 | 458 | (1.0) | 1,877 | 1,787 | 5.0 |
| Material | 17 | 17 | - | 77 | 53 | 44.5 |
| Third-party services | 503 | 479 | 5.0 | 3,389 | 2,665 | 27.2 |
| Other costs and expenses operating | 3,251 | 1,326 | 145.1 | 7,396 | 4,989 | 48.3 |
| TOTAL | 7,894 | 5,752 | 37.2 | 33,873 | 22,206 | 52.5 |

The personnel and management account, excluding the PLR and PPD effects, recorded a 13.5% reduction in 4Q23, mainly due to the 12.8% reduction in the number of employees, despite the effects of ACT 2022/2024 with salary bonus (+R\$ 0.2 million) in 4Q23 and salary adjustments of 7.19% in January 2023 and 4.51% in October 2023 of the current year. Considering the accumulated inflation measured by the National Consumer Price Index – INPC, of 3.71% between the quarters, the personnel and management cost line registered a reduction in real terms of 17.2%. In the year to date, disregarding the effects of PLR and PPD, compensation for PDV and compensation for the bonus of the additional third of vacation, the personnel and management account reduced by 2.7%.

| R\$'000 | | | | | | |
|--|--------------|--------------|---------------|---------------|---------------|--------------|
| Personnel and Management | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Personnel and management | 3,670 | 3,471 | 5.7 | 21,133 | 12,712 | 66.2 |
| (-/+ Profit sharing PLR and PPD | (501) | 192 | (360.8) | (1,862) | (222) | 738.6 |
| (-/+ Provision/Reversal for indemnification for PDV | - | - | - | (5,397) | 311 | - |
| (-/+ Indemnity of additional third of vacation bonus | - | - | - | (1,419.000) | - | - |
| TOTAL | 3,169 | 3,663 | (13.5) | 12,455 | 12,801 | (2.7) |

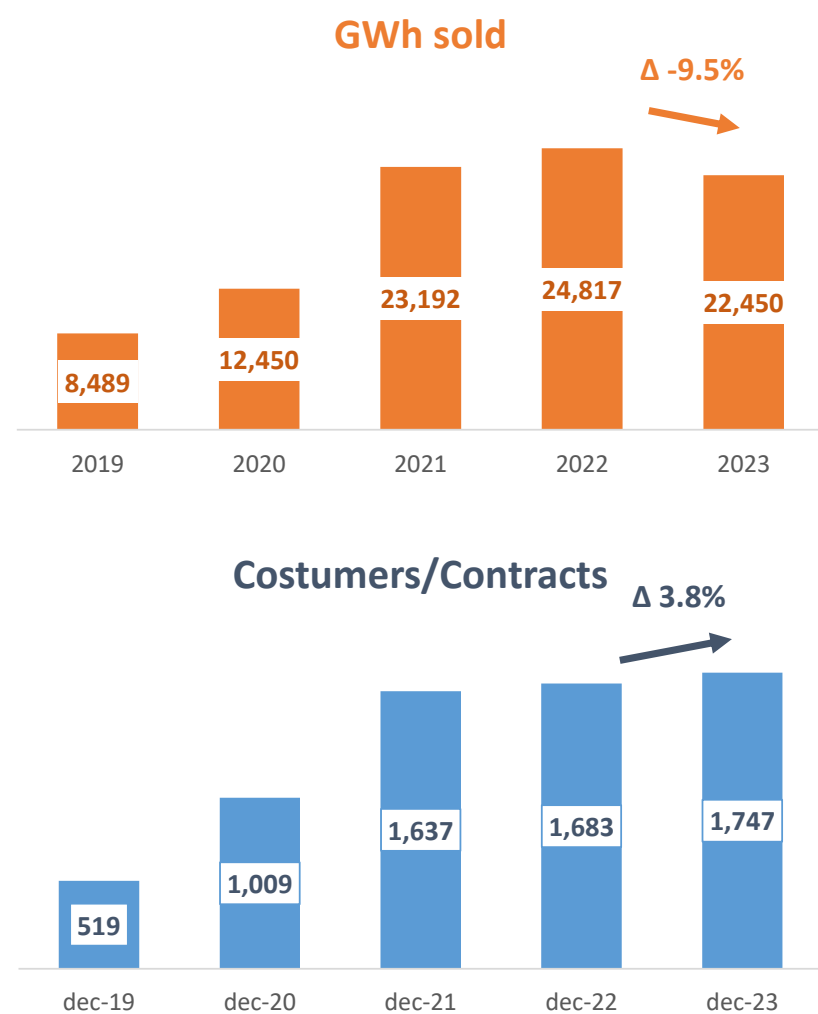
Net income in 4Q23 was R\$24.7 million, 50.5% lower than the R\$49.9 million in 4Q22 as a result of the reduction in the sales margin. In 2023, Copel Mercado Livre's net income was R\$105.6 million compared to R\$108.4 million in 2022.

| R\$ million | | | | | | |
|--|-----------|-----------|--------|-----------|-----------|--------|
| Main Indicators | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Net Operating Revenue (R\$ million) | 1,037.2 | 1,279.3 | (18.9) | 4,056.9 | 4,938.4 | (17.8) |
| Operating Costs and Expenses (R\$ million) | (1,016.5) | (1,217.4) | (16.5) | (3,948.3) | (4,814.7) | (18.0) |
| Operating Income (R\$ million) | 30.8 | 71.1 | (56.6) | 146.5 | 156.0 | (6.1) |
| Net Income (R\$ million) | 24.7 | 49.9 | (50.5) | 105.6 | 108.4 | (2.6) |
| EBITDA (R\$ million) | 21.1 | 62.1 | (66.0) | 110.6 | 124.0 | (10.8) |
| Operating Margin | 3.0% | 5.6% | - | 3.6% | 3.2% | 14.3 |
| Net Margin | 2.4% | 3.9% | - | 2.6% | 2.2% | 18.6 |
| EBITDA Margin | 2.0% | 4.9% | - | 2.7% | 2.5% | 8.6 |
| Investment Program (R\$ million) | 0.4 | 0.6 | (33.3) | 1.6 | 2.6 | (38.5) |

5.2 Operational Performance

Copel was a pioneer in creating an energy trader and the first to sell energy to free consumers, when this category was created in the country, in 1995. Copel Mercado Livre, created in 2016, is already the largest in the country in terms of energy volume marketed in the free contracting environment, offering more savings and peace of mind for customers from all regions of Brazil.

For a long time known as Copel Energia, Copel Mercado Livre is responsible for trading energy and providing services in the ACL. In December 2023, the Company registered 1,747 customers/contracts, an increase of 3.8% compared to the same period of the previous year. The amount of energy sold reached 22,450 GWh in 2023, a reduction of 9.5% compared to 2022. The graph below shows the evolution of Copel Mercado Livre in terms of the amount of GWh sold and number of final consumers.



6. ESG Performance

6.1 Copel pioneers in ESG in the sector

Copel was the first company in the industry to produce an Environmental Impact Report for a generation project, and the first energy company in Brazil to become a signatory of the UN Global Compact in 2000. The Company promotes actions to disseminate the UN's Agenda 2030 and implement the SDGs of the electricity sector. In 2020/2021, Copel participated in the Global Compact Program "SDG Ambition". Copel joined the "Pact on Water and Energy Resilience" Commitment and received the Federal Government's Pro Gender and Race Equality Seal. The Company received the Pró-Ética Seal, 2018-2019 and 2020-2021 editions, granted by the Brazilian Comptroller General (CGU) and Instituto ETHOS, for the voluntary adoption of integrity measures, for public recognition of the commitment to implement measures aimed at prevention, detection, and remediation of acts of corruption and fraud.

6.2 Recent Highlights

- Copel achieved an A- (A minus) rating from the CDP Disclosure Insight Action, previously known as the Carbon Disclosure Project, reinforcing its commitment to the ESG theme.
- For the 18th time, Copel is in the ISE B3 portfolio – Corporate Sustainability Index.
- Copel signed the Share Purchase and Sale agreement relating to its shareholding in UEG Araucária S.A. ("UEGA"), in line with the decarbonization process of the generation matrix and adhering to Copel's Business Strategic Planning – Vision 2030, strengthening the pillars for the longevity and sustainable growth of businesses.
- Copel concluded its 2023 materiality process, where 10 material themes were defined, namely: Corporate Governance; Economic-financial performance; Customer satisfaction; Environmental commitment; Social Commitment; People management; Well-being, health and safety for the workforce; Transformation of the energy sector; Public safety; Sustainable Supplier

Management. For the first time, the Company also carried out double materiality, i.e., it worked on ESG and financial analysis together, strengthening its corporate strategy.

- The transformation of Copel into a Corporation led to the review of several Corporate Policies, Regulations and Bylaws, keeping the Company's Governance aligned with the best market practices.
- The Company participated for the second consecutive year as a partner in "Empoderando Refugiadas" in Curitiba, a UN Women project that aims to increase the employability of migrant women. Copel works on the project mainly through corporate volunteering.

Environmental

- It has a Copel 2030 Neutrality Plan, approved by the Board of Directors: focusing on science-based goals (SBTi), with the purpose of neutralizing the Emission of Greenhouse Effect Gases (GHG) of Scope 1, for the assets that Copel owns operational control (according to the concept established in the GHG Protocol methodology) by 2030.
- Net Zero Ambition Movement – Copel joined the Net Zero Ambition Movement. The movement is part of the strategies developed by the Global Compact so that large companies together can promote actions that result in the reduction of 2Gton CO2e by 2030.
- Has corporate policies on Climate Change, Environmental, and Biodiversity.
- Integrates the Brazilian Business Commitment to Biodiversity with the Brazilian Business Council for Sustainable Development (CEBDS).

Social

- Actions and Programs – Solidary Selective Collection; Grow Energy Program; Electricity Citizenship; Good Neighborhood Program; Diversity Commission; Human Rights; EducaODS; Illuminating Generations; More than Energy, among others.
- Has corporate policies on Human Rights, Engagement with Stakeholders, Private Social Investment, People Management, Occupational Health and Safety, among others.

Governance

- It has Statutory Advisory Committees to the Board of Directors: Statutory Audit Committee - CAE; Statutory Sustainable Development Committee -CDS, Investment and Innovation Committee -CII and Minority Shareholders Committee –CDM.
- The Board of Directors is made up mostly of independent members;
- The Statutory Audit Committee -CAE is made up of independent members, one of whom is an external member.
- Establishment of variable remuneration with ESG targets –2022: 30% of PPD.
- Listed under B3 Governance Level 2.
- On 08/11/2023, Copel was transformed into a Corporation. As a result, the company became a company with dispersed capital and no controlling shareholder.

Priority SDG of the Brazilian Electricity Sector



6.3 Indicators

The indicators may change due to the assurance of the independent external audit.

In relation to the scope 1 GHG indicator (tCO₂), the increase recorded is due to the return of commercial operation at UTE Figueira, on 12/07/2022, by ANEEL Order no. 2502/2022, with generation until September 2023. Online With the plan to have a 100% clean generation matrix, in October 2023 the Company filed a letter with the Ministry of Mines and Energy - MME requesting the withdrawal of the intention to extend the TPP Figueira concession. In February 2024, Aneel decided to suspend commercial operations, and the plant will be hibernated. More details in "Other highlights".

| Environmental Indicator | Carried | | | |
|---|-----------|-----------|-----------|--------|
| | 2021 | 2022 | 2023* | Δ% |
| Renewable sources (% Installed capacity) | 93.8 | 93.8 | 94.1 | 0.3 |
| Renewable sources (% Energy generated) | 91.2 | 99.2 | 99.9 | 0.7 |
| GHG Emission scope 1 (tCO ₂) ¹ | 15,377.7 | 50,834.4 | 81,676.3 | 60.7 |
| GHG Emission scope 2 (tCO ₂) ² | 451,356.9 | 163,700.8 | 145,906.4 | (10.9) |

¹Scope 1 refers to direct greenhouse gas emissions from Copel's operations (fleet, soil change, and fugitive emissions) - Data is in the third-party verification phase, and was calculated using the Brazilian program 2023 tool - GHG Protocol, since the 2024 tool was not released.

²Scope 2 refers to indirect greenhouse gas emissions from Copel's operations (consumption and energy loss) - 2023 inventory in the preparation phase

* The information regarding the 2023 indicators may change due to the ongoing independent external audit.

| Social Indicator | Carried | | | |
|--|---------|------|-------|--------|
| | 2021 | 2022 | 2023* | Δ% |
| Women at Copel (% Copel employees) | 22.2 | 21.6 | 21.7 | 0.4 |
| Women at Copel (% Contractors) | 10.5 | 12.6 | 11.7 | (7.2) |
| Frequency of occupational accidents - TF (% Company employees) | 1.8 | 1.8 | 1.4 | (22.2) |
| Frequency of occupational accidents - TF (% Contractors) | 7.4 | 6.6 | 4.9 | (25.6) |

TFIFR: Frequency rate of occupational accidents with leave of absence. This rate (occurrences per one million hours/men) represents exposure to risk, number of contractors involved in accidents with leave of absence or fatalities in the period considered.




ABNT – NBR 14280: 2001

*The information regarding the 2023 indicators may change due to the ongoing independent external audit.

| Governance Indicator | Carried | | | |
|---|---------|------|-------|-------|
| | 2021 | 2022 | 2023* | Δ% |
| Women in leadership positions (%) | 22.8 | 23.0 | 21.8 | (5.2) |
| Women in the Board of Directors (%) | 11.1 | 11.1 | 11.1 | - |
| Independent Board Members (%) | 77.8 | 88.8 | 88.8 | - |
| Reports solved through the Whistleblowing Channel (%) | 95.2 | 81.8 | 82.7 | 1.1 |

* The information regarding the 2023 indicators may change due to the ongoing independent external audit.

6.4 Ratings, Rankings, and Indexes

| Index | Ranking | Reference Year: |
|--|---------------|-----------------|
| ISEB3 | 15th position | 2023 |
| S&P Global | CSA Score 70 | 2023 |
|  CDP DISCLOSURE INSIGHT ACTION | A- | 2023 |
| ICO2 B3 | yes | 2023 |
|  SUSTAINALYTICS a Morningstar company | Medium Risk | 2023 |
| MSCI  | A | 2023 |

7. Other highlights

Available Cash Flow and Dividends

The Available Cash Flow is defined in the Dividend Policy as: FCD = Cash generated by Operating activities, deducted from the net cash used by investing activities, as follows: (a) Cash generated by Operating Activities: cash generated by operating activities in the fiscal year, before taxes, contributions (IRCS) and financial charges; (b) Net cash used by Investing activities: amount invested in noncurrent assets in the fiscal year. The Table below shows the calculation of FCD as of December 31, 2023:

| | R\$'000 |
|---|--------------------|
| | 12.31.2023 |
| CASH FLOW FROM OPERATIONAL ACTIVITIES | |
| CASH GENERATED BY OPERATING ACTIVITIES | 5.360.703 |
| CASH FLOW FROM INVESTMENT ACTIVITIES | |
| FROM CONTINUING OPERATIONS | (3,099,567) |
| FROM DISCONTINUED OPERATIONS | (35,524) |
| NET CASH USED FROM INVESTMENT ACTIVITIES | (3,135,091) |
| AVAILABLE CASH FLOW "FCD" | 2,225,612 |

In line with the dividend policy, considering the above DCF and the level of leverage, the Company proposed the total payment of R\$1,089.2 million in dividends for the 2023 financial year, of which R\$958.0 million in the form of Interest on Equity (JCP) and R\$131.2 million in the form of dividends. The Company has already paid R\$456.9 million on November 30, 2023, and the remaining R\$632.3 million will be paid by June 30, 2024, after deliberation at the Ordinary General Meeting – AGM on 22/04 /2024.

Copel Day 2023 – True Corporation

The Company held Investor Day at its headquarters in Curitiba-PR, on November 22, 2023, and was attended in person by more than 40 analysts, investors and interested parties and more than 400 spectators who watched the live broadcast. The event discussed, among other topics, PMSO planning

+ Contingency Provision, Investment in Reinforcement and Improvement in Transmission Lines and the Regulatory Remuneration Base. For more information, access the event broadcast and presentation available on our website.

Divestment in UEGA: signing of Share Purchase and Sale Agreement (CCVA)

On December 14, 2023, Copel and Copel GeT signed a CCVA contract for the 81.2% equity interest in TPP Araucária with Âmbar Energia S.A. The signing of the CCVA derives from the acceptance of the binding proposal received by the Company in the value of its participation corporate value ("Enterprise Value") of R\$320.7 million, on the base date of September 30, 2023, with the "Equity Value" being R\$290.7 million, considering a net debt of R\$30.0 million on the same base date. For more information, visit [here](#).

On February 23, 2024, Petróleo Brasileiro S.A. – Petrobras adhered to the terms and conditions of the CCVA for the sale of 18.8% of its stake, representing the divestment of the entire plant.

Copel becomes part of the MSCI Brazil index

Since December 1, 2023, class B preferred shares (CPL6) have been included in the Morgan Stanley Capital Index (MSCI) seal. As a result, the shares were heavily traded with index-based funds. MSCI indices are a global reference for institutional investors who use them as a reference to compose the investment portfolio of passive funds around the world. According to MSCI, currently around US\$14.9 trillion in assets under investment fund management are managed globally using MSCI indices as a benchmark.

Copel receives the Deal of the Year Award from LatinFinance magazine

On January 25, 2024, the Company received the Subnational Deal of the Year award from LatinFinance magazine, in recognition of the process of transforming COPEL into a corporation with dispersed capital and without a controlling shareholder, which took place in 2023. This achievement reflects the commitment, efficiency and effectiveness of the entire Company in the set of actions for the successful execution of the Public Offering of Shares process.

For more information, visit [here](#).

Closing of the Unit Program

On December 26, 2023, the program was discontinued upon approval at the 209th EGM of December 18, 2023 and resulted in the cancellation of the share deposit certificates (“Units”) (CPLE11) and the consequent delivery of the 5 (five) shares of issued by the Company underlying each Unit in 1 (one) common share (CPLE3) and 4 (four) class “B” preferred shares (CPLE6), preserving the same rights, advantages and restrictions of these shares for the holders of the Units.

For more information, click [here](#).

TPP Figueira: SFT/ANEEL Order - No. 561/2024

On February 23, 2024, Aneel's Technical Inspection Superintendence (SFT), through Order No. 561/2024, authorized the suspension of the commercial operation of the generating unit – UG1 of TPP Figueira. Copel has also formalized with the granting authority the withdrawal of the request to extend the concession of the asset and is awaiting a response from the Ministry of Mines and Energy. The thermoelectric plant with 20 MW of installed power, powered by mineral coal, does not have current energy supply contracts. This claim is another stage in Copel's strategic plan to decarbonize its energy generation portfolio.

Copel remains in ISE B3

The Company will continue to be part of the B3 – Brasil, Bolsa, Balcão Corporate Sustainability Index (ISE) portfolio in 2024. The ISE portfolio evaluation process is organized into 5 dimensions (environment, corporate governance and senior management, human capital, social capital and business model and innovation), and a sixth dimension, referring to climate change, assessed using the CDP-Climate Change score (index produced by the international organization Carbon Disclosure Project, used to evaluate companies in relation to issues relating to climate change). The ISE is a comparative analysis tool and reflects the return of a portfolio made up of shares from companies with the best performance in ESG (Environmental, Social and Governance) aspects, being a reference for the Company's strategy, providing longevity and sustainability to its businesses.

Copel advanced to A- CDP score

The Company achieved an A- rating from the CDP Disclosure Insight Action, formerly known as the Carbon Disclosure Project. The Company has responded to the CDP since 2010 and in recent years has maintained a B score, increasing its score in the Climate Change program in 2023 to A-. CDP is a global organization that manages the main environmental disclosure platform for strategic climate change management initiatives. With strategic guidelines adhering to ESG precepts, Copel's evolution reflects practices developed such as inventory history, approval of the carbon neutrality plan, investment in a more renewable company, carrying out risk analyzes and development of planning strategic and financial strategies that consider climate change and its articulation with interested parties.

Copel closes 2023 with delivery of 30 transmission and distribution works

During 2023, Copel carried out around 30 works including construction or expansion of substations, transmission and energy distribution lines in Paraná. The projects are part of the company's investment plan in recent years and total R\$428 million in improvements. The majority, R\$379 million, was invested by the company in 27 works that modernize and reinforce the energy distribution infrastructure. Another R\$49 million was allocated to the modernization of three transmission grid projects.

Creation of the Regulatory Assistance Office

Aiming to align with the best market practices, have integrated policies with better control of results, optimize leadership functions and strengthen them for continuous value generation, the Company defined and the Board of Directors (“CAD”) approved the new organizational structure of Copel Holding with the creation of the Regulatory Assistance Office linked directly to the Presidency, contemplating an exclusive structure for even more strategic action in the regulatory sphere with a view to creating value for the Company. Since January 02, 2024, the new officer is engineer Fernando Antônio Gruppelli Junior. Graduated in Electrical Engineering from the Federal Technological University of Paraná (UTFPR), the new director has a master's degree in electrical engineering and industrial information technology from the same institution, an MBA in management from Fundação

Dom Cabral, and an MBA in finance, controllership and compliance from Fundação Getúlio Vargas. A career employee since 1997, Director Fernando Gruppelli has worked in the areas of planning, underground networks, research and development, projects and works and management. He has held management positions since 2007 and for the last six years was superintendent of Asset Management and Distribution Finance.

New Officer of Copel Mercado Livre

On December 01, 2023, electrical engineer Kleberson Luiz da Silva is the new general director of Copel Mercado Livre. Working at the Company since 2010, Kleberson was in charge of several areas of energy commercialization in the company and, more recently, the superintendencies of energy commercialization at GeT. He was at Copel Mercado Livre in the Energy Market and Planning department. Graduated in Electrical Engineering with a Master's degree in Technology Development from Lactec, he is a member of the Board of Directors of Simepar and the Supervisory Board of the Electricity Trading Chamber-CCEE. He has been a career employee of Copel since 2010, working as an Electrical Engineer and holding management positions in various areas of commercialization and generation and transmission.

Disclaimer

The information contained in this press release may contain forward-looking statements that reflect management's current view and estimates of future economic circumstances, industry conditions, company performance, and financial results. Any statements, expectations, capabilities, plans and assumptions contained in this press release that do not describe historical facts such as statements regarding the declaration or payment of dividends, the direction of future operations, the implementation of relevant operating and financial strategies, the investment program, factors or trends affecting the Company's financial condition, liquidity or results of operations are forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995 and involve a number of risks and uncertainties. There is no guarantee that these results will actually occur. The statements are based on many assumptions and factors, including general economic and market conditions, industry conditions and operating factors. Any changes in such assumptions or factors could cause actual results to differ materially from current expectations.

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RESULTS
4Q23

List of Exhibit



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Exhibit I - CONSOLIDATED RESULTS > INCOME STATEMENT

R\$ '000

| Income Statement | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
|--|--------------------|--------------------|----------------|---------------------|---------------------|---------------|
| OPERATING REVENUES | 5,567,698 | 5,264,780 | 5.8 | 21,479,468 | 20,535,341 | 4.6 |
| Electricity sales to final customers | 2,192,491 | 1,763,100 | 24.4 | 7,946,168 | 7,510,037 | 5.8 |
| Electricity sales to distributors | 864,078 | 981,497 | (12.0) | 3,602,788 | 3,814,409 | (5.5) |
| Use of the main distribution and transmission grid | 1,654,202 | 1,296,436 | 27.6 | 6,002,192 | 4,828,841 | 24.3 |
| Construction revenue | 587,660 | 572,340 | 2.7 | 2,333,787 | 2,164,134 | 7.8 |
| Fair value of assets from the indemnity for the concession | 20,269 | 34,124 | (40.6) | 62,167 | 79,169 | (21.5) |
| Result of Sectorial financial assets and liabilities | 91,494 | 467,880 | (80.4) | 971,203 | 1,676,936 | (42.1) |
| Other operating revenues | 157,504 | 149,403 | 5.4 | 561,163 | 461,815 | 21.5 |
| OPERATING COSTS AND EXPENSES | (4,445,091) | (4,765,496) | (6.7) | (18,092,563) | (18,065,146) | 0.2 |
| Electricity purchased for resale | (2,022,064) | (2,072,787) | (2.4) | (7,716,190) | (8,096,910) | (4.7) |
| Charge of the main distribution and transmission grid | (778,222) | (629,269) | 23.7 | (2,896,710) | (2,487,997) | 16.4 |
| Personnel and management | (316,642) | (249,726) | 26.8 | (1,878,332) | (977,904) | 92.1 |
| Pension and healthcare plans | (65,950) | (64,485) | 2.3 | (260,159) | (260,197) | (0.0) |
| Materials and supplies | (37,916) | (26,358) | 43.9 | (102,667) | (90,541) | 13.4 |
| Materials and supplies for power electricity | - | (9,349) | - | (17,654) | (9,349) | 88.8 |
| Third-party services | (267,960) | (209,625) | 27.8 | (996,312) | (754,551) | 32.0 |
| Depreciation and amortization | (354,808) | (318,215) | 11.5 | (1,382,040) | (1,233,097) | 12.1 |
| Provisions and reversals | 112,537 | (490,967) | (122.9) | (92,235) | (717,531) | (87.1) |
| Construction cost | (585,226) | (563,881) | 3.8 | (2,319,720) | (2,137,188) | 8.5 |
| Renegotiation of Hydrological Risk - GSF - HPP Mauá | (26,405) | - | - | - | - | - |
| Other cost and expenses | (102,435) | (130,834) | (21.7) | (430,544) | (489,318) | (12.0) |
| PROVISION FOR ALLOCATION OF PIS AND COFINS | - | - | - | - | (810,563) | - |
| EQUITY IN EARNINGS OF SUBSIDIARIES | 63,134 | 148,462 | (57.5) | 307,809 | 478,577 | (35.7) |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES | 1,185,740 | 647,746 | 83.1 | 3,694,714 | 2,948,772 | 25.3 |
| FINANCIAL RESULTS | (305,701) | (279,746) | 9.3 | (1,204,990) | (2,005,884) | (39.9) |
| Financial income | 272,666 | 232,808 | 17.1 | 1,069,116 | 956,413 | 11.8 |
| Financial expenses | (578,367) | (512,554) | 12.8 | (2,274,106) | (1,950,927) | 16.6 |
| Update of provision for allocation of Pis and Cofins credits | - | - | - | - | (1,011,370) | - |
| OPERATIONAL EXPENSES/ INCOME | 880,039 | 368,000 | 139.1 | 2,489,724 | 942,888 | 164.1 |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT | (260,998) | 366,766 | (171.2) | (354,057) | 281,099 | - |
| Income tax and social contribution on profit | (73,703) | 179,562 | (141.0) | (371,104) | (368,035) | 0.8 |
| Deferred income tax and social contribution on profit | (187,296) | 187,204 | (200.1) | 17,047 | 649,134 | (97.4) |
| NET INCOME continuing operations | 619,041 | 734,766 | (15.7) | 2,135,667 | 1,223,987 | 74.5 |
| NET INCOME discontinued operations | 323,767 | (111,256) | - | 191,501 | (74,666) | - |
| NET INCOME | 942,808 | 623,510 | 51.2 | 2,327,168 | 1,149,321 | 102.5 |
| Attributed to the controlling company's shareholders - continuing operations | 637,261 | 733,224 | (13.1) | 2,158,077 | 1,237,819 | 74.3 |
| Attributed to the controlling company's shareholders - discontinued operations | 241,761 | (111,947) | - | 100,733 | (125,812) | - |
| Attributed to non-controlling shareholders - continuing operations | (5,241) | 3,809 | - | 873 | (207) | - |
| Attributed to non-controlling shareholders - discontinued operations | 69,027 | (1,576) | - | 67,485 | 37,521 | 79.9 |
| EBITDA continued operations | 1,540,548 | 965,961 | 59.5 | 5,076,754 | 4,181,869 | 21.4 |

Exhibit I - CONSOLIDATED RESULTS > BALANCE SHEET

| | R\$'000 | | |
|---|-------------------|-------------------|--------------|
| Assets | Dec-23 | Dec-22 | Δ% |
| CURRENT | 13,715,730 | 9,327,249 | 47.1 |
| Cash and cash equivalents | 5,634,623 | 2,678,457 | 110.4 |
| Bonds and securities | 4,763 | 93 | - |
| Collaterals and escrow accounts | 9 | 157 | (94.3) |
| Customers | 3,761,170 | 3,342,050 | 12.5 |
| Dividends receivable | 95,569 | 138,330 | (30.9) |
| Sectorial financial assets | 15,473 | 190,699 | (91.9) |
| Account receivable related to concession | 9,354 | 8,603 | 8.7 |
| Contract Assets | 284,616 | 220,660 | 29.0 |
| Other current receivables | 949,732 | 897,380 | 5.8 |
| Inventories | 174,726 | 194,850 | (10.3) |
| Income tax and social contribution | 315,218 | 355,065 | (11.2) |
| Other current recoverable taxes | 943,343 | 1,239,694 | (23.9) |
| Prepaid expenses | 62,869 | 60,076 | 4.6 |
| Related parties | 1,336 | 1,135 | 17.7 |
| Assets held for sale | 1,462,929 | - | - |
| NON-CURRENT | 42,103,344 | 40,376,451 | 4.3 |
| Long Term Assets | 16,343,437 | 16,442,145 | (0.6) |
| Bonds and securities | 490,732 | 430,963 | 13.9 |
| Other temporary investments | 31,728 | 25,619 | 23.8 |
| Customers | 105,259 | 109,819 | (4.2) |
| Judicial deposits | 634,712 | 632,458 | 0.4 |
| Sectorial financial assets | 15,473 | 190,699 | (91.9) |
| Account receivable related to concession | 2,809,901 | 2,269,690 | 23.8 |
| Contract Assets | 7,320,445 | 7,452,019 | (1.8) |
| Other non-current receivables | 853,340 | 931,452 | (8.4) |
| Income tax and social contribution | 68,003 | 127,824 | (46.8) |
| Deferred income tax and social contribution | 1,757,688 | 1,644,299 | 6.9 |
| Other non-current recoverable taxes | 2,256,156 | 2,627,293 | (14.1) |
| Prepaid expenses | - | 10 | (100.0) |
| Investments | 3,511,797 | 3,325,731 | 5.6 |
| Property, plant and equipment, net | 10,825,421 | 10,069,468 | 7.5 |
| Intangible assets | 11,170,089 | 10,277,727 | 8.7 |
| Right to use an asset | 252,600 | 261,380 | (3.4) |
| TOTAL | 55,819,074 | 49,703,700 | 12.3 |

| | R\$'000 | | |
|--|-------------------|-------------------|-------------|
| Liabilities | Dec-23 | Dec-22 | Δ% |
| CURRENT | 9,309,433 | 7,156,597 | 30.1 |
| Payroll, social charges and accruals | 927,538 | 252,789 | 266.9 |
| Suppliers | 2,154,430 | 2,090,022 | 3.1 |
| Income tax and social contribution payable | 132,979 | 156,191 | (14.9) |
| Other taxes due | 346,083 | 303,606 | 14.0 |
| Loans and financing | 675,980 | 278,838 | 142.4 |
| Debentures | 1,225,649 | 1,346,347 | (9.0) |
| Minimum compulsory dividend payable | 464,147 | 482,325 | (3.8) |
| Post employment benefits | 85,833 | 73,814 | 16.3 |
| Customer charges due | 61,466 | 46,488 | 32.2 |
| Research and development and energy efficiency | 320,196 | 370,244 | (13.5) |
| Accounts Payable related to concession | 101,976 | 105,003 | (2.9) |
| Net sectorial financial liabilities | 476,103 | 433,914 | 9.7 |
| Lease liability | 49,742 | 64,870 | (23.3) |
| Other accounts payable | 859,456 | 601,619 | 42.9 |
| PIS and COFINS to be refunded to costumers | 558,591 | 550,527 | 1.5 |
| Provisions for litigation | 336,000 | - | - |
| Liabilities associated with assets held for sale | 533,264 | - | - |
| NON-CURRENT | 22,317,974 | 21,415,878 | 4.2 |
| Suppliers | 131,143 | 125,448 | 4.5 |
| Deferred income tax and social contribution | 1,686,793 | 1,517,682 | 11.1 |
| Other taxes due | 612,093 | 633,491 | (3.4) |
| Loans and financing | 4,667,237 | 4,371,525 | 6.8 |
| Debentures | 8,393,457 | 6,457,508 | 30.0 |
| Post employment benefits | 1,398,410 | 996,223 | 40.4 |
| Research and development and energy efficiency | 233,478 | 244,514 | (4.5) |
| Accounts Payable related to concession | 791,879 | 832,539 | (4.9) |
| Net sectorial financial liabilities | 27,888 | 49,341 | (43.5) |
| Lease liability | 220,700 | 208,886 | 5.7 |
| Other accounts payable | 579,070 | 645,234 | (10.3) |
| PIS and COFINS to be refunded to costumers | 173,135 | 1,444,631 | (88.0) |
| Provision for allocation of PIS and Cofins credits | 1,909,775 | 1,851,257 | 3.2 |
| Provisions for litigation | 1,492,916 | 2,037,599 | (26.7) |
| EQUITY | 24,191,667 | 21,131,225 | 14.5 |
| <i>Attributed to controlling shareholders</i> | 23,886,153 | 20,817,364 | 14.7 |
| Share capital | 12,821,758 | 10,800,000 | 18.7 |
| Equity valuation adjustments | 307,050 | 593,382 | (48.3) |
| Legal reserves | 1,625,628 | 1,512,687 | 7.5 |
| Retained earnings | 9,000,506 | 7,911,295 | 13.8 |
| Proposed additional dividend | 131,211 | - | - |
| Accrued earnings | - | - | - |
| <i>Attributable to non-controlling interest</i> | 305,514 | 313,861 | (2.7) |
| TOTAL | 55,819,074 | 49,703,700 | 12.3 |

Exhibit I - CONSOLIDATED RESULTS > CASH FLOW

| | R\$ '000 | |
|---|--------------------|--------------------|
| | 12/31/23 | 12/31/22 |
| CASH FLOWS FROM OPERATIONAL ACTIVITIES | | |
| Net income from continuing operations | 2,135,667 | 1,223,987 |
| Adjustments to reconcile net income for the period with cash generation from operating activities: | 4,775,315 | 3,210,369 |
| Unrealized monetary and exchange variation and debt charges - net | 1,951,552 | 1,298,681 |
| Interest - bonus from the grant of concession agreements under the quota system | (114,370) | (118,439) |
| Remuneration of transmission concession contracts | (730,094) | (769,248) |
| Provision for allocation of PIS and Cofins credits | - | 1,821,933 |
| Income tax and social contribution | 371,104 | 368,035 |
| Deferred income tax and social contribution | (17,047) | (649,134) |
| Equity in earnings of investees | (307,809) | (478,577) |
| Appropriation of post-employment benefits obligations | 267,741 | 266,273 |
| Creation for research and development and energy efficiency programs | 165,459 | 155,705 |
| Recognition of fair value of assets from the indemnity for the concession | (62,167) | (79,169) |
| Sectorial financial assets and liabilities result | (1,070,196) | (1,847,863) |
| Depreciation and amortization | 1,382,040 | 1,233,097 |
| Provision from the voluntary dismissal program | 610,057 | - |
| Net operating estimated losses, provisions and reversals | 92,235 | 717,531 |
| Resultado da repactuação do risco hidrológico - GSF | - | - |
| Realization of added value in business combinations | (722) | (721) |
| Fair value in energy purchase and sale operations | (5,045) | (32,748) |
| Derivatives fair value | - | 2,907 |
| Loss on disposal of accounts receivable related to concession | 270 | 26,533 |
| Loss on disposal of contract assets | 16,728 | 8,829 |
| Loss on disposal of property, plant and equipment | 10,458 | 7,850 |
| Loss on disposal of intangible assets | 78,728 | 55,053 |
| Result of write-offs of use rights of assets and liabilities of leases - net | 726 | (146) |
| Decrease (increase) in assets | 98,706 | 2,335,113 |
| Trade accounts receivable | 188,437 | 1,482,232 |
| Dividends and interest on own capital received | 174,826 | 67,732 |
| Judicial deposits | 33,298 | 1,521 |
| Sectorial financial assets | 36,964 | 966,466 |
| Other receivables | (11,555) | 69,208 |
| Inventories | 18,741 | 7,326 |
| Income tax and social contribution recoverable | (201,003) | (488,495) |
| Other taxes recoverable | (138,520) | 236,843 |
| Prepaid expenses | (2,281) | (6,585) |
| Related parties | (201) | (1,135) |
| Increase (decrease) in liabilities | 486,682 | (449,170) |
| Payroll, social charges and accruals | 297,343 | (191,643) |
| Suppliers | 19,506 | (347,157) |
| Other taxes | 974,083 | 884,140 |
| Post-employment benefits | (224,809) | (200,697) |
| Sectorial charges due | 14,978 | (151,898) |
| Research and development and energy efficiency | (255,295) | (202,073) |
| Payable related to the concession | (115,736) | (106,370) |
| Other accounts payable | 149,450 | 106,269 |
| Provisions for legal claims | (372,838) | (239,741) |
| CASH GENERATED BY OPERATING ACTIVITIES | 5,360,703 | 5,096,312 |
| Income tax and social contribution paid | (294,676) | (124,381) |
| Loans and financing - interest due and paid | (521,134) | (337,455) |
| Debentures - interest due and paid | (1,127,607) | (890,123) |
| Charges for lease liabilities paid | (24,284) | (19,531) |
| NET CASH GENERATED BY OPERATING ACTIVITIES FROM CONTINUING OPERATIONS | 3,393,002 | 3,724,822 |
| NET CASH GENERATED BY OPERATING ACTIVITIES FROM DISCONTINUED OPERATIONS | 125,474 | 177,827 |
| NET CASH GENERATED FROM OPERATING ACTIVITIES | 3,518,476 | 3,902,649 |
| CASH FLOWS FROM INVESTMENT ACTIVITIES | | |
| Financial investments | (44,061) | 44,190 |
| Additions to contract assets | (1,973,215) | (1,909,603) |
| Acquisitions of subsidiaries - effect on cash | (911,450) | (18,031) |
| Disposal of investments | 58,132 | - |
| Additions in investments | (10,780) | (4,829) |
| Capital reduction of investees | - | 61,536 |
| Additions to property, plant and equipment | (204,805) | (381,938) |
| Additions to intangible assets | (13,388) | (8,319) |
| NET CASH USED BY INVESTMENT ACTIVITIES FROM CONTINUING OPERATIONS | (3,099,567) | (2,216,994) |
| NET CASH USED BY INVESTMENT ACTIVITIES FROM DISCONTINUED OPERATIONS | (35,524) | (558,002) |
| NET CASH USED FROM INVESTING ACTIVITIES | (3,135,091) | (2,774,996) |
| CASH FLOWS FROM FINANCING ACTIVITIES | | |
| Loans and financing obtained from third parties | 45,325 | 1,891,954 |
| Transaction costs in the issuing of loans and financing | (6,886) | (19,781) |
| Issue of debentures | 2,900,000 | 1,500,000 |
| Transaction costs in the issuing of debentures | (60,677) | (14,445) |
| Payments of principal - loans and financing | (260,971) | (1,000,319) |
| Payments of principal - debentures | (1,193,910) | (2,051,481) |
| Amortization of principal of lease liabilities | (69,293) | (57,212) |
| Capital increase | 2,031,619 | - |
| Transaction costs in the capital increase | (14,941) | - |
| Dividends and interest on own capital paid | (750,371) | (2,167,769) |
| NET CASH GENERATED (USED) BY FINANCING ACTIVITIES FROM CONTINUING OPERATIONS | 2,619,895 | (1,919,053) |
| NET CASH GENERATED (USED) BY FINANCING ACTIVITIES FROM DISCONTINUED OPERATIONS | 76,677 | (2,988) |
| NET CASH GENERATED (USED) FROM FINANCING ACTIVITIES | 2,696,572 | (1,922,041) |
| TOTAL EFFECTS ON CASH AND CASH EQUIVALENTS | 3,079,957 | (794,388) |
| Cash and cash equivalents at the beginning of the period | 2,678,457 | 3,472,845 |
| Cash and cash equivalents at the end of the period | 5,634,623 | 2,552,407 |
| Change in cash and cash equivalents from discontinued operations | 123,971 | 126,050 |
| CHANGE IN CASH AND CASH EQUIVALENTS | 3,079,957 | (794,388) |

Exhibit I - CONSOLIDATED RESULTS > ADJUSTED EBITDA AND FINANCIAL RESULT

| | R\$'000 | | | | | |
|--|----------------|----------------|-------------|----------------|----------------|-------------|
| | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| EBITDA FROM CONTINUING OPERATIONS | 1,540.5 | 966.0 | 59.5 | 5,076.8 | 4,181.9 | 21.4 |
| (-/+) Fair value in the purchase and sale of energy | (11.4) | (36.9) | (69.1) | (5.0) | (32.7) | (84.7) |
| (-/+) Impairment | (123.7) | (34.8) | 255.8 | (177.7) | 7.4 | - |
| (-/+) Tariff flag account on MMGD | - | - | - | - | (43.4) | - |
| (-/+) Reflection of the PIS/Cofins forecast | - | - | - | - | (58.1) | - |
| (-/+) Indemnity of additional third of vacation bonus | - | - | - | 138.2 | - | - |
| (-/+) Provision for allocation of PIS/Cofins credits | - | - | - | - | 810.6 | - |
| (-/+) Provision/Reversal for indemnification for PDV | - | - | - | 610.1 | (7.9) | - |
| (-/+) Hydrological Risk Renegotiation (GSF) - HPP Mauá | 26.4 | - | - | - | - | - |
| (-/+) Provision for litigation | 51.1 | 452.7 | (88.7) | 51.1 | 452.7 | (88.7) |
| (-/+) Adherence to REFIS/PR | - | - | - | - | 33.3 | - |
| Adjusted EBITDA FROM CONTINUING OPERATIONS | 1,482.9 | 1,347.0 | 10.1 | 5,693.5 | 5,343.8 | 6.5 |
| (-) Ebitda from discontinued Op. Compagas and UEGA | 10.6 | 80.6 | (86.8) | 137.0 | 179.8 | (24) |
| Adjusted EBITDA INCLUDED DISCONTINUED OPERATIONS | 1,493.5 | 1,427.6 | 4.6 | 5,830.5 | 5,523.6 | 5.6 |
| (-/+) Equity in earnings of subsidiaries | (63.1) | (148.5) | (57.5) | (307.8) | (478.6) | (36) |
| Adjusted EBITDA INCLUDED DISCONTINUED OP without earnings of subsidiaries | 1,430.4 | 1,279.1 | 11.8 | 5,522.7 | 5,045.0 | 9.5 |

| | R\$'000 | | | | | |
|--|------------------|------------------|-------------|--------------------|--------------------|---------------|
| | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Financial Revenues | 272,666 | 232,808 | 17.1 | 1,069,116 | 956,413 | 11.8 |
| Income from investments held for trading | 173,232 | 108,872 | 59.1 | 540,672 | 406,270 | 33.1 |
| Late fees on electricity bills | 44,007 | 47,301 | (7.0) | 200,341 | 265,818 | (24.6) |
| Monetary restatement and adjustment to present value of accounts payable related to concession | - | (157) | - | 69,059 | 2,720 | - |
| Income from sectorial assets and liabilities | 7,040 | 48,769 | (85.6) | 62,795 | 146,753 | (57.2) |
| Exchange variation About Purchase Itaipu Electric Power | 3,047 | 2,572 | 18.5 | 17,073 | 43,946 | (61.2) |
| Interest on taxes to be compensated | 38,964 | 14,026 | 177.8 | 89,938 | 63,810 | 40.9 |
| Income and monetary restatement of judicial deposits | 13,700 | 11,218 | 22.1 | 55,092 | 42,846 | 28.6 |
| Other financial revenues | 4,325 | 10,122 | (57.3) | 75,660 | 25,748 | 193.8 |
| (-) Pis/Pasep and Cofins on revenues | (11,649) | (9,915) | 17.5 | (41,514) | (41,498) | 0.0 |
| Financial Expenses | 578,367 | 512,554 | 12.8 | 2,274,106 | 1,950,927 | 16.6 |
| Monetary variation, foreign exchange and debt service charges | 408,512 | 372,461 | 9.7 | 1,763,555 | 1,479,057 | 19.2 |
| Monetary variation and adjustment to present value of accounts payable related to concession | 38,990 | 13,936 | 179.8 | 140,214 | 142,673 | (1.7) |
| Exchange variation About Purchase Itaipu Electric Power | 2,820 | 1,160 | 143.1 | 10,605 | 27,584 | (61.6) |
| Pis/ Pasep and Cofins taxes over interest on equity | 30,497 | 83,532 | (63.5) | 101,251 | 107,720 | (6.0) |
| Income from sectorial assets and liabilities | 768 | 1,529 | (49.8) | 4,542 | 11,208 | (59.5) |
| Derivatives fair value - forward contract | - | (2,907) | - | - | - | - |
| Interest on R&D and PEE | 5,854 | 10,231 | (42.8) | 26,009 | 33,810 | (23.1) |
| Interest on tax installments | 8,563 | 10,753 | (20.4) | 39,569 | 38,111 | 3.8 |
| Interest on lease liabilities | 7,033 | 5,283 | 33.1 | 24,292 | 19,441 | 25.0 |
| Monetary variation of litigation | 74,147 | 3,340 | - | 150,140 | 33,981 | - |
| Other financial expenses | 1,183 | 13,236 | (91.1) | 13,929 | 57,342 | (75.7) |
| (-) Update of provision for allocation of PIS and Cofins credits | - | - | - | - | 1,011,370 | - |
| Financial income (expenses) | (305,701) | (279,746) | 9.3 | (1,204,990) | (2,005,884) | (39.9) |

Exhibit I - CONSOLIDATED RESULTS > EQUITY IN EARNINGS OF SUBSIDIARIES AND INDICATORS

| | R\$'000 | | | | | |
|--|----------------|----------------|---------------|----------------|----------------|---------------|
| Variation in Equity in earnings of subsidiaries | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Joint Ventures | 57,819 | 142,219 | (59.3) | 285,808 | 452,562 | (36.8) |
| Voltalia São Miguel do Gostoso I Participações S.A. | 2,112 | 1,940 | 8.9 | 1,508 | 2,157 | (30.1) |
| Caiuá Transmissora de Energia S.A. | 2,854 | 6,568 | (56.5) | 12,263 | 23,806 | (48.5) |
| Integração Maranhense Transmissora de Energia S.A. | 4,873 | 4,942 | (1.4) | 24,218 | 32,824 | (26.2) |
| Matrinchã Transmissora de Energia (TP NORTE) S.A. | 12,728 | 42,756 | (70.2) | 77,493 | 162,298 | (52.3) |
| Guaraciaba Transmissora de Energia (TP SUL) S.A. | 4,933 | 30,551 | (83.9) | 30,871 | 82,251 | (62.5) |
| Paranaíba Transmissora de Energia S.A. | 6,617 | 26,565 | (75.1) | 36,269 | 47,623 | (23.8) |
| Mata de Santa Genebra Transmissão S.A. | 12,861 | 15,495 | (17.0) | 58,262 | 56,140 | 3.8 |
| Cantareira Transmissora de Energia S.A. | 10,799 | 13,494 | (20.0) | 44,563 | 45,293 | (1.6) |
| Solar Paraná | 42 | (92) | - | 361 | 170 | 112.4 |
| Associates | 5,315 | 6,243 | (14.9) | 22,001 | 26,015 | (15.4) |
| Dona Francisca Energética S.A. | 1,162 | 734 | 58.3 | 5,353 | 5,648 | (5.2) |
| Foz do Chopim Energética Ltda. | 4,155 | 5,510 | (24.6) | 16,651 | 20,370 | (18.3) |
| Others ¹ | (2) | (1) | - | (3) | (3) | - |
| TOTAL | 63,134 | 148,462 | (57.5) | 307,809 | 478,577 | (35.7) |

¹ Includes Carbocampel S.A.

| | R\$'000 | | |
|-------------------------------------|-----------------------|----------------------|--------|
| Main Indicators -Associates | | | |
| Dec-23 | | | |
| | Dona Francisca | Foz do Chopim | |
| Total assets | | 170,927 | 47,069 |
| Shareholder's equity ¹ | | 133,787 | 45,047 |
| Net operating revenue | | 66,166 | 60,593 |
| Net Income | | 23,243 | 46,547 |
| Participation in the enterprise - % | | 23.0 | 35.8 |
| Investment book value | | 30,812 | 16,113 |

| | R\$'000 | | | | | | | | |
|--|-----------------|--------------|------------------------------|------------------|-------------------|------------------|------------------------------|-------------------|--|
| Main Indicators -Joint ventures | | | | | | | | | |
| Dec-23 | | | | | | | | | |
| | Voltalia | Caiuá | Integração Maranhense | Matrinchã | Guaraciaba | Paranaíba | Mata de Santa Genebra | Cantareira | |
| Total assets | 239,779 | 335,003 | 585,668 | 2,984,765 | 1,611,484 | 2,047,430 | 3,768,174 | 1,799,642 | |
| Shareholder's equity ¹ | 239,762 | 271,578 | 432,775 | 2,030,613 | 1,004,252 | 1,191,925 | 1,470,430 | 955,738 | |
| Net operating revenue | - | 36,562 | 63,370 | 313,948 | 165,557 | 282,153 | 393,463 | 177,852 | |
| Net Income | 3,075 | 25,025 | 49,420 | 158,149 | 63,003 | 148,036 | 116,292 | 90,945 | |
| Participation in the enterprise - % | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 24.5 | 50.1 | 49.0 | |
| Investment book value | 117,484 | 133,074 | 212,060 | 994,999 | 492,083 | 292,022 | 736,685 | 468,311 | |

Note: Income from Transmitters according to adjustments for the application of CPC 47 / IFRS 15 in the Corporate Statements.

Exhibit I - CONSOLIDATED RESULTS > SHARE CAPITAL

Share Capital - As of December, 31,2023 *

| Shareholders | | | | | | | | Thousand shares | |
|------------------------|------------------|--------------|---------------|--------------|------------------|--------------|--------------|------------------|--------------|
| | Common | % | Preferred "A" | % | Preferred "B" | % | Special ** | TOTAL | % |
| State of Paraná | 358,563 | 27.6% | - | - | 116,081 | 6.9% | <1 | 474,644 | 15.9% |
| BNDESPAR | 131,161 | 10.1% | - | - | 524,646 | 31.2% | - | 655,807 | 22.0% |
| Free Floating | 807,456 | 62.1% | 686 | 21.9% | 1,037,615 | 61.8% | - | 1,845,757 | 61.9% |
| B3 | 782,255 | 60.2% | 686 | 21.9% | 935,818 | 55.7% | - | 1,718,759 | 57.6% |
| NYSE | 24,993 | 1.9% | - | - | 99,992 | 6.0% | - | 124,985 | 4.2% |
| LATIBEX | 208 | 0.0% | - | - | 1,805 | 0.1% | - | 2,013 | 0.1% |
| Other | 3,167 | 0.2% | 2,442 | 78.1% | 993 | 0.1% | - | 6,602 | 0.2% |
| TOTAL | 1,300,347 | 100% | 3,128 | 100% | 1,679,335 | 100% | <1 | 2,982,810 | 100% |

* The 209th Extraordinary General Assembly approved the undoing of the UNITS Program, ending in December/23.

** State of Paraná has a special class preferred share with veto power as established in the Statute.

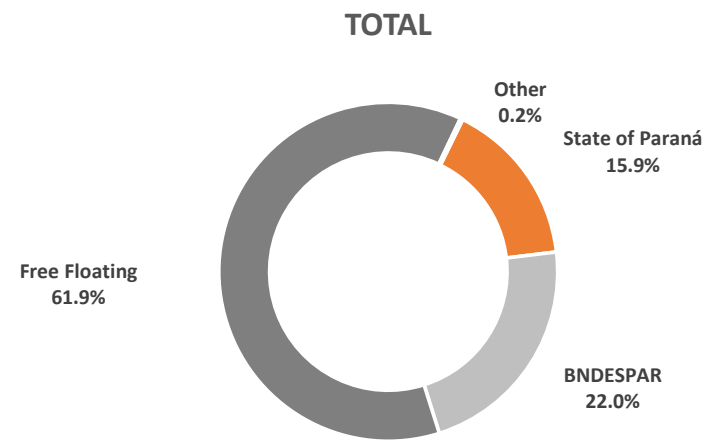
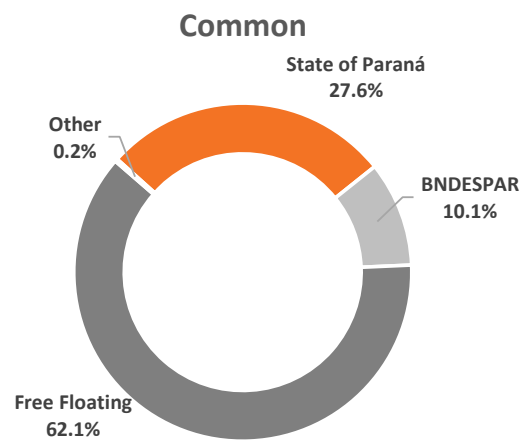


Exhibit II- RESULT BY SUBSIDIARY > COPEL GET (CONSOLIDATED)

| | R\$'000 | | | | | |
|--|------------------|------------------|---------------|--------------------|--------------------|---------------|
| Income Statement | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| OPERATING REVENUES | 1,215,688 | 1,233,631 | (1.5) | 5,117,723 | 4,941,152 | 3.6 |
| Electricity sales to final customers | - | - | - | - | 103 | - |
| Electricity sales to distributors | 967,208 | 964,636 | 0.3 | 4,022,079 | 3,784,322 | 6.3 |
| Use of the main transmission grid | 222,697 | 238,580 | (6.7) | 966,844 | 991,174 | (2.5) |
| Construction revenue | 19,080 | 17,773 | 7.4 | 99,248 | 116,112 | (14.5) |
| Other operating revenues | 6,703 | 12,642 | (47.0) | 29,552 | 49,441 | (40.2) |
| OPERATING COSTS AND EXPENSES | (493,088) | (659,147) | (25.2) | (2,771,944) | (2,626,709) | 5.5 |
| Electricity purchased for resale | (45,326) | (93,582) | (51.6) | (216,565) | (377,716) | (42.7) |
| Charges of main distribution and transmission grid | (147,082) | (141,459) | 4.0 | (589,428) | (533,591) | 10.5 |
| Personnel and management | (102,810) | (81,054) | 26.8 | (604,808) | (319,740) | 89.2 |
| Pension and healthcare plans | (20,605) | (19,732) | 4.4 | (81,704) | (79,056) | 3.3 |
| Materials and supplies | (11,454) | (4,719) | 142.7 | (26,246) | (17,640) | 48.8 |
| Materials and supplies for power electricity | - | (6,398) | - | (17,654) | (9,349) | 88.8 |
| Third-party services | (68,661) | (56,126) | 22.3 | (269,711) | (207,486) | 30.0 |
| Depreciation and amortization | (209,179) | (189,560) | 10.3 | (820,188) | (743,375) | 10.3 |
| Provisions and reversals | 214,454 | 29,335 | - | 159,214 | 11,461 | - |
| Construction cost | (16,646) | (9,314) | 78.7 | (85,181) | (89,166) | (4.5) |
| Renegotiation of Hydrological Risk - GSF - HPP Mauá | (26,405) | - | - | - | - | - |
| Other cost and expenses | (59,374) | (86,538) | (0.3) | (219,673) | (261,051) | (0.2) |
| EQUITY IN EARNINGS OF SUBSIDIARIES | 59,820 | 145,882 | (59.0) | 300,589 | 470,606 | (36.1) |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES | 782,420 | 720,366 | 8.6 | 2,646,368 | 2,785,049 | (5.0) |
| FINANCIAL RESULTS | (163,680) | (160,462) | 2.0 | (747,409) | (636,045) | 17.5 |
| Financial income | 78,511 | 71,561 | 9.7 | 334,020 | 257,977 | 29.5 |
| Financial expenses | (242,191) | (232,023) | 4.4 | (1,081,429) | (894,022) | 21.0 |
| OPERATIONAL EXPENSES/ INCOME | 618,740 | 559,904 | 10.5 | 1,898,959 | 2,149,004 | (11.6) |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT | (101,978) | 121,019 | | (264,614) | (295,404) | (10.4) |
| Income tax and social contribution on profit | (58,592) | 109,503 | | (247,136) | (212,852) | 16.1 |
| Deferred income tax and social contribution on profit | (43,386) | 11,516 | | (17,478) | (82,552) | (78.8) |
| NET INCOME continuing operations | 516,762 | 680,923 | (24.1) | 1,634,345 | 1,853,600 | (11.8) |
| NET INCOME discontinued operations | 282,281 | (179,713) | | 66,176 | (254,141) | |
| NET INCOME | 799,043 | 501,210 | 59.4 | 1,700,521 | 1,599,459 | 6.3 |
| Attributed to shareholders of the parent company - continuing operations | 523,341 | 680,186 | (23.1) | 1,651,036 | 1,866,955 | (11.6) |
| Attributed to the controlling company's shareholders - discontinued operations | 167,900 | (108,992) | | 30,134 | (162,903) | |
| Attributed to non-controlling shareholders | 107,802 | (69,984) | | 19,351 | (104,593) | |
| EBITDA continuing operations | 991,599 | 909,926 | 9.0 | 3,466,556 | 3,528,424 | 3.5 |

Exhibit II- RESULT BY SUBSIDIARY > COPEL DIS

R\$'000

| Income Statement | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
|--|--------------------|--------------------|---------------|---------------------|---------------------|---------------|
| OPERATING REVENUES | 4,016,174 | 3,587,443 | 12.0 | 15,085,707 | 13,903,300 | 8.5 |
| Electricity sales to final customers | 1,613,874 | 1,208,415 | 33.6 | 5,663,429 | 5,236,339 | 8.2 |
| Electricity sales to distributors | 24,369 | 63,535 | (61.6) | 164,825 | 266,991 | (38.3) |
| Use of the main distribution grid | 1,550,506 | 1,155,062 | 34.2 | 5,468,715 | 4,221,011 | 29.6 |
| Construction revenue | 568,580 | 554,567 | 2.5 | 2,234,539 | 2,048,022 | 9.1 |
| Fair value of assets from the indemnity for the concession | 20,269 | 34,124 | (40.6) | 62,167 | 79,169 | (21.5) |
| Sectorial assets and liabilities result | 91,494 | 467,880 | (80.4) | 971,203 | 1,676,936 | (42.1) |
| Other operating revenues | 147,082 | 103,860 | 41.6 | 520,829 | 374,832 | 38.9 |
| OPERATING COSTS AND EXPENSES | (3,552,826) | (3,265,136) | 8.8 | (13,983,117) | (13,418,798) | 4.2 |
| Electricity purchased for resale | (1,585,200) | (1,546,763) | 2.5 | (6,074,752) | (5,980,124) | 1.6 |
| Charges of main transmission grid | (743,458) | (579,074) | 28.4 | (2,715,273) | (2,313,203) | 17.4 |
| Personnel and management | (191,156) | (153,742) | 24.3 | (1,174,906) | (599,121) | 96.1 |
| Pension and healthcare plans | (42,400) | (42,215) | 0.4 | (167,533) | (169,493) | (1.2) |
| Materials and supplies | (25,544) | (21,243) | 20.2 | (74,501) | (71,302) | 4.5 |
| Third-party services | (176,368) | (143,126) | 23.2 | (643,999) | (505,407) | 27.4 |
| Depreciation and amortization | (135,744) | (119,638) | 13.5 | (521,301) | (454,307) | 14.7 |
| Provisions and reversals | (54,646) | (70,190) | (22.1) | (201,083) | (281,895) | (28.7) |
| Construction cost | (568,580) | (554,567) | 2.5 | (2,234,539) | (2,048,022) | 9.1 |
| Other cost and expenses | (29,730) | (34,577) | (14.0) | (175,230) | (185,361) | (5.5) |
| Provision for allocation of PIS and Cofins | - | - | - | - | (810,563) | - |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES | 463,348 | 322,306 | 43.8 | 1,102,590 | 484,502 | 127.6 |
| FINANCIAL RESULTS | (144,134) | (62,536) | 130.5 | (475,102) | (1,169,741) | (59.4) |
| Financial income | 115,304 | 138,255 | (16.6) | 479,944 | 593,726 | (19.2) |
| Financial expenses | (259,438) | (200,791) | 29.2 | (955,046) | (752,097) | 27.0 |
| Update of provision for allocation of PIS and Cofins credits | - | - | - | - | (1,011,370) | - |
| OPERATIONAL EXPENSES/ INCOME | 319,214 | 259,770 | 22.9 | 627,488 | (685,239) | - |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT | (55,924) | 64,497 | - | (58,368) | 455,465 | - |
| Income tax and social contribution on profit | (12,255) | 42,283 | - | (87,394) | (130,102) | (32.8) |
| Deferred income tax and social contribution on profit | (43,669) | 22,214 | - | 29,026 | 585,567 | (95.0) |
| NET INCOME (LOSS) | 263,290 | 324,267 | (18.8) | 569,120 | (229,774) | - |
| EBITDA | 599,092 | 441,945 | 35.6 | 1,623,891 | 938,809 | 73.0 |

Exhibit II- RESULT BY SUBSIDIARY > COPEL COM (MERCADO LIVRE)

| | R\$'000 | | | | | |
|---|--------------------|--------------------|---------------|--------------------|--------------------|---------------|
| Income Statement | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| OPERATING REVENUES | 1,037,173 | 1,279,343 | (18.9) | 4,056,904 | 4,938,368 | (17.8) |
| Electricity sales to final customers | 579,008 | 555,071 | 4.3 | 2,284,271 | 2,275,872 | 0.4 |
| Electricity sales to distributors | 454,267 | 688,188 | (34.0) | 1,761,200 | 2,620,535 | (32.8) |
| Other operating revenues | 3,898 | 36,084 | (89.2) | 11,433 | 41,961 | (72.8) |
| OPERATING COSTS AND EXPENSES | (1,016,478) | (1,217,361) | (16.5) | (3,948,287) | (4,814,710) | (18.0) |
| Electricity purchased for resale | (1,007,473) | (1,211,291) | (16.8) | (3,908,484) | (4,790,427) | (18.4) |
| Personnel and management | (3,670) | (3,471) | 5.7 | (21,133) | (12,712) | 66.2 |
| Pension and healthcare plans | (454) | (458) | (1.0) | (1,877) | (1,787) | 5.0 |
| Materials and supplies | (17) | (17) | (0.1) | (77) | (53) | 45.3 |
| Third-party services | (503) | (479) | 5.0 | (3,389) | (2,665) | 27.2 |
| Depreciation and amortization | (439) | (99) | 346.0 | (2,003) | (353) | 467.4 |
| Provisions and reversals | (672) | (220) | 204.8 | (3,927) | (1,724) | 127.8 |
| Other cost and expenses | (3,251) | (1,326) | 145.1 | (7,396) | (4,989) | 48.2 |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES | 20,696 | 61,981 | (66.6) | 108,618 | 123,658 | (12.2) |
| FINANCIAL RESULTS | 10,127 | 9,120 | 11.0 | 37,861 | 32,376 | 16.9 |
| Financial income | 10,579 | 9,175 | 15.3 | 38,577 | 32,667 | 18.1 |
| Financial expenses | (453) | (55) | 723.6 | (717) | (291) | 146.4 |
| OPERATIONAL EXPENSES/ INCOME | 30,822 | 71,101 | (56.7) | 146,479 | 156,034 | (6.1) |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT | (6,148) | (21,229) | (71.0) | (40,928) | (47,659) | (14.1) |
| Income tax and social contribution on profit | (2,569) | (6,214) | (58.7) | (30,418) | (25,081) | 21.3 |
| Deferred income tax and social contribution on profit | (3,579) | (15,015) | (76.2) | (10,510) | (22,578) | (53.5) |
| NET INCOME (LOSS) | 24,675 | 49,872 | (50.5) | 105,550 | 108,375 | (2.6) |
| EBITDA | 21,135 | 62,080 | (66.0) | 110,620 | 124,011 | (10.8) |

Exhibit II- RESULT BY SUBSIDIARY > INCOME STATEMENT FOR THE QUARTER BY COMPANY

| Income Statement 4Q23 | GET | | | | | | | | | | | | | | Consolidated |
|--|------------------|-----------------|--------------------|------------------|-----------------|----------------|----------------|------------------|-----------------|----------------|-----------------------------|--------------------|------------------|--------------------|--------------------|
| | Geração | | Distribuição | Compagas | Elejor | UEG Araucária | Serviços | Wind Farms | FDA | Bela Vista | C. Oeste, Marumbi, Uirapuru | Mercado Livre | Holding | Elimination | |
| | | Transmissão | | | | | | | | | | | | | |
| NET OPERATING INCOME | 630,506 | 230,996 | 4,016,174 | 212,824 | 34,465 | - | - | 172,135 | 172,465 | 6,804 | 19,547 | 1,037,173 | - | (965,391) | 5,567,698 |
| Electricity sales to final customers | 6 | (6) | 1,613,874 | - | - | - | - | - | - | - | - | 579,008 | - | (391) | 2,192,491 |
| Electricity sales to distributors | 615,810 | - | 24,369 | - | 34,377 | - | - | 172,135 | 172,459 | 6,804 | - | 454,267 | - | (616,143) | 864,078 |
| Use of the main distribution and transmission grid (TUSD/ TUST) | - | 205,764 | 1,550,506 | - | - | - | - | - | - | - | 19,503 | - | - | (121,571) | 1,654,202 |
| Construction revenue | - | 19,043 | 568,580 | 6,822 | - | - | - | - | - | - | 37 | - | - | (6,822) | 587,660 |
| Fair value of assets from the indemnity for the concession | - | - | 20,269 | - | - | - | - | - | - | - | - | - | - | - | 20,269 |
| Distribution of piped gas | - | - | - | 206,002 | - | - | - | - | - | - | - | - | - | (206,002) | - |
| Sectoral assets and liabilities result | - | - | 91,494 | - | - | - | - | - | - | - | - | - | - | - | 91,494 |
| Other operating revenues | 14,690 | 6,195 | 147,082 | - | 88 | - | - | - | 6 | - | 7 | 3,898 | - | (14,462) | 157,504 |
| OPERATING COSTS AND EXPENSES | (178,298) | (71,020) | (3,552,826) | (184,753) | (23,776) | 221,574 | (1,779) | (141,265) | (96,852) | (9,211) | (2,595) | (1,016,478) | (105,281) | 717,468 | (4,445,091) |
| Energy purchased for resale | (26,952) | (14,741) | (1,585,200) | - | (25) | (3,282) | - | (3,633) | - | - | - | (1,007,473) | - | 619,242 | (2,022,064) |
| Charges of the main distribution and transmission grid | (92,034) | - | (743,458) | - | (6,236) | (8,962) | - | (16,861) | (40,211) | (347) | - | - | - | 129,887 | (778,222) |
| Personnel and management | (54,172) | (41,749) | (191,156) | (10,421) | (1,176) | (1,770) | (47) | (5,555) | (773) | (305) | (256) | (3,670) | (17,783) | 12,191 | (316,642) |
| Private pension and health plans | (11,458) | (8,347) | (42,400) | (1,716) | (56) | (214) | (8) | (652) | (92) | (25) | (31) | (454) | (2,428) | 1,930 | (65,950) |
| Materials and supplies | (2,518) | (1,331) | (25,544) | (503) | (58) | (8) | (212) | (3,614) | (572) | (3,324) | (93) | (17) | (636) | 514 | (37,916) |
| Materials and supplies for power electricity | - | - | - | - | - | (428) | - | - | - | - | - | - | - | 428 | - |
| Natural gas and supplies for gas business | - | - | - | (145,206) | - | - | - | - | - | - | - | - | - | 145,206 | - |
| Third-party services | (27,216) | (13,199) | (176,368) | (3,764) | (3,913) | (5,010) | (1,212) | (30,613) | (4,718) | (2,253) | (1,760) | (503) | (18,326) | 20,894 | (267,960) |
| Depreciation and amortization | (94,000) | (4,182) | (135,744) | (10,781) | (8,467) | (5,156) | (211) | (68,883) | (32,037) | (2,718) | (10) | (439) | (767) | 8,588 | (354,808) |
| Provisions and reversals | 185,768 | 24,771 | (54,646) | (1,150) | - | 248,283 | - | 3,933 | (48) | (1) | (82) | (672) | (58,999) | (234,620) | 112,537 |
| Construction cost | - | (16,609) | (568,580) | (6,822) | - | - | - | - | - | - | (37) | - | - | 6,822 | (585,226) |
| Renegotiation of Hydrological Risk - GSF - HPP Mauá | (26,405) | - | - | - | - | - | - | - | - | - | - | - | - | - | (26,405) |
| Other operating costs and expenses | (29,311) | 4,367 | (29,730) | (4,390) | (3,845) | (1,879) | (89) | (15,387) | (18,401) | (238) | (326) | (3,251) | (6,342) | 6,386 | (102,435) |
| EQUITY IN EARNINGS OF SUBSIDIARIES | 45,912 | 72,987 | - | - | - | - | - | 15,070 | - | - | - | - | 812,988 | (883,823) | 63,134 |
| EARNINGS BEFORE INCOME TAXES | 498,120 | 232,963 | 463,348 | 28,071 | 10,689 | 221,574 | (1,779) | 45,940 | 75,613 | (2,407) | 16,952 | 20,696 | 707,707 | (1,131,746) | 1,185,740 |
| FINANCIAL RESULTS | (94,652) | (53,124) | (144,134) | (2,586) | (33,348) | (1,442) | (23) | (24,249) | 8,865 | 869 | 1,642 | 10,127 | 31,683 | (5,328) | (305,701) |
| Financial income | 25,590 | 12,903 | 115,304 | 11,687 | 4,647 | 602 | 138 | 30,901 | 9,039 | 876 | 2,233 | 10,579 | 69,812 | (21,645) | 272,666 |
| Financial expenses | (120,242) | (66,027) | (259,438) | (14,273) | (37,995) | (2,044) | (161) | (55,150) | (174) | (7) | (591) | (453) | (38,129) | 16,317 | (578,367) |
| OPERATIONAL EXPENSES / INCOME | 403,468 | 179,839 | 319,214 | 25,485 | (22,659) | 220,132 | (1,802) | 21,691 | 84,478 | (1,538) | 18,594 | 30,822 | 739,390 | (1,137,074) | 880,039 |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT | (45,171) | (14,794) | (55,923) | 2,489 | 5,186 | 50,409 | - | (16,367) | (26,152) | (510) | (1,388) | (6,148) | (102,129) | (50,499) | (260,998) |
| NET INCOME continuing operations | 358,297 | 165,045 | 263,291 | 27,974 | (17,473) | 270,541 | (1,802) | 5,324 | 58,326 | (2,048) | 17,206 | 24,675 | 637,261 | (1,187,573) | 619,041 |
| NET INCOME discontinued operations | 167,900 | - | - | - | - | - | - | - | - | - | - | - | 241,762 | (85,895) | 323,767 |
| NET INCOME | 526,197 | 165,045 | 263,291 | 27,974 | (17,473) | 270,541 | (1,802) | 5,324 | 58,326 | (2,048) | 17,206 | 24,675 | 879,023 | (1,273,468) | 942,808 |
| Attributed to shareholders of the parent company - continuing operations | 358,298 | 165,045 | 263,291 | - | (12,231) | - | (1,802) | 5,324 | 58,326 | (2,048) | 17,206 | 24,675 | 805,160 | (1,043,981) | 637,260 |
| Attributed to the controlling company's shareholders - discontinued operations | 167,899 | - | - | 14,267 | - | 219,679 | - | - | - | - | - | - | 73,863 | (233,942) | 241,762 |
| Attributed to non-controlling shareholders - continuing operations | - | - | - | - | (5,241) | - | - | - | - | - | - | - | - | - | (5,241) |
| Attributed to non-controlling shareholders - discontinued operations | - | - | - | 13,707 | - | 50,862 | - | - | - | - | - | - | - | 4,455 | 69,027 |
| EBITDA continuing operations | 592,120 | 237,145 | 599,092 | 38,852 | 19,156 | 226,730 | (1,568) | 114,823 | 107,650 | 311 | 16,962 | 21,135 | 708,474 | (1,140,334) | 1,540,548 |

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| Income Statement 4Q22 | GET | | Distribuição | Compagas | Elejor | UEG Araucária | Serviços | Wind Farms | FDA | Bela Vista | C. Oeste, Marumbi, Uirapuru | Mercado Livre | Holding | Elimination | Consolidated |
|--|------------------|-----------------|--------------------|------------------|-----------------|------------------|--------------|------------------|-----------------|----------------|-----------------------------|--------------------|------------------|--------------------|--------------------|
| | Geração | Transmissão | | | | | | | | | | | | | |
| NET OPERATING INCOME | 639,697 | 247,032 | 3,587,443 | 361,872 | 44,254 | 33 | - | 152,943 | 185,827 | 7,722 | 16,567 | 1,279,343 | - | (1,257,953) | 5,264,780 |
| Electricity sales to final customers | - | - | 1,208,415 | - | - | - | - | - | - | - | - | 555,071 | - | (386) | 1,763,100 |
| Electricity sales to distributors | 619,824 | - | 63,535 | - | 44,019 | 33 | - | 151,267 | 185,823 | 7,722 | - | 688,188 | - | (778,914) | 981,497 |
| Use of the main distribution and transmission grid (TUSD/ TUST) | - | 224,262 | 1,155,062 | - | - | - | - | - | - | - | 16,753 | - | - | (99,641) | 1,296,436 |
| Construction revenue | - | 17,965 | 554,567 | 2,985 | - | - | - | - | - | - | (192) | - | - | (2,985) | 572,340 |
| Fair value of assets from the indemnity for the concession | - | - | 34,124 | (2,059) | - | - | - | - | - | - | - | - | - | 2,059 | 34,124 |
| Distribution of piped gas | - | - | - | 349,468 | - | - | - | - | - | - | - | - | - | (349,468) | - |
| Sectoral assets and liabilities result | - | - | 467,880 | - | - | - | - | - | - | - | - | - | - | (0) | 467,880 |
| Other operating revenues | 19,873 | 4,805 | 103,860 | 11,478 | 235 | - | - | 1,676 | 4 | - | 6 | 36,084 | - | (28,618) | 149,403 |
| OPERATING COSTS AND EXPENSES | (393,183) | (60,640) | (3,265,138) | (277,205) | (22,417) | (169,217) | (809) | (113,191) | (99,846) | (4,959) | (2,130) | (1,217,362) | (463,864) | 1,324,465 | (4,765,496) |
| Energy purchased for resale | (93,096) | - | (1,546,763) | - | (18) | - | - | (502) | 309 | (309) | - | (1,211,291) | - | 778,883 | (2,072,787) |
| Charges of the main distribution and transmission grid | (91,007) | - | (579,074) | - | (5,744) | (8,706) | - | (13,218) | (39,212) | (330) | - | - | - | 108,022 | (629,269) |
| Personnel and management | (45,142) | (30,156) | (153,742) | (9,921) | (1,145) | (1,717) | - | (4,260) | (829) | (396) | (271) | (3,472) | (10,313) | 11,638 | (249,726) |
| Private pension and health plans | (11,620) | (7,561) | (42,215) | (1,196) | (79) | (162) | - | (418) | (83) | (22) | (28) | (458) | (2,002) | 1,359 | (64,485) |
| Materials | (3,133) | (1,137) | (21,243) | (560) | (53) | (7) | (2) | (48) | (310) | (9) | (81) | (16) | (325) | 566 | (26,358) |
| Raw material and supplies - energy production | (9,349) | - | - | - | - | (1,212) | - | - | - | - | - | - | - | 1,212 | (9,349) |
| Natural gas and supplies for gas business | - | - | - | (237,592) | - | - | - | - | - | - | - | - | - | 237,592 | - |
| Third-party services | (20,912) | (9,135) | (143,127) | (2,908) | (4,834) | (20,126) | (384) | (23,601) | (11,050) | (704) | (1,649) | (479) | (9,340) | 38,624 | (209,625) |
| Depreciation and amortization | (93,895) | (3,360) | (119,638) | (12,473) | (7,744) | (5,914) | (545) | (55,319) | (31,897) | (2,800) | (7) | (98) | (632) | 16,107 | (318,215) |
| Provisions and reversals | 35,083 | (3,847) | (70,188) | (697) | - | (108,207) | 63 | (1,807) | (1) | (91) | (2) | (220) | (436,315) | 95,262 | (490,967) |
| Construction cost | - | (9,506) | (554,567) | (2,985) | - | - | - | - | - | - | 192 | - | - | 2,985 | (563,881) |
| Other operating costs and expenses | (60,112) | 4,062 | (34,581) | (8,873) | (2,800) | (23,166) | 59 | (14,018) | (16,773) | (298) | (284) | (1,328) | (4,937) | 32,215 | (130,834) |
| PROVISION FOR ALLOCATION OF PIS/COFINS CREDITS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EQUITY IN EARNINGS OF SUBSIDIARIES | 132,889 | 154,995 | - | - | - | - | - | 54,728 | - | - | - | - | 1,065,020 | (1,259,170) | 148,462 |
| EARNINGS BEFORE INCOME TAXES | 379,403 | 341,387 | 322,305 | 84,667 | 21,837 | (169,184) | (809) | 94,480 | 85,981 | 2,763 | 14,437 | 61,981 | 601,156 | (1,192,658) | 647,746 |
| FINANCIAL RESULTS | (97,607) | (55,426) | (62,536) | 8,620 | (6,367) | 1,161 | (183) | 12,886 | 7,146 | 574 | 1,285 | 9,120 | (59,318) | (39,101) | (279,746) |
| Financial income | 22,680 | 11,781 | 138,255 | 17,187 | 5,882 | 2,854 | 150 | 33,694 | 7,275 | 574 | 2,036 | 9,175 | 8,733 | (27,468) | 232,808 |
| Financial expenses | (120,287) | (67,207) | (200,791) | (8,567) | (12,249) | (1,693) | (333) | (20,808) | (129) | - | (751) | (55) | (68,051) | (11,633) | (512,554) |
| Provision for allocation of PIS/COFINS credits update | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| OPERATIONAL EXPENSES / INCOME | 281,796 | 285,961 | 259,769 | 93,287 | 15,470 | (168,023) | (992) | 107,366 | 93,127 | 3,337 | 15,722 | 71,101 | 541,838 | (1,231,759) | 368,000 |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT | 99,078 | 67,264 | 64,498 | (27,842) | (2,774) | (10,945) | - | (14,907) | (29,475) | (436) | (1,219) | (21,228) | 205,251 | 39,501 | 366,766 |
| NET INCOME continuing operations | 380,874 | 353,225 | 324,267 | 179,202 | 12,696 | (267,492) | (992) | 92,459 | 63,652 | 2,901 | 14,503 | 49,873 | 747,089 | (1,217,491) | 734,766 |
| NET INCOME discontinued operations | (162,903) | - | - | (113,757) | - | 88,524 | - | - | - | - | - | - | (125,812) | 202,692 | (111,256) |
| NET INCOME | 217,971 | 353,225 | 324,267 | 65,445 | 12,696 | (178,968) | (992) | 92,459 | 63,652 | 2,901 | 14,503 | 49,873 | 621,277 | (1,014,798) | 623,510 |
| Attributed to shareholders of the parent company - continuing operations | 380,874 | 353,225 | 324,267 | - | 8,887 | - | (992) | 92,459 | 63,652 | 2,901 | 14,503 | 49,873 | 584,185 | (1,140,611) | 733,224 |
| Attributed to the controlling company's shareholders - discontinued operations | (162,903) | - | - | 33,377 | - | (145,323) | - | - | - | - | - | - | 37,092 | 125,810 | (111,947) |
| Attributed to non-controlling shareholders - continuing operations | - | - | - | - | 3,809 | - | - | - | - | - | - | - | - | - | 3,809 |
| Attributed to non-controlling shareholders - discontinued operations | - | - | - | 32,069 | - | (33,645) | - | - | - | - | - | - | - | - | (1,576) |
| EBITDA continuing operations | 473,298 | 344,747 | 441,943 | 97,140 | 29,581 | (163,270) | (264) | 149,799 | 117,878 | 5,563 | 14,444 | 62,079 | 601,788 | (1,208,765) | 965,961 |

Exhibit II- RESULT BY SUBSIDIARY > INCOME STATEMENT BY COMPANY ACCUMULATED
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| Income Statement 2023 | GET | | Distribuição | Compogas | Elejor | UEG Araucária | Serviços | Wind Farms | FDA | Bela Vista | C. Oeste, Marumbi, Uirapuru | Mercado Livre | Holding | Elimination | Consolidated |
|--|--------------------|------------------|---------------------|------------------|-----------------|---------------|----------------|------------------|------------------|-----------------|-----------------------------|--------------------|------------------|--------------------|---------------------|
| | Geração | Transmissão | | | | | | | | | | | | | |
| NET OPERATING INCOME | 2,523,737 | 1,034,167 | 15,085,707 | 978,581 | 140,757 | - | - | 782,111 | 755,449 | 29,754 | 67,695 | 4,056,904 | - | (3,975,394) | 21,479,468 |
| Electricity sales to final customers | 6 | (6) | 5,663,429 | - | - | - | - | - | - | - | - | 2,284,271 | - | (1,532) | 7,946,168 |
| Electricity sales to distributors | 2,463,377 | - | 164,825 | - | 139,968 | - | - | 781,534 | 755,433 | 29,754 | - | 1,761,200 | - | (2,493,303) | 3,602,788 |
| Use of the main distribution and transmission grid (TUSD/ TUST) | - | 908,902 | 5,468,715 | - | - | - | - | - | - | - | 67,969 | - | - | (443,394) | 6,002,192 |
| Construction revenue | - | 99,549 | 2,234,539 | 17,010 | - | - | - | - | - | - | (301) | - | - | (17,010) | 2,333,787 |
| Fair value of assets from the indemnity for the concession | - | - | 62,167 | - | - | - | - | - | - | - | - | - | - | - | 62,167 |
| Distribution of piped gas | - | - | - | 961,567 | - | - | - | - | - | - | - | - | - | (961,567) | - |
| Sectoral assets and liabilities result | - | - | 971,203 | - | - | - | - | - | - | - | - | - | - | - | 971,203 |
| Other operating revenues | 60,354 | 25,722 | 520,829 | 4 | 789 | - | - | 577 | 16 | - | 27 | 11,433 | - | (58,588) | 561,163 |
| OPERATING COSTS AND EXPENSES | (1,336,235) | (477,353) | (13,983,117) | (814,455) | (92,793) | 4,674 | (2,606) | (532,931) | (432,953) | (23,618) | (9,417) | (3,948,287) | (216,087) | 3,772,614 | (18,092,563) |
| Energy purchased for resale | (123,926) | (14,741) | (6,074,752) | - | (1,073) | (3,282) | - | (23,261) | (61,983) | (673) | - | (3,908,484) | - | 2,495,985 | (7,716,190) |
| Charges of the main distribution and transmission grid | (373,875) | - | (2,715,273) | - | (24,149) | (35,362) | - | (64,281) | (159,227) | (1,335) | - | - | - | 476,792 | (2,896,710) |
| Personnel and management | (334,294) | (246,379) | (1,174,906) | (43,201) | (4,991) | (6,381) | (62) | (18,779) | (3,036) | (1,306) | (1,014) | (21,133) | (72,432) | 49,582 | (1,878,332) |
| Private pension and health plans | (46,035) | (32,882) | (167,533) | (6,222) | (196) | (733) | (10) | (2,214) | (356) | (96) | (121) | (1,877) | (8,839) | 6,955 | (260,159) |
| Materials and supplies | (10,932) | (5,374) | (74,501) | (1,574) | (248) | (40) | (212) | (4,725) | (1,644) | (3,363) | (209) | (77) | (1,384) | 1,616 | (102,667) |
| Materials and supplies for power electricity | (17,654) | - | - | - | - | (1,459) | - | - | - | - | - | - | - | 1,459 | (17,654) |
| Natural gas and supplies for gas business | - | - | - | (678,885) | - | - | - | - | - | - | - | - | - | 678,885 | - |
| Third-party services | (104,178) | (49,586) | (643,999) | (13,861) | (16,355) | (21,096) | (1,594) | (117,604) | (32,052) | (4,589) | (6,671) | (3,389) | (65,775) | 84,437 | (996,312) |
| Depreciation and amortization | (378,112) | (16,167) | (521,301) | (41,148) | (33,863) | (21,588) | (1,668) | (259,228) | (127,732) | (11,201) | (40) | (2,003) | (3,017) | 35,028 | (1,382,040) |
| Provisions and reversals | 168,260 | (20,712) | (201,083) | (548) | - | 97,811 | - | 6,116 | (50) | (1) | (425) | (3,927) | (47,348) | (90,328) | (92,235) |
| Construction cost | - | (85,482) | (2,234,539) | (17,010) | - | - | - | - | - | - | 301 | - | - | 17,010 | (2,319,720) |
| Renegotiation of Hydrological Risk - GSF - HPP Mauá | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other operating costs and expenses | (115,489) | (6,030) | (175,230) | (12,006) | (11,918) | (3,196) | 940 | (48,955) | (46,873) | (1,054) | (1,238) | (7,396) | (17,292) | 15,193 | (430,544) |
| EQUITY IN EARNINGS OF SUBSIDIARIES | 305,369 | 347,703 | - | - | - | - | - | 86,058 | - | - | - | - | 2,332,609 | (2,763,930) | 307,809 |
| EARNINGS BEFORE INCOME TAXES | 1,492,871 | 904,517 | 1,102,590 | 164,126 | 47,964 | 4,674 | (2,606) | 335,238 | 322,496 | 6,136 | 58,278 | 108,618 | 2,116,522 | (2,966,710) | 3,694,714 |
| FINANCIAL RESULTS | (381,271) | (284,257) | (475,102) | (11,757) | (43,569) | 2,856 | (656) | (115,435) | 26,634 | 3,296 | 6,655 | 37,861 | 30,212 | (456) | (1,204,990) |
| Financial income | 106,496 | 57,636 | 479,944 | 36,559 | 90,509 | 9,803 | 497 | 133,035 | 27,294 | 3,304 | 9,286 | 38,577 | 145,881 | (69,705) | 1,069,116 |
| Financial expenses | (487,767) | (341,893) | (955,046) | (48,316) | (134,078) | (6,947) | (1,153) | (248,470) | (660) | (8) | (2,631) | (717) | (115,669) | 69,249 | (2,274,106) |
| OPERATIONAL EXPENSES / INCOME | 1,111,600 | 620,260 | 627,488 | 152,369 | 4,395 | 7,530 | (3,262) | 219,803 | 349,130 | 9,432 | 64,933 | 146,479 | 2,146,734 | (2,967,166) | 2,489,724 |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT | (60,404) | (20,420) | (58,368) | (40,750) | (1,487) | 36,795 | - | (67,057) | (115,615) | (2,900) | (5,347) | (40,928) | 11,343 | 11,081 | (354,057) |
| NET INCOME continuing operations | 1,051,196 | 599,840 | 569,121 | 111,619 | 2,908 | 44,325 | (3,262) | 152,746 | 233,515 | 6,532 | 59,586 | 105,550 | 2,158,077 | (2,956,085) | 2,135,667 |
| NET INCOME discontinued operations | 30,134 | - | - | - | - | - | - | - | - | - | - | - | 100,733 | 60,634 | 191,501 |
| NET INCOME | 1,081,330 | 599,840 | 569,121 | 111,619 | 2,908 | 44,325 | (3,262) | 152,746 | 233,515 | 6,532 | 59,586 | 105,550 | 2,258,810 | (2,895,451) | 2,327,168 |
| Attributed to shareholders of the parent company - continuing operations | 1,051,196 | 599,840 | 569,121 | - | 2,036 | - | (3,262) | 152,746 | 233,515 | 6,532 | 59,586 | 105,550 | 2,188,210 | (2,806,994) | 2,158,077 |
| Attributed to the controlling company's shareholders - discontinued operations | 30,134 | - | - | 56,926 | - | 35,992 | - | - | - | - | - | - | 70,600 | (92,912) | 100,733 |
| Attributed to non-controlling shareholders - continuing operations | - | - | - | - | 873 | - | - | - | - | - | - | - | - | - | 873 |
| Attributed to non-controlling shareholders - discontinued operations | - | - | - | 54,693 | - | 8,333 | - | - | - | - | - | - | - | 4,455 | 67,485 |
| EBITDA continuing operations | 1,870,983 | 920,684 | 1,623,891 | 205,274 | 81,827 | 26,262 | (938) | 594,466 | 450,228 | 17,337 | 58,318 | 110,620 | 2,119,539 | (3,001,738) | 5,076,754 |

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| Income Statement 2022 | GET | | Distribuição | Compagas | Elejr | UEG Aracária | Serviços | Wind Farms | FDA | Bela Vista | C. Oeste, Marumbi, Uirapuru | Mercado Livre | Holding | Elimination | Consolidated |
|--|--------------------|------------------|---------------------|--------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|-----------------------------|--------------------|------------------|--------------------|---------------------|
| | Geração | Transmissão | | | | | | | | | | | | | |
| NET OPERATING INCOME | 2,511,145 | 1,041,939 | 13,903,300 | 1,297,034 | 194,287 | 98,508 | 8,014 | 588,519 | 743,002 | 30,249 | 103,908 | 4,938,368 | - | (4,922,932) | 20,535,341 |
| Electricity sales to final customers | 103 | - | 5,236,339 | - | - | - | - | - | - | - | - | 2,275,872 | - | (2,277) | 7,510,037 |
| Electricity sales to distributors | 2,436,222 | - | 266,991 | - | 194,052 | 98,508 | - | 583,222 | 742,981 | 30,249 | - | 2,620,535 | - | (3,158,351) | 3,814,409 |
| Use of the main distribution and transmission grid (TUSD/ TUST) | - | 898,353 | 4,221,011 | - | - | - | - | - | - | - | 102,942 | - | - | (393,465) | 4,828,841 |
| Construction revenue | - | 115,171 | 2,048,022 | 12,024 | - | - | - | - | - | - | 941 | - | - | (12,024) | 2,164,134 |
| Fair value of assets from the indemnity for the concession | - | - | 79,169 | 10,772 | - | - | - | - | - | - | - | - | - | (10,772) | 79,169 |
| Distribution of piped gas | - | - | - | 1,262,658 | - | - | - | - | - | - | - | - | - | (1,262,658) | - |
| Sectoral assets and liabilities result | - | - | 1,676,936 | - | - | - | - | - | - | - | - | - | - | (0) | 1,676,936 |
| Other operating revenues | 74,820 | 28,415 | 374,832 | 11,580 | 235 | - | 8,014 | 5,297 | 21 | - | 25 | 41,961 | - | (83,385) | 461,815 |
| OPERATING COSTS AND EXPENSES | (1,553,242) | (306,202) | (13,418,798) | (1,076,181) | (86,033) | (365,522) | (10,864) | (400,945) | (398,843) | (19,493) | (9,074) | (4,814,710) | (553,266) | 4,948,027 | (18,065,146) |
| Energy purchased for resale | (341,302) | - | (5,980,124) | - | (142) | - | - | (14,383) | (28,632) | (1,751) | - | (4,790,427) | - | 3,059,851 | (8,096,910) |
| Charges of the main distribution and transmission grid | (344,501) | - | (2,313,203) | - | (23,425) | (33,129) | - | (48,461) | (148,610) | (1,296) | - | - | - | 424,628 | (2,487,997) |
| Personnel and management | (178,225) | (122,623) | (599,121) | (42,166) | (4,738) | (6,791) | (3,387) | (13,897) | (2,790) | (1,300) | (905) | (12,712) | (38,207) | 48,958 | (977,904) |
| Private pension and health plans | (46,283) | (30,851) | (169,493) | (5,366) | (252) | (618) | (2,924) | (1,452) | (297) | (76) | (97) | (1,787) | (6,685) | 5,984 | (260,197) |
| Materials | (11,041) | (5,185) | (71,302) | (1,644) | (630) | (263) | (52) | (440) | (853) | (9) | (112) | (53) | (864) | 1,907 | (90,541) |
| Raw material and supplies - energy production | (9,349) | - | - | - | - | (113,930) | - | - | - | - | - | - | - | 113,930 | (9,349) |
| Natural gas and supplies for gas business | - | - | - | (939,516) | - | - | - | - | - | - | - | - | - | 939,516 | - |
| Third-party services | (87,466) | (36,748) | (505,407) | (13,316) | (16,781) | (45,902) | (2,439) | (82,116) | (38,785) | (2,625) | (6,128) | (2,665) | (38,794) | 124,621 | (754,551) |
| Depreciation and amortization | (374,150) | (13,662) | (454,307) | (44,190) | (30,474) | (23,694) | (2,085) | (200,052) | (134,432) | (11,164) | (30) | (353) | (2,504) | 58,000 | (1,233,097) |
| Provisions and reversals | 11,505 | (3,847) | (281,895) | (2,717) | - | (110,968) | 59 | (2,065) | (7) | (91) | (30) | (1,724) | (441,160) | 115,409 | (717,531) |
| Construction cost | - | (88,225) | (2,048,022) | (12,024) | - | - | - | - | - | - | (941) | - | - | 12,024 | (2,137,188) |
| Other operating costs and expenses | (172,430) | (5,061) | (185,361) | (15,242) | (9,591) | (30,227) | (36) | (38,079) | (44,437) | (1,181) | (831) | (4,989) | (25,052) | 43,199 | (489,318) |
| PROVISION FOR ALLOCATION OF PIS AND COFINS | - | - | (810,563) | - | - | - | - | - | - | - | - | - | - | - | (810,563) |
| EQUITY IN EARNINGS OF SUBSIDIARIES | 307,565 | 547,702 | - | - | - | - | - | 75,322 | - | - | - | - | 1,746,263 | (2,198,275) | 478,577 |
| EARNINGS BEFORE INCOME TAXES | 1,265,468 | 1,283,439 | 484,502 | 220,853 | 108,254 | (267,014) | (2,850) | 262,896 | 344,159 | 10,756 | 94,834 | 123,658 | 1,192,997 | (2,173,180) | 2,948,772 |
| FINANCIAL RESULTS | (351,940) | (217,582) | (1,169,741) | 28,440 | (113,102) | 11,407 | 345 | (92,530) | 24,714 | 1,405 | 3,810 | 32,376 | (119,717) | (43,769) | (2,005,884) |
| Financial income | 104,228 | 51,661 | 593,726 | 56,730 | 19,069 | 19,694 | 1,633 | 111,378 | 25,236 | 1,405 | 6,854 | 32,667 | 57,658 | (125,526) | 956,413 |
| Financial expenses | (456,168) | (269,243) | (752,097) | (28,290) | (132,171) | (8,287) | (1,288) | (203,908) | (522) | - | (3,044) | (291) | (177,375) | 81,757 | (1,950,927) |
| Update of provision for allocation of PIS and Cofins credits | - | - | (1,011,370) | - | - | - | - | - | - | - | - | - | - | - | (1,011,370) |
| OPERATIONAL EXPENSES / INCOME | 913,528 | 1,065,857 | (685,239) | 249,293 | (4,848) | (255,607) | (2,505) | 170,366 | 368,873 | 12,161 | 98,644 | 156,034 | 1,073,280 | (2,216,949) | 942,888 |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT | (60,605) | (51,824) | 455,465 | (70,091) | 4,157 | (11,885) | - | (53,572) | (123,452) | (1,421) | (5,608) | (47,658) | 164,539 | 83,054 | 281,099 |
| NET INCOME continuing operations | 852,923 | 1,014,033 | (229,774) | 179,202 | (691) | (267,492) | (2,505) | 116,794 | 245,421 | 10,740 | 93,036 | 108,376 | 1,237,819 | (2,133,895) | 1,223,987 |
| NET INCOME discontinued operations | (162,903) | - | - | - | - | - | - | - | - | - | - | - | (125,812) | 214,049 | (74,666) |
| NET INCOME | 690,020 | 1,014,033 | (229,774) | 179,202 | (691) | (267,492) | (2,505) | 116,794 | 245,421 | 10,740 | 93,036 | 108,376 | 1,112,007 | (1,919,845) | 1,149,321 |
| Attributed to shareholders of the parent company - continuing operations | 852,923 | 1,014,033 | (229,774) | - | (484) | - | (2,505) | 116,794 | 245,421 | 10,740 | 93,036 | 108,376 | 1,074,915 | (2,045,657) | 1,237,819 |
| Attributed to the controlling company's shareholders - discontinued operations | (162,903) | - | - | 91,393 | - | (217,204) | - | - | - | - | - | - | 37,092 | 125,810 | (125,812) |
| Attributed to non-controlling shareholders - continuing operations | - | - | - | - | (207) | - | - | - | - | - | - | - | - | - | (207) |
| Attributed to non-controlling shareholders - discontinued operations | - | - | - | 87,809 | - | (50,288) | - | - | - | - | - | - | - | - | 37,521 |
| EBITDA continuing operations | 1,639,618 | 1,297,101 | 938,809 | 265,043 | 138,728 | (243,320) | (765) | 462,948 | 478,591 | 21,920 | 94,864 | 124,011 | 1,195,501 | (2,231,180) | 4,181,869 |

Exhibit II- RESULT BY SUBSIDIARY > ASSETS BY COMPANY
RS'000

| Assets - December -2023 | Geração e Transmissão | Distribuição | Compagas | Elejor | UEG Araucária | Serviços | Wind Farms | FDA | Bela Vista | Costa Oeste, Marumbi, Uirapuru | Mercado Livre | Holding | Eliminations | Consolidated |
|---|------------------------------|---------------------|------------------|----------------|----------------------|-----------------|-------------------|----------------|-------------------|---------------------------------------|----------------------|-------------------|---------------------|---------------------|
| CURRENT | 2,483,103 | 5,153,666 | 240,017 | 209,323 | 36,580 | 13,598 | 1,008,543 | 442,162 | 38,993 | 110,409 | 1,074,359 | 4,820,021 | (1,915,044) | 13,715,730 |
| Cash and cash equivalents | 1,008,767 | 626,708 | 101,437 | 166,544 | 22,354 | 3,290 | 831,553 | 353,241 | 34,999 | 83,343 | 294,762 | 2,231,413 | (123,788) | 5,634,623 |
| Bonds and securities | - | - | - | - | - | 4,670 | - | - | - | - | - | 93 | - | 4,763 |
| Collaterals and escrow accounts | - | 9 | 211 | - | - | - | - | - | - | - | - | - | (211) | 9 |
| Customers | 425,448 | 2,973,010 | 83,153 | 21,157 | - | - | 115,672 | 84,309 | 3,074 | 7,976 | 382,264 | - | (334,893) | 3,761,170 |
| Dividends receivable | 212,944 | - | - | - | - | - | 19,883 | - | - | - | - | 1,942,406 | (2,079,664) | 95,569 |
| Sectorial financial assets | - | 15,473 | - | - | - | - | - | - | - | - | - | - | - | 15,473 |
| Account receivable related to concession | 9,354 | - | - | - | - | - | - | - | - | - | - | - | - | 9,354 |
| Contract Assets | 268,260 | - | - | - | - | - | - | - | - | 16,356 | - | - | - | 284,616 |
| Other current receivables | 118,627 | 435,619 | 43,950 | 9,398 | 1 | 3,120 | 5,968 | 252 | - | 653 | 383,243 | 2,431 | (53,530) | 949,732 |
| Inventories | 37,923 | 131,927 | 5,383 | 264 | - | 16 | 4,375 | 16 | - | 205 | - | - | (5,383) | 174,726 |
| Income tax and social contribution | 150,720 | 1,259 | 5,326 | 10,217 | 13,909 | 1,937 | 19,316 | 2,586 | 491 | 1,644 | 13,516 | 113,532 | (19,235) | 315,218 |
| Other current recoverable taxes | 18,688 | 922,450 | 8 | - | - | 565 | 102 | 1,180 | 23 | - | 333 | - | (6) | 943,343 |
| Prepaid expenses | 11,334 | 37,807 | 549 | 1,743 | 316 | - | 8,631 | 578 | 406 | 232 | 241 | 1,897 | (865) | 62,869 |
| Related parties | 24,474 | 9,404 | - | - | - | - | 3,043 | - | - | - | - | 54 | (35,639) | 1,336 |
| Assets held for sale | 196,564 | - | - | - | - | - | - | - | - | - | - | 528,195 | 738,170 | 1,462,929 |
| NON-CURRENT | 20,868,273 | 16,677,461 | 783,607 | 594,827 | 386,787 | 49,078 | 8,125,742 | 452,885 | 196,589 | 491,174 | 750,631 | 20,538,876 | (27,812,586) | 42,103,344 |
| Long Term Assets | 5,886,631 | 8,229,821 | 73,274 | 83,192 | 98,157 | 593 | 609,417 | 18,922 | 224 | 490,861 | 740,114 | 611,187 | (498,956) | 16,343,437 |
| Bonds and securities | 136,591 | 1,005 | - | - | - | - | 330,401 | 16,388 | - | 4,410 | 1,937 | - | - | 490,732 |
| Other temporary investments | - | - | - | - | - | - | - | - | - | - | - | 31,728 | - | 31,728 |
| Customers | - | 105,259 | - | - | - | - | - | - | - | - | - | - | - | 105,259 |
| Judicial deposits | 94,368 | 380,433 | 61 | - | 41 | 593 | 81 | - | 218 | - | 15,647 | 143,371 | (101) | 634,712 |
| Sectorial financial assets | - | 15,473 | - | - | - | - | - | - | - | - | - | - | - | 15,473 |
| Account receivable related to concession | 855,222 | 1,954,679 | - | - | - | - | - | - | - | - | - | - | - | 2,809,901 |
| Contract Assets | 4,639,497 | 2,201,958 | 44,039 | - | - | - | - | - | - | 486,451 | - | - | (51,500) | 7,320,445 |
| Other non-current receivables | 81,646 | 44,839 | 29,174 | 2,507 | - | - | 44 | 1,859 | - | - | 722,423 | 18 | (29,170) | 853,340 |
| Income tax and social contribution | 508 | 66,123 | - | 1,301 | - | - | - | - | - | - | 71 | - | - | 68,003 |
| Deferred income tax and social contribution | - | 1,324,670 | - | 73,533 | 73,066 | - | - | - | - | - | - | 359,485 | (73,066) | 1,757,688 |
| Other non-current recoverable taxes | 78,799 | 2,135,382 | - | - | 25,050 | - | 178 | 675 | 6 | - | 36 | 41,078 | (25,048) | 2,256,156 |
| Related parties | - | - | - | 5,851 | - | - | 278,713 | - | - | - | - | 35,507 | (320,071) | - |
| Investments | 8,629,485 | 443 | - | - | - | - | 2,788,839 | - | - | - | - | 19,906,237 | (27,813,207) | 3,511,797 |
| Property, plant and equipment, net | 5,259,216 | - | - | 326,291 | 288,602 | 43,881 | 4,676,981 | 318,527 | 191,085 | 247 | 770 | 8,424 | (288,603) | 10,825,421 |
| Intangible assets | 1,028,600 | 8,317,327 | 699,697 | 184,539 | 28 | 911 | 7,267 | 115,436 | 5,280 | 66 | 5,784 | 6,336 | 798,818 | 11,170,089 |
| Right to use an asset | 64,341 | 129,870 | 10,636 | 805 | - | 3,693 | 43,238 | - | - | - | 3,963 | 6,692 | (10,638) | 252,600 |
| TOTAL | 23,351,376 | 21,831,127 | 1,023,624 | 804,150 | 423,367 | 62,676 | 9,134,285 | 895,047 | 235,582 | 601,583 | 1,824,990 | 25,358,897 | (29,727,630) | 55,819,074 |

| Assets - December-2022 | Geração e Transmissão | Distribuição | Compagas | Elejor | UEG Araucária | Serviços | Wind Farms | FDA | Bela Vista | Costa Oeste, Marumbi, Uirapuru | Mercado Livre | Holding | Eliminations | Consolidated |
|---|-----------------------|-------------------|------------------|----------------|----------------|---------------|------------------|----------------|----------------|--------------------------------|------------------|-------------------|---------------------|-------------------|
| CURRENT | 1,647,236 | 4,937,240 | 282,714 | 224,833 | 97,587 | 6,075 | 937,476 | 376,804 | 26,828 | 94,931 | 990,867 | 1,180,872 | (1,476,214) | 9,327,249 |
| Cash and cash equivalents | 380,955 | 430,121 | 61,059 | 185,916 | 64,991 | 3,748 | 755,355 | 284,624 | 22,934 | 71,141 | 217,736 | 199,877 | - | 2,678,457 |
| Bonds and securities | - | - | - | - | - | - | - | - | - | - | - | 93 | - | 93 |
| Collaterals and escrow accounts | - | 90 | 67 | - | - | - | - | - | - | - | - | - | - | 157 |
| Customers | 389,967 | 2,429,434 | 128,589 | 23,272 | - | - | 97,594 | 88,764 | 2,997 | 7,184 | 475,170 | - | (300,921) | 3,342,050 |
| Dividends receivable | 352,718 | - | - | - | - | - | 45,676 | - | - | - | - | 824,143 | (1,084,207) | 138,330 |
| Sectorial financial assets | - | 190,699 | - | - | - | - | - | - | - | - | - | - | - | 190,699 |
| Account receivable related to concession | 8,603 | - | - | - | - | - | - | - | - | - | - | - | - | 8,603 |
| Contract Assets | 205,647 | - | - | - | - | - | - | - | - | 15,013 | - | - | - | 220,660 |
| Other current receivables | 137,224 | 408,462 | 49,518 | 12,237 | 5 | 2 | 5,616 | 2 | - | 66 | 292,962 | 977 | (9,691) | 897,380 |
| Inventories | 30,024 | 158,487 | 5,694 | 195 | - | 249 | - | - | - | 201 | - | - | - | 194,850 |
| Income tax and social contribution | 102,625 | 95,397 | 8,705 | 3,097 | 12,885 | 1,693 | 16,522 | 1,620 | 250 | 1,129 | 3,619 | 107,523 | - | 355,065 |
| Other current recoverable taxes | 11,312 | 1,178,192 | 28,505 | - | 19,705 | 241 | 120 | 1,225 | 16 | - | 378 | - | - | 1,239,694 |
| Prepaid expenses | 13,000 | 37,593 | 577 | 116 | - | 142 | 5,394 | 569 | 631 | 197 | 1,002 | 855 | - | 60,076 |
| Related parties | 15,162 | 8,765 | - | - | - | - | 11,199 | - | - | - | - | 47,404 | (81,395) | 1,135 |
| NON-CURRENT | 20,110,117 | 15,601,575 | 800,999 | 623,364 | 236,832 | 16,870 | 6,623,943 | 561,976 | 210,555 | 496,329 | 818,104 | 20,894,673 | (26,618,884) | 40,376,451 |
| Long Term Assets | 5,924,570 | 8,200,557 | 59,505 | 80,811 | 43,358 | 536 | 476,931 | 15,875 | 15 | 496,232 | 809,498 | 538,071 | (203,812) | 16,442,145 |
| Bonds and securities | 123,022 | 905 | - | - | - | - | 286,623 | 14,750 | - | 3,974 | 1,689 | - | - | 430,963 |
| Other temporary investments | - | - | - | - | - | - | - | - | - | - | - | 25,619 | - | 25,619 |
| Customers | - | 109,472 | - | - | - | - | 347 | - | - | - | - | - | - | 109,819 |
| Judicial deposits | 87,125 | 384,425 | 69 | 58 | 7,087 | 536 | 49 | - | - | - | 14,362 | 138,747 | - | 632,458 |
| Sectorial financial assets | - | 190,699 | - | - | - | - | - | - | - | - | - | - | - | 190,699 |
| Account receivable related to concession | 826,871 | 1,442,819 | - | - | - | - | - | - | - | - | - | - | - | 2,269,690 |
| Contract Assets | 4,607,214 | 2,332,171 | 30,032 | - | - | - | - | - | - | 490,785 | - | - | (8,183) | 7,452,019 |
| Other non-current receivables | 89,225 | 15,020 | 29,394 | 2,508 | - | - | - | 475 | - | 1,473 | 793,339 | 18 | - | 931,452 |
| Income tax and social contribution | 106,729 | 19,723 | - | 1,301 | - | - | - | - | - | - | 71 | - | - | 127,824 |
| Deferred income tax and social contribution | - | 1,203,057 | - | 71,094 | 36,271 | - | - | - | - | - | - | 333,877 | - | 1,644,299 |
| Other non-current recoverable taxes | 84,383 | 2,502,266 | - | - | - | - | 133 | 649 | 15 | - | 37 | 39,810 | - | 2,627,293 |
| Prepaid expenses | - | - | 10 | - | - | - | - | - | - | - | - | - | - | 10 |
| Related parties | - | - | - | 5,851 | - | - | 189,779 | - | - | - | - | - | (195,630) | - |
| Investments | 7,720,268 | 534 | - | - | - | - | 2,402,494 | - | - | - | - | 20,339,344 | (27,136,909) | 3,325,731 |
| Property, plant and equipment, net | 5,278,437 | - | - | 345,813 | 193,421 | 1,977 | 3,720,908 | 315,167 | 205,250 | 5 | 541 | 7,948 | - | 10,069,468 |
| Intangible assets | 1,126,526 | 7,257,827 | 726,107 | 195,778 | 53 | 1,263 | 1,104 | 230,934 | 5,288 | 92 | 6,193 | 4,724 | 721,837 | 10,277,727 |
| Right to use an asset | 60,316 | 142,657 | 15,387 | 962 | - | 13,094 | 22,506 | - | - | - | 1,872 | 4,586 | - | 261,380 |
| TOTAL | 21,757,353 | 20,538,815 | 1,083,713 | 848,198 | 334,418 | 22,946 | 7,561,419 | 938,779 | 237,382 | 591,260 | 1,808,971 | 22,075,545 | (28,095,099) | 49,703,700 |

Exhibit III - ENERGY MARKET> DISTRIBUTION AND TOTAL MARKET

| Copel's Total Market | Number of Customers / Agreements | | | Energy Sold (GWh) | | | | | |
|---|----------------------------------|------------------|-------------|-------------------|---------------|--------------|---------------|---------------|--------------|
| | Dec-23 | Dec-22 | Δ% | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Copel DIS | 5,098,389 | 5,011,883 | 1.7 | 5,668 | 5,961 | -4.9 | 22,645 | 23,471 | -3.5 |
| Captive Market | 5,098,006 | 5,011,555 | 1.7 | 5,321 | 4,746 | 12.1 | 20,173 | 19,370 | 4.1 |
| Concessionaries and Licensees | 2 | 2 | - | 23 | 22 | 4.5 | 89 | 91 | -2 |
| CCEE (Assignments MCSD EN) | 381 | 304 | 25.3 | 75 | 80 | -6.3 | 247 | 239 | 3.3 |
| CCEE (MVE) | - | 22 | - | - | 177 | - | - | 702 | - |
| CCEE (MCP) ² | - | - | - | 249 | 936 | -73.4 | 2,136 | 3,069 | -30.4 |
| Copel GeT | 360 | 284 | 26.8 | 5,600 | 5,060 | 10.7 | 16,532 | 17,344 | -4.7 |
| CCEAR (Copel DIS) | 3 | 3 | - | 93 | 92 | 1.1 | 122 | 123 | -0.8 |
| CCEAR (other concessionaries) | 101 | 101 | - | 2,031 | 1,668 | 21.8 | 3,772 | 2,215 | 70.3 |
| Free Customers | - | 1 | - | - | - | - | - | - | - |
| Bilateral Agreements (Copel Mercado Livre) | 252 | 175 | 44 | 3,054 | 3,015 | 1.3 | 12,180 | 13,893 | -12.3 |
| Bilateral Agreements ¹ | 4 | 4 | - | 43 | 36 | 19.4 | 270 | 259 | 4.2 |
| CCEE (MCP) ² | - | - | - | 379 | 249 | 52.2 | 188 | 854 | -78 |
| Wind Farms Complex | 565 | 363 | 55.6 | 1,159 | 886 | 30.9 | 4,447 | 3,215 | 38.3 |
| | 15 | 6 | 150 | 29 | 8 | 262.5 | 111 | 32 | 246.9 |
| CCEAR (other concessionaries) | 512 | 328 | 56.1 | 575 | 325 | 76.9 | 2,201 | 1,289 | 70.8 |
| CER | 10 | 10 | - | 231 | 231 | - | 916 | 916 | - |
| Bilateral Agreements (Copel Mercado Livre) | 8 | 9 | -11.1 | 148 | 140 | 5.7 | 598 | 374 | 59.9 |
| Bilateral Agreements | 20 | 10 | 100 | 172 | 148 | 16.7 | 621 | 482 | 28.8 |
| CCEE (MCP) ² | - | - | - | 4 | 34 | -88.2 | - | 122 | - |
| Copel Mercado Livre | 1,747 | 1,683 | 4.5 | 5,726 | 6,209 | -7.8 | 22,450 | 24,817 | -9.5 |
| Free Customers | 1,624 | 1,490 | 9.3 | 3,022 | 2,802 | 7.9 | 11,884 | 11,498 | 3.4 |
| Bilateral Agreements (Group Companies) | - | 16 | - | - | 309 | - | 504 | 1,208 | -58.3 |
| Bilateral Agreements | 123 | 177 | -35.5 | 2,704 | 3,051 | -11.4 | 9,819 | 11,949 | -17.8 |
| CCEE (MCP) ² | - | - | - | - | 47 | - | 243 | 162 | 50 |
| Total Copel | 5,101,061 | 5,014,213 | 1.7 | 18,153 | 18,116 | 0.2 | 66,074 | 68,847 | -4 |
| Eliminations (operations with Group companies) | | | | 3,264 | 4,083 | -20.1 | 10,251 | 11,690 | -12.3 |
| Total Consolidated Copel | | | | 14,889 | 14,033 | 6.1 | 55,823 | 57,157 | -2.3 |

Note: Not considering the energy from MRE (Energy Relocation Mechanism) and the energy from TPP Araucária sold in the CCEE Spot Market.

¹ Includes Short Term Sales Agreements and CBR

² Assured Power allocated in the period, after impact of the GSF.

CCEE: Electric Power Trade Chamber / CCEAR: Energy Purchase Agreements in the Regulated Market / MCP: Short Term Market / CER: Agreements Reserve Energy / MCSD EN - Mechanism for Compensation of Surpluses and Deficits of New Energy / MVE - MVE - Sale of energy to the free market through the Surplus Selling Mechanism.

| Copel's Dis Market | Number of Customers | | | Consumed Energy (GWh) | | | | | |
|---|---------------------|------------------|--------------|-----------------------|--------------|-------------|----------------|----------------|-------------|
| | Dec-23 | Dec-22 | Δ% | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Residential | 4,212,397 | 4,127,292 | 2.1 | 2,400 | 2,055 | 16.8 | 8,888 | 8,212 | 8.2 |
| Industrial | 69,134 | 69,731 | (0.9) | 3,098 | 3,047 | 1.7 | 12,292 | 12,250 | 0.3 |
| Captive | 67,858 | 68,618 | (1.1) | 478 | 507 | (5.7) | 1,942 | 2,102 | (7.6) |
| Free | 1,276 | 1,113 | 14.6 | 2,620 | 2,541 | 3.1 | 10,350 | 10,147 | 2.0 |
| Commercial | 440,749 | 431,417 | 2.2 | 1,787 | 1,518 | 17.7 | 6,734 | 6,256 | 7.7 |
| Captive | 439,039 | 429,962 | 2.1 | 1,202 | 1,049 | 14.7 | 4,520 | 4,294 | 5.2 |
| Free | 1,710 | 1,455 | 17.5 | 585 | 470 | 24.5 | 2,215 | 1,961 | 12.9 |
| Rural | 323,481 | 331,987 | (2.6) | 643 | 571 | 12.6 | 2,516 | 2,487 | 1.2 |
| Captive | 323,408 | 331,938 | (2.6) | 598 | 536 | 11.5 | 2,352 | 2,357 | (0.2) |
| Free | 73 | 49 | 49.0 | 45 | 35 | 28.9 | 165 | 130 | 27.1 |
| Others | 55,316 | 53,757 | 2.9 | 644 | 601 | 7.1 | 2,480 | 2,411 | 2.8 |
| Captive | 55,304 | 53,745 | 2.9 | 642 | 599 | 7.1 | 2,472 | 2,405 | 2.8 |
| Free | 12 | 12 | - | 2 | 2 | - | 7 | 7 | - |
| Total Captive Market | 5,098,006 | 5,011,555 | 1.7 | 5,321 | 4,746 | 12.1 | 20,173 | 19,370 | 4.1 |
| Total Free Market | 3,071 | 2,629 | 16.8 | 3,252 | 3,047 | 6.7 | 12,737 | 12,244 | 4.0 |
| Supply to Concessionaries | 7 | 7 | - | 242 | 224 | 8.0 | 940 | 925 | 1.7 |
| Total Grid Market | 5,101,084 | 5,014,191 | 1.7 | 8,814 | 8,017 | 10.0 | 33,850 | 32,539 | 4.0 |
| Micro and Mini Distributed Energy Generation | 312,775 | 213,179 | 46.7 | (519) | (339) | 52.9 | (1,798) | (1,090) | 65.0 |
| Total Billed Market | | | | 8,296 | 7,678 | 8.0 | 32,052 | 31,449 | 1.9 |

Exhibit III - ENERGY MARKET > TARIFFS

| Supply Tariff (R\$/MWh) | Amount Average MW | Dec-23 | Dec-22 | Δ% |
|--|----------------------|---------------|---------------|-------------|
| Copel Geração e Transmissão | | | | |
| Auction CCEAR 2011 - 2040 (HPP Mauá) | 102 | 288.50 | 277.07 | 4.1% |
| Auction CCEAR 2013 - 2042 (SHP Cavernoso II) | 8 | 313.24 | 302.31 | 3.6% |
| Auction - CCEAR 2015 - 2044 (HPP Colider) | 130 | 220.13 | 211.44 | 4.1% |
| Auction - CCEAR 2018 - 2048 (HPP Baixo Iguaçu) | 38 | 228.94 | 220.04 | 4.0% |
| Auction - CCEAR 2024 - 2053 (HPP Baixo Iguaçu) | * | | | |
| Auction - CCEAR 2024 - 2053 (SHP Bela Vista) | * | | | |
| Copel Distribuição | | | | |
| Concession holders in the State of Paraná | 14 | 273.04 | 262.70 | 3.9% |
| Total / Tariff Weighted Average Supply | 292 | 250.25 | 240.43 | 4.1% |

Contains PIS and COFINS. Net of ICMS.

*Supply contract from January/2024. Auction prices, updated by IPCA until Dec/23 (Reference Jan/24), for HPP Baixo Iguaçu R\$ 202.99 and SHP Bela Vista R\$ 261.90. Source: CCEE

| Purchase Tariff - Copel Distribuição (R\$/MWh) | Amount Average MW | Dec-23 | Dec-22 | Δ% |
|--|----------------------|---------------|---------------|--------------|
| Itaipu ¹ | 516.0 | 214.53 | 279.57 | -23.3% |
| Auction – CCEAR 2010 – H30 | 71.3 | 301.39 | 289.97 | 3.9% |
| Auction – CCEAR 2010 – T15 ² | 60.1 | 256.60 | 185.46 | 38.4% |
| Auction – CCEAR 2011 – H30 | 58.9 | 310.73 | 298.96 | 3.9% |
| Auction – CCEAR 2011 – T15 ² | 54.2 | 298.41 | 229.16 | 30.2% |
| Auction – CCEAR 2012 – T15 ² | 107.5 | 219.98 | 171.88 | 28.0% |
| Auction – CCEAR 2016 – T20 ² | 26.6 | (790.93) | 207.85 | -480.5% |
| Angra | 99.5 | 337.00 | 335.41 | 0.5% |
| CCGF ³ | 532.4 | 158.89 | 133.23 | 19.3% |
| Santo Antônio | 140.6 | 192.84 | 185.53 | 3.9% |
| Jirau | 234.0 | 169.67 | 163.25 | 3.9% |
| Others Auctions ⁴ | 785.0 | 210.83 | 230.95 | -8.7% |
| Total / Average Purchase Tariff | 2,686.1 | 199.24 | 212.12 | -6.1% |

Contains PIS and COFINS

¹ Furnas transport charge not included.

² Average auction price restated according as bilateral payment to vendors. It does not include

³ Contract of quotas of assured power of those HPPs which concessions were extended pursuant

⁴ Products average price, does not include PROINFA.

*The table has been updated for all periods as new calculation methodology for average prices, a result of the 4th phase of the Public Hearing 78/2011 Aneel approved on 03.28.2016.

| Retail Tariff - Copel Distribuição (R\$/MWh) | Dec-23 | Dec-22 | Δ% |
|--|---------------|---------------|--------------|
| Industrial | 555.58 | 506.44 | 9.7% |
| Residential | 551.81 | 530.23 | 4.1% |
| Commercial | 619.93 | 598 | 3.7% |
| Rural | 606.40 | 570.28 | 6.3% |
| Other | 462.82 | 407.55 | 13.6% |
| Retail Tariff supply average tariff | 618.52 | 583.46 | 6.0% |
| Demand average tariff (R\$/kW) | 38.24 | 29.82 | 28.2% |

Does not consider tariff flags, Pis/Pasep and net of ICMS.

Exhibit III - ENERGY MARKET> ELECTRICITY PURCHASED AND CHARGES

| | R\$'000 | | | | | |
|---|------------------|------------------|--------------|------------------|------------------|--------------|
| Electricity Purchased for Resale | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Purchase of energy in the regulated party - CCEAR | 925,266 | 917,953 | 0.8 | 3,658,852 | 3,538,507 | 3.4 |
| Itaipu Binacional | 252,378 | 368,504 | (31.5) | 980,302 | 1,460,955 | (32.9) |
| Câmara de Comercialização de Energia - CCEE | 79,778 | 67,738 | 17.8 | 431,303 | 370,207 | 16.5 |
| Micro and mini generators and customer repurchase | 346,162 | 197,863 | 75.0 | 1,125,857 | 675,804 | 66.6 |
| Proinfa | 93,763 | 107,315 | (12.6) | 370,495 | 437,461 | (15.3) |
| Bilateral Agreements | 547,379 | 669,906 | (18.3) | 1,998,640 | 2,609,713 | (23.4) |
| Fair value in the purchase and sale of energy | (6,347) | (4,139) | 53.3 | - | - | - |
| (-) PIS/Pasep and Cofins | (216,315) | (252,353) | (14.3) | (849,259) | (995,737) | (14.7) |
| TOTAL | 2,022,064 | 2,072,787 | (2.4) | 7,716,190 | 8,096,910 | (4.7) |

| | R\$'000 | | | | | |
|---|----------------|----------------|-------------|------------------|------------------|-------------|
| Charges of the main distribution and transmission grid | 4Q23 | 4Q22 | Δ% | 2023 | 2022 | Δ% |
| Itaipu transportation charges | 55,063 | 40,529 | 35.9 | 188,817 | 150,158 | 25.7 |
| System Service Charges - ESS | 38,564 | 1,260 | - | 79,358 | 340,254 | (76.7) |
| System usage charges | 668,698 | 561,868 | 19.0 | 2,494,191 | 1,982,465 | 25.8 |
| Charge reserve energy - EER | 104,725 | 97,462 | 7.5 | 452,513 | 297,057 | 52.3 |
| System usage charges - Provisions | (85) | (73) | 16.8 | 11,595 | 2,031 | 470.7 |
| (-) PIS / Pasep and Cofins taxes on charges for use of power grid | (88,745) | (71,777) | 23.6 | (329,766) | (283,968) | 16.1 |
| TOTAL | 778,220 | 629,269 | 23.7 | 2,896,708 | 2,487,997 | 16.4 |

Exhibit III - ENERGY MARKET > ENERGY BALANCE

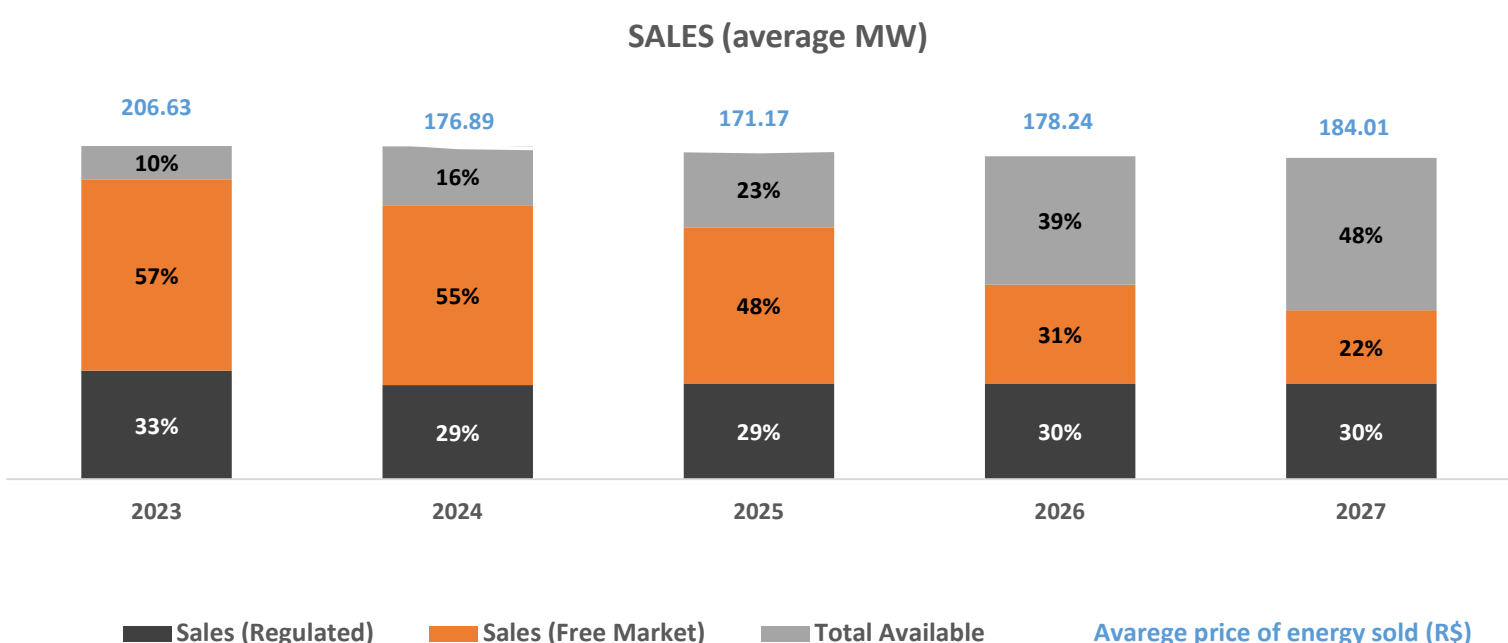
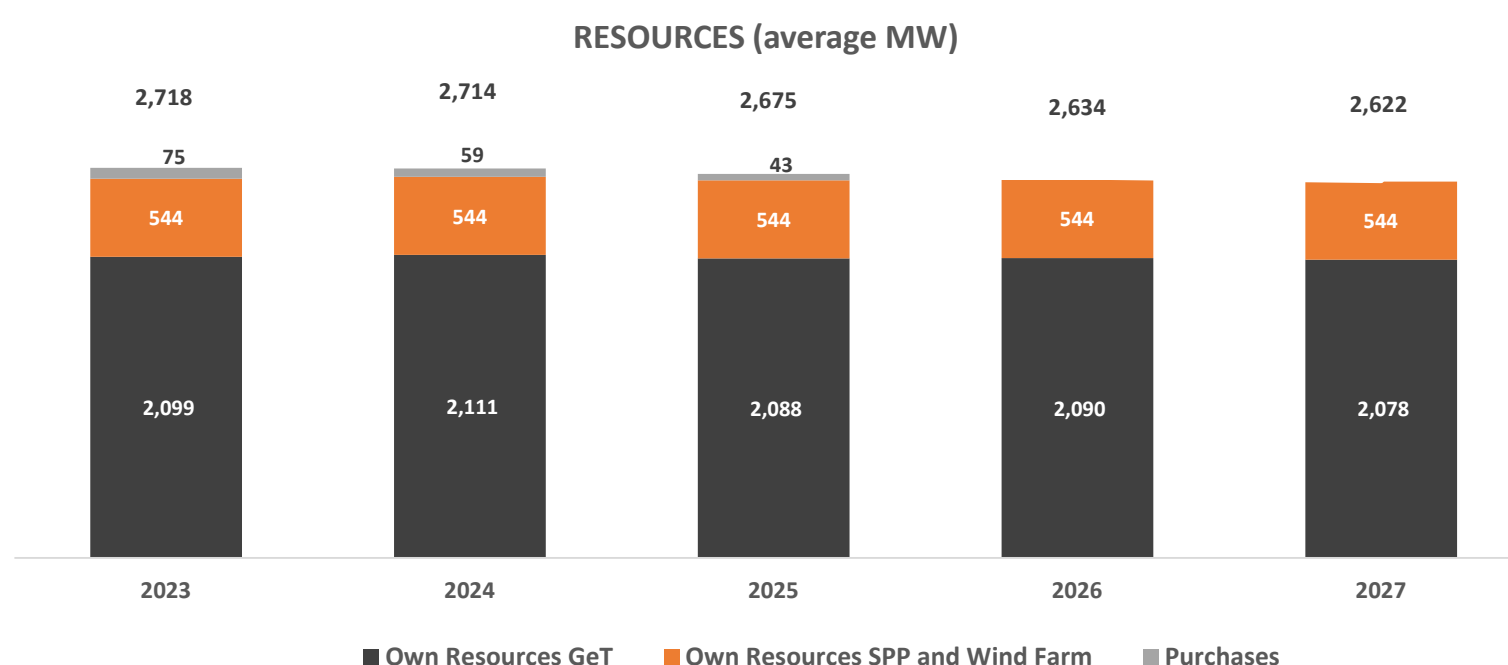
| | (average MW) | | | | |
|---|---------------|---------------|---------------|---------------|---------------|
| Energy Balance - Copel GET - Dec-23 | 2023 | 2024 | 2025 | 2026 | 2027 |
| Own Resources GeT | 2,099 | 2,111 | 2,088 | 2,090 | 2,078 |
| GeT | 1,488 | 1,507 | 1,487 | 1,489 | 1,469 |
| GPS + Bela Vista + FDA | 611 | 604 | 601 | 601 | 609 |
| Own Resources SPP and Wind Farm | 544 | 544 | 544 | 544 | 544 |
| Purchases | 75 | 59 | 43 | - | - |
| TOTAL OWN RESOURCES + SOLD | 2,718 | 2,714 | 2,675 | 2,634 | 2,622 |
| TOTAL SOLD | 2,447 | 2,229 | 2,053 | 1,588 | 1,377 |
| Sales (Regulated) | 884 | 766 | 781 | 781 | 781 |
| Sales (Regulated) % | 33% | 29% | 29% | 30% | 30% |
| Sales (Free Market) | 1,563 | 1,463 | 1,272 | 807 | 596 |
| Sales (Free Market) % | 57% | 55% | 48% | 31% | 22% |
| Total Available | 271 | 485 | 622 | 1046 | 1245 |
| Total Available (%) | 10% | 16% | 23% | 39% | 48% |
| Avarege price of energy sold (R\$) | 206.63 | 176.89 | 171.17 | 178.24 | 184.01 |

Reference: December/23

Note: Considers Assured Power updated by Ordinance No. 709/2022 for: FDA, Segredo and Salto Caxias.

(1) Includes Mauá and Baixo Iguaçu Power Plants (proportional to the stake in the project) and GPS 30% (ex-CCGF). Does not include Elejor and Foz do Chopim.

(2) Does not include Voltália Wind Complex.



Comments:

- 1- Excluding losses and internal consumption.
- 2- Considering the GFs of wind SPEs constant for all periods.
- 3- Considering the Sales of wind SPEs constant for all periods.
- 4- Considering energy purchases in each period.
- 5 - Prices updated according to the contractual readjustment index, from the reference dates until December/2023.
- 6 - The GPS CCGF RAG is not considered in the calculation of average prices.
- 7 - Average gross energy prices (with PIS/COFINS and without ICMS)
- 8- Considers Assured Power updated by Ordinance No. 709/2022 for: FDA, Segredo and Salto Caxias.

Exhibit III - ENERGY MARKET > WIND POWER PRICES

| Wind Farms - Sold | Auction ¹ | Price (R\$) ² | Amount MW average/year | Start of Supply | End of Supply |
|--|----------------------|--------------------------|---------------------------|--------------------|------------------|
| São Bento Energia, Invest. e Part. S.A. | | | | | |
| GE Boa Vista S.A. | | 300.43 | 5.70 | | |
| GE Farol S.A. | 2º LFA | 291.67 | 9.10 | 01.01.2013 | 12.31.2032 |
| GE Olho D'Água S.A. | (08/26/2010) | 291.67 | 14.90 | | |
| GE São Bento do Norte S.A. | | 291.67 | 14.00 | | |
| Copel Brisa Potiguar S.A. | | | | | |
| Nova Asa Branca I Energias Renováveis S.A. | | 294.79 | 13.20 | | |
| Nova Asa Branca II Energias Renováveis S.A. | 2º LFA | 294.79 | 12.80 | 01.01.2013 | 12.31.2032 |
| Nova Asa Branca III Energias Renováveis S.A. | (08/26/2010) | 294.79 | 12.50 | | |
| Nova Eurus IV Energias Renováveis S.A. | | 294.79 | 13.70 | | |
| Santa Maria Energias Renováveis S.A. | | 207.75 | 15.70 | | |
| Santa Helena Energias Renováveis S.A. | 4º LER | 207.75 | 16.00 | 07.01.2014 | 06.30.2034 |
| Ventos de Santo Uriel S.A. | (08/18/2011) | 206.14 | 9.00 | | |
| Cutia | | | | | |
| UEE Cutia S.A. | | 244.37 | 9.60 | | |
| UEE Esperança do Nordeste S.A. | | 244.37 | 9.10 | | |
| UEE Guajiru S.A. | | 244.37 | 8.30 | | |
| UEE Jangada S.A. | 6º LER | 244.37 | 10.30 | 10.01.2017 | 09.30.2037 |
| UEE Maria Helena S.A. | (10/31/2014) | 244.37 | 12.00 | | |
| UEE Paraíso dos Ventos do Nordeste S.A. | | 244.37 | 10.60 | | |
| UEE Potiguar S.A. | | 244.37 | 11.30 | | |
| Bento Miguel | | | | | |
| CGE São Bento do Norte I S.A. | | 231.47 | 9.70 | | |
| CGE São Bento do Norte II S.A. | | 231.47 | 10.00 | | |
| CGE São Bento do Norte III S.A. | 20ª LEN | 231.47 | 9.60 | 01.01.2019 | 12.31.2038 |
| CGE São Miguel I S.A. | (11/28/2014) | 231.47 | 8.70 | | |
| CGE São Miguel II S.A. | | 231.47 | 8.40 | | |
| CGE São Miguel III S.A. | | 231.47 | 8.40 | | |
| Vilas | | | | | |
| Vila Ceará I (Antiga Vila Paraíba IV) | | 124.46 | 8.20 | | |
| Vila Maranhão I | 28ª LEN | 124.46 | 8.30 | 01.01.2024 | 12.31.2043 |
| Vila Maranhão II | (08/31/2018) | 124.46 | 8.30 | | |
| Vila Maranhão III (Antiga Vila Paraíba III) | | 124.46 | 8.20 | | |
| Vila Mato Grosso (Antiga Vila Alagoas III) | 29ª LEN | 103.83 | 3.30 | 01.01.2023 | 12.31.2042 |
| | (06/28/2019) | | | | |
| Jandaira | | | | | |
| Jandaira I | | 126.97 | 1.60 | | |
| Jandaira II | 30ª LEN | 126.97 | 4.10 | 01.01.2025 | 12.31.2044 |
| Jandaira III | (10/18/2019) | 126.97 | 4.40 | | |
| Jandaira IV | | 126.97 | 4.30 | | |
| Aventura | | | | | |
| Aventura II | | 134.22 | 11.70 | | |
| Aventura III | 26º LEN | 134.22 | 12.80 | 01.01.2023 | 12.31.2042 |
| Aventura IV | (20/12/2017) | 134.22 | 14.10 | | |
| Aventura V | | 134.22 | 15.00 | | |
| Santa Rosa & Mundo Novo | | | | | |
| Santa Rosa & Mundo Novo I | | 136.99 | 16.50 | | |
| Santa Rosa & Mundo Novo II | | 136.99 | 17.00 | | |
| Santa Rosa & Mundo Novo III | 26º LEN | 136.99 | 18.00 | 01.01.2023 | 12.31.2042 |
| Santa Rosa & Mundo Novo IV | (20/12/2017) | 136.99 | 7.50 | | |
| Santa Rosa & Mundo Novo V | | 136.99 | 8.10 | | |
| Voltália³ | | | | | |
| Carnaúbas | | 201.52 | 13.10 | | |
| Reduto | 04ª LER | 201.52 | 13.90 | 07.01.2014 | 06.30.2034 |
| Santo Cristo | (08/18/2011) | 201.52 | 14.80 | | |
| São João | | 201.52 | 14.30 | | |

¹LFA - Alternative Sources Auction/LER - Reserve Energy Auction/LEN - New Energy Auction.

² Price updated by IPCA until dec/2023 (Reference jan/24). Source: CCEE

³ Values presented refer to 100% of the Complex. Copel has a 49% stake in the project.

Exhibit III - ENERGY MARKET > ENERGY FLOW

GWh

| Energy Flow | COPEL DIS | | COPEL GET + FDA + BELA VISTA | | WIND POWER | | COPEL COM | | ELIMINATIONS | | CONSOLIDATED | |
|------------------------------------|--------------|--------------|---------------------------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|---------------|---------------|
| | 4Q23 | 4Q22 | 4Q23 | 4Q22 | 4Q23 | 4Q22 | 4Q23 | 4Q22 | 4Q23 | 4Q22 | 4Q23 | 4Q22 |
| Own Generation | | | 6,995 | 6,979 | 1,092 | 887 | | | | | 8,087 | 7,866 |
| Purchased energy | 6,122 | 6,455 | 151 | 370 | - | - | 5,726 | 6,209 | 3,264 | 3,884 | 8,735 | 9,150 |
| Copel Mercado Livre | | | - | 309 | - | - | | | - | 309 | - | - |
| Companies of the group | 60 | 39 | | | - | | 3,204 | 3,536 | 3,264 | 3,575 | - | - |
| Itaipu | 1,200 | 1,329 | | | | | | | | | 1,200 | 1,329 |
| Auction – CCEAR | 3,352 | 3,130 | | | | | | | | | 3,352 | 3,130 |
| CCEE (MCP) | - | - | - | - | | | 6 | | | | 6 | - |
| Angra | 220 | 234 | | | | | | | | | 220 | 234 |
| CCGF | 1,159 | 1,505 | | | | | | | | | 1,159 | 1,505 |
| Proinfa | 113 | 119 | | | | | | | | | 113 | 119 |
| Other (1) | 18 | 99 | | | - | - | 2,504 | 2,673 | | | 2,522 | 2,772 |
| Elejor | | | | | | | 12 | - | | | 12 | - |
| Dona Francisca | | | 34 | 34 | | | | | | | 34 | 34 |
| MRE Receipt | | | 117 | 27 | | | | | | | 117 | 27 |
| Available | 6,122 | 6,455 | 7,146 | 7,349 | 1,092 | 887 | 5,726 | 6,209 | 3,264 | 3,940 | 16,822 | 16,959 |
| Captive Market | 5,321 | 4,746 | | | | | | | | | 5,321 | 4,746 |
| Concessionaires (2) | 23 | 22 | | | | | | | | | 23 | 22 |
| CCEE concessionaire supply (3) | | | 43 | 36 | | | | | | | 43 | 36 |
| CCEE (MCSD EN Assignments) (4) | 75 | 80 | | | | | | | | | 75 | 80 |
| CCEE (MVE) (5) | - | 177 | | | | | | | | | - | 177 |
| CCEE (MCP) (6) | 249 | 936 | 379 | 249 | 5 | 34 | - | 47 | | | 633 | 1,266 |
| Free Customers | | | - | - | | | 3,022 | 2,802 | | | 3,022 | 2,802 |
| Bilateral Agreements | | | - | - | 172 | 148 | 2,704 | 3,051 | | | 2,876 | 3,199 |
| Auction – CCEAR (7) | | | 583 | 566 | 575 | 325 | | | | | 1,158 | 891 |
| MRE assignment (8) | | | 3,054 | 3,015 | | | | | | | 3,054 | 3,015 |
| CER (9) | | | | | 231 | 231 | | | | | 231 | 231 |
| Copel Mercado Livre | | | 3,056 | 3,452 | 148 | 140 | | | 3,204 | 3,592 | - | - |
| Companies of the group | | | 31 | 31 | 29 | 8 | - | 309 | 60 | 348 | - | - |
| Losses and Differences (10) | 454 | 493 | | | -68 | 1 | | | | | 386 | 494 |

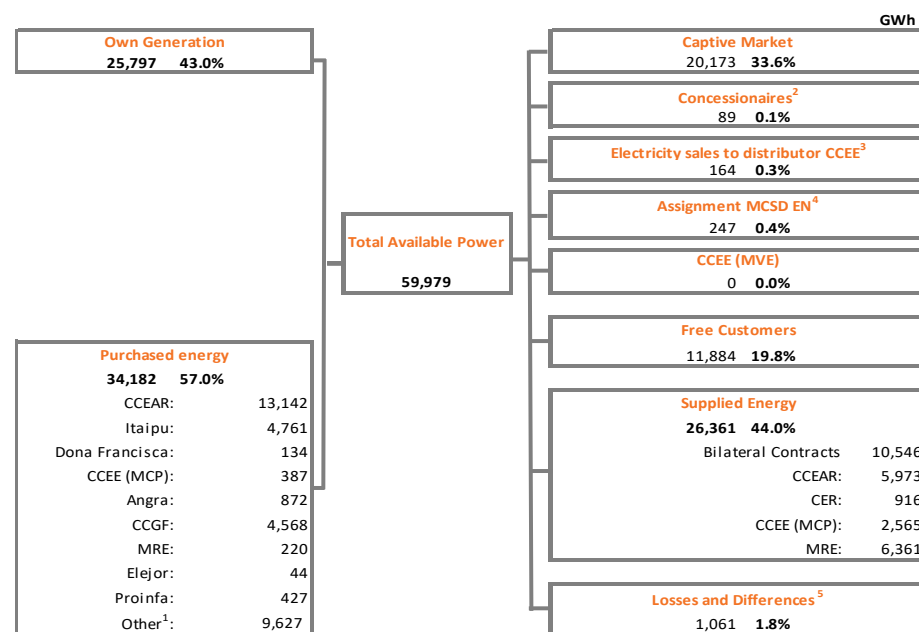
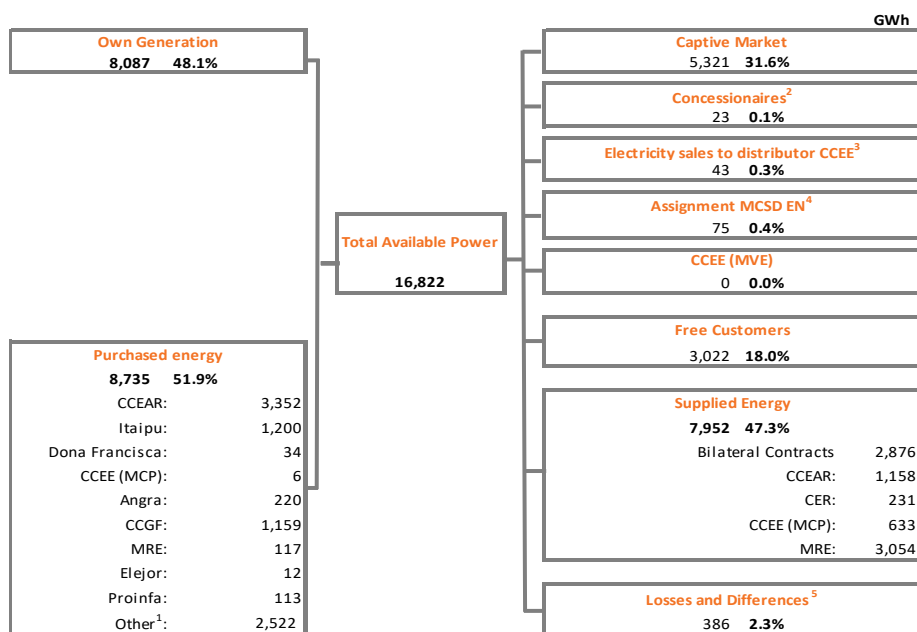
| Energy Flow | COPEL DIS | | COPEL GET + FDA + BELA VISTA | | WIND POWER | | COPEL COM | | ELIMINATIONS | | CONSOLIDATED | |
|------------------------------------|-----------------------|---------------|---------------------------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 2023 | 2022 | 2023 | 2022 | 2023 | 2022 | 2023 | 2022 | 2023 | 2022 | 2023 | 2022 |
| | Own Generation | - | - | 21,845 | 21,936 | 3,952 | 2,785 | 0 | - | - | - | 25,797 |
| Purchased energy | 24,072 | 25,443 | 1,048 | 3,064 | 127 | 108 | 22,450 | 24,817 | 13,515 | 15,574 | 34,182 | 37,858 |
| Copel Mercado Livre | - | - | 398 | 1,208 | 106 | - | - | - | 504 | 1,208 | - | - |
| Companies of the group | 233 | 155 | - | - | - | - | 12,778 | 14,211 | 13,011 | 14,366 | - | - |
| Itaipu | 4,761 | 5,272 | - | - | - | - | - | - | - | - | 4,761 | 5,272 |
| Auction – CCEAR | 13,142 | 12,354 | - | - | - | - | - | - | - | - | 13,142 | 12,354 |
| CCEE (MCP) | - | - | 296 | 63 | - | - | 91 | 12 | - | - | 387 | 75 |
| Angra | 872 | 928 | - | - | - | - | - | - | - | - | 872 | 928 |
| CCGF | 4,568 | 5,901 | - | - | - | - | - | - | - | - | 4,568 | 5,901 |
| Proinfa | 427 | 441 | - | - | - | - | - | - | - | - | 427 | 441 |
| Other (1) | 69 | 392 | - | - | 21 | 108 | 9,537 | 10,594 | - | - | 9,627 | 11,094 |
| Elejor | - | - | - | - | - | - | 44 | - | - | - | 44 | - |
| Dona Francisca | - | - | 134 | 134 | - | - | - | - | - | - | 134 | 134 |
| MRE Receipt | - | - | 220 | 1,659 | - | - | - | - | - | - | 220 | 1,659 |
| Available | 24,072 | 25,443 | 22,893 | 25,000 | 4,079 | 2,893 | 22,450 | 24,817 | 13,515 | 15,630 | 59,979 | 62,521 |
| Captive Market | 20,173 | 19,370 | - | - | - | - | - | - | - | - | 20,173 | 19,370 |
| Concessionaires (2) | 89 | 91 | - | - | - | - | - | - | - | - | 89 | 91 |
| CCEE concessionaire supply (3) | - | - | 164 | 150 | - | - | - | - | - | - | 164 | 150 |
| CCEE (MCSD EN Assignments) (4) | 247 | 239 | - | - | - | - | - | - | - | - | 247 | 239 |
| CCEE (MVE) (5) | - | 702 | - | - | - | - | - | - | - | - | - | 702 |
| CCEE (MCP) (6) | 2,136 | 3,069 | 188 | 854 | -2 | 122 | 243 | 162 | - | - | 2,565 | 4,207 |
| Free Customers | - | - | - | - | - | - | 11,884 | 11,498 | - | - | 11,884 | 11,498 |
| Bilateral Agreements | - | - | 106 | 108 | 621 | 482 | 9,819 | 11,949 | - | - | 10,546 | 12,539 |
| Auction – CCEAR (7) | - | - | 3,772 | 2,215 | 2,201 | 1,289 | - | - | - | - | 5,973 | 3,504 |
| MRE assignment (8) | - | - | 6,361 | 7,657 | - | - | - | - | - | - | 6,361 | 7,657 |
| CER (9) | - | - | - | - | 916 | 916 | - | - | - | - | 916 | 916 |
| Copel Mercado Livre | - | - | 12,180 | 13,893 | 598 | 374 | - | - | 12,778 | 14,267 | - | - |
| Companies of the group | - | - | 122 | 123 | 111 | 32 | 504 | 1,208 | 737 | 1,363 | - | - |
| Losses and Differences (10) | 1,427 | 1,969 | - | - | -366 | -322 | - | - | - | - | 1,061 | 1,648 |

- (1) Others: Energy purchased by Copel Comercialização. Includes MCSD EM Assignments of Copel Distribuição (purchase)
(2) Energy supply to concessionaires and licensees with their own market below 500GWh/year
(3) Supply of energy to CCEE's agent distributor, through a Regulated Bilateral Contract Agreement - CBR
(4) Assignments MCSD EN - Contractual assignments to other distributors through the New Energy Surplus and Deficit Compensation Mechanism
(5) CCEE (MVE): Financial settlement of energy surpluses from the distributor to the free market through the Surplus Sale Mechanism
(6) CCEE (MCP): Electric Energy Commercialization Chamber (Spot Market).
(7) CCEAR: Energy Trading Agreement in the Regulated Environment.
(8) MRE: Energy Reallocation Mechanism.
(9) CER: Reserve Energy Contract.
(10) Considers the effects of Mini and Micro Distributed Generation (MMGD).
(11) CG: Submarket Center of Gravity (difference between billed and received energy at the CG).
It does not consider the energy produced by UTE Araucária sold on the spot market (MCP).

Exhibit III - ENERGY MARKET > ENERGY FLOW

ENERGY FLOW CONSOLIDATED 4Q23

ENERGY FLOW CONSOLIDATED 2023



Notes:

CCEAR: Energy Purchase Agreements in the Regulated Market.

CER: Reserve Energy Agreements.

MRE: Energy Reallocation Mechanism.

CCEE (MCP): Electric Power Trade Chamber (Short-term market).

CG: Center of gravity of the Submarket (difference between billed and energy received from CG).

¹ Other: Energy purchased by Copel Comercialização and Copel Distribuição

² Electricity sales to concessionaires and licensees with own market of less than 500GWh/year

³ Electricity sales to the agent distributor of CCEE through a Regulated Bilateral Contract - CBR

⁴ Assignments MCSD EN - Contractual assignments to other distributors through the Mechanism for Compensation of Surpluses and Deficits (MCSD)

⁵ Considers the effect of Distributed Mini and Microgeneration (MMGD)

⁶ Considers losses and the volume of energy not delivered, referring to availability contracts, which provide for subsequent reimbursement.

It does not consider the energy produced by TPP Araucária sold in the MCP (Short Term Market) or through bilateral contracts.

Exhibit IV - OPERATIONAL DATA > INDICATORS SUMMARY
MANAGEMENT

| Copel Staff List | 2018 | 2019 | 2020 | 2021 | 2022 | Dec-23 |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Geração e Transmissão | 1,660 | 1,620 | 1,533 | 1,523 | 1,487 | 1,477 |
| Distribuição | 5,364 | 4,964 | 4,641 | 4,430 | 4,257 | 4,203 |
| Telecomunicações | 478 | 412 | 355 | - | - | - |
| Holding | 75 | 61 | 96 | 169 | 84 | 83 |
| Comercialização | 34 | 38 | 42 | 44 | 47 | 41 |
| Serviços | - | - | - | 217 | - | - |
| TOTAL | 7,611 | 7,095 | 6,667 | 6,383 | 5,875 | 5,804 |

| Cotrolated Staff List | 2018 | 2019 | 2020 | 2021 | 2022 | dez/23 |
|-----------------------|------|------|------|------|------|--------|
| Compagás | 159 | 148 | 142 | 133 | 132 | 129 |
| UEG Araucária | 17 | 16 | 17 | 15 | 15 | 7 |
| Elejor | 7 | 7 | 7 | 7 | 7 | 14 |

GENERATION

| Copel GET | Amount | Installed Capacity (MW) | Assured Power (Average MW) |
|-----------------------------|-----------|--------------------------------------|---|
| Hydroelectric | 18 | 4,868.5 | 2,067.9 |
| Thermoelectric | 1 | 20.0 | 17.7 |
| Wind | 43 | 1,130.2 | 561.3 |
| Copel GET (Interest) | | Proportional installed capacity (MW) | Proportional Assured Power (Average MW) |
| Hydroelectric | 3 | 299.6 | 155.2 |
| Thermoelectric | 1 | 294.8 | 162.6 |
| Total Copel GET | | 6,613.1 | 2,964.7 |
| Other Interest Copel | | Proportional installed capacity (MW) | Proportional Assured Power (Average MW) |
| Hydroelectric | 5 | 201.3 | 109.7 |
| Thermoelectric | 1 | 98.3 | 54.2 |
| Wind | 4 | 53.2 | 28.0 |
| Solar | 1 | 1.1 | - |
| Total Other Interest | 11 | 353.9 | 191.9 |
| TOTAL Copel Group | | 6,967.0 | 3,156.6 |

TRANSMISSION

| Copel GeT | Amount | APR (R\$ million) |
|-------------------------|-------------------|--------------------------------|
| Transmission Lines (km) | 3,705 | |
| Substation (amount) | 45 | 1,049.2 |
| Interest | Amount | Proporcional APR (R\$ million) |
| Transmission Lines (km) | 5,980 | |
| Substation (amount) | 8 | 512.8 |
| TOTAL | TL | 1,562.0 |
| | Substation | |
| | 9,685 | |
| | 53 | |

DISTRIBUTION

| | | | |
|-----------------------------------|---------|---|-----------|
| Distribution lines (km) | 211,318 | Captive customers | 5,098,006 |
| Substations | 394 | Customers by distribution employee | 1,213 |
| Installed power substations (MVA) | 11,799 | DEC (in hundredths of an hour and minute) | 7.86 |
| Municipalities served | 395 | FEC (number of outages) | 5.21 |
| Locations served | 1,068 | | |

MERCADO LIVRE

| | |
|---------------------|-------|
| Number of contracts | 1,747 |
| Energy sold (GWh) | 5,726 |

Exhibit IV - OPERATIONAL DATA> GENERATION
COPEL GET

| | Installed Capacity (MW) | Assured Power (Average MW) | Generation 2023 (GWh)* | Concession Expires |
|--|-------------------------|----------------------------|------------------------|--------------------|
| Hydroelectric Power Plants | 4,868.5 | 2,067.9 | 21,027.0 | |
| Large hydroelectric power plant (HPP) | 4,772.0 | 2,006.8 | 20,519.8 | |
| Gov. Bento Munhoz da Rocha Netto (Foz do Areia) ⁽⁵⁾ | 1,676.0 | 575.3 | 6,315.1 | 12.21.2024 |
| Gov. Ney Aminthas de B. Braga (Segredo) ⁽⁵⁾ | 1,260.0 | 558.3 | 5,952.4 | 09.25.2032 |
| Gov. José Richa (Salto Caxias) ⁽⁵⁾ | 1,240.0 | 575.4 | 5,829.2 | 03.20.2033 |
| Gov. Parigot de Souza ⁽¹⁾⁽⁵⁾ | 260.0 | 103.6 | 1,080.6 | |
| - Regime de Cotas (70%) | 182.0 | 72.5 | 756.4 | 01.03.2053 |
| - Copel GeT(30%) | 78.0 | 31.1 | 324.2 | |
| Colíder ⁽⁵⁾ | 300.0 | 178.1 | 1,171.4 | 01.30.2046 |
| Guaricana ⁽⁵⁾ | 36.0 | 16.1 | 171.1 | 07.21.2028 |
| Small hydroelectric power station (SHP) | 86.9 | 55.9 | 470.7 | |
| Bela Vista ⁽²⁾ | 29.8 | 18.6 | 141.4 | 01.02.2041 |
| Cavernoso ⁽⁵⁾ | 1.3 | 1.0 | 1.3 | 06.23.2033 |
| Cavernoso II ⁽⁵⁾ | 19.0 | 10.6 | 98.9 | 12.06.2050 |
| Chaminé ⁽⁵⁾ | 18.0 | 11.6 | 103.4 | 08.02.2028 |
| Apucarantina ⁽⁵⁾ | 10.0 | 6.7 | 62.3 | 01.27.2027 |
| Derivação do Rio Jordão ⁽⁵⁾ | 6.5 | 5.9 | 49.5 | 06.21.2032 |
| São Jorge ⁽⁵⁾ | 2.3 | 1.5 | 14.0 | 07.24.2026 |
| hydroelectric power plant (HPP) | 9.6 | 5.2 | 36.5 | |
| Marumbi | 4.8 | 2.4 | 22.3 | ⁽⁶⁾ |
| Chopim I | 2.0 | 1.5 | 1.2 | ⁽³⁾ |
| Melissa | 1.0 | 0.6 | 4.9 | ⁽³⁾ |
| Salto do Vau | 0.9 | 0.6 | 5.5 | ⁽³⁾ |
| Pitangui | 0.9 | 0.1 | 2.6 | ⁽³⁾ |
| Thermal Power Plant | 20.0 | 17.7 | 40.1 | |
| Figueira | 20.0 | 17.7 | 40.1 | 03.27.2019 |
| Wind Power Plants | 1,130.2 | 561.3 | 4,055.7 | |
| Eólica de Palmas ⁽⁴⁾ | 2.5 | 0.4 | 2.29 | 09.29.2029 |
| São Bento Energia, Invest. e Part. S.A. | 94.0 | 38.1 | 286.9 | |
| GE Boa Vista S.A. | 14.0 | 5.2 | 34.4 | 04.28.2046 |
| GE Farol S.A. | 20.0 | 8.8 | 61.5 | 04.20.2046 |
| GE Olho D'Água S.A. | 30.0 | 12.8 | 98.5 | 06.01.2046 |
| GE São Bento do Norte S.A. | 30.0 | 11.3 | 92.5 | 05.19.2046 |
| Copel Brisa Potiguar S.A. | 183.6 | 89.4 | 562.6 | |
| Nova Asa Branca I Energias Renováveis S.A. | 27.0 | 12.1 | 79.2 | 04.25.2046 |
| Nova Asa Branca II Energias Renováveis S.A. | 27.0 | 11.9 | 76.8 | 05.31.2046 |
| Nova Asa Branca III Energias Renováveis S.A. | 27.0 | 12.3 | 64.3 | 05.31.2046 |
| Nova Eurús IV Energias Renováveis S.A. | 27.0 | 12.4 | 84.4 | 04.27.2046 |
| Santa Maria Energias Renováveis S.A. | 29.7 | 15.7 | 95.6 | 05.08.2047 |
| Santa Helena Energias Renováveis S.A. | 29.7 | 16.0 | 105.8 | 04.09.2047 |
| Ventos de Santo Uriel S.A. | 16.2 | 9.0 | 56.5 | 04.09.2047 |
| Complexo Eólico Cutia | 180.6 | 71.4 | 591.9 | |
| UEE Cutia S.A. | 23.1 | 9.6 | 82.7 | 01.05.2042 |
| UEE Esperança do Nordeste S.A. | 27.3 | 9.1 | 69.4 | 05.11.2050 |
| UEE Guajiru S.A. | 21.0 | 8.3 | 66.0 | 01.05.2042 |
| UEE Jangada S.A. | 27.3 | 10.3 | 96.7 | 01.05.2042 |
| UEE Maria Helena S.A. | 27.3 | 12.0 | 94.5 | 01.05.2042 |
| UEE Paraíso dos Ventos do Nordeste S.A. | 27.3 | 10.6 | 91.9 | 05.11.2050 |
| UEE Potiguar S.A. | 27.3 | 11.5 | 90.8 | 05.11.2050 |
| Complexo Eólico Bento Miguel | 132.3 | 58.7 | 425.7 | |
| CGE São Bento do Norte I S.A. | 23.1 | 10.1 | 79.6 | 08.04.2050 |
| CGE São Bento do Norte II S.A. | 23.1 | 10.8 | 86 | 08.04.2050 |
| CGE São Bento do Norte III S.A. | 23.1 | 10.2 | 71.9 | 08.04.2050 |
| CGE São Miguel I S.A. | 21.0 | 9.3 | 63 | 08.04.2050 |
| CGE São Miguel II S.A. | 21.0 | 9.1 | 63.1 | 08.04.2050 |
| CGE São Miguel III S.A. | 21.0 | 9.2 | 62.1 | 08.04.2050 |
| Complexo Eólico Vilas⁽⁸⁾ | 186.7 | 98.6 | 610.8 | |
| Vila Ceará I (Antiga Vila Paraiba IV) | 32.0 | 17.8 | 100.8 | 01.14.2054 |
| Vila Maranhão I | 32.0 | 17.8 | 113.4 | 01.11.2054 |
| Vila Maranhão II | 32.0 | 17.8 | 112.8 | 01.14.2054 |
| Vila Maranhão III (Antiga Vila Paraiba III) | 32.0 | 16.6 | 103.6 | 01.14.2054 |
| Vila Mato Grosso (Antiga Vila Alagoas III) | 58.9 | 28.6 | 180.2 | 12.06.2054 |
| Complexo Jandaira | 90.1 | 46.9 | 346.6 | |
| Jandaira I | 10.4 | 5.6 | 45.97 | 04.02.2055 |
| Jandaira II | 24.3 | 12.3 | 100.38 | 04.02.2055 |
| Jandaira III | 27.7 | 14.8 | 99.52 | 04.02.2055 |
| Jandaira IV | 27.7 | 14.2 | 100.76 | 04.02.2055 |
| Aventura⁹ | 105.0 | 65.0 | 496.7 | |
| Aventura II | 21.0 | 13.1 | 99.3 | 06.05.2053 |
| Aventura III | 25.2 | 15.5 | 117.6 | 06.11.2053 |
| Aventura IV | 29.4 | 18.5 | 142.5 | 06.05.2053 |
| Aventura V | 29.4 | 17.9 | 137.3 | 06.05.2053 |
| Santa Rosa e Mundo Novo⁹ | 155.4 | 92.8 | 732.2 | |
| Santa Rosa e Mundo Novo I | 33.6 | 17.3 | 132.47 | 06.04.2053 |
| Santa Rosa e Mundo Novo II | 29.4 | 17.2 | 147.23 | 06.04.2053 |
| Santa Rosa e Mundo Novo III | 33.6 | 21.5 | 171.55 | 06.04.2053 |
| Santa Rosa e Mundo Novo IV | 33.6 | 21.0 | 170.16 | 06.01.2053 |
| Santa Rosa e Mundo Novo V | 25.2 | 15.8 | 110.78 | 06.01.2053 |
| TOTAL | 6,018.7 | 2,646.9 | 25,122.8 | |

(1) RAG of R\$160.9 million, updated by Aneel's Resolution No. 3,225, of July 18, 2023.

(2) In partial operation, entry into commercial operation of the fourth generating unit scheduled for 2022.

(3) Power plants exempted from concession, are only registered with ANEEL.

(4) Assured power considered the average wind generation.

(5) Extension of Grant according to REH 2919/2021, 2932/2021 and 3.242/2023.

(6) Under approval by ANEEL.

(7) Assured Power updated by Ordinance N°709/2022 for: FDA, Segredo, Salto Caxias and GPS, effective from January/2023.

(8) Started up in test operation on 04/25/2022, according to ANEEL Dispatch No. 1047/2022. In commercial operation since 12/07/2022, by ANEEL order No. 2502/2022.

(9) Complexes Aventura and Santa Rosa & Novo Mundo joined the Company's portfolio in Jan/23.

* Considers internal consumption of generators and generation in commercial operation.

** Plant do not participate in the MRE.

Exhibit IV - OPERATIONAL DATA > GENERATION
INTEREST

| Enterprise | Partners | Installed Capacity (MW) | Assured Power ¹ (Average MW) | Proportional installed capacity (MW) | Proportional Assured Power (Average MW) | Concession Expires |
|--|---|-------------------------|---|--------------------------------------|---|--------------------|
| Hydroelectric Power Plants | | 1,111.7 | 586.8 | 500.9 | 264.9 | |
| Large hydroelectric power plant (HPP) | | 1,076.5 | 561.5 | 486.2 | 254.2 | |
| HPP Gov. Jayme Canet Junior (Mauá) ⁶ (Consórcio Energético Cruzeiro do Sul) | COPEL GeT - 51% Eletrosul - 49% | 361.0 | 188.5 | 184.1 | 96.1 | 06.28.2049 |
| HPP Baixo Iguaçu (Consórcio Empreendedor Baixo Iguaçu) | COPEL GeT - 30% Geração Céu Azul - 70% | 350.2 | 172.4 | 105.1 | 51.7 | 12.03.2049 |
| HPP Santa Clara (Elejor) | COPEL - 70% Paineira Participações - 30% | 120.2 | 66.0 | 84.2 | 46.2 | 05.10.2040 |
| HPP Fundão (Elejor) | COPEL - 70% Paineira Participações - 30% | 120.2 | 62.1 | 84.1 | 43.5 | 06.11.2040 |
| HPP Dona Francisca (DFESA) | COPEL - 23,03% Gerdau - 51,82% Celesc - 23,03% Statkraft - 2,12% | 125.0 | 72.5 | 28.8 | 16.7 | 09.21.2037 |
| Small hydroelectric power station (SHP) | | 29.1 | 20.4 | 10.4 | 7.3 | |
| SHP Arturo Andreoli ⁶ (Foz do Chopim) | COPEL GeT - 35,77% Silea Participações - 64,23% | 29.1 | 20.4 | 10.4 | 7.3 | 07.07.2034 |
| Hydroelectric power plant (HPP) | | 6.1 | 4.9 | 4.3 | 3.4 | |
| SHP Santa Clara I (Elejor) | COPEL - 70% Paineira Participações - 30% | 3.6 | 2.8 | 2.5 | 2.0 | (2) |
| SHP Fundão I (Elejor) | COPEL - 70% Paineira Participações - 30% | 2.5 | 2.1 | 1.7 | 1.5 | (2) |
| Thermal Power Plant | | 484.2 | 267.0 | 393.1 | 216.8 | |
| TPP Araucária ³ (UEG Araucária) | COPEL - 20,3% COPEL GeT - 60,9% Petrobras - 18,8% | 484.2 | 267.0 | 393.1 | 216.8 | 12.23.2029 |
| Wind Power Plants | | 108.0 | 57.1 | 52.9 | 28.0 | |
| Voltaia - São Miguel do Gostoso (5 parques) | COPEL - 49% Voltaia - 51% | 108.0 | 57.1 | 52.9 | 28.0 | (4) |
| Solar | | 2.3 | - | 1.1 | - | |
| Solar Paraná ⁵ | COPEL - 49% | 2.3 | - | 1.1 | - | 09.15.2046 |
| TOTAL | | 1,706.2 | 910.9 | 948.0 | 509.7 | |

¹ Assured power updated by Ordinance No. 709/2022 of: HPP Mauá, Santa Clara, Fundão and Dona Francisca, effective from January/2023.

² Elejor requested the reclassification of its Small Hydroelectric Power Plants - (SHPs) Fundão I and Santa Clara I to Hydroelectric Generating Centers (CGHs), as amended by Art. 8 of Law 9074/1995. This was formalized through ANEEL Authorizing Resolutions 14,744 and 14,745 of 06/20/2023, with the plants exempted from concession, having only registration with ANEEL.

³ Since February 1, 2014, the plant's operation has been under the responsibility of UEGA. The Araucária TPP does not have availability agreements and operates under the merchant model. The most recent data from SIGA/ANEEL indicate a Assured power of 267 MW, however, there is no Assured power for the operation of the plant under the terms of MME Ordinance No. 64/2023.

⁴ The Concession Expires of the wind farm concessions are respectively: Carnaúbas (04.09.2047), Reduto (04.16.2047), Santo Cristo (04.18.2047), São João (03.26.2047).

⁵ Holding of 6 SCPs operating in the field of distributed generation (photovoltaic plants): Pharma Solar II, Pharma Solar III, Pharma Solar IV, in commercial operation, e Bandeirantes Solar I, Bandeirantes Solar II e Bandeirantes Solar III, in pre-operational.

⁶ Extension of Grant according to REH 3.242/2023.

Exhibit IV - OPERATIONAL DATA > TRANSMISSION

| Subsidiary / SPC | Contract | Enterprise | TL | | | APR ¹ (R\$ milhões) | Concession Expiration |
|--|-----------------------|---|-----------------------------|-----------|---------------|--------------------------------|-----------------------|
| | | | Extension (km) ² | Amount | MVA | | |
| Copel GeT | 060/2001 ³ | Several | 2,129 | 35 | 12,590 | 661.3 | 01.01.2043 |
| Copel GeT | 075/2001 ⁴ | TL Bateias - Jaguariaiva | 138 | - | - | 16.8 | 08.17.2031 |
| Copel GeT | 006/2008 | TL Bateias - Pilarzinho | 32 | - | - | 3.5 | 03.17.2038 |
| Copel GeT | 027/2009 | TL Foz - Cascavel Oeste | 117 | - | - | 16.0 | 11.19.2039 |
| Copel GeT | 010/2010 | TL Araraquara II — Taubaté | 334 | - | - | 43.6 | 10.06.2040 |
| Copel GeT | 015/2010 | SE Cerquillo III | - | 1 | 300 | 7.0 | 10.06.2040 |
| Copel GeT | 022/2012 | TL Foz do Chopim - Salto Osório LT Londrina - Figueira | 102 | - | - | 7.8 | 08.27.2042 |
| Copel GeT | 002/2013 | TL Assis — Paraguaçu Paulista II | 83 | 1 | 150 | 12.2 | 02.25.2043 |
| Copel GeT | 005/2014 | TL Bateias - Curitiba Norte | 31 | 1 | 300 | 12.9 | 01.29.2044 |
| Copel GeT | 021/2014 | TL Foz do Chopim - Realeza | 52 | 1 | 300 | 13.0 | 09.05.2044 |
| Copel GeT | 022/2014 | TL Assis - Londrina | 122 | - | - | 27.1 | 09.05.2044 |
| Copel GeT | 006/16 ⁵ | Lot E: TL Baixo Iguaçu - Realeza; TL Uberaba - Curitiba Centro; TL Curitiba Leste - Blumenau; SE Medianeira; SE Curitiba Centro; SE Andirá leste; Other Sections | 255 | 4 | 900 | 154.8 | 04.07.2046 |
| Costa Oeste Copel Get - 100% | 001/2012 | TL Cascavel Norte - Cascavel Oeste TL Cascavel Norte - Umuarama Sul SE Umuarama Sul | 159 | 1 | 300 | 19.0 | 01.12.2042 |
| Marumbi Copel GeT - 100% | 008/2012 | TL Curitiba - Curitiba Leste | 29 | 1 | 672 | 27.3 | 05.10.2042 |
| Uirapuru Transmissora Copel GeT - 100% | 002/2005 ⁶ | TL Ivaiporã - Londrina | 122 | - | - | 26.9 | 03.04.2035 |
| Subtotal Copel GeT⁷ | | | 3,705 | 45 | 15,512 | 1,049.2 | |
| Caiuá Transmissora Copel GeT - 49% Elecnor - 51% | 007/2012 | TL Guaira - Umuarama Sul TL Cascavel Norte - Cascavel Oeste SE Santa Quitéria / SE Cascavel Norte | 142 | 2 | 700 | 16.4 | 05.10.2042 |
| Integração Maranhense Copel GeT - 49% Elecnor - 51% | 011/2012 | TL Açailândia - Miranda II | 365 | - | - | 24.7 | 05.10.2042 |
| Matrinchã Copel GeT - 49% State Grid - 51% | 012/2012 | TL Paranaíba - Ribeirãozinho | 2,033 | 4 | 800 | 133.7 | 05.10.2042 |
| Guaraciaba Copel GeT - 49% State Grid - 51% | 013/2012 | TL Ribeirãozinho - Marimondo | 930 | 1 | - | 69.0 | 05.10.2042 |
| Paranaíba Copel GeT - 24,5% Furnas - 24,5% State Grid - 51% | 007/2012 | TL Barreiras II - Pirapora II | 967 | - | - | 44.5 | 05.02.2043 |
| Cantareira Copel GeT - 49% Elecnor - 51% | 19/2014 | TL Estreito - Fernão Dias | 656 | - | - | 68.1 | 09.05.2044 |
| Mata de Santa Genebra Copel GeT - 50,1% Furnas - 49,9% | 001/14 | TL Araraquara II - Bateias | 887 | 1 | 3,600 | 156.4 | 05.14.2044 |
| Subtotal SPCs⁸ | | | 5,980 | 8 | 5,100 | 512.8 | |
| Total | | | 9,685 | 53 | 20,612 | 1,562.0 | |

¹ Proportional to Copel's interest in the project. Values referring to the 2023/2024 cycle, effective from July 1, 2023, according to REH 3.216/2023 - Technical Note No. 39/2023 - STR/ANEEL, of December 30, 2023. Considers investments that came into operation until 12/31/2023.

² Considers double circuit sections (circuits that share the same transmission tower).

³ Contract renewed according to Law 12,783/13. The O&M portion is part of the RBSE, under the terms of the Law. It will be received until the end of the concession (Jan/2043). The value of the APR for the 2023-2024 cycle, excluding the RBSE, according to REH 3,216/2023, is R\$ 146.1 million. This amount refers to additional RAP for reinforcements and improvements, in effect when REH 3,216/2023 was published.

⁴ As of 10.31.2018, the APR was reduced by 50%.

⁵ The construction of 38 km of sectioning lines was foreseen in the implementation of the Andirá Leste and Medianeira SEs, 2 km of which for Contract 060/2001 and 36 km for LTs that do not belong to Copel GeT, which, despite being included in the APR, in reason for the investment made, will not be added to Copel's assets.

⁶ As of 07/09/2021, the APR was reduced by 50%.

⁷ Consolidated Result.

⁸ Equity Income.

Exhibit IV - OPERATIONAL DATA > DISTRIBUTION
OPERATIONAL DATA

| Number of Consumers | Locations served | Cities served | Voltage | | Number of Substations | MVA | Km of lines |
|---------------------|------------------|---------------|---------|-----|-----------------------|---------------|----------------|
| | | | | | | | |
| 5,101,084 | 1,068 | 395 | 13,8 kV | 0 | 394 | 5 | 112,871 |
| | | | 34,5 kV | 236 | | 1,685 | 90,902 |
| | | | 69 kV | 36 | | 2,477 | 778 |
| | | | 138 kV | 122 | | 7,632 | 6,767 |
| | | | | | | 11,799 | 211,318 |

| Consumer-to-employee ratio DIS | 2018 | 2019 | 2020 | 2021 | 2022 | Dec-23 |
|--------------------------------|------------|------------|--------------|--------------|--------------|--------------|
| Captive Consumers | 4,637,804 | 4,713,240 | 4,835,852 | 4,926,608 | 5,011,555 | 5,098,006 |
| Copel Dis employees | 5,364 | 4,964 | 4,641 | 4,430 | 4,257 | 4,203 |
| Consum/Emp | 865 | 949 | 1,042 | 1,112 | 1,177 | 1,213 |

QUALITY OF SUPPLY

| Year | DEC ¹ (hours) | FEC ² (outages) |
|------|-----------------------------|-------------------------------|
| 2019 | 9.11 | 6.02 |
| 2020 | 7.83 | 5.61 |
| 2021 | 7.20 | 4.76 |
| 2022 | 7.98 | 5.29 |
| 2023 | 7.86 | 5.21 |

¹ DEC measured in hours and hundredths of an hour

² FEC expressed in number of interruptions and hundredths of a number of interruptions year to date

* Values of the last 12 months

| Period | Technical Loss | | Non-Technical Loss | | Total loss | |
|--------|----------------|----------|--------------------|----------------|----------------|-----------|
| | Regulatory (1) | Real (2) | Regulatory (3) | Calculated (4) | Regulatory (5) | Total (6) |
| dez/19 | 6.05% | 5.97% | 4.70% | 2.77% | 8.14% | 7.28% |
| dez/20 | 6.05% | 6.03% | 4.70% | 3.92% | 8.14% | 7.80% |
| dez/21 | 5.79% | 5.84% | 4.56% | 4.58% | 7.72% | 7.73% |
| dez/22 | 5.79% | 5.72% | 4.47% | 4.62% | 7.60% | 7.66% |
| dez/23 | 5.79% | 5.90% | 4.47% | 4.54% | 7.78% | 7.81% |

(1) Percentage established in the tariff review;

(2) Technical loss calculated and reported monthly to Aneel;

(3) Percentage established in the tariff review;

(4) Difference between reported total losses and technical losses calculated as a percentage established in the review and the total injected energy, also reported monthly to Aneel;

(5) (Regulatory percentage of PNT x informed BT Market + technical losses calculated as a percentage established in the review and the total energy injected) / Injected energy;

(6) Total loss on injected energy.

NOTE: In the calculation of the distributor's total losses, energy losses inherent to the electric power system (technical losses), commercial losses (mainly due to fraud, theft) and differences related to the shift in the billing schedule and the effects of the portion of mini and micro generation distributed in the Company's network