

# 4Q15 Results

# Copel records net income of R\$ 402.1 million in the 4Q15

4Q15 Results
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Increase of 46.1% in net income;

EBITDA of R\$957.9 million in 4Q15;

Reversal of provisions of R\$286.3 million;

Renegotiation of GSF – Recovery of R\$134.7 million in costs;

Decline of 4.2% in the captive market in 4Q15;

Proposed dividends and IOC of R\$326.8 million.

|  | 4Q15<br>(1) | 3Q15<br>(2) | 4Q14<br>(3) | Var.%<br>(1/3) | 2015<br>(4) | 2014<br>(5) | Var. %<br>(4/5) |
|--|-------------|-------------|-------------|----------------|-------------|-------------|-----------------|
| Net Operating Revenues (R\$ million)                     | 3,337.0     | 3,245.2     | 4,462.4     | (25.2)         | 14,728.1    | 13,918.5    | 5.8             |
| Operating Income (R\$ million)                           | 519.6       | 113.7       | 366.4       | 41.8           | 1,797.8     | 1,857.6     | (3.2)           |
| Net Income (R\$ million)                                 | 402.1       | 91.4        | 275.2       | 46.1           | 1,265.6     | 1,335.6     | (5.2)           |
| Earnings per share (R\$)                                 | 1.45        | 0.32        | 0.87        | 66.8           | 4.36        | 4.41        | (1.1)           |
| EBITDA (R\$ million)                                     | 957.9       | 299.2       | 540.2       | 77.3           | 2,585.2     | 2,357.0     | 9.7             |
| Return on Shareholders' Equity (annualized) <sup>1</sup> | 12.3%       | 2.7%        | 8.8%        | 39.7           | 9.2%        | 10.3%       | (10.5)          |
| Energy Supply (GWh)                                      | 6,954       | 6,807       | 7,273       | (4.4)          | 27,949      | 28,224      | (1.0)           |
| Capex² (R\$ million)                                     | 794.0       | 586.8       | 388.8       | 104.2          | 2,364.7     | 2,239.2     | 5.6             |
| EBITDA Margin  | 28.7%       | 9.2%        | 12.1%       | 137.1          | 17.6%       | 16.9%       | 3.7             |
| Operating Margin   | 15.6%       | 3.5%        | 8.2%        | 89.6           | 12.2%       | 13.3%       | (8.5)           |
| Net Margin   | 12.1%       | 2.8%        | 6.2%        | 95.4           | 8.6%        | 9.6%        | (10.5)          |

¹Calculated according to the initial shareholders' equity for the year.

Values subject to rounding adjustments.

| Average Rates (R\$/MWh)                        | Dec-15     | Sep-15     | Jun-15     | Mar-15     | Dec-14     |
|--|------------|------------|------------|------------|------------|
| Power Purchase Average Rate - Copel Dis        | 187.06     | 204.25     | 213.44     | 202.95     | 192.42     |
| Retail Average Rate - Copel Dis <sup>1</sup>   | 433.91     | 433.92     | 376.65     | 367.54     | 281.28     |
| Sales to Distributors Average Rate - Copel GeT | 154.59     | 152.10     | 151.78     | 147.23     | 151.38     |
| Indicators                                     | Dec-15     | Sep-15     | Jun-15     | Mar-15     | Dec-14     |
| Equity   | 14,584,478 | 14,262,309 | 14,156,143 | 14,131,518 | 13,682,780 |
| Net debt                                       | 5,782,870  | 5,773,279  | 5,575,269  | 5,081,599  | 4,722,942  |
| Book Value per Share                           | 53.30      | 52.12      | 51.73      | 51.64      | 50.00      |
| Net debt/ Shareholders' Net Equity             | 53.2%      | 49.7%      | 49.4%      | 46.4%      | 44.2%      |
| Current Liquidity                              | 1.4        | 1.7        | 1.6        | 1.3        | 1.3        |

<sup>&</sup>lt;sup>1</sup> does not consider tariff flags

 CPLE3 | R\$16.00
 ELP | US\$ 5.87
 Market value | R\$5.5 bi

 CPLE6 | R\$24.30
 XCOP | € 5.46
 \*Quotes 12.31.2015



<sup>&</sup>lt;sup>2</sup> Includes contributions and advances for future investments and capital increases.



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# 1. Main Events in the Period

Copel's net income totaled R\$402.1 million in 4Q15, 46.1% more than the R\$275.2 million recorded in 4Q14, while EBITDA moved up 77.3%, to R\$957.9 million. The main events in the period are presented below.

#### Reversal of the provision for legal claims - Ivaí Engenharia

In October 2015, the second panel of the Superior Court of Justice (STJ) ordered the return of the lawsuit to the Paraná State Court of Justice (TJ-PR) so that it can review the sentence against Copel, which established that Copel Geração e Transmissão had to pay a compensation to Ivaí Engenharia, related to the execution of the works of the Derivação do Rio Jordão SHP (PR) in the 1990s. The STJ believes that there was a mistake in the definition of the amount of the Company's sentence. As a result, there was a partial reversal of R\$209.9 million in 4Q15, with the remaining balance of R\$139.1 million being recorded as a probable loss.

#### **Reversal of impairment**

In 4Q15, the Company reviewed the recoverable value of its generation assets as a result of the recent regulatory (renegotiation of the hydrologic risk), market and macroeconomic changes, which resulted in the reversal of R\$66.0 million in impairment recognized in 2014 (R\$807.3 million).

#### Renegotiation of the Hydrologic Risk in the ACR

The Company decided to renegotiate the hydrologic risk of eligible energy sales agreements in the Regulated Market (ACR) of Copel GeT (324.1 average-MW) and Elejor (134.3 average-MW). Adherence to product SP100 was approved by Aneel via Orders 84/16 and 43/16, respectively. As a result, the Company recognized R\$134.7 million in 4Q15 as recovery of the cost with energy purchases. In addition, the renegotiation allowed the extension of the period of grant of some plants, as below:

| Plants   | Amount Renegotiated (average MW) | Product | Premium<br>(R\$/MWh) | Refund 2015<br>(R\$/MWh) | Postponement of the<br>Premium payment | Extension grant in days <sup>1</sup> |
|--|----------------------------------|---------|----------------------|--------------------------|--|--------------------------------------|
| HPP Mauá²  | 97.4                             | SP100   |                      |                          | 4 years and 6 months                   | -                                    |
| HPP Foz do Areia³                                    | 226.7                            | SP100   | 9.50                 | 33.55                    | 1 year                                 | 117                                  |
| Elejor <sup>4</sup><br>HPP Santa Clara<br>HPP Fundão | 134.3                            | SP100   |                      |                          | 3 years and 4 months                   | 216                                  |

The energy of recontracting in ACR and the full amount of the physical guarantee in the center of gravity. In the grant of the extension period will be taken in the risk premium of R\$ 9.50 / MWh, duly adjusted.

<sup>&</sup>lt;sup>2</sup>Proportional to the participation of Copel GeT in the project. The assignment of rights and obligations associated with the hydrological risk to CCRBT occur between Jan.2016 and Dec.2040 (end of CCEAR).

<sup>&</sup>lt;sup>3</sup>The assignment of rights and obligations associated with the hydrological risk to CCRBT occur in the year 2016 and the postponement period of <sup>4</sup>The assignment of rights and obligations associated with the hydrological risk to CCRBT occur between Jan.2016 and Apr.2019, and the postponement period of the grant.





#### Itaipu's Exchange Variation - Accounting Reclassification

In 4Q15, the Company reclassified the exchange variation on the purchase of Itaipu's energy under revenue and/or financial expense, previously booked under operating costs, resulting in a net negative effect in the financial result in 2015 of R\$71.0 million and a negative effect of R\$17.1 million in 2014. This procedure has the purpose of presenting the information in a more appropriate manner and in line with the Electric Utility Accounting Manual.

#### Renewal of Copel Distribuição's Concession – Accounting Reclassification

In December 2015, the Company signed the fifth amendment to the Public Electricity Distribution Concession Agreement no. 46/1999 of Copel Distribuição S.A., extending the concession term to July 7, 2045. As a result, R\$4.1 billion was reclassified from Accounts Receivable Related to the Concession to Intangible Assets, given that it refers to the portion of the investment that will be recovered with tariffs during the concession term.

#### **Dividends**

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At the Annual Shareholders' Meeting (ASM), scheduled for April 27, 2016, the Company will propose the distribution of R\$326.8 million as dividends (R\$128.8 million) and interest on capital (R\$198.0 million).

#### Colíder HPP - Injunction against the plant

In November 2015, the Second Civil Court of the Colíder District accepted the request for anticipation of protection by the Public Ministry of Mato Grosso State established that the State Environment Department must abstain from renewing or granting operating licenses in favor of the Colíder HPP project, due to environmental issues. The Company has appealed against the sentence and awaits a court decision. As a result, the startup of unit 1, scheduled for the second semester of 2016, has been postponed to early 2017. For further details, please refer to item 8.1.

#### Baixo Iguaçu HPP - Exclusion of liability

In January 2016, Aneel recognized an exclusion of liability of 626 days, as of September 1, 2016, related to the delay in the startup of the Baixo Iguaçu HPP, pursuant to Technical Note 766/2015-SCG/ANEEL, and dismissed the application of penalties and any liabilities arising from said delay. The Agency ordered the CCEE to change the beginning of supply in commercial operation agreements and recommended that the Ministry of Mines and Energy extend the plant's concession term for the same period recognized in the exclusion of liability. For further details, please refer to item 8.1.





#### Governador Parigot de Souza HPP (GPS) - Concession until 2046

In November 2015, Copel GeT acquired the right to operate and maintain the Gov. Pedro Viriato Parigot de Souza Hydroelectric Power Plant – GPS HPP (260.0 MW of installed capacity and assured energy of 109.0 average-MW), a project whose concession was part of Copel GeT's generation facilities and which expired on July 7, 2015. The plant was acquired through the payment of a concession bonus totaling R\$574.8 million and will generate annual service revenue of R\$130.9 million. The concession agreement was signed on January 5, 2016 and has a 30-year term. For further details, please refer to item 8.1.

#### 005/2015 Transmission Auction - APR of R\$97.9 million

In November 2015, Copel GeT acquired the right to build and operate three substations and 230 kilometers of transmission lines in Paraná and Santa Catarina. The project, which was acquired without negative goodwill, has annual permitted revenue (APR) of R\$97.9 million. The investment planned by Aneel is R\$580.6 million and startup is scheduled for September 2019 and March 2021. For further details, please refer to item 8.2.

#### **Strategic Plan**

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In December 2015, the Company's Board of Directors approved the review of Copel's Integrated Strategic Plan for the 2016-2026 period. The new strategic reference defines Copel's mission as "to supply electricity and solutions for sustainable development" and establishes the Company's guidelines to achieve its new vision of "being a benchmark in our business segments by generating sustainable value".

#### Copel Distribuição - New Chief Executive Officer

Mr. Antonio Sergio de Souza Guetter is Copel Distribuição's new Chief Executive Officer. Mr. Guetter has built his career at Copel. He graduated in Civil Engineering from the Federal University of Paraná, has an Executive MBA in Finance (from ISPG) and Business Administration (from PUC/ISAD) and has completed graduate programs in various areas, including Marketing and Strategic Management (Texas University - 1998), Quality (JUSE – Japanese Union of Scientists and Engineers - 1999), Management and Planning (Drexel University of Philadelphia - 2000) and Finance (New York University - 2001 and Wharton School - 2012).

During his career at the Company, Mr. Guetter has held the positions of Chief Financial and Investor Relations Officer, Chief Executive Officer of Copel Renováveis and Assistant Officer of Copel Participações, in addition to having held the positions of Chief Executive Officer and Administration and Security Officer at Fundação Copel de Previdência e Assistência Social. He recently held the position of Assistant Manager to Copel Distribuição's Chief Executive Officer.





#### BM&FBovespa maintains Copel in the Corporate Sustainability Index - ISE in 2016

In 2016, Copel remained in the select group of the 35 most sustainable companies in the São Paulo Securities, Commodities and Futures Exchange (BM&FBovespa). Copel has been present in ten of the eleven editions of the index, which lists the shares of the companies that have demonstrated their commitment to sustainability (economic efficiency, environmental balance, social justice and corporate governance). Representing 16 sectors, the new portfolio comprises 40 stocks totaling R\$960.5 billion in market cap.

#### Copel Comercialização

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On January 28, 2016, the Company's Board of Directors approved amendments to the bylaws of Copel Participações S.A. in order to change the Company's name and purpose. As a result, the Company is now called Copel Comercialização S.A. and its main purpose is to sell electricity and provide related services. The trading company was created to reinforce Copel's market positioning and improve efficiency, allowing for more speed and flexibility in electricity sales.

#### **BNDES** approves new financing

The BNDES approved financial aid for the Brisa Potiguar Wind Farm Complex (183.6 MW), built by Copel in the State of Rio Grande do Norte, which has been operating commercially since October 2015. The aid will be provided through the private issue of debentures, which will be subscribed by the BNDES and BNDESPar and divided into two series, one of which linked to the TJLP long-term interest rate and the other to the IPCA consumer price index. The operation is in line with FINEM characteristics and has a 16-year term, with a sixmonth grace period and monthly amortizations.



# 2. Financial Performance

The analyses presented below refer to the fourth quarter (4Q15) and full year of 2015 compared with the same periods in 2014.

### 2.1 Operating Revenues

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Operating revenues came to R\$3,337.0 million in 4Q15, 25.2% down from 4Q14, chiefly due to the lower result of sectorial financial assets and liabilities, which was a loss of R\$121.2 million in 4Q15, compared with a gain of R\$1,033.9 million in 4Q14. It is worth noting that the loss in 4Q15 resulted from the R\$401.8 million period amortization, chiefly due to the recovery via tariffs of the deferrals in 2013 and 2014, which had been recorded when the recognition of the result of sectorial financial assets or liabilities became mandatory. It is also worth noting the following variations:

- (i) the 45.1% reduction in "electricity sales to distributors", due to the decline in revenue from the spot market (CCEE) as a result of lower dispatch from the Araucária TPP and the decline in the Spot Price (PLD) in the period (R\$166.85/MWh in 4Q15 compared with R\$712.43/MWh in 4Q14);
- (ii) the 22.3% increase in revenue from "electricity sales to final customers", due to the Extraordinary Tariff Revision RTE, which increased Copel Distribuição's tariffs by 36.8% as of March 2, 2015 and 15.3% as of June 24, 2015, partially offset by the upturn in consumer charges, which accounted for 26.9% of the increases, and the decline of 4.2% in Copel Distribuição's captive market and 5.3% in Copel GeT's free market;
- (iii) 14.0% growth in "use of the main distribution and transmission grid" (TUSD and TUST revenue), due to Copel Distribuição's tariff increase as of June 2015 and the startup of new transmission assets, partially offset by the 5.3% decline in the grid market;
- (iv) the 30.0% upturn in "telecommunications revenue", thanks to new customers the customer base increased from 27,614 in December 2014 to 47,987 in December 2015;
- (v) R\$23.5 million recorded under "other operating revenues", arising mainly from revenue from rent and leases. In 4Q14, this line recorded a negative balance due to the reclassification of the amounts related to the refund of electricity generation unavailability, pursuant to Aneel Order 4,786/2014.



|  |           |           |           |        |            |            | R\$ '000 |
|--|-----------|-----------|-----------|--------|------------|------------|----------|
| Income Statement                                     | 4Q15      | 3Q15      | 4Q14      | Var.%  | 2015       | 2014       | Var.%    |
| income Statement                                     | (1)       | (2)       | (3)       | (1/3)  | (4)        | (5)        | (4/5)    |
| Electricity sales to final customers                 | 1,588,176 | 1,409,586 | 1,298,782 | 22.3   | 5,746,920  | 4,371,153  | 31.5     |
| Electricity sales to distributors                    | 621,625   | 751,190   | 1,131,857 | (45.1) | 3,707,441  | 4,370,792  | (15.2)   |
| Use of the main distribution and transmission grid   | 671,154   | 641,614   | 588,746   | 14.0   | 2,388,505  | 2,237,470  | 6.8      |
| Construction revenue                                 | 372,646   | 282,484   | 307,014   | 21.4   | 1,196,324  | 1,279,010  | (6.5)    |
| Revenues from telecommunications                     | 56,244    | 54,778    | 43,278    | 30.0   | 209,927    | 165,461    | 26.9     |
| Distribution of piped gas                            | 124,879   | 140,843   | 118,898   | 5.0    | 526,399    | 391,285    | 34.5     |
| Result of sectorial financial assets and liabilities | (121,173) | (59,678)  | 1,033,866 | -      | 858,170    | 1,033,866  | (17.0)   |
| Other operating revenues                             | 23,452    | 24,371    | (60,054)  | -      | 94,445     | 69,480     | 35.9     |
| Operating revenue                                    | 3,337,003 | 3,245,188 | 4,462,387 | (25.2) | 14,728,131 | 13,918,517 | 5.8      |

In 2015, Copel's operating revenues totaled R\$14,728.1 million, 5.8% higher than in 2014, chiefly due to Copel Distribuição's tariff increases (Extraordinary Tariff Revision in March 2015 and Annual Tariff Revision in June 2015) and the expansion of the telecommunications and natural gas distribution markets as a result of customer base growth, partially offset by the 25.5% decline in the energy volume dispatched by the Araucária TPP (2,465 GWh in 2015 against 3,308 GWh in 2014) and the reduction of PLD.

### 2.2 Operating Costs and Expenses

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In 4Q15, operating costs and expenses totaled R\$2,493.8 million, 39.6% down from 4Q14, chiefly due to reversals of R\$286.3 million in 4Q15, of which R\$209.9 million refers to the revision of estimated losses in the Ivaí Engenharia lawsuit, against the recording of provisions totaling R\$927.8 million in 4Q14, mostly related to the impairment of generation assets. It is also worth noting the following variations:

(i) 36.2% reduction in "electricity purchased for resale", due to (a) the recognition of R\$134.7 million as recovery of the cost of energy purchases, due to the renegotiation of the hydrologic risk (GSF), (b) the lower Spot Price (PLD) in the period (R\$166.85/MWh in 4Q15 compared with R\$712.43/MWh in 4Q14), and (c) lower costs with energy acquisitions in auctions (CCEAR), due to the higher quota agreement volume, partially offset by higher costs with the acquisition of electricity from Itaipu, as a result of the tariff increase. In 4Q15, the effect of exchange rate fluctuations arising from agreement Itaipu power purchase was reclassified to financial results from operating costs.

|           |  |  |  |  |   | R\$'000   |
|-----------|--|--|--|--|---|---|
| 4Q15      | 3Q15   | 4Q14   | Var.%  | 2015   | 2014  | Var. %  |
| (1)       | (2)  | (3)  | (1/3)  | (4)  | (5)   | (4/5)   |
| 822,038   | 821,588  | 954,978  | (13.9)   | 3,812,509  | 3,394,222   | 12.3  |
| 349,007   | 491,764  | 192,411  | 81.4   | 1,567,844  | 739,002   | 112.2   |
| (77,746)  | 213,530  | 604,331  | -  | 982,388  | 2,281,328   | (56.9)  |
| -         | -  | (95,819)   | -  | -  | (1,253,436)   | -   |
| 44,286    | 44,410   | 45,832   | (3.4)  | 177,946  | 183,617   | (3.1)   |
| 3,869     | 3,786  | 16,993   | (77.2)   | 30,557   | 177,149   | (82.8)  |
| (123,797) | (127,189)  | (123,622)  | 0.1  | (538,328)  | (441,288)   | 22.0  |
| 1,017,657 | 1,447,889  | 1,595,104  | (36.2)   | 6,032,916  | 5,080,594   | 18.7  |
|           | (1)<br>822,038<br>349,007<br>(77,746)<br>-<br>44,286<br>3,869<br>(123,797) | (1) (2) 822,038 821,588 349,007 491,764 (77,746) 213,530 | (1) (2) (3)  822,038 821,588 954,978  349,007 491,764 192,411  (77,746) 213,530 604,331  - (95,819)  44,286 44,410 45,832  3,869 3,786 16,993  (123,797) (127,189) (123,622) | (1)         (2)         (3)         (1/3)           822,038         821,588         954,978         (13.9)           349,007         491,764         192,411         81.4           (77,746)         213,530         604,331         -           -         -         (95,819)         -           44,286         44,410         45,832         (3.4)           3,869         3,786         16,993         (77.2)           (123,797)         (127,189)         (123,622)         0.1 | (1)         (2)         (3)         (1/3)         (4)           822,038         821,588         954,978         (13.9)         3,812,509           349,007         491,764         192,411         81.4         1,567,844           (77,746)         213,530         604,331         -         982,388           -         -         (95,819)         -         -           44,286         44,410         45,832         (3.4)         177,946           3,869         3,786         16,993         (77.2)         30,557           (123,797)         (127,189)         (123,622)         0.1         (538,328) | (1)         (2)         (3)         (1/3)         (4)         (5)           822,038         821,588         954,978         (13.9)         3,812,509         3,394,222           349,007         491,764         192,411         81.4         1,567,844         739,002           (77,746)         213,530         604,331         -         982,388         2,281,328           -         -         (95,819)         -         -         (1,253,436)           44,286         44,410         45,832         (3.4)         177,946         183,617           3,869         3,786         16,993         (77.2)         30,557         177,149           (123,797)         (127,189)         (123,622)         0.1         (538,328)         (441,288) |



- (ii) 70.2% reduction in "natural gas and supplies for the gas business", mainly as a result of a lower dispatch from the Araucária TPP, partially offset by the increase in gas prices;
- (iii) R\$296.3 million in "charges of the main distribution and transmission grid", basically due to the higher cost with System Service Charges (ESS) as a result of the increased thermal dispatch outside the merit order, and the increase in Itaipu's energy transmission tariff. The reversal of this line in 4Q14 was due to the accounting reclassification of the Reserve Energy Account CONER, pursuant to Aneel Order 4,786/14 and Aneel Resolution 613/14;

| Charges of the main distribution and transmission and             | 4Q15     | 3Q15     | 4Q14      | Var.% | 2015     | 2014      | Var.% |
|---|----------|----------|-----------|-------|----------|-----------|-------|
| Charges of the main distribution and transmission grid            | (1)      | (2)      | (3)       | (1/3) | (4)      | (5)       | (4/5) |
| System usage charges  | 145,763  | 147,349  | 151,537   | (3.8) | 605,341  | 516,284   | 17.2  |
| Itaipu transportation charges                                     | 22,893   | 21,499   | 18,416    | 24.3  | 84,344   | 67,263    | 25.4  |
| Charge reserve energy - EER                                       | -        | 31,561   | -         | -     | 31,561   | 4,554     | 593.0 |
| System Service Charges - ESS                                      | 147,595  | 31,961   | (213,836) | -     | 268,810  | (160,841) | -     |
| (-) PIS / Pasep and Cofins taxes on charges for use of power grid | (19,930) | (15,612) | 2,868     | -     | (70,268) | (42,414)  | 65.7  |
| TOTAL   | 296,321  | 216,759  | (41,015)  | -     | 919,788  | 384,846   | 139.0 |

- (iv) 40.7% increase in "third-party services", as a result of higher costs with the maintenance of the electrical system, due to the high number of storms in the period, in addition to increased costs with communications and data processing and transmission;
- (v) 10.5% growth in "personnel and management", in line with period inflation; and
- (vi) 15.0% increase in "pension and healthcare plans", chiefly due to the upturn in the expenses with the healthcare plan in the period.

|   |           |           |           |        |            |            | R\$ '000 |
|---|-----------|-----------|-----------|--------|------------|------------|----------|
| Operating Costs and Expenses                          | 4Q15      | 3Q15      | 4Q14      | Var.%  | 2015       | 2014       | Var.%    |
| Operating costs and expenses                          | (1)       | (2)       | (3)       | (1/3)  | (4)        | (5)        | (4/5)    |
| Electricity purchased for resale                      | 1,017,657 | 1,447,889 | 1,595,104 | (36.2) | 6,032,916  | 5,080,594  | 18.7     |
| Charge of the main distribution and transmission grid | 296,321   | 216,759   | (41,015)  | -      | 919,788    | 384,846    | 139.0    |
| Personnel and management                              | 421,190   | 253,890   | 381,187   | 10.5   | 1,168,850  | 1,052,811  | 11.0     |
| Pension and healthcare plans                          | 65,718    | 62,711    | 57,169    | 15.0   | 254,327    | 201,542    | 26.2     |
| Materials and supplies                                | 18,903    | 19,573    | 18,462    | 2.4    | 76,702     | 74,435     | 3.0      |
| Materials and supplies for power eletricity           | 11,303    | 54,966    | 58,422    | (80.7) | 199,323    | 150,848    | 32.1     |
| Natural gas and supplies for the gas business         | 122,013   | 298,099   | 409,256   | (70.2) | 1,176,090  | 1,469,842  | (20.0)   |
| Third-party services                                  | 161,539   | 124,373   | 114,829   | 40.7   | 519,503    | 424,464    | 22.4     |
| Depreciation and amortization                         | 173,117   | 178,245   | 167,478   | 3.4    | 676,472    | 629,943    | 7.4      |
| Provisions and reversals                              | (286,310) | 93,447    | 927,769   | -      | 210,829    | 1,203,682  | (82.5)   |
| Construction cost                                     | 386,664   | 302,261   | 314,169   | 23.1   | 1,251,004  | 1,285,902  | (2.7)    |
| Other cost and expenses                               | 105,716   | 131,150   | 126,746   | (16.6) | 426,134    | 392,524    | 8.6      |
| TOTAL   | 2,493,831 | 3,183,363 | 4,129,576 | (39.6) | 12,911,938 | 12,351,433 | 4.5      |

In 2015, operating costs and expenses totaled R\$12,911.9 million, 4.5% more than in 2014, mainly reflecting (a) higher energy acquisition costs, due to the end of the transfer of CDE and ACR account funds, which totaled R\$1,253.4 million in 2014, and (b) increased charges for the use of the distribution and transmission grid, due to the higher dispatch of thermal plants for energy security reasons, partially offset by lower provision thanks



to the partial reversal related to Ivaí Engenharia (R\$209.9 million) and the partial reversal of impairment of generation assets (R\$66.0 million).

### 2.3 Equity in the Earnings of Subsidiaries

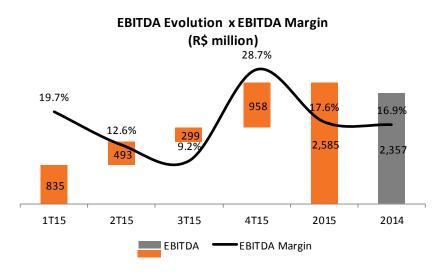
Equity in the earnings of investees reflects gains and losses from investments in Copel's investees. In 4Q15, the result was negative by R\$58.4 million mainly due to the loss recorded in the SPCs Matrinchã and Guaraciaba, which was due to low on financial assets (reclassification of debt charges), partially offset by gains at Sanepar, Dominó Holdings, and Foz do Chopim Energética. In 2015, equity in the results of investees totaled R\$92.5 million, 42.1% less than the R\$160.0 million recorded in 2014.

#### 2.4 EBITDA

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Earnings before interest, taxes, depreciation and amortization amounted to R\$957.9 million in 4Q15, 77.3% higher than in the same period the year before (R\$540.2 million), chiefly due to the partial reversal of provisions for legal claims (R\$259.3 million), adherence to the renegotiation of the hydrologic risk/GSF (R\$134.7 million), impairment tests (reversal of R\$66.0 million, against a recognition of R\$807.3 million in 4Q14) and the reclassification of exchange variation on purchase energy from Itaipu to financial expenses (before recorded as operating costs), partially offset by the result of the Araucária TPP (a R\$58.5 million loss in 4Q15 versus a R\$218.6 million gain in 4Q14) due to the lower dispatch in the period.

In 2015, EBITDA totaled R\$2,585.2 million, 9.7% up on the R\$2,357.0 million recorded in 2014.



Excluding non-recurring effects, adjusted EBITDA came to R\$547.3 million in 4Q15, 17.2% higher than in 4Q14, while in 2015 adjusted EBITDA totaled R\$2,174.6 million 21.0% down from 2014. The table below shows the items used in the calculation of adjusted EBITDA.



|  |           |             |       |           |             | R\$ million |
|--|-----------|-------------|-------|-----------|-------------|-------------|
| Adjusted EBITDA                          | 4Q15      | 4Q14        | Var.% | 2015      | 2014        | Var.%       |
| Adjusted EDITOA                          | (1)       | (2)         | (1/2) | (3)       | (4)         | (3/4)       |
| EBITDA                                   | 957,933   | 540,193     | 77.3  | 2,585,210 | 2,356,982   | 9.7         |
| (-) Renegotiation GSF                    | (134,620) | -           | -     | (134,620) | -           | -           |
| (-) Reversal Provision - Ivaí Engenharia | (209,948) | -           | -     | (209,948) | -           | -           |
| (-)/+ Test Impairment                    | (66,029)  | 807,281     | -     | (66,029)  | 807,281     | -           |
| (-) CVA Initial recognition              | -         | (1,033,866) | -     | -         | (1,033,866) | -           |
| (+) Period CVA                           | -         | 153,522     | -     | -         | 623,094     | -           |
| Adjusted EBITDA                          | 547,336   | 467,130     | 17.2  | 2,174,613 | 2,753,491   | (21.0)      |

#### 2.5 Financial Result

In 4Q15, financial income totaled R\$238.6 million, 17.6% higher than in the same period of 2014, due to (a) the higher monetary restatement of accounts receivable related to the concession and the CRC transfer, reflecting the period increase in inflation (IGP-M and IGP-DI, respectively) in the period, (b) the 135.4% upturn in late payment charges on electricity bills, following Copel Distribuição's tariff increases, and (c) the recognition of R\$31.6 million in income from sectorial assets and liabilities.

Financial expenses totaled R\$503.8 million in 4Q15, 140.8% up on 4Q14, chiefly due to the increase in debt charges arising from the higher balance of financing and debentures, the increase in interest rates, and the exchange variation on the Itaipu energy purchase.

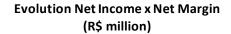
As a result, the 4Q15 financial result was a negative R\$116.2 million versus a positive R\$10.8 million in 4Q14.

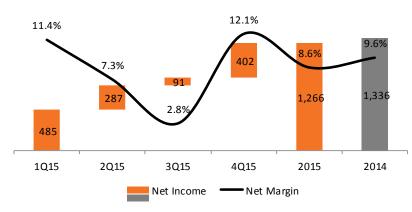
|   |           |           |           |        |             |           | R\$'000 |
|---|-----------|-----------|-----------|--------|-------------|-----------|---------|
|   | 4Q15      | 3Q15      | 4Q14      | Var.%  | 2015        | 2014      | Var.%   |
|   | (1)       | (2)       | (2)       | (1/2)  | (3)         | (4)       | (3/4)   |
| Financial Revenues  | 238,614   | 220,215   | 202,926   | 17.6   | 987,340     | 701,978   | 40.7    |
| Income and monetary variation on CRC transfer   | 66,294    | 52,462    | 49,185    | 34.8   | 217,722     | 157,422   | 38.3    |
| Income from investments held for trading  | 37,153    | 44,878    | 45,556    | (18.4) | 139,056     | 184,468   | (24.6   |
| Monetary restatement on indemnifiable assets - concession   | 81,757    | 42,868    | 40,028    | 104.2  | 217,713     | 76,989    | 182.8   |
| Late fees on electricity bills  | 51,160    | 44,318    | 21,734    | 135.4  | 168,796     | 138,578   | 21.8    |
| $\label{thm:monetary} \mbox{Monetary restatement on interest on indemnified assets-compensation of the concession}$ | (76,537)  | 6,988     | 7,578     | -      | 20,363      | 50,271    | (59.5   |
| Income from financial investments available for sale  | 3,503     | 3,938     | 7,810     | (55.1) | 16,160      | 26,658    | (39.4   |
| Income from sectorial assets and liabilities  | 31,592    | 11,667    | 7,278     | 334.1  | 121,401     | 7,278     |         |
| Exchange variation About Purchase Itaipu Electric Power   | 25,198    | -         | 7,455     | 238.0  | 25,198      | 7,455     |         |
| Other financial revenues  | 18,494    | 13,096    | 16,302    | 13.4   | 60,931      | 52,859    | 15.3    |
| Financial Expenses  | (503,825) | (227,476) | (209,225) | 140.8  | (1,098,298) | (571,386) | 92.2    |
| Debt charges  | (303,880) | (185,334) | (110,523) | 174.9  | (751,524)   | (366,686) | 105.0   |
| Monetary variation - ANEEL Concession - Use of public asset   | (32,324)  | (21,806)  | (20,138)  | 60.5   | (101,072)   | (63,000)  | 60.4    |
| Exchange variation About Purchase Itaipu Electric Power   | (96,162)  | -         | (24,580)  | 291.2  | (96,162)    | (24,580)  | 291.2   |
| Pis/ Pasep and Cofins taxes over interest on equity   | (42,627)  | -         | (27,662)  | 54.1   | (42,627)    | (28,404)  | 50.3    |
| Monetary and exchange variation   | (301)     | (7,860)   | (2,483)   | (87.9) | (16,560)    | (29,092)  | (43.1   |
| Interest on R&D and PEE   | (9,413)   | (9,477)   | (6,773)   | 39.0   | (34,060)    | (23,399)  | 45.6    |
| Other financial expenses  | (19,118)  | (2,999)   | (17,066)  | 12.0   | (56,293)    | (36,225)  | 55.4    |
| Financial income (expenses)   | (265,211) | (7,261)   | (6,299)   | -      | (110,958)   | 130,592   |         |

#### 2.6 Consolidated Net Income

Net income stood at R\$402.1 million in 4Q15, 46.1% higher than in the same period of 2014 (R\$275.2 million), while in 2015 net income totaled R\$1,265.6 million, 5.2% down from 2014 (R\$1,335.6 million).







# 2.7 Consolidated Income Statement

|   | 4045        | 2015        | 4014        | Var.%          | 2015         | 2014         | R\$'000<br>Var.% |
|---|-------------|-------------|-------------|----------------|--------------|--------------|------------------|
| Income Statement                                      | 4Q15<br>(1) | 3Q15<br>(2) | 4Q14<br>(3) | var.%<br>(1/3) | (4)          | (5)          | var.%<br>(4/5)   |
| OPERATING REVENUES                                    | 3,337,003   | 3,245,188   | 4,462,387   | (25.2)         | 14,728,131   | 13,918,517   | 5.8              |
| Electricity sales to final customers                  | 1,588,176   | 1,409,586   | 1,298,782   | 22.3           | 5,746,920    | 4,371,153    | 31.5             |
| Electricity sales to distributors                     | 621.625     | 751.190     | 1,131,857   | (45.1)         | 3,707,441    | 4,370,792    | (15.2)           |
| Use of the main distribution and transmission grid    | 671,154     | 641,614     | 588,746     | 14.0           | 2,388,505    | 2,237,470    | 6.8              |
| Construction revenue                                  | 372,646     | 282,484     | 307,014     | 21.4           | 1,196,324    | 1,279,010    | (6.5)            |
| Revenues from telecommunications                      | 56,244      | 54,778      | 43,278      | 30.0           | 209,927      | 165,461      | 26.9             |
| Distribution of piped gas                             | 124,879     | 140,843     | 118,898     | 5.0            | 526,399      | 391,285      | 34.5             |
| Result of Sectorial financial assets and liabilities  | (121,173)   | (59,678)    | 1,033,866   |                | 858,170      | 1,033,866    | (17.0)           |
| Other operating revenues                              | 23,452      | 24,371      | (60,054)    | -              | 94,445       | 69,480       | 35.9             |
| OPERATING COSTS AND EXPENSES                          | (2,493,831) | (3,183,363) | (4,129,576) | (39.6)         | (12,911,938) | (12,351,433) | 4.5              |
| Electricity purchased for resale                      | (1,017,657) | (1,447,889) | (1,595,104) | (36.2)         | (6,032,916)  | (5,080,594)  | 18.7             |
| Charge of the main distribution and transmission grid | (296,321)   | (216,759)   | 41,015      | -              | (919,788)    | (384,846)    | 139.0            |
| Personnel and management                              | (421,190)   | (253,890)   | (381,187)   | 10.5           | (1,168,850)  | (1,052,811)  | 11.0             |
| Pension and healthcare plans                          | (65,718)    | (62,711)    | (57,169)    | 15.0           | (254,327)    | (201,542)    | 26.2             |
| Materials and supplies                                | (18,903)    | (19,573)    | (18,462)    | 2.4            | (76,702)     | (74,435)     | 3.0              |
| Materials and supplies for power eletricity           | (11,303)    | (54,966)    | (58,422)    | (80.7)         | (199,323)    | (150,848)    | 32.1             |
| Natural gas and supplies for the gas business         | (122,013)   | (298,099)   | (409,256)   | (70.2)         | (1,176,090)  | (1,469,842)  | (20.0)           |
| Third-party services                                  | (161,539)   | (124,373)   | (114,829)   | 40.7           | (519,503)    | (424,464)    | 22.4             |
| Depreciation and amortization                         | (173,117)   | (178,245)   | (167,478)   | 3.4            | (676,472)    | (629,943)    | 7.4              |
| Provisions and reversals                              | 286,310     | (93,447)    | (927,769)   | -              | (210,829)    | (1,203,682)  | (82.5)           |
| Construction cost                                     | (386,664)   | (302,261)   | (314,169)   | 23.1           | (1,251,004)  | (1,285,902)  | (2.7)            |
| Other cost and expenses                               | (105,716)   | (131,150)   | (126,746)   | (16.6)         | (426,134)    | (392,524)    | 8.6              |
| EQUITY IN EARNINGS OF SUBSIDIARIES                    | (58,356)    | 59,092      | 39,904      | -              | 92,545       | 159,955      | (42.1)           |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES             | 784,816     | 120,917     | 372,715     | 110.6          | 1,908,738    | 1,727,039    | 10.5             |
| FINANCIAL RESULTS                                     | (265,211)   | (7,261)     | (6,299)     | -              | (110,958)    | 130,592      | -                |
| Financial income                                      | 238,614     | 220,215     | 202,926     | 17.6           | 987,340      | 701,978      | 40.7             |
| Financial expenses                                    | (503,825)   | (227,476)   | (209,225)   | 140.8          | (1,098,298)  | (571,386)    | 92.2             |
| OPERATIONAL EXPENSES/ INCOME                          | 519,605     | 113,656     | 366,416     | 41.8           | 1,797,780    | 1,857,631    | (3.2)            |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT          | (117,493)   | (22,223)    | (91,178)    | 28.9           | (532,229)    | (522,016)    | 2.0              |
| Income tax and social contribution on profit          | (126,168)   | (101,481)   | (72,943)    | 73.0           | (698,023)    | (747,869)    | (6.7)            |
| Deferred income tax and social contribution on profit | 8,675       | 79,258      | (18,235)    | -              | 165,794      | 225,853      | (26.6)           |
| NET INCOME (LOSS)                                     | 402,112     | 91,433      | 275,238     | 46.1           | 1,265,551    | 1,335,615    | (5.2)            |
| Attributed to controlling shareholders                | 395,822     | 87,609      | 237,142     | 66.9           | 1,192,738    | 1,205,950    | (1.1)            |
| Attributed to non-controlling interest                | 6,290       | 3,824       | 33,605      | (81.3)         | 72,813       | 129,665      | (43.8)           |
| EBITDA  | 957,933     | 299,162     | 540,193     | 77.3           | 2,585,210    | 2,356,982    | 9.7              |

<sup>12</sup> 



# 3. Main Account and Changes Balance Sheet

The main accounts and changes in the Balance Sheet in relation to December 2014 are described below. Please refer to the Explanatory Notes to our Standardized Financial Statements for further information.

#### 3.1 Main Accounts

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#### Cash, Cash Equivalents and Bonds and Securities

On December 31, 2015, the cash and cash equivalents, bonds and securities of Copel's wholly owned subsidiaries and controlled companies totaled R\$1,978.1 million, 48.6% higher than the R\$1,331.5 million recorded in 2014, reflecting the inflow of new loans and financing and the recovery of deferred tariff Copel Distribution from June 2015. These funds were invested, mostly in Bank Deposit Certificates (CDBs) and repo transactions. The investments earned an average yield of the period variation in the Interbank Deposit Certificate (CDI) rate.

#### **Customers**

In 2015, "customers" increased by 39.2% compared with 2014, totaling R\$3,107.9 million, chiefly due to Copel Distribuição's tariff increases in 2015, partially offset by the recognition of the provision for doubtful accounts of R\$339.7 million, R\$119.7 million of which related to differences between the Colíder HPP's energy selling prices traded in the CCEARs and the PLD in the period.

#### CRC Transferred to the State of Paraná

Through the fourth addendum signed on January 21, 2005, the Company renegotiated the CRC balance on December 31, 2004 with the State of Paraná at R\$1,197.4 million, in 244 monthly installments recalculated by the price amortization system, restated by the IGP-DI inflation index plus annual interest of 6.65%. The first installment was due on January 30, 2005, with subsequent and consecutive maturities until April 2025. The current CRC balance is R\$1,383.2 million.

The State of Paraná has been paying the renegotiated installments pursuant to the fourth addendum, whose amortizations are guaranteed by dividends.

#### **Sectorial Financial Assets**

As of December 31, 2014, Copel Distribuição has recognized sectorial financial assets and/or liabilities in its financial statements as a result of an amendment to the concession agreement that guarantees that the residual amounts of items of Portion A and other financial components not recovered or returned via tariffs will be included in, or discounted from, the calculation of the indemnification for non-amortized assets at the expiration of the concession. On December 31, 2015, net sectorial financial assets totaled R\$1,045.7 million,



chiefly due to higher costs with the purchase of energy from Itaipu, the difference between the CDE quota paid monthly and the one envisaged in the electricity tariff, and tariff deferrals. For further details, please refer to our Standardized Financial Statements - DFP (note 9).

#### Accounts Receivable Related to the Concession

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On December 31, 2015, balance totaled came to R\$1,367,6 million, 69.1% less than the same period of 2014, reflecting the transfer of R\$4,056.4 million for intangible assets related to the renewal of the concession of Copel Distribution. These refer to accounts receivable related to the contracts for the concession of electric power transmission and distribution activities. The amounts refer to investments in infrastructure and financial remuneration which were not recovered through tariff and/or APR up to the end of duration of the concession.

#### **Accounts Receivable related to the Concession Indemnification**

On December 31, 2015, the amount recorded in this line was R\$219.5 million, comprising (a) R\$160.2 million related to the accounting value of transmission assets on May 31, 2000 (RBSE), and (b) R\$59.3 million arising from the residual amount of generation assets whose concessions expired in 2015 (Rio dos Patos HPP, GPS HPP and Mourão I HPP).

#### Investments, Property, Plant and Equipment and Intangible Assets

"Investments" moved up by 34.0% until December 31, 2015, due to contributions recorded and equity in the earnings. "Property, plant and equipment" increased by 4.7%, due to new assets, in accordance with the Company's investment program, net of period depreciation. "Intangible assets" were impacted by the reclassification of R\$4,056.4 million from "accounts receivable related to the concession" as a result of the extension of Copel Distribuição's concession agreement to July 7, 2045.

#### 3.2 Debt

#### **Gross Debt**

Copel's consolidated debt totaled R\$7,761.0 million on December 31, 2015, 28.2% higher than the R\$6,054.4 million recorded in 2014, due to (a) Copel GeT's R\$1,000.0 million debenture issue in May and Copel Telecom's R\$160.0 million in October, (b) Copel GeT's R\$500.0 million promissory note issue (to pay for the GPS HPP's concession fee) in December, and (c) R\$158.9 million in BNDES financing to implement the Assis - Paraguaçu Paulista II and Londrina – Figueira/Salto Osório – Foz do Chopim transmission lines and for build the Santa Maria and Santa Helena wind farms.

In 2015, Copel's gross debt represented 53.2% of consolidated shareholders' equity, which closed December 31, 2015 at R\$14,584.5 million, equivalent to R\$53.30 per share (book value per share). The breakdown of the



balance of loans, financing and debentures is shown in the table below:

|                   |                                 |           | R\$'000          |
|-------------------|---------------------------------|-----------|------------------|
|                   |                                 | Total     | composition<br>% |
| Fausina Commana   | National Treasury               | 104,434   | 1.3              |
| Foreign Currency  | Total                           | 104,434   | 1.3              |
|                   | Eletrobras - COPEL              | 81,632    | 1.1              |
|                   | FINEP                           | 27,538    | 0.4              |
| Dames Ma Comment  | BNDES                           | 1,701,758 | 21.9             |
| Domestic Currency | Banco do Brasil S/A and other   | 1,665,004 | 21.5             |
|                   | Debentures and Promissory Notes | 4,180,622 | 53.9             |
|                   | Total                           | 7,656,554 | 98.7             |
| TOTAL             |                                 | 7,760,988 | 100.0            |

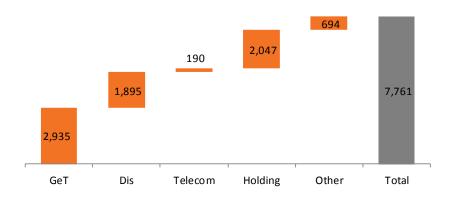
Loans, financing and debentures maturities are presented below:

|                   |                   |                 |           |          |         |         |           | R\$'000   |
|-------------------|-------------------|-----------------|-----------|----------|---------|---------|-----------|-----------|
|                   | <b>Short Term</b> |                 | L         | ong Term |         |         |           | Total     |
|                   | Jan-16 - Dec-16   | Jan-17 - Dec-17 | 2018      | 2019     | 2020    | 2021    | From 2022 | Total     |
| Domestic Currency | 1,231,680         | 1,686,953       | 1,503,075 | 930,197  | 487,124 | 146,555 | 1,670,970 | 7,656,554 |
| Foreign Currency  | 887               | -               | -         | -        | -       | -       | 103,547   | 104,434   |
| TOTAL             | 1,232,567         | 1,686,953       | 1,503,075 | 930,197  | 487,124 | 146,555 | 1,774,517 | 7,760,988 |

#### **Gross Debt by Subsidiary**

The following chart shows the gross debt subsidiaries:

# Gross Debt by Subsidiary R\$ million



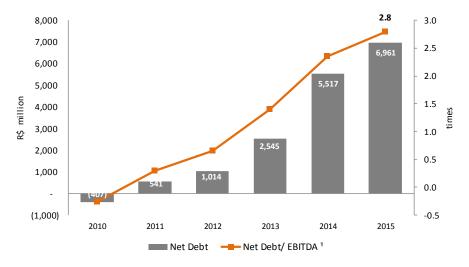
#### **Endorsements and Guarantees**

At the end of December 2015, the Company had R\$1,177.7 million in guarantees and endorsements, as shown below.

| Guarantees and Endorsements <sup>1</sup>            | Dec-15    |
|---|-----------|
| Guarantees and Endorsements                         | Dec-13    |
| SPCs  | 1,135,570 |
| Transmissora Sul Brasileira                         | 67,559    |
| Caiuá Transmissora                                  | 41,246    |
| Integração Maranhense                               | 68,514    |
| Matrinchã Transmissora                              | 322,784   |
| Guaraciaba Transmissora                             | 196,846   |
| Costa Oeste   | 16,859    |
| Mata de Santa Genebra                               | 245,356   |
| Paranaíba   | 134,263   |
| Marumbi   | 42,143    |
| Voltalia São Miguel do Gostoso I Participações S.A. | 146,719   |
| Eol Carnaúbas                                       | 42,456    |
| Eol Reduto  | 43,602    |
| Eol Santo Cristo                                    | 30,331    |
| Eol São João  | 30,331    |
| TOTAL   | 1,177,713 |

<sup>&</sup>lt;sup>1</sup> Adjusted for Copel's stake.

Copel's consolidated net debt (loans, financing and debentures less cash and cash equivalents) and the net debt/EBITDA ratio are shown in the following chart:



EBITDA 12 months

## **Net Debt by Subsidiary**

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The following table shows the net debt of the subsidiaries:

|       |                     |                                 |   |  | R\$ '000   |
|-------|---------------------|---------------------------------|---|--|--|
| GeT   | DIS                 | Telecom                         | Holding   | Other  | Total  |
| 2,935 | 1,895               | 190                             | 2,047   | 694  | 7,761  |
| 224   | -                   | -                               | 954   | -  | 1,178  |
| 750   | 418                 | 123                             | 26  | 662  | 1,978  |
| 2,409 | 1,478               | 67                              | 2,975   | 31   | 6,961  |
|       | 2,935<br>224<br>750 | 2,935 1,895<br>224 -<br>750 418 | 2,935     1,895     190       224     -     -       750     418     123 | 2,935     1,895     190     2,047       224     -     -     954       750     418     123     26 | 2,935     1,895     190     2,047     694       224     -     -     954     -       750     418     123     26     662 |

<sup>16</sup> 



#### Accounts Payables related to the Concession – Use of Public Property

It refers to the concession charges for the use of public property incurred since the execution of the project's concession agreement until the end of the concession.

|        |         |              |                  |         | R\$'000 |
|--------|---------|--------------|------------------|---------|---------|
| Mauá   | Colíder | Baixo Iguaçu | SHP <sup>1</sup> | Elejor  | Total   |
| 15,437 | 21,493  | 5,557        | 2,645            | 490,533 | 535,665 |

<sup>&</sup>lt;sup>1</sup>Relative to SPP Cavernoso, Apucaraninha, Chopim I , Chaminé and Derivação Rio Jordão.

#### **Provisions for Legal Claims**

The Company is involved in a series of lawsuits in different courts and instances. Copel's management, based on its legal advisors' opinion, maintains a provision for legal claims for those cases assessed as probable losses. The balances of provisions for legal claims are as follows:

|                                 |           |           |           |        | R\$ '000 |
|---------------------------------|-----------|-----------|-----------|--------|----------|
| Probable Losses - Consolidated  | Dec-15    | Sep-15    | Dec-14    | Var %  | Var %    |
| Probable Losses - Consolidated  | (1)       | (2)       | (3)       | (1/2)  | (1/3)    |
| Тах                             | 327,048   | 327,294   | 291,844   | (0.1)  | 12.1     |
| Labor suits                     | 408,133   | 393,595   | 326,246   | 3.7    | 25.1     |
| Employees and Benefits          | 104,480   | 104,671   | 114,543   | (0.2)  | (8.8)    |
| Civil                           | 598,637   | 841,048   | 755,077   | (28.8) | (20.7)   |
| Suppliers                       | -         | 34,950    | 60,680    | -      | -        |
| Civil and administrative claims | 325,217   | 301,554   | 256,169   | 7.8    | 27.0     |
| Easements                       | 62,869    | 43,791    | 25,407    | 43.6   | 147.4    |
| Condemnations and property      | 196,895   | 444,904   | 402,219   | (55.7) | (51.0)   |
| Customers                       | 13,656    | 15,849    | 10,602    | (13.8) | 28.8     |
| Environmental claims            | 868       | 563       | 479       | 54.2   | 81.2     |
| Regulatory                      | 55,770    | 51,295    | 58,443    | 8.7    | (4.6)    |
| TOTAL                           | 1,494,936 | 1,718,466 | 1,546,632 | (13.0) | (3.3)    |

The lawsuits classified as possible losses, as estimated by the Company and its controlled companies at the end of 4Q15, totaled R\$3,971.6 million, 45.0% higher on December 2014 (R\$2,738.8 million), distributed in lawsuits of the following natures: tax - R\$1,476.8 million; civil - R\$1,170.0 million; labor - R\$605.1 million; regulatory - R\$646.4 million, and employee benefits - R\$73.3 million.

The main increase refers to the suit for a writ of mandamus filed by Abradee seeking to annul the lawsuit filed by Energia Sustentável do Brasil S.A. – ESBR, which exempts it from being liable for the losses arising from falling behind HPP Jirau's schedule and exposes the distributors to the Short-term Market. The injunction issued in the writ of mandamus has released Copel DIS from disbursing R\$607.5 million related to the settlement of August 2015, and (b) the revision of the estimated losses in the Ivaí Engenharia lawsuit, considering as a probable loss the plaintiff's credit rights restated by the official TJ-PR index (average of IGP-DI/INPC) plus late payment interest of 1% per month and as a possible loss the debt amount restated by the Selic rate plus other interest



indices in the period before the expert report.

# 4. Performance of the Main Companies

## 4.1 Copel Geração e Transmissão

In 4Q15, Copel GeT's operating revenue came to R\$726.3 million, higher 11.0% than the R\$654.2 million recorded in the same period of the previous year, due (a) 36.7% growth in revenue from the use of the main distribution and transmission grid, as a result of the operational start-up of the new transmission assets and the adjustment of the APR in July 2015, (b) a 142.8% increase in construction revenue, resulting from investments in construction services and in transmission infrastructure improvements, and (c) 5.4% growth in supply revenue, resulting from the adjustment of agreements, partially offset by the 2.3% decrease in power supply revenue, as a result of the lower PLD in the period.

Operating costs and expenses totaled R\$35.4 million, 97.6% down from 4Q14, when we recorded provisions related to the impairment of generation assets (R\$807.3 million). However, operating costs and expenses in 4Q15 were also positively influenced by (a) the recognition of R\$134.7 million as a cost recovery with energy acquisitions, (b) the reversal of R\$209.9 million in provisions for disputes concerning Ivaí Engenharia, and (c) the reversal of R\$66.0 million from impairment in the previous year.

Equity in the earnings of investees was negative by R\$80.7 million, when compared to the positive R\$110.5 million registered in the same period of 2014, mainly driven by the negative result of the Araucária TPP (loss of R\$35.5 million in 4Q15) and by the reclassification of debt charges in the transmission SPEs.

In 4Q15, Copel GeT registered net income of R\$323.0 million and EBITDA of R\$680.9 million.

| Main Indicators                     | 4Q15  | 3Q15  | 4Q14<br>(3) | Var.%<br>(1/3) | 2015    | 2014<br>(5) | Var.%<br>(4/5) |
|-------------------------------------|-------|-------|-------------|----------------|---------|-------------|----------------|
|                                     | (1)   | (2)   | (5)         | (1/3)          | (4)     | (5)         | (4/5)          |
| Net Operating Revenue (R\$ million) | 726.3 | 596.0 | 654.2       | 11.0           | 2,890.7 | 2,948.7     | (2.0)          |
| Operating Income (R\$ million)      | 370.1 | 230.2 | (665.3)     | -              | 1,296.4 | 700.4       | 85.1           |
| Net Income (R\$ million)            | 323.0 | 172.1 | (304.4)     | -              | 1,027.4 | 682.4       | 50.6           |
| EBITDA (R\$ million)                | 680.9 | 312.2 | (608.5)     | -              | 1,754.7 | 866.5       | 102.5          |
| Operating Margin                    | 51.0% | 38.6% | -           | -              | 44.8%   | 23.8%       | 88.8           |
| Net Margin                          | 44.5% | 28.9% | -           | -              | 35.5%   | 23.1%       | 53.6           |
| EBITDA Margin                       | 93.7% | 52.4% | -           | -              | 60.7%   | 29.4%       | 106.6          |
| Investment Program (R\$ million)    | 512.2 | 353.6 | 145.8       | 251.3          | 1,335.6 | 758.4       | 76.1           |

Analyzing the result of 2015, Copel GeT's operating revenue was R\$2,890.7 million, down 2.0% over the same period of the previous year, while operating costs and expenses decreased 41.2%, totaling R\$1,603.6 million. Net income came to R\$1,027.4 million and EBITDA totaled R\$1,754.7 million, a increase of 50.6% and 102.5%, respectively, when compared in 2014.



#### Copel GeT – EBITDA adjusted for non-recurring events

Excluding non-recurring effects, Copel GeT's adjusted EBITDA came to R\$309.6 million in 4Q15, 55.8% higher than in 4Q14, as a result of the lower expenses with energy acquisitions resulting from the PLD decrease (R\$166.85/MWh in 4Q15 from R\$712.43/MWh in 4Q14) and from the smaller Generation Scaling Factor in the period (GSF of 94.7% in 4Q15 and 87.8% in 4Q14). In 2015, adjusted EBITDA was R\$1,383.4 million, 17.3% lower than in 2014, as a result of the higher Generation Scaling Factor (GSF of 85.3% in 2015, against 90.6% in 2014). The following chart shows the adjusted EBITDA for the period.

|  |           |           |       |           |           | R\$ million |
|--|-----------|-----------|-------|-----------|-----------|-------------|
| Adjusted EBITDA                          | 4Q15      | 4Q14      | Var.% | 2015      | 2014      | Var.%       |
|  | (1)       | (2)       | (1/2) | (3)       | (4)       | (3/4)       |
| EBITDA                                   | 692,952   | (608,524) | -     | 1,766,764 | 866,508   | 103.9       |
| (-) Renegotiation GSF                    | (95,251)  | -         | -     | (95,251)  | -         | -           |
| (-) Reversal Provision - Ivaí Engenharia | (209,948) | -         | -     | (209,948) | -         | -           |
| (-)/+ Test Impairment                    | (66,029)  | 807,281   | -     | (66,029)  | 807,281   | -           |
| Adjusted EBITDA                          | 309,624   | 198,757   | 55.8  | 1,383,436 | 1,673,789 | (17.3)      |

### 4.2 Copel Distribuição

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In 4Q15, Copel Distribuição's net operating revenue totaled R\$2,363.5 million, 21.7% lower than the R\$3,019.6 million recorded in the same period of the previous year, mainly due to the lower result of the sectorial financial assets and liabilities, which was a loss of R\$121.2 million in 4Q15 compared with a gain of R\$1,033.9 million in 4Q14. It is worth noting that the loss in 4Q15 resulted from the period amortization of R\$401.8 million, chiefly due to the recovery via tariffs of the deferrals in 2013 and 2014, which had been registered when the recognition of the result of sectorial financial assets or liabilities became mandatory. The revenue decrease was also impacted by the period downturn in the energy market (down 4.2% and 5.3% in the captive market and grid market, respectively).

Operating costs and expenses increased by 8.8% to R\$2,275.2 million in the period and mainly reflected (a) the higher cost with charges from the use of the distribution and transmission grid as a result of the start-up of the new operating assets in the system, and the main higher charges with system services (ESS), due to the higher dispatch of thermal plants out of merit order, (b) R\$58.4 million in provisions and reversals, of which R\$38.2 million refers to the allowance for doubtful accounts and R\$15.4 million to labor disputes, (c) growth of 13.7% in construction costs (R\$270.2 million in 4Q15), reflecting the investments made in the period, (d) the 15.2% increase in pension and healthcare plan costs, reflecting the higher expenses with the assistance plan, while the costs with personnel and management showed a 9.6% increase in line with period inflation. It is noteworthy that the increase on costs was offset (a) by the lower cost with energy acquisition in the CCEARs, due to the



higher volume of quotas contracted, and (b) by the 86.8% reduction in other operating costs and expenses, reflecting cost recoveries related to the "Morar Bem Program".

The financial result was R\$51.7 million, impacted greatly by the restatement of the financial asset, the interest on overdue invoices, and the remuneration of regulatory assets and liabilities, partially offset by the recognition of R\$96.2 million in financial expense related to the exchange variation on the Itaipu power purchase, before recorded as an operating cost. Thus, Copel DIS recorded net income of R\$107.9 million and EBITDA of R\$149.0 million in 4Q15.

| Main Indicators                     | 4Q15    | 3Q15    | 4Q14    | Var.%  | 2015    | 2014    | Var.%  |
|-------------------------------------|---------|---------|---------|--------|---------|---------|--------|
| Main Indicators                     | (1)     | (2)     | (3)     | (1/3)  | (4)     | (5)     | (4/5)  |
| Net Operating Revenue (R\$ million) | 2,363.5 | 2,136.5 | 3,019.6 | (21.7) | 9,580.8 | 8,347.0 | 14.8   |
| Operating Income (R\$ million)      | 140.1   | (109.3) | 935.3   | (85.0) | 295.6   | 671.0   | (55.9) |
| Net Income (R\$ million)            | 107.9   | (73.1)  | 615.4   | (82.5) | 206.1   | 437.9   | (52.9) |
| EBITDA (R\$ million)                | 149.0   | (85.5)  | 985.8   | (84.9) | 308.1   | 827.8   | (62.8) |
| Operating Margin                    | 5.9%    | -       | 31.0%   | (80.9) | 3.1%    | 8.0%    | (61.6) |
| Net Margin                          | 4.6%    | -       | 20.4%   | (77.6) | 2.2%    | 5.2%    | (59.0) |
| EBITDA Margin                       | 6.3%    | -       | 32.6%   | (80.7) | 3.2%    | 9.9%    | (67.6) |
| Investment Program (R\$ million)    | 170.1   | 169.1   | 83.7    | 103.2  | 656.4   | 857.7   | (23.5) |

In 2015, Copel Distribuição recorded net revenue of R\$9,580.8 million, 14.8% up on 2014, while operating costs and expenses increased by 22.9% to R\$9,516.4 million. Net income came to R\$206.1 million, down 52.9% from the R\$437.9 million recorded in 2014, while EBITDA came to R\$308.1 million, 62.8% lower than the R\$827.8 million presented in the previous year.

#### Copel Distribuição – EBITDA adjusted by CVA

Considering only the movement of the regulatory assets and liabilities in 2014, Copel Distribuição's EBITDA would be 41.4% higher than in 4Q14, and 26.1% below than in 2014. The following chart presents the results of 2015 compared to the results of 2014 adjusted for net sectorial assets and liabilities.

|  |         |             |        |         |             | R\$ million |  |
|--|---------|-------------|--------|---------|-------------|-------------|--|
| Adjusted EBITDA                          | 4Q15    | 4Q14        | Var.%  | 2015    | 2014        | Var.%       |  |
| Adjusted EDITOA                          | (1)     | (2)         | (1/3)  | (4)     | (5)         | (4/5)       |  |
| EBITDA                                   | 149,028 | 985,775     | (84.9) | 308,078 | 827,786     | (62.8)      |  |
| (-) Renegotiation GSF                    | -       | (1,033,866) | -      | -       | (1,033,866) | -           |  |
| (-) Reversal Provision - Ivaí Engenharia | -       | 153,522     | -      | -       | 623,094     | -           |  |
| Adjusted EBITDA                          | 149,028 | 105,431     | 41.4   | 308,078 | 417,014     | (26.1)      |  |



# 4.3 Copel Telecomunicações

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Copel Telecomunicações' operating revenue came to R\$68.1 million in 4Q15, 10.8% more than the R\$61.5 million recorded in the same period of the previous year, mainly due to the expansion of the area of operation and service to new customers. Operating costs and expenses increased by 33.6% to R\$64.1 million in 4Q15, influenced by the 85.8% growth in expenses with third party services, which are necessary for the expansion of the operation area, and the 17.2% growth in costs with personnel, including expenses with pension and healthcare plans, due to the Company's restructuring in the second half of 2014 and the wage increase implemented in October 2015. Net income for the period was R\$11.2 million, a decrease of 28.0% when compared to 4Q14, while EBITDA fell 40.2% to R\$12.4 million, versus the R\$20.7 million of the same period last year.

| Main Indicators                     | 4Q15  | 3Q15  | 4Q14  | Var.%  | 2015  | 2014  | Var.%  |
|-------------------------------------|-------|-------|-------|--------|-------|-------|--------|
|                                     | (1)   | (2)   | (3)   | (1/3)  | (4)   | (5)   | (4/5)  |
| Net Operating Revenue (R\$ million) | 68.1  | 71.5  | 61.5  | 10.8   | 272.2 | 213.2 | 27.7   |
| Operating Income (R\$ million)      | 2.4   | 21.4  | 13.7  | (82.1) | 67.8  | 78.7  | (13.8) |
| Net Income (R\$ million)            | 11.2  | 14.3  | 15.6  | (28.0) | 54.6  | 58.6  | (6.7)  |
| EBITDA (R\$ million)                | 12.4  | 29.0  | 20.7  | (40.2) | 99.9  | 104.0 | (4.0)  |
| Operating Margin                    | 3.6%  | 29.9% | 22.3% | (83.9) | 24.9% | 36.9% | (32.5) |
| Net Margin                          | 16.5% | 19.9% | 25.4% | (35.0) | 20.1% | 27.5% | (27.0) |
| EBITDA Margin                       | 18.2% | 40.6% | 33.7% | (46.0) | 36.7% | 48.8% | (24.8) |
| Investment Program (R\$ million)    | 25.9  | 28.8  | 35.5  | (27.0) | 105.4 | 107.5 | (1.9)  |

Considering the result in 2015, Copel Telecom registered growth of 27.7% in operating income compared to the same period in 2014, totaling R\$272.2 million. Operating costs and expenses totaled R\$203.9 million, growth of 48.4% in the period. Net income reached R\$54.6 million, a decrease of 6.7% over the R\$58.6 million reported in 2014, while Ebitda fell 4.0% in the period, totaling R\$99.9 million.

#### 4.4 UEG Araucária

In 4Q15, UEG Araucária posted net revenue of R\$27.4 million, a 95.6% reduction when compared to 4Q14, caused by the lower volume of power generated in the period (45 GWh in 4Q15 vs. 983 GWh in 4Q14). Operating costs and expenses fell 78.1% mainly due to the lower cost with raw material and inputs for production of power as a consequence of lower dispatch. Thus, Araucária UEG recorded a loss of R\$35.5 million, versus net income of R\$154.7 million in 4Q14. EBITDA was negative by R\$58.5 million, versus a positive R\$218.6 million in 2014.

The accumulated results over the 2015, Araucária TPP recorded operating revenue of R\$1,434.2 million, 32.8% less than the R\$2,134.8 million reported in 2014. Operating costs and expenses totaled R\$1,120.5 million, a 26.0% decrease when compared to the same period of 2014. Net income was R\$242.9 million and EBITDA came to R\$343.9 million, down by 48.5% and 47.5%, respectively.



| Main Indicators                     | 4Q15   | 3Q15  | 4Q14  | Var.%  | 2015    | 2014    | Var.%  |
|-------------------------------------|--------|-------|-------|--------|---------|---------|--------|
| IVIAIII IIIUICATOIS                 | (1)    | (2)   | (3)   | (1/3)  | (4)     | (5)     | (4/5)  |
| Net Operating Revenue (R\$ million) | 27.4   | 286.6 | 625.9 | (95.6) | 1,434.2 | 2,134.8 | (32.8) |
| Operating Income (R\$ million)      | (55.8) | 32.9  | 225.0 | -      | 363.6   | 649.3   | (44.0) |
| Net Income (R\$ million)            | (35.5) | 23.1  | 154.7 | -      | 242.9   | 471.7   | (48.5) |
| EBITDA (R\$ million)                | (58.5) | 16.4  | 218.6 | -      | 343.9   | 655.1   | (47.5) |
| Operating Margin                    | -      | 11.5% | 35.9% | -      | 25.3%   | 30.4%   | (16.7) |
| Net Margin                          | -      | 8.1%  | 24.7% | -      | 16.9%   | 22.1%   | (23.4) |
| EBITDA Margin                       | -      | 5.7%  | 34.9% | -      | 24.0%   | 30.7%   | (21.9) |

The Araucária TPP does not have an availability agreement and operates under the merchant model and the energy produced is sold on the spot market. Copel consolidates the whole of UEGA's net income/loss so that Petrobras portion is booked under "net income/(loss) attributable to non-controlling shareholders". More details in the <a href="Exhibit III">Exhibit III</a>.

# 4.5 Accounting Information

Accounting information concerning Copel's interests in other companies in 2015 is shown in the following table:

|   |              |                         |                       | R\$'000    |
|---|--------------|-------------------------|-----------------------|------------|
| Partnerships -Dec-15                                | Total Assets | Shareholders'<br>Equity | Net Oper.<br>Revenues | Net Income |
| Parent Company (Consolidated)                       |              |                         |                       |            |
| Compagas S.A.                                       | 481,303      | 295,721                 | 1,390,786             | 23,068     |
| Elejor S.A.   | 743,254      | 74,000                  | 237,719               | 43,121     |
| UEG Araucária Ltda                                  | 1,048,507    | 858,240                 | 1,434,180             | 242,860    |
| Jointly-controlled entities (Equity in earning)     |              |                         |                       |            |
| Costa Oeste Transmissora de Energia S.A.            | 106,485      | 63,984                  | 20,634                | 14,720     |
| Caiuá Transmissora de Energia S.A.                  | 237,263      | 104,637                 | 33,802                | 17,511     |
| Cantareira Transmissora S.A                         | 143,693      | 122,664                 | 90,201                | 3,164      |
| Dominó Holdings S.A.                                | 516,611      | 495,210                 | -                     | 50,547     |
| Guaraciaba Transmissora de Energia (TP Sul) S.A.    | 1,080,290    | 609,791                 | 219,858               | (15,349)   |
| Integração Maranhense Transmissora de Energia S.A.  | 473,129      | 208,030                 | 107,415               | 29,281     |
| Marumbi Transmissora de Energia S.A.                | 164,324      | 94,894                  | 47,663                | 16,321     |
| Mata de Santa Genebra S.A                           | 612,267      | 53,698                  | 320,948               | (4,001)    |
| Matrinchã Transmissora de Energia (TP Norte) S.A.   | 2,240,755    | 1,329,554               | 678,806               | 44,195     |
| Paranaíba Transmissora de Energia S.A.              | 1,043,392    | 411,126                 | 611,495               | 14,491     |
| Cantareira Transmissora S.A                         | 706,250      | 337,815                 | 73,863                | (31,964)   |
| Voltalia São Miguel do Gostoso I Participações S.A. | 147,700      | 147,446                 | -                     | (204)      |
| Associates (Equity in erarning)                     |              |                         |                       |            |
| Sanepar   | 8,151,851    | 4,087,483               | 2,971,185             | 444,369    |
| Dona Francisca Energética S.A.                      | 156,042      | 139,964                 | 67,080                | (4,677)    |
| Foz do Chopim Energética Ltda                       | 50,361       | 43,538                  | 47,556                | 33,537     |

<sup>&</sup>lt;sup>1</sup>This data was adjusted to Copel's practices.



# **5. Investment Program**

The Company carried out 91.8% of the investments planned for 2015. The following chart shows the investment program carried out in 2015:

|   |             |             | R\$ millio |
|---|-------------|-------------|------------|
| Subsidiary / SPC                                    | Carried out | Carried out | Scheduled  |
| Subsidial y / SPC                                   | 4Q15        | 2015        | 2015       |
| Copel Geração e Transmissão                         | 527.8       | 1,373.3     | 1,300.1    |
| HPP Colíder   | 98.3        | 373.0       | 345.1      |
| HPP Baixo Iguaçu                                    | 22.9        | 53.7        | 158.5      |
| TL Araraquara / Taubaté                             | 51.5        | 122.8       | 144.0      |
| SE Paraguaçu Paulista                               | 13.3        | 57.5        | 40.2       |
| TL Bateias - Curitiba Norte                         | 33.9        | 49.8        | 42.0       |
| TL Foz do Chopim - Realeza                          | 4.0         | 6.0         | 17.5       |
| SPC Matrinchã Transmissora de Energia <sup>1</sup>  | 122.1       | 254.3       | 104.9      |
| SPC Guaraciaba Transmissora de Energia <sup>1</sup> | 93.1        | 170.0       | 96.9       |
| SPC Mata de Santa Genebra Transmissão <sup>1</sup>  | -           | 2.8         | 10.8       |
| SPC Cantareira Transmissora de Energia <sup>1</sup> | 20.3        | 43.7        | 45.3       |
| Other   | 68.3        | 239.8       | 264.6      |
| Copel Distribuição                                  | 170.1       | 656.4       | 784.7      |
| Copel Telecomunicações                              | 25.9        | 105.4       | 107.7      |
| Holding   | -           | -           | 5.5        |
| Cutia Wind Farm Complex                             | 9.3         | 25.8        | 90.0       |
| Bento Miguel Wind Farm Complex                      | -           | -           | 50.0       |
| Voltalia São Miguel do Gostoso Wind Farm Complex 1  | 12.3        | 20.1        | 22.6       |
| Other Invesment <sup>2</sup>                        | 48.8        | 183.7       | 116.3      |
| TOTAL   | 794.0       | 2,364.7     | 2,476.9    |

<sup>&</sup>lt;sup>1</sup> Referring to COPEL's stake.

For the year 2016, Copel's investment program provides for the amount of R\$3,149.8 million, as detailed below:

|   | R\$ million    |
|---|----------------|
| Subsidiary / SPC                                      | Scheduled 2016 |
| Copel Geração e Transmissão                           | 1,695.1        |
| HPP Colíder   | 120.0          |
| HPP Baixo Iguaçu                                      | 85.6           |
| HPP Gov. Parigot de Souza (GPS) - Leilão nº 12/2015   | 574.8          |
| TL Araraquara / Taubaté                               | 161.6          |
| SE Paraguaçu Paulista                                 | 6.7            |
| TL Bateias - Curitiba Norte                           | 11.3           |
| TL Foz do Chopim - Realeza                            | 34.7           |
| TL Assis - Londrina                                   | 82.8           |
| TL Curitiba Leste / Blumenau                          | 11.1           |
| SPC Matrinchã Transmissora de Energia <sub>1</sub>    | 21.6           |
| SPC Guaraciaba Transmissora de Energia <sub>1</sub>   | 74.7           |
| SPC Mata de Santa Genebra Transmissão₁                | 190.7          |
| SPC Cantareira Transmissora de Energia <sub>1</sub>   | 94.3           |
| SPC Paranaíba₁  | 7.3            |
| Others  | 218.0          |
| Copel Distribuição                                    | 570.0          |
| Copel Telecomunicações                                | 146.0          |
| Copel Participações                                   | 0.1            |
| Copel Renováveis                                      | 1.4            |
| Holding   | 4.1            |
| Copel Brisa Portiguar                                 | 110.2          |
| São Bento Energia                                     | 3.2            |
| Cutia Wind Farm Complex                               | 601.3          |
| Other Invesment <sub>2</sub>                          | 18.3           |
| TOTAL   | 3,149.8        |
| 1 Pagarding the participation of Copel in Enterprises |                |

<sup>&</sup>lt;sup>1</sup> Regarding the participation of Copel in Enterprises.

 $<sup>^{\</sup>rm 2}$  Including the gas blocks and other wind farms in final stages of construction.

<sup>&</sup>lt;sup>2</sup> Includes Paraná Gas SPC, Voltalia São Miguel do Gostoso I Participações among others.



# 6. Power Market and Tariffs

# 6.1 Captive Market – Copel Distribuição

Copel Distribuição's electricity sales to the captive market totaled 24,043 GWh in 2015, 0.7% less than in 2014, chiefly due to the economic stagnation and the tariff increase. The following table shows captive market trends by consumption segment:

|                | Number of Customers |           |        | Energy sold (GWh) |       |        |        |        |        |  |
|----------------|---------------------|-----------|--------|-------------------|-------|--------|--------|--------|--------|--|
|                | Dec-15              | Dec-14    | Var. % | 4Q15              | 4Q14  | Var. % | 2015   | 2014   | Var. % |  |
| Residential    | 3,527,126           | 3,437,030 | 2.6    | 1,718             | 1,842 | (6.7)  | 6,957  | 7,267  | (4.3)  |  |
| Industrial     | 88,276              | 91,068    | (3.1)  | 1,757             | 1,801 | (2.5)  | 6,929  | 6,838  | 1.3    |  |
| Commercial     | 376,959             | 369,205   | 2.1    | 1,371             | 1,440 | (4.8)  | 5,530  | 5,470  | 1.1    |  |
| Rural          | 368,297             | 372,464   | (1.1)  | 548               | 571   | (3.9)  | 2,256  | 2,252  | 0.2    |  |
| Other          | 57,404              | 57,203    | 0.4    | 617               | 622   | (0.9)  | 2,371  | 2,381  | (0.4)  |  |
| Captive Market | 4,418,062           | 4,326,970 | 2.1    | 6,011             | 6,276 | (4.2)  | 24,043 | 24,208 | (0.7)  |  |

The residential class had the most significant decrease (4.3% YTD), while the industrial and commercial segment mitigated the impact of reduction residential consumption, an increase of 1.3% and 1.1% in the year, respectively. For more details visit the Notice to the Market - IR 06/16 (link).

# **6.2 Grid Market (TUSD)**

Copel Distribuição's grid market, comprising the captive market, concessionaires and licensees in the State of Paraná, and all free consumers within the Company's concession area, fell 2.0% in 2015, as shown in the following table:

|                               | Number of Customers / Agreements |           |        |       | /h)   |        |        |        |        |
|-------------------------------|----------------------------------|-----------|--------|-------|-------|--------|--------|--------|--------|
|                               | Dec-15                           | Sep-15    | Var. % | 4Q15  | 4T14  | Var. % | 2015   | 2014   | Var. % |
| Captive Market                | 4,418,062                        | 4,391,770 | 2.1    | 6,011 | 6,276 | (4.2)  | 24,043 | 24,208 | (0.7)  |
| Concessionaries and Licensees | 4                                | 6         | -      | 186   | 190   | (2.1)  | 755    | 738    | 2.3    |
| Free Customers <sup>1</sup>   | 131                              | 127       | (2.2)  | 987   | 1,121 | (12.0) | 4,045  | 4,483  | (9.8)  |
| Grid Market                   | 4,418,197                        | 4,391,903 | 2.1    | 7,184 | 7,587 | (5.3)  | 28,843 | 29,429 | (2.0)  |

<sup>&</sup>lt;sup>1</sup> All free customers served by Copel GeT and other suppliers at the Copel DIS concession area.

# **6.3 Electricity Sales**

Copel's electricity sales to final customers, comprising COPEL Distribuição's sales in the captive market and Copel Geração e Transmissão's sales in the free market, fell 1.0% in 2015. The table below breaks down energy sales by consumption segment:



| Commont      | Market   | Energy Sold (GWh) |       |        |        |        |        |  |
|--------------|----------|-------------------|-------|--------|--------|--------|--------|--|
| Segment      | iviarket | 4Q15              | 4Q14  | Var. % | 2015   | 2014   | Var. % |  |
| Residential  |          | 1,718             | 1,842 | (6.7)  | 6,957  | 7,267  | (4.3   |  |
| Industrial   | Total    | 2,697             | 2,794 | (3.5)  | 10,823 | 10,841 | (0.2   |  |
|              | Captive  | 1,757             | 1,801 | (2.5)  | 6,929  | 6,837  | 1.3    |  |
|              | Free     | 940               | 993   | (5.3)  | 3,894  | 4,004  | (2.7   |  |
| Commercial   | Total    | 1,374             | 1,443 | (4.8)  | 5,542  | 5,482  | 1.1    |  |
| Commerciai   | Captive  | 1,371             | 1,440 | (4.8)  | 5,530  | 5,470  | 1.1    |  |
|              | Total    | 3                 | 3     | 5.0    | 12     | 12     | 1.2    |  |
| Rural        |          | 548               | 571   | (3.9)  | 2,256  | 2,252  | 0.2    |  |
| Other        |          | 617               | 623   | (1.0)  | 2,371  | 2,382  | (0.5   |  |
| nergy Supply |          | 6,954             | 7,273 | (4.4)  | 27,949 | 28,224 | (1.0)  |  |

## 6.4 Total Energy Sold

Total energy sold by Copel, comprising Copel Distribuição's and Copel Geração e Transmissão's sales in all the markets, came to 44,196 GWh in 2015, 1.5% higher than in 2014. Copel Geração e Transmissão's sales totaled 17,391 GWh between January and December, 4.9% down from 2014. The following table shows Copel's total electricity sales broken down between Copel Distribuição and Copel Geração e Transmissão:

|                                   | Number of Cu | Number of Customers / Agreements |        |        | Energy Sold (GWh) |        |        |        |        |  |
|-----------------------------------|--------------|----------------------------------|--------|--------|-------------------|--------|--------|--------|--------|--|
|                                   | Dec-15       | Dec-14                           | Var. % | 4Q15   | 4Q14              | Var. % | 2015   | 2014   | Var. % |  |
| Copel DIS                         |              |                                  |        |        |                   |        |        |        |        |  |
| Captive Market                    | 4,418,062    | 4,326,970                        | 2.1    | 6,011  | 6,276             | (4.2)  | 24,043 | 24,208 | (0.7)  |  |
| Concessionaries and Licensees     | 4            | 4                                | -      | 172    | 177               | (2.8)  | 699    | 699    | -      |  |
| CCEE (MCP)                        | -            | -                                | -      | 574    | 93                | 518.5  | 940    | 368    | 155.4  |  |
| Total Copel DIS                   | 4,418,066    | 4,326,974                        | 2.1    | 6,757  | 6,546             | 3.2    | 25,682 | 25,275 | 1.6    |  |
| Copel GeT                         |              |                                  |        |        |                   |        |        |        |        |  |
| CCEAR (Copel DIS)                 | 1            | 1                                | -      | 45     | 112               | (59.9) | 215    | 411    | (47.7) |  |
| CCEAR (other concessionaries)     | 39           | 39                               | -      | 1,124  | 1,199             | (6.2)  | 4,457  | 4,695  | (5.1)  |  |
| Free Customers                    | 28           | 29                               | (3.4)  | 943    | 996               | (5.3)  | 3,906  | 4,016  | (2.7)  |  |
| Bilateral Agreements <sup>1</sup> | 25           | 30                               | (16.7) | 1,590  | 1,858             | (14.4) | 6,675  | 7,392  | (9.7)  |  |
| CCEE (MCP) <sup>2</sup>           | -            | -                                | -      | 330    | 275               | 19.9   | 2,137  | 1,773  | 20.5   |  |
| Total Copel GeT                   | 93           | 99                               | (6.1)  | 4,033  | 4,440             | (9.2)  | 17,391 | 18,287 | (4.9)  |  |
| Copel Renováveis                  |              |                                  |        |        |                   |        |        |        |        |  |
| CCEAR (other concessionaries)     | 112          | -                                | -      | 212    | -                 | -      | 766    | -      | -      |  |
| CER                               | 3            | -                                | -      | 90     | -                 | -      | 357    | -      | -      |  |
| Total Copel Ren                   |              | -                                | -      | 302    | -                 | -      | 1,123  | -      | -      |  |
| Total Copel Consolidated          | 4,418,274    | 4,327,073                        | 2.1    | 11,092 | 10,986            | 1.0    | 44,196 | 43,562 | 1.5    |  |

Note: Not considering the energy from MRE (Energy Relocation Mechanism).

In addition, the energy dispatched by the Araucária Thermal Power Plant totaled 2,465 GWh in 2015. All the energy generated by the plant is sold in the short-term market.

|                             |      |      |        |       |       | GWh    |
|-----------------------------|------|------|--------|-------|-------|--------|
| TPP Araucária - UEGA        | 4Q15 | 4Q14 | Var. % | 2015  | 2014  | Var. % |
| Own Generation <sup>1</sup> | 45   | 983  | (95.4) | 2,465 | 3,308 | (25.5) |

Font: ONS

<sup>&</sup>lt;sup>1</sup> Includes Short Term Sales Agreements.

<sup>&</sup>lt;sup>2</sup> Assured Power allocated in the period, does not consider the impact of the GSF.

 $<sup>{\</sup>tt CCEE: Electric Power Trade Chamber/CCEAR: Energy Purchase Agreements in the Regulated Market/MCP: Short Term Market/CER: Agreements Reserve Energy.} \\$ 

 $<sup>^{1}</sup> Value\ of\ gross\ generation\ verified\ by\ ONS,\ without\ considering\ losses\ of\ the\ Basic\ Network\ associated\ with\ the\ plant.$ 



# 6.5 Energy Flow

# **Energy Flow – Copel Dis**

|                                     |        |        | GWh    |
|-------------------------------------|--------|--------|--------|
| Energy Flow - Copel Dis             | 2015   | 2014   | Var. % |
| Itaipu                              | 5,941  | 5,870  | 1.2    |
| CCEAR – Copel Geração e Transmissão | 215    | 411    | (47.7) |
| CCEAR – Other                       | 14,435 | 16,281 | (11.3) |
| CCEAR – Adjustment auction          | 1,303  | -      | -      |
| CCEE (MCP)                          | 399    | 1,573  | (74.6) |
| Angra                               | 1,051  | 1,046  | 0.5    |
| CCGF                                | 3,873  | 1,315  | 194.5  |
| Itiquira                            | -      | 452    | -      |
| Proinfa                             | 609    | 599    | 1.7    |
| Elejor S.A                          | 1,186  | 1,186  | -      |
| Available Power                     | 29,012 | 28,733 | 1.0    |
| Captive market                      | 24,043 | 24,208 | (0.7)  |
| Wholesale                           | 699    | 699    | -      |
| CCEE (MCP)                          | 940    | 368    | 155.4  |
| Losses and differences              | 3,330  | 3,458  | (3.7)  |
| Basic network losses                | 566    | 541    | 4.6    |
| Distribution losses                 | 2,422  | 2,598  | (6.8)  |
| CG contract allocation              | 342    | 319    | 7.2    |

# **Energy Flow – Copel GeT**

|                            |        |        | GWh    |
|----------------------------|--------|--------|--------|
| Energy Flow - Copel GeT    | 2015   | 2014   | Var. % |
| Own Generation             | 24,960 | 24,605 | 1.4    |
| CCEE (MCP)                 | -      | -      | -      |
| MRE                        | 144    | -      | -      |
| Dona Francisca             | 257    | 612    | (58.0) |
| Total Available Power      | 25,361 | 25,217 | 0.6    |
| Bilateral Agreements       | 6,675  | 7,392  | (9.7)  |
| CCEAR – COPEL Distribuição | 215    | 411    | (47.7) |
| CCEAR – Other              | 4,458  | 4,695  | (5.0)  |
| Free Customers             | 3,906  | 4,016  | (2.7)  |
| CCEE (MCP)                 | 2,137  | 1,773  | 20.5   |
| MRE                        | 7,360  | 6,197  | 18.8   |
| Losses and differences     | 610    | 733    | (16.8) |

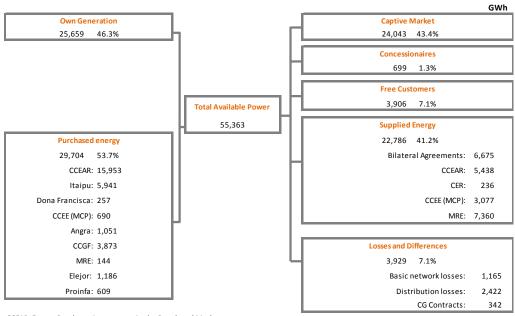


#### **Energy Flow – Wind Farms**

| Energy Flow - São Bento Energia | 2015 |
|---------------------------------|------|
| Own Generation                  | 364  |
| CCEE (MCP)                      | 61   |
| Total Available Power           | 425  |
| CCEAR – COPEL Distribuição      | -    |
| CCEAR – Other                   | 382  |
| CCEE (MCP)                      | -    |
| Losses and differences          | 43   |

|                              | GWh  |
|------------------------------|------|
| Energy Flow - Brisa Potiguar | 2015 |
| Own Generation               | 335  |
| CCEE (MCP)                   | 230  |
| Total Available Power        | 565  |
| CCEAR – COPEL Distribuição   | -    |
| CCEAR – Other                | 383  |
| CER                          | 236  |
| CCEE (MCP)                   | -    |
| Losses and differences       | (54) |

# Consolidated Energy Flow (Jan/ Dec 2015)



 ${\it CCEAR: Energy \, Purchase \, Agreements \, in \, the \, Regulated \, Market}.$ 

CER: Reserve Energy Agreements.

 $\label{eq:MRE:main} \textbf{MRE: Energy Real location Mechanism}.$ 

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

 ${\sf CG: Center \, of \, gravity \, of \, the \, Submarket \, (difference \, between \, billed \, and \, energy \, received \, from \, CG)}.$ 

Don't consider the



## 6.6 Tariffs

#### Sales to Distributors Average Tariff – Copel Geração e Transmissão

|   |            |        |        |        |        | R\$ / MWh |
|---|------------|--------|--------|--------|--------|-----------|
| Tariff  | Amount     | Dec-15 | Sep-15 | Dec-14 | Var. % | Var. %    |
| Tariii  | Average MW | (1)    | (2)    | (3)    | (1/2)  | (1/3)     |
| Copel Geração e Transmissão                           | 525        | 154.59 | 152.10 | 151.38 | 1.6    | 2.1       |
| Auction CCEAR 2007 - 2014                             | -          | -      | -      | 119.91 | -      | -         |
| Auction CCEAR 2008 - 2015                             | 76         | 137.11 | 135.33 | 127.63 | 1.3    | 7.4       |
| Auction CCEAR 2009 - 2016                             | 227        | 156.69 | 154.38 | 145.73 | 1.5    | 7.5       |
| Auction CCEAR 2011 - 2040 ( HPP Mauá)                 | 98         | 178.63 | 176.16 | 166.30 | 1.4    | 7.4       |
| Auction CCEAR 2013 - 2042 (Cavernoso II) <sup>1</sup> | -          | 205.35 | 195.28 | 177.91 | 5.2    | 15.4      |
| Auction CCEAR 2014 (12 months)                        | -          | -      | -      | 191.80 | -      | -         |
| Auction - CCEAR 2015 - 2045 (UHE Colíder)             | 124        | 142.47 | 139.96 | -      | 1.8    | -         |
| Copel Distribuição                                    |            |        |        |        |        |           |
| Concession holders in the State of Paraná             | 81         | 280.38 | 272.32 | 196.30 | 3.0    | 42.8      |
| Total / Tariff Weighted Average Supply <sup>1</sup>   | 606        | 171.46 | 168.38 | 160.38 | 1.8    | 6.9       |

<sup>&</sup>lt;sup>1</sup> The commercial operation of HPP Cavernoso II has been suspended since 09.24.2014.

#### Power Purchase Average Tariff – Copel Distribuição

|  |            |        |        |        |        | R\$ / MWh |
|--|------------|--------|--------|--------|--------|-----------|
| Tariff                                   | Amount     | Dec-15 | Sep-15 | Dec-14 | Var. % | Var. %    |
| Tailli                                   | Average MW | (1)    | (2)    | (3)    | (1/2)  | (1/3)     |
| Itaipu <sup>1</sup>                      | 639        | 327.65 | 396.08 | 143.91 | (17.3) | 127.7     |
| Auction – CCEAR 2007 – 2014              | -          | -      | -      | 157.87 | -      |           |
| Auction – CCEAR 2008 – 2015              | 51         | 143.97 | 143.93 | 132.79 | -      | 8.4       |
| Auction – CCEAR 2010 – H30               | 70         | 194.04 | 194.04 | 178.89 | -      | 8.5       |
| Auction – CCEAR 2010 – T15 <sup>2</sup>  | 65         | 205.46 | 205.46 | 189.41 | -      | 8.5       |
| Auction – CCEAR 2011 – H30               | 58         | 199.22 | 199.22 | 183.66 | -      | 8.5       |
| Auction – CCEAR 2011 – T15 <sup>2</sup>  | 54         | 226.55 | 226.55 | 208.85 | -      | 8.5       |
| Auction – CCEAR 2012 – T15 <sup>2</sup>  | 115        | 203.23 | 203.23 | 187.36 | -      | 8.5       |
| Auction – CCEAR 2014 - 2019 <sup>3</sup> | 109        | 240.10 | 331.11 | 395.11 | (27.5) | (39.2     |
| Auction – CCEAR 2014 - 2019 <sup>4</sup> | 272        | 292.93 | 292.93 | 270.81 | -      | 8.2       |
| Auction 2014 - 12M                       | -          | -      | -      | 191.41 | -      | -         |
| Auction 2014 - 18M                       | 10         | -      | -      | 165.20 | -      | -         |
| Auction 2014 - 36M                       | 159        | 159.60 | 159.60 | 149.99 | -      | 6.4       |
| Angra                                    | 120        | 164.88 | 170.38 | 146.48 | (3.2)  | 12.6      |
| CCGF <sup>5</sup>                        | 442        | 28.78  | 30.31  | 31.78  | (5.1)  | (9.5      |
| Santo Antônio                            | 126        | 123.48 | 123.48 | 113.83 | -      | 8.5       |
| Jirau                                    | 203        | 108.61 | 108.61 | 100.12 | -      | 8.5       |
| Others Auctions <sup>6</sup>             | 527        | 132.07 | 129.80 | 314.61 | 1.7    | (58.0     |
| Bilaterals                               | 135        | 210.32 | 210.32 | 203.12 | -      | 3.5       |
| otal / Tariff Average Supply             | 3,156      | 187.06 | 204.25 | 192.42 | (8.4)  | (2.8)     |

<sup>&</sup>lt;sup>1</sup> Furnas transport charge not included.

<sup>&</sup>lt;sup>2</sup> Average auction price restated according to the IPCA inflation index. The price comprises in fact three components: a fixed component, a variable component, and expenses at the Electric Energy Trading Chamber (CCEE). The cost of the latter two components is dependent upon the dispatch of facilities according to the schedule set by the National System Operator (ONS).

<sup>&</sup>lt;sup>3</sup> Energy Agreements.

<sup>&</sup>lt;sup>4</sup> Capacity Agreements.

<sup>&</sup>lt;sup>5</sup> Contract of quotas of assured power of those HPPs which concessions were extended pursuant the new rules of Law 12783/13.

<sup>&</sup>lt;sup>6</sup> Products average price.



Sales to Final Customers Average Tariff Copel Distribuição – without ICMS

|                                  |        |        |        |        | R\$ / MWh |
|----------------------------------|--------|--------|--------|--------|-----------|
| Tariff <sup>1</sup>              | Dec-15 | Sep-15 | Dec-14 | Var. % | Var. %    |
| Tariff*                          | (1)    | (2)    | (3)    | (1/2)  | (1/3)     |
| Industrial <sup>2</sup>          | 418.49 | 418.28 | 263.69 | 0.1    | 58.7      |
| Residential                      | 492.25 | 492.11 | 326.31 | -      | 50.9      |
| Commercial                       | 463.32 | 462.49 | 300.88 | 0.2    | 54.0      |
| Rural                            | 315.70 | 316.44 | 199.78 | (0.2)  | 58.0      |
| Other                            | 357.84 | 357.86 | 231.68 | -      | 54.5      |
| Retail distribution average rate | 433.91 | 433.92 | 281.28 | -      | 54.3      |

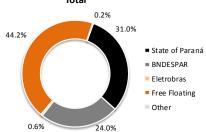
# 7. Capital Market

# 7.1 Capital Stock

Copel's capital amounts to R\$6,910.0 million, represented by shares with no par value. The Company's current number of shareholders is 24,879. In December 2015 the Company's capital was as follows:

|                 |         |       |               |       |               |       | Thous   | and shares |
|-----------------|---------|-------|---------------|-------|---------------|-------|---------|------------|
| Shareholders    | Common  | %     | Preferred "A" | %     | Preferred "B" | %     | TOTAL   | %          |
| State of Paraná | 85,029  | 58.6  | -             | -     | -             | -     | 85,029  | 31.0       |
| BNDESPAR        | 38,299  | 26.4  | -             | -     | 27,282        | 21.3  | 65,581  | 24.0       |
| Eletrobras      | 1,531   | 1.1   | -             |       | -             | -     | 1,531   | 0.6        |
| Free Floating   | 19,876  | 13.7  | 128           | 33.8  | 100,915       | 78.7  | 120,919 | 44.2       |
| BM&FBovespa     | 18,721  | 12.9  | 128           | 33.8  | 64,877        | 50.6  | 83,726  | 30.6       |
| NYSE            | 1,155   | 0.8   | -             | -     | 35,962        | 28.0  | 37,117  | 13.6       |
| LATIBEX         | -       | -     | -             | -     | 76            | 0.1   | 76      | 0.0        |
| Other           | 296     | 0.2   | 252           | 66.2  | 47            | 0.0   | 595     | 0.2        |
| TOTAL           | 145,031 | 100.0 | 380           | 100.0 | 128,244       | 100.0 | 273,655 | 100.0      |





<sup>29</sup> 



#### 7.2 Stock Performance

| Stock Per   | formance (Jan - Dec/ 15)      | Com<br>(CPLE3 / |               |             | Preferred "B"<br>(CPLE6 / ELP / XCOP) |  |  |
|-------------|-------------------------------|-----------------|---------------|-------------|---------------------------------------|--|--|
|             |                               | Total           | Daily average | Total       | Daily average                         |  |  |
|             | Number of Trades              | 51,687          | 210           | 884,788     | 3,597                                 |  |  |
| D140 5D     | Volume Traded                 | 17,640,200      | 71,708        | 156,192,500 | 634,929                               |  |  |
| BM&FBovespa | Trading Value (R\$ thousand)  | 385,738         | 1,568         | 5,048,187   | 20,521                                |  |  |
|             | Presence in Trading Sessions  | 246             | 100%          | 246         | 100%                                  |  |  |
|             | Volume Traded                 | 739,993         | 3,682         | 152,385,157 | 609,541                               |  |  |
| NYSE        | Trading Value (US\$ thousand) | 4,667           | 23            | 1,528,024   | 6,112                                 |  |  |
|             | Presence in Trading Sessions  | 201             | 80%           | 250         | 100%                                  |  |  |
|             | Volume Traded                 | -               | -             | 388,687     | 1,606                                 |  |  |
| LATIBEX     | Trading Value (Euro thousand) | -               | -             | 3,388       | 14                                    |  |  |
|             | Presence in Trading Sessions  | -               | -             | 242         | 95%                                   |  |  |

In 2015, the free float accounted for 44.2% of the Company's capital. Copel's market capitalization, based on the stock prices on all markets at the end of December 2015, was R\$5,399.5 million. Out of the 66 stocks that make up the Ibovespa index, Copel's class B preferred shares accounted for 0.4% of the portfolio, with a Beta index of 0.9. Copel also accounted for 5.6% of the BM&FBovespa's Electric Power Index (IEE). In the Corporate Sustainability Index (ISE), Copel class B preferred shares accounted for 0.7% and Copel common shares 0.1%. Copel's common shares (ON - CPLE3) and class B preferred shares (PNB - CPLE6) were traded in 100% of the trading sessions of the São Paulo Stock Exchange (BM&FBovespa). Copel's common and class B preferred shares closed the period at R\$16.00 and R\$24.30, with a negative variation of 35.7% and 32.3% respectively. In the same period the Ibovespa had negative change of 13.3%. On the New York Stock Exchange (NYSE), class B preferred shares, represented by American Depositary Shares (ADSs), were traded at Level 3, under the ticker ELP, in 100% of the trading sessions and closed the period at US\$5.87, with a negative variation of 55.4%. Over this period, the Dow Jones Index negative by 2.2%.

On the Latibex (the Euro market for Latin American securities on the Madrid Stock Exchange), Copel's class B preferred shares were traded under the ticker XCOP in 95% of the trading sessions and closed the period at €5.46, with a negative variation of 50.9%. In the same period the Latibex All Shares index had negative growth of 39.2%.

The table below summarizes Copel's share prices in 2015.

| 0                 | Tidoo / Indoo  | Price /    | Price / Points |          |  |  |
|-------------------|----------------|------------|----------------|----------|--|--|
| Quotes 12.31.2015 | Ticker / Index | 12.31.2015 | 12.31.2014     | Var. (%) |  |  |
| BM&FBovespa       | CPLE3          | R\$ 16.00  | R\$ 24.90      | (35.7)   |  |  |
|                   | CPLE6          | R\$ 24.30  | R\$ 35.90      | (32.3)   |  |  |
|                   | Ibovespa       | 43,350     | 50,007         | (13.3)   |  |  |
| NYSE              | ELP            | US\$ 5.87  | US\$ 13.17     | (55.4)   |  |  |
| NYSE              | Dow Jones      | 17,425     | 17,823         | (2.2)    |  |  |
| LATIDEY           | XCOP           | € 5.46     | € 11.13        | (50.9)   |  |  |
| LATIBEX           | Latibex        | 1,059      | 1,742          | (39.2)   |  |  |



# 7.3 Dividends and Interest on Own Capital

The table below presents the payments of dividends and interest on own capital as of 2010:

| Type of Earning        | Fiscal Year | Approved on | Paid on  | Thousands of R\$ |         | R\$ per Share |               |
|------------------------|-------------|-------------|----------|------------------|---------|---------------|---------------|
| Type of Earling        | FISCAI TEAI | Approved on | Palu UII | (gross)          | Common  | Preferred "A" | Preferred "B" |
| Total                  | 2010        |             |          | 281,460          | 0.98027 | 2.52507       | 1.07854       |
| IOC¹                   | 2010        | 08/17/10    | 09/20/10 | 85,000           | 0.29662 | 0.32638       | 0.32638       |
| Dividends              | 2010        | 04/28/11    | 05/23/11 | 81,460           | 0.28328 | 1.04782       | 0.31167       |
| IOC                    | 2010        | 04/28/11    | 05/23/11 | 115,000          | 0.40037 | 1.15087       | 0.44049       |
| Total                  | 2011        |             |          | 421,091          | 1.46833 | 2.52507       | 1.61546       |
| IOC¹                   | 2011        | 08/11/11    | 09/15/11 | 225,814          | 0.78803 | 0.86706       | 0.86706       |
| IOC                    | 2011        | 04/26/12    | 05/29/12 | 195,277          | 0.68030 | 1.65801       | 0.74840       |
| Total                  | 2012        |             |          | 268,554          | 0.93527 | 2.52507       | 1.02889       |
| IOC¹                   | 2012        | 12/19/12    | 01/15/13 | 138,072          | 0.47920 | 2.52507       | 0.52720       |
| Dividends              | 2012        | 04/25/13    | 05/23/13 | 130,482          | 0.45607 | -             | 0.50169       |
| Total                  | 2013        |             |          | 560,537          | 1.95572 | 2.52507       | 2.15165       |
| IOC¹                   | 2013        | 11/13/13    | 12/16/13 | 180,000          | 0.62819 | 0.69111       | 0.69111       |
| Dividends <sup>1</sup> | 2013        | 11/13/13    | 12/16/13 | 145,039          | 0.50617 | 0.55688       | 0.55688       |
| Dividends              | 2013        | 04/24/14    | 05/28/14 | 235,498          | 0.82136 | 1.27708       | 0.90366       |
| Total                  | 2014        |             |          | 622,523          | 2.17236 | 2.52507       | 2.39000       |
| IOC¹                   | 2014        | 10/24/14    | 11/21/14 | 30,000           | 0.10469 | 0.11519       | 0.11519       |
| Dividends <sup>1</sup> | 2014        | 10/24/14    | 11/21/14 | 350,770          | 1.22416 | 1.34678       | 1.34678       |
| Dividends              | 2014        | 04/23/15    | 06/22/15 | 241,753          | 0.84351 | 1.06310       | 0.92803       |
|                        |             |             |          |                  |         |               |               |

<sup>&</sup>lt;sup>1</sup> In advance



# 8. Operating Performance

### 8.1 Generation

#### In Operation

#### Copel Geração e Transmissão

Below is the main information of Copel GeT's power station and the power produced between in 2015.

| Power Plants   | Installed<br>Capacity (MW) | Assured Power (Average MW) | Generation<br>(GWh) | Concession<br>Expires |
|--|----------------------------|----------------------------|---------------------|-----------------------|
| Hydroelectric Power Plants                                 | 4,732.1                    | 2,057.7                    | 24,884.3            |                       |
| Gov. Bento Munhoz da Rocha Netto (Foz do Areia)            | 1,676.0                    | 576.0                      | 7,231.2             | 23.05.2023            |
| Gov. Ney Aminthas de B. Braga (Segredo)                    | 1,260.0                    | 603.0                      | 7,263.7             | 15.11.2029            |
| Gov. José Richa (Salto Caxias)                             | 1,240.0                    | 605.0                      | 7,753.9             | 04.05.2030            |
| Gov. Pedro V. Parigot de Souza (Capivari-Cachoeira) (1)(2) | 260.0                      | 109.0                      | 710.2               | 07.07.2015            |
| Mauá <sup>(3)</sup>  | 185.2                      | 100.8                      | 1,439.1             | 03.07.2042            |
| Guaricana  | 36.0                       | 16.1                       | 176.1               | 16.08.2026            |
| Cavernoso II (4)   | 19.0                       | 10.6                       | -                   | 27.02.2046            |
| Chaminé  | 18.0                       | 11.6                       | 104.6               | 16.06.2026            |
| Apucaraninha   | 10.0                       | 6.7                        | 65.4                | 12.10.2025            |
| Mourão <sup>(1)(2)</sup>                                   | 8.2                        | 5.3                        | 23.1                | 07.07.2015            |
| Derivação do Rio Jordão                                    | 6.5                        | 5.9                        | 51.6                | 15.11.2029            |
| Marumbi  | 4.8                        | 2.4                        | 22.9                | (5)                   |
| São Jorge  | 2.3                        | 1.5                        | 16.6                | 03.12.2024            |
| Chopim I (6)   | 2.0                        | 1.5                        | 8.2                 | 07.07.2015            |
| Cavernoso  | 1.3                        | 1.0                        | 6.1                 | 07.01.2031            |
| Melissa  | 1.0                        | 0.6                        | 6.7                 | (7)                   |
| Salto do Vau   | 0.9                        | 0.6                        | 3.0                 | (7)                   |
| Pitangui   | 0.9                        | 0.1                        | 1.9                 | (7)                   |
| Fhermal Power Plant  | 20.0                       | 10.3                       | 71.9                |                       |
| Figueira   | 20.0                       | 10.3                       | 71.9                | 26.03.2019            |
| Wind Energy Plants   | 2.5                        | 0.5                        | 3.6                 |                       |
| Eólica de Palmas <sup>(8)</sup>                            | 2.5                        | 0.5                        | 3.6                 | 28.09.2029            |
| TOTAL  | 4,754.6                    | 2,068.5                    | 24,959.8            |                       |

 $<sup>(1)\,</sup> Hydroelectric\, Power\, Plant\, Cotista,\, according \, to\,\, ANEEL's\,\, Ordinance\,\, No.\,\, 189/2015.\, Considering\, generation\, up\, to\, July\, 7,\, 2015.$ 

On July 7, 2015 was the expiration of the concession agreements of the Governador Parigot de Souza HPP (260 MW) and the Mourão I SHP (8.2 MW), which were under the ownership of Copel GeT.

<sup>(2)</sup> Considering plant's physical guarantee up to concession's expiration date, which is July 7, 2015.

<sup>(3)</sup> Refered to COPEL's participation (51% of power plant capacity of 363 MW).

<sup>(4)</sup> Plant under maintenance since June 2014 due to flood.

<sup>(5)</sup> Submitted to ANEEL for ratification.

 $<sup>(6) \</sup> Expiration of concession as of July 7, 2015, for recording in accordance with ANEEL's Authorizing Resolution (REA) nº. 5.373/2015.$ 

<sup>(7)</sup> Power plants with no concession agreement, only required to be registered at ANEEL.

<sup>(8)</sup> Average wind plant generation.



These plants remained under Copel GeT's responsibility for the provision of electric power generation service and, from then on, Copel GeT began receiving Annual Generation Revenue (AGR) totaling R\$34.2 million, of which (i) R\$31.5 million corresponded to the Governador Parigot de Souza HPP, (ii) R\$2.1 million to the Mourão I SHP, and (iii) R\$631,9 thousand to the Rio dos Patos SHP (whose concession agreement expired on February 14, 2014). The respective AGRs are valid for the period from July 8, 2015 to June 30, 2016, or until these plants are transferred to the auction winners in these concessions were auctioned, whichever occurs first. The energy generated by the project is divided into quotas and, consequently, is not included into Copel GeT's assured energy.

In November 2015, Copel GeT won the right to operate and maintain the Governador Parigot de Souza HPP, upon payment of the grant bonuses in the amount of R\$574.8 million. The concession agreement was signed on January 5, 2016, has a 30-year term and provides annual revenue of R\$130.9 million for services rendered.

Law 13,097/15, published in January 2015, changed the power generation limit for HPPs and SHPs. With the change, the limit for HPPs went from 1 MW to 3 MW. As a result, the Chopim I plant, which used to be classified as a SHP, is now a HGC, and no longer needs a concession, just registration with Aneel.

#### Copel Renováveis

Copel has 11 wind farms in commercial operation, which generated 662 GWh in 2015, as shown in the following chart:

| Wind Farm             | Auction <sup>1</sup> | Installed<br>Capacity (MW) | Assured Power (Average MW) | Generation<br>(GWh) | Price <sup>2</sup> | Expiration of<br>Authorization |
|-----------------------|----------------------|----------------------------|----------------------------|---------------------|--------------------|--------------------------------|
| São Bento             |                      | 94.0                       | 46.3                       | 360.8               | 194.20             |                                |
| Boa Vista             |                      | 14.0                       | 6.3                        | 46.5                | 199.21             | Apr-46                         |
| Olho d'Água           | 2nd LFA              | 30.0                       | 15.3                       | 108.3               | 193.41             | May-46                         |
| São Bento do Norte    | (08.26.2010)         | 30.0                       | 14.6                       | 116.6               | 193.41             | May-46                         |
| Farol                 |                      | 20.0                       | 10.1                       | 89.4                | 193.41             | Apr-46                         |
| Copel Brisa Potiguar  |                      | 183.6                      | 92.6                       | 301.2               | 170.00             |                                |
| Asa Branca I          |                      | 27.0                       | 13.2                       | 66.9                | 195.48             | Apr-46                         |
| Asa Branca II         | 2nd LFA              | 27.0                       | 12.8                       | 66.9                | 195.48             | May-46                         |
| Asa Branca III        | (08.26.2010)         | 27.0                       | 12.5                       | 38.0                | 195.48             | May-46                         |
| Eurus IV              |                      | 27.0                       | 13.7                       | 39.6                | 195.48             | Apr-46                         |
| Santa Maria           |                      | 29.7                       | 15.7                       | 21.4                | 137.31             | May-47                         |
| Santa Helena          | 4th LER (08.18.2011) | 29.7                       | 15.7                       | 36.0                | 137.31             | Apr-47                         |
| Ventos de Santo Uriel | (08.18.2011)         | 16.2                       | 9.0                        | 32.4                | 136.24             | Apr-47                         |
| Total                 |                      | 277.6                      | 138.9                      | 662.0               | 178.06             |                                |

<sup>&</sup>lt;sup>1</sup> LFA - Auction of Alternative Sources/ LER - Auction Reserve Energy.

#### **Interest in Generation Projects**

Copel holds interests in six power generation projects at the operational stage, with a total installed capacity of 1,786.6 MW, 606 MW referred to Copel's stake, as shown below:

<sup>&</sup>lt;sup>2</sup> Price updated to December 2015.

| Company  | Installed<br>Capacity<br>(MW) | Assured Power<br>(Average MW) | Partners  | PPA signed with             | Concession<br>Expires |
|--|-------------------------------|-------------------------------|---|-----------------------------|-----------------------|
| <b>TPP Araucária</b><br>(UEG Araucária)        | 484.1                         | 365.2                         | COPEL - 20%<br>COPEL GeT - 60%<br>Petrobras - 20%   | 1                           | Dec-29                |
| HPP Santa Clara<br>(Elejor)                    | 123.4                         | 72.4                          | COPEL - 70%<br>Paineira Participações - 30%   | COPEL Dis<br>Free customers | Oct-36                |
| <b>HPP Fundão</b><br>(Elejor)                  | 122.5                         | 67.9                          | COPEL - 70%<br>Paineira Participações - 30%   | COPEL Dis<br>Free customers | Oct-36                |
| HPP Dona Francisca<br>(DFESA)                  | 125.0                         | 78.0                          | COPEL - 23,03%         COPEL GeT           Gerdau - 51,82%         Gerdau           Celesc - 23,03%         Celesc           Desenvix - 2,12%         Desenvix                            |                             | Aug-33                |
| SHP Júlio de Mesquita<br>Filho (Foz do Chopim) | 29.1                          | 20.4                          | COPEL - 35,77%<br>Silea Participações - 64,23%  | Free customers              | Apr-30                |
| <b>HPP Lajeado</b><br>(Investco S.A.)          | 902.5                         | 526.6                         | COPEL - 0,82%  CEB Lajeado - 16,98%  Paulista Lajeado Energia S.A 5,94%  EDP Energias do Brasil S.A 4,57%  Lajeado Energia S.A 62,39%  Furnas Centrais Elétricas S.A 0,21%  Other - 9,09% | 2                           | Dec-32                |

<sup>&</sup>lt;sup>1</sup> 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.

#### **Interest in Wind Farms**

Althunding

Copel has 49% interest in the Voltalia São Miguel do Gostoso I Participações S.A. wind farm complex, in the State of Rio Grande do Norte. The wind farm complex, comprises four wind farms, with 108 MW of installed capacity, whose energy was sold in the Fourth Reserve Energy Auction by average price R\$98,92 MWh, under twenty-year contracts, with supply beginning in July, 2015.

| Wind Farm             | Installed Capacity <sup>1</sup><br>(MW) | Assured Power<br>(Average MW) | Price <sup>2</sup> | Start up | CAPEX <sup>3</sup><br>(R\$ million) | Stake (%)    | Wind farm location            | Expiration of<br>Authorization |
|-----------------------|---|-------------------------------|--------------------|----------|-------------------------------------|--------------|-------------------------------|--------------------------------|
| Voltalia - São Miguel | do Gostoso I Participações              | S.A. <sup>4</sup>             |                    |          |                                     |              |                               |                                |
| Carnaúbas             | 27.0                                    | 13.1                          |                    |          | 127.1                               |              | São Miguel do<br>Gostoso (RN) | Apr-47                         |
| Reduto <sup>4</sup>   | 27.0                                    | 14.4                          | 122.10             | h 45     | 128.9                               | 49% COPEL    |                               | Apr-47                         |
| Santo Cristo          | 27.0                                    | 15.3                          | - 133.19           | Jun-15   | 128.9                               | 51% Voltalia |                               | Apr-47                         |
| São João              | 27.0                                    | 14.3                          | _                  |          | 128.9                               | _            |                               | Mar-47                         |
| Total                 | 108.0                                   | 57.1                          | 133.19             |          | 513.9                               |              |                               |                                |

¹The capacity envisaged in the Auction was altered based on the characteristics of Acciona Windpower's equipment, respecting the volume of energy sold.

In April 2015, we concluded the works of these wind farms. Aneel, through Order 2,233, of July 9, 2015, and 2,538, of August 5, 2015, considered suitable for commercial operation of the generating units Wind Farms Reduto, Carnaúbas, Santo Cristo and São João, with total installed capacity 108 MW. However, the commercial operation will begin after completion of the works of transmission facilities (ICG Touros) transmission agent's responsibility, scheduled for the first half of 2016.

 $<sup>^{2}</sup>$  The assets of the Lajeado HPP are leased to its other concession holders in proportional shares of the existing assets.

<sup>&</sup>lt;sup>2</sup> Price updated to December 2015.

<sup>&</sup>lt;sup>3</sup> CAPEX estimated by Brazilian Electricity Regulatory Agency (Aneel) on the date of the auction.

 $<sup>^{\</sup>rm 4}$  Wind farm able to start up, waiting for transmission line conclusion.



#### **Under Construction**

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#### Copel Geração e Transmissão

Copel GeT is building two hydroelectric power plants that will add 405 MW to its total installed capacity, as described below.

| Power Plants      | Installed Capacity<br>(MW) | Assured Power<br>(Average MW) | Stake                                     |
|-------------------|----------------------------|-------------------------------|---|
| HPP Colíder       | 300                        | 179.6                         | 100% Copel GeT                            |
| HPP Baixo Iguaçu  | 350                        | 172.8                         | 30% Copel GeT<br>70% Geração Céu Azul S.A |
| otal <sup>1</sup> | 405                        | 231.4                         |   |

<sup>&</sup>lt;sup>1</sup> Adjusted for Copel's stake

## Colíder Hydroelectric Power Plant

In Aneel New Energy Auction 03/2010, held on July 30, 2010, Copel GeT won the concession for the implementation and operation of the Colíder HPP for 35 years. On January 17, 2011, the federal government and Copel GeT entered into 01/2011-MME-UHE Colíder Concession Agreement involving the use of public assets for electricity generation.

The plant will have an installed capacity of 300 MW and assured energy of 179.6 average-MW and is being implemented on the Teles Pires River, in Mato Grosso State. Investments are estimated at R\$2.0 billion. On the base date of August 1, 2010, 125 average-MW were traded at R\$103.40/MWh, restated by the IPCA consumer price index. The sold energy will be supplied for 30 years as of January 2015 and the remaining energy will be available for sale.

Around 90% of the works are complete, and the launching of the lining of the well of generation unit three, inside the powerhouse, and the removal of vegetation in the reservoir area, in accordance with the Basic Environmental Project, were concluded. At the construction site, we are still assembling electromechanical equipment, with tests on the water intake dams and the generator rotor in Unit 1. In February 2016, we began building the transmission line, with a 63-km extension, which will connect the plant to the Cláudia substation.

As a result of force majeure and government acts during the implementation of the Colíder Hydroelectric Power Plant, Copel Geração e Transmissão is requesting with Aneel a waiver of responsibility, totaling 644 days, related to the delay in the plant's startup, initially scheduled for December 30, 2014. Copel GeT has been honoring Colíder HPP's CCEAR commitments, totaling 125 average-MW, using energy from other plants in its portfolio. In order to so, the Company has refrained from selling energy in the spot market, at the PLD, in order to sell at the CCEAR prices.

On October 9, 2015, the 5th Panel of the Regional Federal Appellate Court of the 1st Region granted the request for interlocutory appellate relief made by Copel GeT. The Court determined that Aneel refrains from imposing to the Company, until the Administrative Case No. 48500.000623/2015 is examined, any record keeping,



deposit, encumbrance, payment, settlement or guarantee, fine, debit or nonpayment, reduction in duration of contracts, reversal of recording of contracts, dismissals, penalties and/or restrictions on rights as a result of falling behind the original schedule of Concession Agreement for Power Generation No. 01/2011-MME-UHE Colíder, also suspending any burden related thereto.

In November 2015, the Second Civil Court of the Colíder District accepted the request for anticipation of protection by the Public Ministry of Mato Grosso State and established that the State Environment Department must abstain from renewing or granting operating licenses in favor of the Colíder HPP project, due to environmental issues. The Company has appealed against the sentence and awaits a court decision. As a result, the startup of unit 1, scheduled for the second semester of 2016, has been postponed to early 2017.

#### Baixo Iguaçu Hydroelectric Power Plant

S. Manhanna

Copel GeT has a 30% interest in the Baixo Iguaçu Consortium, which is responsible for Baixo Iguaçu HPP construction and operation. The power plant will have an installed capacity of 350 MW and assured energy of 172.8 average-MW and it is being built on the Iguaçu River, between the municipalities of Capanema and Capitão Leônidas Marques, in southwest Paraná. Part of the energy that will be produced (121 average-MW) was sold in the 7th New Energy Auction, held on September 30, 2008, at R\$98.98/MWh.

The commercial start-up is scheduled for 2018, due to the recognition by Aneel of an exclusion of liability of 626 days, as of September 1, 2016.

#### Copel Renováveis

#### Wind Farm Complex

Copel Renováveis is expanding its energy generation matrix with renewable sources by building wind farm complexes in the State of Rio Grande do Norte, consisting of 13 projects with a total installed capacity estimated at 332.0 MW, as follows:

| Wind Farm                      | Auction 1               | Installed Capacity<br>(MW) <sup>2</sup> | Assured Power<br>(Average MW) | Price <sup>3</sup> | Start up | CAPEX<br>(R\$ million)         | Premium Value<br>(R\$ million) | Wind farm location | Expiration of<br>Authorization |
|--------------------------------|-------------------------|---|-------------------------------|--------------------|----------|--------------------------------|--------------------------------|--------------------|--------------------------------|
| Dreen Cutia                    |                         | 25.2                                    | 9.6                           | 161.43             |          | 97.6                           |                                | Pedra Grande       | Jan-42                         |
| Dreen Guajiru                  |                         | 21.6                                    | 8.3                           | 161.43             |          | 83.8                           |                                | Pedra Grande       | Jan-42                         |
| Esperança do Nordeste          | 6th LER<br>(10/31/2014) | 30.0                                    | 9.1                           | 161.43             | _        | 116.1<br>114.9<br>9.0<br>114.9 | _                              | São Bento do Norte | May-50                         |
| GE Jangada                     |                         | 30.0                                    | 10.3                          | 161.43             | Oct-17   |                                | 9.4                            | São Bento do Norte | Jan-42                         |
| GE Maria Helena                |                         | 30.0                                    | 12.0                          | 161.43             | _        |                                |                                | São Bento do Norte | Jan-42                         |
| Paraíso dos Ventos do Nordeste | _                       | 30.0                                    | 10.6                          | 161.43             | _        | 115.7                          |                                | São Bento do Norte | May-50                         |
| Potiguar                       | _                       | 28.8                                    | 11.5                          | 161.43             | _        | 112.1                          |                                | São Bento do Norte | May-50                         |
| São Bento do Norte I           |                         | 24.2                                    | 9.7                           | 152.77             |          |                                |                                | São Bento do Norte | Aug-50                         |
| São Bento do Norte II          | _                       | 24.2                                    | 10.0                          | 152.77             | _        |                                |                                | São Bento do Norte | Aug-50                         |
| São Bento do Norte III         | 20th LEN                | 22.0                                    | 9.6                           | 152.77             | _        |                                |                                | São Bento do Norte | Aug-50                         |
| São Miguel I                   | (11/28/2014)            | 22.0                                    | 8.7                           | 152.77             | Jan-19   | 532.2                          | 14.2                           | São Bento do Norte | Aug-50                         |
| São Miguel II                  |                         | 22.0                                    | 8.4                           | 152.77             | _        |                                |                                | São Bento do Norte | Aug-50                         |
| São Miguel III                 |                         | 22.0                                    | 8.4                           | 152.77             | _        |                                |                                | São Bento do Norte | Aug-50                         |
| Total                          |                         | 332.0                                   | 126.2                         | 157.67             |          | 1,287.2                        | 23.6                           |                    |                                |

<sup>&</sup>lt;sup>1</sup>Types of auctions: LER - Auction Reserve Energy / LEN - New Energy Auction

<sup>&</sup>lt;sup>2</sup> The installed capacity of the new projects can be optimized in relation to the registered at auctions.

Price updated to December 2015.

<sup>&</sup>lt;sup>4</sup> The value the CAPEX corresponds to the recorded in EPE.



## 8.2 Transmission

## In Operation

In January 2016, we began commercial operations of the new power substation and 41.5 km of Copel GeT's transmission lines in Paraguaçu Paulista, in the southwestern region of São Paulo. With an investment of R\$57.8 million, the project adds R\$7.0 million to the Copel GeT's APR. The chart below shows the transmission concession agreements and the design of the substations park and the transmission lines in operation:

| Subsidiary / SPC   | Contract              | Enterprise  | TL             | Subst  | tation | APR 1         | Concession |
|--|-----------------------|---|----------------|--------|--------|---------------|------------|
| Subsidiary / SPC   | Contract              | Enterprise  | Extension (km) | Amount | MVA    | (R\$ million) | Expiration |
| Copel GeT  | 060/2001 <sup>2</sup> | Several   | 1,919          | 32     | 12,202 | 174.9         | Dec-42     |
| Copel GeT  | 075/2001              | TL Bateias - Jaguariaiva  | 137            | -      | -      | 17.2          | Jul-31     |
| Copel GeT  | 006/2008              | TL Bateias - Pilarzinho   | 32             | -      | -      | 0.9           | Mar-38     |
| Copel GeT  | 027/2009 ³            | TL Foz - Cascavel Oeste   | 116            | -      | -      | 10.2          | Nov-39     |
| Copel GeT  | 015/2010              | Cerquilho III Substation  | -              | 1      | 300    | 4.6           | Oct-40     |
| Copel GeT  | 022/2012              | LT Foz do Chopim - Salto Osório<br>LT Londrina - Figueira   | 98             | -      | -      | 5.1           | Aug-42     |
|  |                       | TL Assis — Paraguaçu Paulista II  | 37             | -      | -      |               |            |
| Copel GeT 002/2013   |                       | Paraguaçu Paulista II Substation  | -              | 1      | 150    | - 7.0         | Feb-43     |
| ubtotal Copel GeT <sup>4</sup>                               |                       |   | 2,344          | 34     | 12,652 | 220.0         | -          |
| Costa Oeste<br>Copel GeT-51%<br>Eletrosul -49%               | 001/2012              | TL Cascavel Oeste - Umuarama Sul<br>Umuarama Sul Substation   | 143            | 1      | 300    | 5.8           | Jan-42     |
| Transm. Sul Brasileira<br>Copel GeT - 20%<br>Eletrosul - 80% | 004/2012              | Nova Sta Rita - Camaquã   | 798            | 1      | 166    | 12.4          | May-42     |
| Caiuá Transmissora<br>Copel GeT - 49%<br>Elecnor - 51%       | 007/2012              | TL Guaíra - Umuarama Sul<br>TL Cascavel Norte - Cascavel Oeste<br>Santa Quitéria Substation / Cascavel Norte Substation | 136            | 2      | 700    | 10.8          | May-42     |
| Integração Maranhense<br>Copel GeT - 49%<br>Elecnor - 51%    | 011/2012              | TL Açailandia - Miranda II  | 365            | -      | -      | 16.5          | May-42     |
| Marumbi<br>Copel GeT - 80%<br>Eletrosul - 20%                | 008/2012              | LT Curitiba - Curitiba Leste  | 28             | 1      | 672    | 14.7          | May-42     |
| ubtotal SPCs 5   |                       |   | 1,470          | 5      | 1,838  | 60.2          |            |
| otal   |                       |   | 3,814          | 39     | 14,490 | 280.2         |            |

<sup>&</sup>lt;sup>2</sup> Renewed contract pursuant to Law 12,783/13

## **Under Construction**

Copel GeT is substantially increasing its share of the transmission segment through own investments and partnerships in SPCs. The projects have a joint total of 4,539 km of transmission lines and 12 substations and will generate APR of R\$827.8 million, R\$458.5 million of which refers to Copel Get stake. Copel's interest in the transmission projects is available in the table below.

<sup>&</sup>lt;sup>3</sup> APR updated as tariff review process - Aneel Resolution 1,901/15



| Subsidiary / SPC   | Auction | Signing of<br>Contract | Enterprise                    | State           | km    | Subst | APR¹<br>(R\$ million) | CAPEX <sup>2</sup><br>(R\$ million) | Start up | Concession<br>Expiration |
|--|---------|------------------------|-------------------------------|-----------------|-------|-------|-----------------------|-------------------------------------|----------|--------------------------|
| Copel GeT  | 001/10  | Oct-10                 | TL Araraquara II — Taubaté    | SP              | 356   | -     | 28.4                  | 250.0                               | Mar-17   | Oct-40                   |
| Copel GeT  | 007/13  | Jan-14                 | TL Bateias - Curitiba Norte   | PR              | 33    | 1     | 7.7                   | 69.0                                | Apr-16   | Jan-44                   |
| Copel GeT  | 001/14  | Sep-14                 | TL Foz do Chopim - Realeza    | PR              | 53    | 1     | 6.4                   | 49.0                                | Mar-17   | Sep-44                   |
| Copel GeT  | 001/14  | Sep-14                 | TL Assis – Londrina           | SP / PR         | 120   | -     | 16.7                  | 135.0                               | Sep-17   | Sep-44                   |
|  |         |                        | TL Curitiba Leste - Blumenau  |                 |       |       |                       |                                     | Mar-21   |                          |
| Copel GeT  | 005/15  | Mar-16                 | TL Baixo Iguaçu - Realeza     | PR / SC         | 230   | 3     | 97.9                  | 580.6                               | Sep-19   | Mar-46                   |
| Subtotal Copel GeT   |         |                        |                               |                 | 792   | 5     | 157.1                 | 1,083.6                             | -        |                          |
| Matrinchã<br>Copel GeT - 49%<br>State Grid - 51%                     | 002/12  | May-12                 | TL Paranaíta - Ribeirãozinho  | MT              | 1,005 | 3     | 84.9                  | 882.0                               | Apr-16   | May-42                   |
| Guaraciaba<br>Copel GeT - 49%<br>State Grid - 51%                    | 002/12  | May-12                 | TL Ribeirãozinho - Marimbondo | MT / GO /<br>MG | 600   | 1     | 44.5                  | 441.0                               | May-16   | May-42                   |
| Paranaíba<br>Copel GeT - 24,5%<br>Furnas - 24,5%<br>State Grid - 51% | 007/12  | May-13                 | TL Barreiras II - Pirapora II | BA / MG /<br>GO | 967   | -     | 29.4                  | 235.2                               | May-16   | May-43                   |
| Mata de Santa Genebra<br>Copel GeT - 50,1%<br>Furnas - 49,9%         | 007/13  | May-14                 | TL Araraquara II - Bateias    | SP / PR         | 847   | 3     | 100.6                 | 784.6                               | Nov-17   | May-44                   |
| Cantareira<br>Copel GeT - 49%<br>Elecnor - 51%                       | 001/14  | Sep-14                 | TL Estreito - Fernão Dias     | SP / MG         | 328   | -     | 42.0                  | 305.8                               | Mar-18   | Sep-44                   |
| Subtotal SPC   |         |                        |                               |                 | 3,747 | 7     | 301.4                 | 2,648.5                             |          |                          |
| Total  |         |                        |                               |                 | 4,539 | 12    | 458.5                 | 3,732.1                             |          |                          |

<sup>&</sup>lt;sup>1</sup> Update according to Aneel Ratification Resolution 1918/2015 (R\$ milion) / Adjusted for Copel's stake

## 8.3 Distribution

3 dimminis

## **Concession agreement**

In December 2015, the Company signed the fifth amendment to the Public Electricity Distribution Concession Agreement no. 46/1999 of Copel Distribuição S.A., extending the concession term to July 7, 2045.

The concession agreement imposes economic and financial efficiency and quality conditions. Failure to comply with the conditions for two consecutive years or any of the limits at the end of the first five years will result in the termination of the concession. From the sixth year following execution of the agreement, any breach of quality criteria for three consecutive years or economic and financial management criteria for two consecutive years will result in the opening of a forfeiture process. In addition, noncompliance with the overall goals of collective continuity indicators for two consecutive years or three times in five years may limit the payment of dividends or interest on equity, while failure to meet the economic and financial sustainability indicators will reflect the need for a capital contribution from the controlling shareholders. The following chart shows the goals set for Copel Distribuição in the first 5 years of renovation:

<sup>&</sup>lt;sup>2</sup> Aneel reference value (R\$ million) / Adjusted for Copel's stake

| Year | Economic and Financial Management                    | Quality (Limit Established) <sup>1</sup> |                               |  |  |
|------|--|--|-------------------------------|--|--|
| rear | Economic and Financial Management -                  | DEC <sub>i</sub> <sup>2</sup>            | FEC <sub>i</sub> <sup>2</sup> |  |  |
| 2016 |  | 13.61                                    | 9.24                          |  |  |
| 2017 | EBITDA ≥ 0   | 12.54                                    | 8.74                          |  |  |
| 2018 | EBITDA (-) QRR³ ≥ 0                                  | 11.23                                    | 8.24                          |  |  |
| 2019 | {Net Debt / [EBITDA (-) QRR³]} ≤ 1 / (0.8 * SELIC⁴)  | 10.12                                    | 7.74                          |  |  |
| 2020 | {Net Debt / [EBITDA (-) QRR³]} ≤ 1 / (1.11 * SELIC⁴) | 9.83                                     | 7.24                          |  |  |

<sup>&</sup>lt;sup>1</sup> According to Aneel's Technical Note No. 0335/2015

#### **Operating Data**

Admininistra

In the distribution business, Copel serves more than 4.4 million energy consumers in 1,113 locations, belonging to 394 municipalities in State of Paraná and one in the State of Santa Catarina. Copel Distribuição operates and maintains the installations in the 13.8 kV, 34.5 kV, 69 kV, 138 kV and some of 230 kV voltage levels.

| Voltage            | Km      | Substations | MVA    |
|--------------------|---------|-------------|--------|
| 13.8 kV            | 103,488 | -           | -      |
| 34.5 kV            | 83,347  | 224         | 1,517  |
| 69 kV              | 695     | 37          | 2,441  |
| 88 kV <sup>1</sup> | -       | -           | 5      |
| 138 kV             | 5,867   | 102         | 6,779  |
| 230 kV             | 130     | -           | -      |
| Total              | 193,527 | 363         | 10,742 |
|                    |         |             |        |

<sup>&</sup>lt;sup>1</sup> Not automated.

### **Compact-Design Distribution Lines**

Copel Distribuição has continued to implement compact-design distribution lines in urban areas with a high concentration of trees surrounding the distribution grids. This technology reduces the number of trees cut down or trimmed, and improves the quality of power supply by reducing the number of unplanned outages. The total length of compact-design distribution lines in operation in 2015 was 7,929 km.

#### **Secondary Isolated Lines**

Copel Distribuição has also invested in low-voltage (127/220V) secondary isolated lines, which offer substantial advantages over regular overhead lines, including: improvement in DEC and FEC distribution performance indicators, defense against illegal connections, improved environmental conditions, reduced areas subject to tree trimming, improved safety, reduced voltage drops throughout the grid, and increased transformer useful

<sup>&</sup>lt;sup>2</sup> DECi – Equivalent Time of Interruption Caused by Internal Source per Consumer Unit; and FECi – Equivalent Frequency of Interruption Caused by Internal Source per Consumer Unit.

<sup>&</sup>lt;sup>3</sup> QRR: Regulatory Reintegration Quota or Regulatory Depreciation Expense. This is the value defined in the most recent Periodical Tariff Review (RTP), plus the General Market Price Index (IGP-M) between the month preceding the RTP and the month preceding the twelve-month period of the economic and financial sustainability measurement.

<sup>&</sup>lt;sup>4</sup> Selic: limited to 12.87% p.y.



life, due to the reduction of short-circuits, among other advantages. The total length of installed secondary isolated lines closed 2015 at 14,817 km.

## **Quality of Supply**

The two main indicators of power supply quality are DEC (outage duration) and FEC (outage frequency). The more severe weather events compared to previous years contributed to increasing outage duration and frequency indicators (DEC and FEC, respectively) in 2014 and beginning of 2015. The trends for these indicators, as well as for total time service, are shown below:

| Jan-Jun | DEC <sup>1</sup><br>(hours) | FEC <sup>2</sup> (outages) | Total time service (hours) |
|---------|-----------------------------|----------------------------|----------------------------|
| 2011    | 10.64                       | 8.26                       | 1:40                       |
| 2012    | 10.25                       | 7.84                       | 1:51                       |
| 2013    | 11.62                       | 8.06                       | 2:08                       |
| 2014    | 14.01                       | 9.08                       | 1:49                       |
| 2015    | 13.67                       | 8.33                       | 2:03                       |

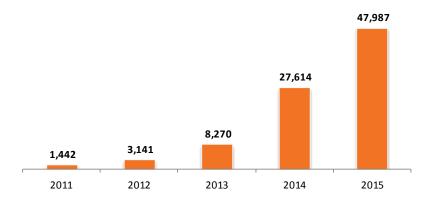
<sup>&</sup>lt;sup>1</sup> DEC measured in hours and hundredths of an hour

### 8.4 Telecommunications

Copel Telecomunicações has an optical backbone, a high capacity intermunicipal transmission network, and the access, a customer service network. The access network can be multi-point (GPON) or point-to-point (conventional), thus connecting the customer to the network's transmission Copel Telecom and providing the contracted services.

In 2015, the backbone cable network extended for 9,868 km and the access network extended for 18,242 km. Currently, we serve the 399 municipalities in the State of Paraná and another 2 in State of Santa Catarina. Copel Telecom has substantially expanded its customer base in recent years, as shown below.

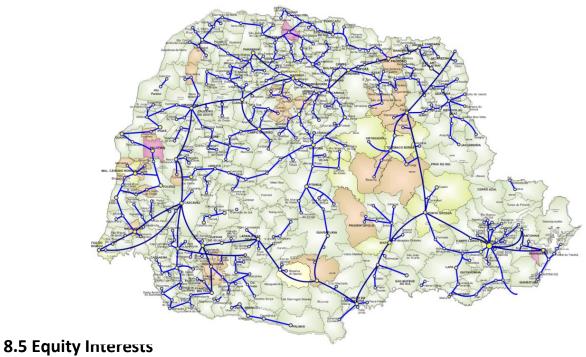
## Number of Clients - Copel Telecomunicações



 $<sup>^{2}\,\,\</sup>text{FEC}\,\text{expressed}\,\text{in number of interruptions and hundredths of a number of interruptions year to date}$ 



# Copel Telecomunicações Fiber Optic Network Map of the State of Paraná



# Other Sectors

Copel holds interests in companies in the gas, telecommunications, sanitation and service sectors, as shown below:

| Company                      | Sector              | Partners                      |
|------------------------------|---------------------|-------------------------------|
| Dansin f Haldings C A        | Sanitation          | COPEL - 49.0%                 |
| Dominó Holdings S.A.         | Sanitation          | Andrade Gutierrez - 51.0%     |
|                              |                     | COPEL - 7.6%                  |
|                              |                     | State of Paraná - 58.7%       |
|                              | Sanitation          | Dominó Holdings S.A 12.2%     |
| anepar                       | Sanitation          | Daleth Participações - 8.3%   |
|                              |                     | Andrade Gutierrez - 2.1%      |
|                              |                     | Other - 11.1%                 |
|                              |                     | COPEL - 51.0%                 |
| Compagas                     | Gas                 | Mitsui Gás - 24.5%            |
|                              |                     | Gaspetro - 24.5%              |
|                              |                     | COPEL - 30.0%                 |
| Paraná Gás Exploração        | Oil and natural and | Petra Energia 1 - 30.0%       |
| Produção S.A                 | Oil and natural gas | Bayar Participações -30.0%    |
|                              |                     | Tucumann Engenharia - 10.0%   |
|                              |                     | COPFL - 45.0%                 |
| ercomtel S.A. Telecom        | Telecommunications  | Município de Londrina - 55.0% |
|                              |                     | COPEL - 49.0%                 |
| Carbocampel S.A.             | Coal mining         | Carbonífera Cambuí - 51.0%    |
|                              |                     | COPEL - 40.0%                 |
| scoelectric Ltda             | Services            | Lactec - 60.0%                |
|                              |                     |                               |
| _                            |                     | COPEL - 48.0%                 |
| Copel-Amec Ltda <sup>2</sup> | Services            | Amec - 47.5%                  |
|                              |                     | Lactec - 4.5%                 |

<sup>&</sup>lt;sup>1</sup> Operating Company.

<sup>&</sup>lt;sup>2</sup> Being liquidated.



## 8.6 New Projects

## **Project Portfolio**

Copel holds interests in different power generation projects. When these projects go into commercial operation, they will add 340.6 MW of installed capacity to the Company's portfolio.

| Project                   | Estimated Installed Capacity (MW) | Estimated Assured Power (Average MW) | COPEL' Stake<br>(%) |
|---------------------------|-----------------------------------|--------------------------------------|---------------------|
| SHP                       | 206.2                             | 114.6                                |                     |
| SHP Bela Vista            | 29.0                              | 18.0                                 | 36.0                |
| SHP Dois Saltos           | 25.0                              | 13.6                                 | 30.0                |
| SHP Foz do Curucaca       | 29.5                              | 16.2                                 | 15.0                |
| SHP Salto Alemã           | 29.0                              | 15.9                                 | 15.0                |
| SHP São Luiz              | 26.0                              | 14.3                                 | 15.0                |
| SHP Pinhalzinho           | 10.9                              | 5.9                                  | 30.0                |
| SHP Alto Chopim           | 20.3                              | 11.2                                 | 15.0                |
| SHP Burro Branco          | 10.0                              | 5.1                                  | 30.0                |
| SHP Rancho Grande         | 17.7                              | 9.7                                  | 15.0                |
| SHP Foz do Turvo          | 8.8                               | 4.7                                  | 30.0                |
| НРР                       | 331.0                             | 165.5                                |                     |
| HPP São Jerônimo          | 331.0                             | 165.5                                | 41.2                |
| WPP                       | 159.0                             | 70.2                                 |                     |
| WPP Complexo Alto Oriente | 60.0                              | 27.4                                 | 100.0               |
| WPP Complexo Jandaia      | 99.0                              | 42.8                                 | 100.0               |
| Total                     | 696.2                             | 350.3                                |                     |

<sup>&</sup>lt;sup>1</sup> The installed capacity of the new projects can be optimized in relation to the registered at auctions.

#### São Jerônimo Hydroelectric Power Plant

The project comprises the future São Jerônimo Hydroelectric Power Plant, with an estimated installed capacity of 331 MW, located on the Tibagi River, in the State of Paraná. This project's implementation will be based on the concession for the use of public assets in Aneel Auction Notice 02/2001 and has been awarded to Consórcio São Jerônimo, in which Copel holds a 41.2% interest. The beginning of the works depends on authorization by the National Congress, pursuant to article 231, paragraph 3 of the Federal Constitution, as the plant's reservoir is in indigenous areas.

## **Thermal Power Generation**

Copel is conducting feasibility studies about four thermoelectric power plants to be constructed in the state of Paraná that may add up to 1,800 MW of installed capacity to the Company's portfolio, as shown in the chart below:



| Project                       | Estimated Installed Capacity (MW) | Fuel        | Location       |
|-------------------------------|-----------------------------------|-------------|----------------|
| Araucária II TPP <sup>1</sup> | 400.0                             | Natural Gas | Araucária - PR |
| Litoral TPP                   | 400.0                             | Natural Gas | Paranaguá - PR |
| Litoral II TPP                | 800.0                             | Natural Gas | Paranaguá - PR |
| Norte Pioneiro TPP            | 200.0                             | Coal        | Sapopema - PR  |
| Total                         | 1,800.0                           |             |                |

<sup>&</sup>lt;sup>1</sup> Owns Preliminary and Installation License by Instituito Ambiental do Paraná.

The feasibility of natural gas thermoelectric power projects Litoral I and II is subject to the construction of a regasification facility in the coast of the state of Paraná, which would also supply natural gas to UEGA and TPP Araucária II project, and possibly to Compagas.

#### **Interest in Feasibility Study**

#### <u>Hydroelectric Potential Surveyed Along the Piquiri River</u>

The feasibility studies for the four hydroelectric power plants making up the hydroelectric potential of the Piquiri River, in Paraná, were submitted by Copel GeT and accepted by Aneel in 2012. The following table features these plants, which have a joint installed capacity 459.3 MW:

| Project            | Estimated Installed Capacity (MW) |
|--------------------|-----------------------------------|
| HPP Apertados      | 139.0                             |
| HPP Comissário     | 140.0                             |
| HPP Foz do Piquiri | 93.2                              |
| HPP Ercilândia     | 87.1                              |
| Total              | 459.3                             |

The public hearings for the Apertados and Ercilândia hydroelectric power plants were held in November 2014, thus fulfilling one of the legal requirements for the respective environmental licenses to be issued. The environmental license applications are currently being reviewed by the Environmental Institute of Paraná State. The preliminary environmental license is a condition for the technical qualification of the projects in the new energy auctions promoted by Aneel.

## <u>Tapajós Hydroelectric Complex</u>

Copel entered into a Technical Cooperation Agreement with eight other companies to conduct studies on the Tapajós and Jamanxim Rivers in Brazil's North Region, including the environmental assessment of the Tapajós River Basin and the feasibility of the Tapajós River Complex, comprising five plants with a joint installed capacity of over 12 thousand MW. The plants currently under study are: Jatobá, with 2,338 MW, and São Luiz do Tapajós, the biggest, with 8,040 MW, both on the Tapajós River. On the Jamanxim River, the Company will be studying the Cachoeira do Caí, Cachoeira dos Patos and Jamanxim Hydroelectric Power Plants. The Technical and Economic Feasibility Study of the São Luiz do Tapajós Hydroelectric Power Plant (EVTE) was submitted

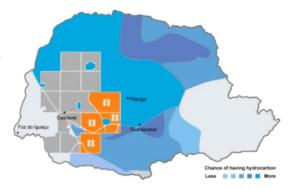


to Aneel for examination in April 2014. The document contains a study of the technical and economic conditions that comprise one of the feasibility aspects of building the plant and will be an integral part of the documentation included in the invitation to bid for the plant's concession. The Environmental Impact Assessments and Environmental Impact Reports (EIA/RIMA) were concluded and delivered to IBAMA (Brazilian Institute of Environment and Renewable Natural Resources) in May 2014. The Company is awaiting for the public hearings to be scheduled. At the moment, the situation of indigenous peoples is under study. Technicians from FUNAI (National Indian Foundation) are studying the possible impacts on indigenous communities.

## Oil and Gas Exploration and Production

On November 28, 2013, in the 12th round of Bids of the National Petroleum Agency (ANP), the consortium formed by Copel (30%), Bayar Participações (30%), Tucumann Engenharia (10%) and Petra Energia (30%) (the latter acting as operator) won the right to explore, develop and produce oil and natural gas in four blocks in an

11,327-km² area in the midwestern region of the State of Paraná. The consortium's total investment will come to R\$78.1 million in the first phase of exploration, for the term of four years granted by the ANP. Copel and its partners Bayar, Tucumann and Petra signed concession contracts for 2 blocks in May 2014. The activities of the first phase of exploitation by the consortium are suspended in the other blocks due to a public-interest civil action, as a result the respective concession contracts have yet to be signed.



Signature Bonus: R\$12.5 million Exploration Program: R\$78.1 million

## 9. Other Information

#### 9.1 Human Resources

Copel's workforce closed 2015 at 8,628 employees distributed. The table below shows employee number trends in the Company and its subsidiaries in the last four years:

| Headcount             | 2012  | 2013  | 2014  | 201   |
|-----------------------|-------|-------|-------|-------|
| Geração e Transmissão | 1,841 | 1,702 | 1,554 | 1,568 |
| Distribuição          | 7,169 | 6,375 | 6,071 | 6,032 |
| Telecomunicações      | 458   | 434   | 601   | 621   |
| Holding               | -     | 136   | 329   | 347   |
| Participações         | -     | -     | 11    | 10    |
| Renováveis            | -     | -     | 26    | 50    |
| TOTAL                 | 9,468 | 8,647 | 8,592 | 8,628 |
|                       |       |       |       |       |

At the end of 2015, Copel Distribuição had 4,418,062 customers, representing a consumer-to-employee ratio of 732. Compagas, Elejor and UEG Araucária, companies in which Copel holds a majority interest, had 162, 7 and 16 employees, respectively.



# 9.2 Main Operational Indicators

| Generation                |    | Installed<br>capacity<br>(MW) |
|---------------------------|----|-------------------------------|
| Copel GeT                 |    |                               |
| In operation              |    | 4,754.6                       |
| Hydroeletric <sup>1</sup> | 18 | 4,732.1                       |
| Thermal                   | 1  | 20.0                          |
| Wind power                | 1  | 2.5                           |
| Under construction        |    | 405.0                         |
| Hydroeletric              | 2  | 405.0                         |
| Copel Holding             |    |                               |
| In operation              |    | 277.6                         |
| Wind farms                | 11 | 277.6                         |
| Under construction        |    | 332.0                         |
| Wind farms                | 13 | 332.0                         |
| Partnership               |    |                               |
| In operation              |    | 606.0                         |
| Hydroeletric              | 5  | 218.7                         |
| Thermal                   | 1  | 387.3                         |
| Under construction        |    | 52.9                          |
| Wind farms <sup>2</sup>   | 4  | 52.9                          |
|                           |    |                               |

| Copel Telecommunication               |        |
|---------------------------------------|--------|
| Optical cables backbone network (km)  | 9,868  |
| Optical cables access network (km)    | 18,242 |
| Cities served in Parana State         | 399    |
| Cities served in Santa Catarina State | 2      |
| Customers                             | 47,987 |
|                                       |        |

| Transmission            |       |
|-------------------------|-------|
| Copel GeT               |       |
| In operation            |       |
| Transmission Lines (km) | 2,344 |
| Substation (amount)     | 34    |
| Under construction      |       |
| Transmission Lines (km) | 792   |
| Substation (amount)     | 5     |
| Partnership             |       |
| In operation            |       |
| Transmission Lines (km) | 1,470 |
| Substation (amount)     | 5     |
| Under construction      |       |
| Transmission Lines (km) | 3,747 |
| Substation (amount)     | 7     |

| Copel Distribuition                       |           |
|---|-----------|
| Distribution lines (km)                   | 193,527   |
| Substations                               | 363       |
| Installed power substations (MVA)         | 10,742    |
| Municipalities served                     | 395       |
| Locations served                          | 1,113     |
| Captive customers                         | 4,418,062 |
| Customers by distribution employee        | 732       |
| DEC (in hundredths of an hour and minute) | 13.67     |
| FEC (number of outages)                   | 8.33      |

| Administration              |       |                     |     |
|-----------------------------|-------|---------------------|-----|
| Total employees             | 8,628 |                     |     |
| Copel Geração e Transmissão | 1,568 | Copel Participações | 10  |
| Copel Distribuição          | 6,032 | Copel Renováveis    | 50  |
| Copel Telecomunicações      | 621   | Copel Holding       | 347 |

 $<sup>^1\,\</sup>text{The plant UHE Capivari-cachoeira} and \,\text{UHE Mour\~ao}\,\,\text{had their concession contracts expired on 07/07/2015};$ 

<sup>&</sup>lt;sup>2</sup> The Wind Farm Voltalia São Miguel do Gostoso I Participações S.A., is able to operate commercially, though the operation will only begin after completion of the transmission of works, transmission agent's responsibility.



## 9.3 Conference Call 4Q15 Results

Sammann.

Information about 4Q15 Results Conference Call:

> Friday, Mar 18, 2016, at 10:00 a.m. (Brasília time)

> Telephone: (+1 516) 300 1066

> Code: Copel

A live webcast of the conference call will be available at: www.copel.com/ir

Please connect 15 minutes before the call.

## Investor Relations – Copel

## ri@copel.com

Telephone: (+ 55 41) 3222-2027

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.



## Exhibit I – Consolidated Cash Flow Statement

A DESTRUCTOR

R\$'000 **Consolidated Cash Flow** 2015 2014 Cash flows from operating activities Net income for the period 1,265,551 1,335,615 Adjustments to reconcile net income with the cash provided by operating activities 1,140,727 1,794,726 Depreciation and Amortization 676,472 629,943 Unrealized monetary and exchange variations, net 399,484 322,768 Remuneration of accounts receivable related to the concession (110,893)(58,782)Sectoral assets and liabilities result (858, 170)(1,033,866)Result of the renegotiation of the hydrological risk (134,620)Equity in earnings of subsidiaries (92.545)(159,955)Income Tax and Social Contribution 747,869 698,023 Deferred Income Tax and Social Contribution (165,794)(225,853)Reversal of provision for losses from devaluation of investments (6,981)Net operational provisions and reversals 210,829 1,203,682 Appropriation of actuarial calculation of post-employment benefits 143,202 102,108 Appropriation of pension and healthcare contribution 133,428 118,392 Provision for research and development and energy efficiency 128,898 115,368 Write off of intangible assets related to concession - goodwill 40,757 23,884 Write off of property, plant, and equipment 41.715 5.670 Write off of intangible assets 29,941 10,479 Decrese (increase) in assets (486,404) 472,123 Increase (reduction) of liabilities (1,557,758) (1,552,565) Net cash generated by operating activities 1,320,643 1,091,372 Cash flows from investing activities Bonds and securities 76,883 (103,603)Loans to related parties (29,400)Receipt of loans to related parties 7,805 149,760 Additions - net effect of acquired cash Additions in investments (528,629)(628,621)(752,529) Additions to property, plant, and equipment (894,575) Additions to intangible (968,802)(1,254,570)Customer contributions 243,054 168,933 Disposal of intangible Net cash generated (used) by investing activities (1,951,533) (2,562,676) Cash flows from financing activities Loans and financing obtained 221,556 1.836.190 Debentures Issued 1,168,633 1,383,378 Amortization of principal amounts of loans and financing (1,170,987) (425,554) Amortization of principal amounts of debentures (154,822)(40,608)Dividends and interest on own capital paid (307,528)(668,969)Net cash used by financing activities 469,803 1,371,486 Increase (decrease) in cash and cash equivalents 740,596 (1,001,501) Cash and cash equivalents at the beginning of the year 740,131 1,741,632 Cash and cash equivalents at the end of the year 1.480.727 740,131 Variation in cash and cash equivalents 740,596 (1,001,501)



# **Exhibit II – Financial Statements – Wholly Owned Subsidiaries**

# Income Statement – Copel Geração e Transmissão

| Income Statement                                      | 4Q15           | 3Q15      | 4Q14<br>(2)    | Var.%  | 2015        | 2014        | Var.%  |
|---|----------------|-----------|----------------|--------|-------------|-------------|--------|
| OPERATING REVENUES                                    | (1)<br>726,293 | (2)       | (3)<br>654,245 | (1/3)  | 2,890,747   | (5)         | (4/5)  |
|   | ,              | 595,961   |                | -      | . ,         | 2,948,677   | (2.0)  |
| Electricity sales to final customers                  | 141,045        | 138,288   | 133,881        | 5.4    | 565,378     | 513,239     | 10.2   |
| Electricity sales to distributors                     | 405,061        | 349,285   | 414,527        | (2.3)  | 1,795,910   | 1,986,217   | (9.6)  |
| Use of the main transmission grid                     | 72,710         | 54,844    | 53,181         | 36.7   | 252,315     | 197,563     | 27.7   |
| Construction revenue                                  | 95,785         | 42,698    | 39,446         | 142.8  | 232,567     | 206,150     | 12.8   |
| Other operating revenues                              | 11,693         | 10,846    | 13,210         | (11.5) | 44,578      | 45,508      | (2.0)  |
| OPERATING COSTS AND EXPENSES                          | (35,356)       | (409,184) | (1,451,450)    | (97.6) | (1,603,627) | (2,728,708) | (41.2) |
| Electricity purchased for resale                      | 97,267         | (51,210)  | (192,048)      | 0.0    | (195,003)   | (417,334)   | (53.3) |
| Charges of main distribution and transmission grid    | (66,994)       | (65,690)  | (58,734)       | 14.1   | (253,225)   | (223,274)   | 13.4   |
| Personnel and management                              | (87,039)       | (53,736)  | (80,789)       | 7.7    | (249,262)   | (227,530)   | 9.6    |
| Pension and healthcare plans                          | (14,540)       | (14,222)  | (14,825)       | (1.9)  | (57,231)    | (52,304)    | 9.4    |
| Materials and supplies                                | (3,648)        | (3,691)   | (4,000)        | (8.8)  | (15,171)    | (16,321)    | (7.0)  |
| Materials and supplies for power eletricity           | (5,433)        | (7,433)   | (7,199)        | (24.5) | (26,522)    | (23,090)    | 14.9   |
| Third-party services                                  | (28,467)       | (22,557)  | (29,054)       | (2.0)  | (104,003)   | (110,090)   | (5.5)  |
| Depreciation and amortization                         | (70,645)       | (67,574)  | (78,132)       | (9.6)  | (279,918)   | (296,127)   | (5.5)  |
| Provisions and reversals                              | 318,923        | (11,508)  | (892,328)      | -      | 67,715      | (978,890)   | -      |
| Construction cost                                     | (109,803)      | (62,475)  | (46,601)       | 135.6  | (287,247)   | (213,042)   | 34.8   |
| Other cost and expenses                               | (64,977)       | (49,088)  | (47,740)       | 36.1   | (203,760)   | (170,706)   | 19.4   |
| EQUITY IN EARNINGS OF SUBSIDIARIES                    | (80,730)       | 57,802    | 110,549        | -      | 187,626     | 350,412     | (46.5) |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES             | 610,207        | 244,579   | (686,656)      | -      | 1,474,746   | 570,381     | 158.6  |
| FINANCIAL RESULTS                                     | (240,061)      | (14,363)  | 21,320         | -      | (178,378)   | 129,999     | -      |
| Financial income                                      | (64,567)       | 19,589    | 29,569         | -      | 75,868      | 165,268     | (54.1) |
| Financial expenses                                    | (175,494)      | (33,952)  | (8,249)        | -      | (254,246)   | (35,269)    | 620.9  |
| OPERATIONAL EXPENSES/ INCOME                          | 370,146        | 230,216   | (665,336)      | -      | 1,296,368   | 700,380     | 85.1   |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT          | (47,196)       | (58,105)  | 360,918        | -      | (268,955)   | (17,994)    | -      |
| Income tax and social contribution on profit          | 5,943          | (86,069)  | 30,902         | (80.8) | (380,794)   | (456,686)   | (16.6) |
| Deferred income tax and social contribution on profit | (53,139)       | 27,964    | 330,016        | -      | 111,839     | 438,692     | (74.5) |
| NET INCOME (LOSS)                                     | 322,950        | 172,111   | (304,418)      | -      | 1,027,413   | 682,386     | 50.6   |
| EBITDA  | 680,852        | 312,153   | (608,524)      | -      | 1,754,664   | 866,508     | 102.5  |



# Income Statement – Copel Distribuição

| Income Statement                                      | 4Q15        | 3Q15        | 4Q14<br>(3) | Var.%<br>(1/3) | 2015        | 2014        | Var.%<br>(4/5) |
|---|-------------|-------------|-------------|----------------|-------------|-------------|----------------|
|   | (1)         | (2)         |             |                | (4)         | (5)         |                |
| OPERATING REVENUES                                    | 2,363,512   | 2,136,489   | 3,019,618   | (21.7)         | 9,580,830   | 8,347,036   | 14.8           |
| Electricity sales to final customers                  | 1,448,367   | 1,272,494   | 1,165,629   | 24.3           | 5,185,981   | 3,860,461   | 34.3           |
| Electricity sales to distributors                     | 116,721     | 64,491      | 92,332      | 26.4           | 321,346     | 297,652     | 8.0            |
| Use of the main distribution grid                     | 621,635     | 609,793     | 554,408     | 12.1           | 2,220,448   | 2,113,863   | 5.0            |
| Construction revenue                                  | 270,166     | 224,453     | 237,644     | 13.7           | 896,924     | 991,356     | (9.5           |
| Sectorial assets and liabilities result               | (121,173)   | (59,678)    | 1,033,866   | -              | 858,170     | 1,033,866   |                |
| Other operating revenues                              | 27,796      | 24,936      | (64,261)    | -              | 97,961      | 49,838      | 96.6           |
| OPERATING COSTS AND EXPENSES                          | (2,275,161) | (2,289,454) | (2,090,504) | 8.8            | (9,516,397) | (7,740,651) | 22.9           |
| Electricity purchased for resale                      | (1,229,627) | (1,428,080) | (1,441,626) | (14.7)         | (6,007,222) | (4,886,909) | 22.9           |
| Charges of main transmission grid                     | (241,733)   | (160,636)   | 88,646      | -              | (706,680)   | (209,066)   | 238.0          |
| Personnel and management                              | (260,760)   | (150,365)   | (237,971)   | 9.6            | (699,891)   | (633,236)   | 10.5           |
| Pension and healthcare plans                          | (42,129)    | (40,966)    | (36,569)    | 15.2           | (165,635)   | (126,961)   | 30.5           |
| Materials and supplies                                | (13,146)    | (14,285)    | (13,173)    | (0.2)          | (55,531)    | (53,918)    | 3.0            |
| Third-party services                                  | (91,311)    | (90,274)    | (84,448)    | 8.1            | (353,773)   | (289,717)   | 22.1           |
| Depreciation and amortization                         | (60,677)    | (67,508)    | (56,661)    | 7.1            | (243,645)   | (221,401)   | 10.0           |
| Provisions and reversals                              | (58,398)    | (63,559)    | (16,267)    | 259.0          | (268,736)   | (185,207)   | 45.1           |
| Construction cost                                     | (270,166)   | (224,453)   | (237,644)   | 13.7           | (896,924)   | (991,356)   | (9.5           |
| Other cost and expenses                               | (7,214)     | (49,328)    | (54,791)    | (86.8)         | (118,360)   | (142,880)   | (17.2          |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES             | 88,351      | (152,965)   | 929,114     | (90.5)         | 64,433      | 606,385     | -              |
| FINANCIAL RESULTS                                     | 51,712      | 43,658      | 6,158       | 739.8          | 231,212     | 64,568      | 258.1          |
| Financial income                                      | 201,406     | 109,894     | 78,100      | 157.9          | 571,651     | 261,150     | 118.9          |
| Financial expenses                                    | (149,694)   | (66,236)    | (71,942)    | 108.1          | (340,439)   | (196,582)   | 73.2           |
| OPERATIONAL EXPENSES/ INCOME                          | 140,063     | (109,307)   | 935,272     | (85.0)         | 295,645     | 670,953     | (55.9          |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT          | (32,208)    | 36,174      | (319,846)   | (89.9)         | (89,591)    | (233,089)   | (61.6          |
| Income tax and social contribution on profit          | (131,618)   | -           | 2,337       | -              | (131,618)   | -           | -              |
| Deferred income tax and social contribution on profit | 99,411      | 36,174      | (322,183)   | -              | 42,028      | (233,089)   | -              |
| NET INCOME (LOSS)                                     | 107,855     | (73,133)    | 615,426     | (82.5)         | 206,054     | 437,864     | (52.9          |
| EBITDA  | 149,028     | (85,457)    | 985,775     | (84.9)         | 308,078     | 827,786     | (62.8          |





#### 4Q15 3Q15 4Q14 Var.% 2015 2014 Var.% **Income Statement** (3) (1/3) (4/5) **NET OPERATING REVENUES** 68,106 71,504 61,482 10.8 272,247 213,163 27.7 Revenues from telecommunications 63,520 61,873 48,147 238,309 195,224 22.1 4,586 13,335 33,938 17,939 89.2 Other operating revenues 9.631 (65.6)OPERATING COSTS AND EXPENSES (64,145)(50,586) (48,007)33.6 (203,878)(137,404) 48.4 Personnel and management (31,007)(18,872) (27,797)11.5 (87,393) (62,069) 40.8 Pension and healthcare plans (4,548) (2,537) 79.3 (17,516) (8,507) (4,302)Materials and supplies (1,136) (692) (557) 103.9 (2,745) (1,551) 77.0 Third-party services (11,453) (9,105)(6,164)85.8 (35,900) (21,530)66.7 (7,220) (28,277) Depreciation and amortization (8,422)(8,087) 16.6 (31,510)11.4 Provisions and reversals (886)(1,441)(496)78.6 (4,729)(3,036) 55.8 (3,236) 106.8 (12,434)Other cost and expenses (6,693)(8,087)(24,085)93.7 PROFIT BEFORE FINANCIAL RESULTS AND TAXES 3,961 20,918 13,475 (70.6)68,369 75,759 (9.8) 211 (1,515) 453 (520) 2,922 31.7 949 1,230 200.4 4,508 Income tax and social contribution on profit 3,695 5,939 Deferred income tax and social contribution on profit (5,210) (496) (1,019)411.3 (6,459) (1,586) 307.3 **OPERATIONAL EXPENSES / INCOME** 13,686 (82.1) 78,681 (13.8) 2.446 21.371 67.849 INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT 1,902 (20,097) 8,770 (7,112)361.1 (13,205)(34.3) Income tax and social contribution on profit 8,763 570 (22,350) (8,616)(15,556) (30.4)Deferred income tax and social contribution on profit 1,504 1,332 (99.4) 2,351 2,253 **NET INCOME (LOSS)** 11,216 14,259 15,588 (28.0) 54,644 58,584 (6.7) EBITDA 12,383 29,005 20,695 (40.2)99,879 104,036 (4.0)

<sup>\*</sup> Amounts subject to rounding.



# **Exhibit III – Financial Statements by Company**

Earnings Release 4Q15

# **Balance Sheet by Company**

| Assets - Dec-15  | Geração e<br>Transmissão   | Distribuição   | Telecom                                       | Compagas                        | Elejor                     | UEG<br>Araucária        | Other <sup>1</sup>                                    | Holding   | Eliminations                                      | Consolidated   |
|--|--|--|---|---------------------------------|----------------------------|-------------------------|---|---|---|--|
| CURRENT  | 1,334,755  | 4,155,554  | 179,898                                       | 103,579                         | 75,004                     | 674,778                 | 233,072   | 793,344   | (616,587)   | 6,933,397  |
| Cash and cash equivalents  | 654,438  | 416,086  | 122,667                                       | 29,321                          | 41,655                     | 132,854                 | 58,053  | 25,653  | -   | 1,480,727  |
| Bonds and securities   | 11,826   | 165  | -   | -                               | -                          | 329,747                 | 64,368  | 168   | -   | 406,274  |
| Collaterals and escrow accounts  | -  | 1,717  | -   | 151                             | -                          | -                       | -   | 132   | -   | 2,000  |
| Customers  | 397,151  | 2,353,136  | 25,486  | 62,125                          | 21,187                     | 186,707                 | 32,530  | -   | (45,495)  | 3,032,827  |
| Dividends receivable   | 93,645   | -  | -   | -                               | -                          | -                       | 12,079  | 488,187   | (553,566)   | 40,345   |
| CRC transferred to the State Government of Paraná  | -  | -  | -   | -                               | -                          | -                       | -   | 111,663   | -   | 111,663  |
| Sectorial financial assets   | -  | 910,759  | -   | -                               | -                          | -                       | -   | -   | -   | 910,759  |
| Account receivable related to concession   | 9,162  | -  | -   | -                               | -                          | -                       | -   | -   | -   | 9,162  |
| Accounts receivable related to the concession compensation   | -  | -  | -   | -                               | -                          | -                       | -   | -   | -   | -  |
| Other current receivables  | 109,590  | 272,652  | 4,278   | 714                             | 2,951                      | 24,422                  | 49,950  | 13,018  | (2,686)   | 474,889  |
| Inventories  | 26,773   | 89,343   | 12,784  | 2,118                           | -                          | -                       | -   | -   | -   | 131,018  |
| Income tax and social contribution   | -  | 20,592   | 10,864  | 7,088                           | -                          | -                       | 1,624   | 154,076   | -   | 194,244  |
| Other current recoverable taxes  | 14,214   | 49,988   | 3,768   | 1,632                           | -                          | 1,048                   | 75  | -   | -   | 70,725   |
| Prepaid expenses   | 17,956   | 21,634   | 51  | 430                             | 9,211                      | -                       | -   | -   | -   | 49,282   |
| Related parties  | -  | 19,482   | -   | -                               | -                          | -                       | 14,393  | 447   | (14,840)  | 19,482   |
| NON-CURRENT  | 10,701,929   | 6,559,712  | 589,419                                       | 377,724                         | 668,250                    | 373,729                 | 1,700,975   | 16,160,380  | (15,117,858)                                      | 22,014,260   |
| Long Term Assets   | 1,436,140  | 1,426,826  | 59,031  | 71,016                          | 46,070                     | 680                     | 85,597  | 2,016,306   | (189,874)   | 4,951,792  |
| Bonds and securities   | 83,361   | 1,289  | -   | 6,467                           | -                          | -                       | -   | -   | -   | 91,117   |
| Collaterals and escrow accounts  | _  |  |   |                                 |                            |                         |   |   |   |  |
|  |  | 86,137   | -   | -                               | -                          | -                       | -   | -   | -   | 86,137   |
| Customers  | 2,055  | 86,137<br>40,676   | 32,331  | -                               | -                          | -                       | -   | -   | -   | 86,137<br>75,062   |
| Customers  CRC transferred to the State Government of Paraná   | 2,055  |  | 32,331  |                                 | -<br>-                     | -                       |   | -<br>-<br>1,271,579   |   |  |
|  | 2,055<br>-<br>59,885   |  | -<br>32,331<br>-<br>7,775                     | 31,254                          | -<br>-<br>-<br>52          | -<br>-<br>-<br>680      | -   | -   | -   | 75,062   |
| CRC transferred to the State Government of Paraná  | -  | 40,676   | -   | -<br>-<br>31,254                | -<br>-<br>52               | -<br>-<br>-<br>680      | -   | 1,271,579   | -   | 75,062<br>1,271,579  |
| CRC transferred to the State Government of Paraná<br>Judicial deposits   | -  | 40,676<br>-<br>352,712   | 7,775   | -<br>-<br>31,254<br>-<br>13,638 | -<br>-<br>52<br>-          | -<br>-<br>-<br>680<br>- | -<br>-<br>157   | 1,271,579   | -   | 75,062<br>1,271,579<br>719,927   |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets  | 59,885   | 40,676<br>-<br>352,712<br>134,903  | 7,775   | -                               | -                          | -                       | -<br>-<br>157   | -<br>1,271,579<br>267,412<br>-                                | -   | 75,062<br>1,271,579<br>719,927<br>134,903  |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets Account receivable related to concession   | 59,885<br>-<br>920,673   | 40,676<br>-<br>352,712<br>134,903  | 7,775   | -                               | -                          | -                       | -<br>-<br>157<br>-<br>-                               | -<br>1,271,579<br>267,412<br>-                                | -   | 75,062<br>1,271,579<br>719,927<br>134,903<br>1,358,451   |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets Account receivable related to concession Accounts receivable related to the concession extension   | 59,885<br>-<br>920,673<br>219,556  | 40,676<br>-<br>352,712<br>134,903<br>424,140   | 7,775   | -                               | -                          | -                       | -<br>157<br>-<br>-                                    | -<br>1,271,579<br>267,412<br>-<br>-                           | -<br>-<br>-<br>-                                  | 75,062<br>1,271,579<br>719,927<br>134,903<br>1,358,451<br>219,556  |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets Account receivable related to concession Accounts receivable related to the concession extension Other receivables   | 59,885<br>-<br>920,673<br>219,556<br>12,531                                  | 40,676<br>-<br>352,712<br>134,903<br>424,140<br>-<br>19,083                                | 7,775   | -                               | -                          | -                       | -<br>157<br>-<br>-<br>-                               | -<br>1,271,579<br>267,412<br>-<br>-<br>-                      | -<br>-<br>-<br>-                                  | 75,062<br>1,271,579<br>719,927<br>134,903<br>1,358,451<br>219,556<br>31,614  |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets Account receivable related to concession Accounts receivable related to the concession extension Other receivables Income tax and social contribution  | 920,673<br>219,556<br>12,531<br>573  | 40,676<br>-<br>352,712<br>134,903<br>424,140<br>-<br>19,083<br>14,969                      | -<br>7,775<br>-<br>-<br>-<br>-                | 13,638                          | -<br>-<br>-<br>-           | -                       | -<br>157<br>-<br>-<br>-<br>-                          | -<br>1,271,579<br>267,412<br>-<br>-<br>-<br>-<br>-<br>79,144  | -<br>-<br>-<br>-                                  | 75,062<br>1,271,579<br>719,927<br>134,903<br>1,358,451<br>219,556<br>31,614<br>94,686  |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets Account receivable related to concession Accounts receivable related to the concession extension Other receivables Income tax and social contribution Other recoverable taxes  | 920,673<br>219,556<br>12,531<br>573<br>69,351                                | 40,676<br>-<br>352,712<br>134,903<br>424,140<br>-<br>19,083<br>14,969<br>307,152           | 7,775<br>-<br>-<br>-<br>-<br>-<br>-<br>13,262 | 13,638                          | -<br>-<br>-<br>-           | -                       | -<br>157<br>-<br>-<br>-<br>-                          | 1,271,579<br>267,412<br>-<br>-<br>-<br>-<br>79,144<br>100,920 | -<br>-<br>-<br>-<br>-<br>-                        | 75,062<br>1,271,579<br>719,927<br>134,903<br>1,358,451<br>219,556<br>31,614<br>94,686<br>537,562                                 |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets Account receivable related to concession Accounts receivable related to the concession extension Other receivables Income tax and social contribution Other recoverable taxes Deferred income tax and social contribution  | 59,885<br>- 920,673<br>219,556<br>12,531<br>573<br>69,351<br>61,460          | 40,676<br>-<br>352,712<br>134,903<br>424,140<br>-<br>19,083<br>14,969<br>307,152           | 7,775<br>-<br>-<br>-<br>-<br>-<br>-<br>13,262 | 13,638                          | -<br>-<br>-<br>-<br>27,373 | -                       | -<br>157<br>-<br>-<br>-<br>-                          | 1,271,579<br>267,412<br>-<br>-<br>-<br>-<br>79,144<br>100,920 | -<br>-<br>-<br>-<br>-<br>-                        | 75,062<br>1,271,579<br>719,927<br>134,903<br>1,358,451<br>219,556<br>31,614<br>94,686<br>537,562<br>112,902                      |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets Account receivable related to concession Accounts receivable related to the concession extension Other receivables Income tax and social contribution Other recoverable taxes Deferred income tax and social contribution Receivables from subsidiaries                  | 59,885<br>- 920,673<br>219,556<br>12,531<br>573<br>69,351<br>61,460          | 40,676<br>-<br>352,712<br>134,903<br>424,140<br>-<br>19,083<br>14,969<br>307,152           | 7,775<br>-<br>-<br>-<br>-<br>-<br>-<br>13,262 | 13,638                          | -<br>-<br>-<br>-<br>27,373 | -                       | -<br>157<br>-<br>-<br>-<br>-<br>-                     | 1,271,579 267,412 79,144 100,920 14                           | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-         | 75,062<br>1,271,579<br>719,927<br>134,903<br>1,358,451<br>219,556<br>31,614<br>94,686<br>537,562<br>112,902<br>25,493            |
| CRC transferred to the State Government of Paraná Judicial deposits Sectoral financial assets Account receivable related to concession Accounts receivable related to the concession extension Other receivables Income tax and social contribution Other recoverable taxes Deferred income tax and social contribution Receivables from subsidiaries Prepaid Expenses | 59,885<br>- 920,673<br>219,556<br>12,531<br>573<br>69,351<br>61,460<br>6,695 | 40,676<br>-<br>352,712<br>134,903<br>424,140<br>-<br>19,083<br>14,969<br>307,152<br>45,765 | 7,775<br>-<br>-<br>-<br>-<br>-<br>-<br>13,262 | 13,638                          | -<br>-<br>-<br>-<br>27,373 | -                       | -<br>157<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>85,440 | 1,271,579 267,412 79,144 100,920 14 - 297,237                 | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>(189,874) | 75,062<br>1,271,579<br>719,927<br>134,903<br>1,358,451<br>219,556<br>31,614<br>94,686<br>537,562<br>112,902<br>25,493<br>192,803 |

<sup>&</sup>lt;sup>1</sup> Wind Farms, Copel Renováveis and Copel Participações



|  |                          |              |         |          |         |                  |                     |            |                         | R\$'000     |
|--|--------------------------|--------------|---------|----------|---------|------------------|---------------------|------------|-------------------------|-------------|
| Assets - Dec-14  | Geração e<br>Transmissão | Distribuição | Telecom | Compagas | Elejor  | UEG<br>Araucária | Outras <sup>1</sup> | Holding    | Elimin. e<br>Reclassif. | Consolidado |
| CURRENT  | 1,026,296                | 2,638,378    | 64,482  | 323,872  | 51,471  | 815,529          | 278,806             | 607,025    | (587,683)               | 5,218,176   |
| Cash and cash equivalents                                  | 155,865                  | 160,417      | 5,820   | 99,424   | 28,732  | 2,962            | 252,049             | 34,862     | -                       | 740,131     |
| Bonds and securities                                       | 117,593                  | 3            | -       | -        | -       | 341,367          | -                   | 152        | -                       | 459,115     |
| Collaterals and escrow accounts                            | 2,200                    | 38           | -       | 1,695    | -       | -                | 9,564               | -          | -                       | 13,497      |
| Customers  | 262,164                  | 1,387,792    | 33,295  | 182,491  | 20,885  | 470,268          | 7,989               | -          | (186,068)               | 2,178,816   |
| Dividends receivable                                       | 34,850                   | -            | -       | -        | -       | -                | 5,873               | 383,866    | (398,257)               | 26,332      |
| CRC transferred to the State Government of Paraná          | -                        | -            | -       | -        | -       | -                | -                   | 94,579     | -                       | 94,579      |
| Sectorial financial assets                                 | -                        | 609,298      | -       | -        | -       | -                | -                   | -          | -                       | 609,298     |
| Account receivable related to concession                   | 7,430                    | -            | -       | -        | -       | -                | -                   | -          | -                       | 7,430       |
| Accounts receivable related to the concession compensation | 301,046                  | -            | -       | -        | -       | -                | -                   | -          | -                       | 301,046     |
| Other current receivables                                  | 94,545                   | 302,782      | 3,494   | 359      | 1,740   | 932              | 193                 | 12,695     | (922)                   | 415,818     |
| Inventories  | 29,389                   | 101,399      | 17,684  | 2,150    | -       | -                | -                   | -          | -                       | 150,622     |
| Income tax and social contribution                         | 239                      | 18,814       | 667     | 3,950    | -       | -                | 2,492               | 78,912     | -                       | 105,074     |
| Other current recoverable taxes                            | 17,629                   | 41,642       | 3,464   | 33,541   | -       | -                | 9                   | -          | -                       | 96,285      |
| Prepaid expenses   | 3,346                    | 16,193       | 58      | 262      | 114     | -                | 126                 | 34         | -                       | 20,133      |
| Receivables from subsidiaries                              | -                        | -            | -       | -        | -       | -                | 511                 | 1,925      | (2,436)                 | -           |
| NON-CURRENT  | 8,740,125                | 6,385,321    | 525,065 | 310,349  | 668,150 | 421,309          | 1,337,236           | 15,027,703 | (13,015,292)            | 20,399,966  |
| Long Term Assets   | 1,083,981                | 5,169,397    | 65,448  | 40,343   | 28,705  | 229              | 13,966              | 1,944,523  | (85,120)                | 8,261,472   |
| Bonds and securities                                       | 130,137                  | 2,073        | -       | -        | -       | -                | -                   | -          | -                       | 132,210     |
| Collaterals and escrow accounts                            | -                        | 56,956       | -       | -        | -       | -                | -                   | -          | -                       | 56,956      |
| Customers  | 3,795                    | 41,859       | 30,042  | -        | -       | -                | -                   | -          | -                       | 75,696      |
| CRC transferred to the State Government of Paraná          | -                        | -            | -       | -        | -       | -                | -                   | 1,249,529  | -                       | 1,249,529   |
| Judicial deposits  | 52,859                   | 398,877      | 5,499   | 4,779    | 31      | 229              | 43                  | 273,936    | -                       | 736,253     |
| Sectorial financial assets                                 | -                        | 431,846      | -       | -        | -       | -                | -                   | -          | -                       | 431,846     |
| Account receivable related to concession                   | 623,590                  | 3,792,476    | -       | 1,920    | -       | -                | -                   | -          | -                       | 4,417,986   |
| Accounts receivable related to the concession extension    | 160,218                  | -            | -       | -        | -       | -                | -                   | -          | -                       | 160,218     |
| Other receivables  | 62,427                   | 18,899       | -       | 3,695    | -       | -                | -                   | 303        | -                       | 85,324      |
| Income tax and social contribution                         | 545                      | 13,875       | -       | -        | -       | -                | -                   | 114,195    | -                       | 128,615     |
| Other recoverable taxes                                    | -                        | 360,050      | 23,885  | 15,211   | 28,674  | -                | -                   | 98,226     | -                       | 526,046     |
| Deferred income tax and social contribution                | 50,410                   | 52,486       | 6,022   | 14,563   | -       | -                | -                   | -          | -                       | 123,481     |
| Advances to suppliers                                      | -                        | -            | -       | 175      | -       | -                | -                   | -          | -                       | 175         |
| Receivables from subsidiaries                              | -                        | -            | -       | -        | -       | -                | 13,923              | 208,334    | (85,120)                | 137,137     |
| Investments  | 1,569,251                | 1,374        | -       | -        | -       | -                | 363,624             | 13,079,795 | (13,353,894)            | 1,660,150   |
| Property, Plant and Equipment, net                         | 6,030,574                | -            | 443,690 | -        | 449,936 | 420,948          | 958,717             | 323        | -                       | 8,304,188   |
| Intangible Assets  | 56,319                   | 1,214,550    | 15,927  | 270,006  | 189,509 | 132              | 929                 | 3,062      | 423,722                 | 2,174,156   |
| TOTAL  | 9,766,421                | 9,023,699    | 589,547 | 634,221  | 719,621 | 1,236,838        | 1,616,042           | 15,634,728 | (13,602,975)            | 25,618,142  |

<sup>&</sup>lt;sup>1</sup> Wind Farms, Copel Renováveis and Copel Participações



|  |                          |              |         |          |         |               |                    |            |              | R\$'000      |
|--|--------------------------|--------------|---------|----------|---------|---------------|--------------------|------------|--------------|--------------|
| Liabilities -Dec-15                                      | Geração e<br>Transmissão | Distribuição | Telecom | Compagas | Elejor  | UEG Araucária | Other <sup>1</sup> | Holding    | Eliminations | Consolidated |
| CURRENT  | 1,350,330                | 2,653,747    | 45,203  | 137,886  | 165,641 | 173,421       | 438,142            | 442,214    | (617,466)    | 4,789,118    |
| Social charges and accruals                              | 54,234                   | 158,281      | 20,105  | 7,063    | 240     | 195           | 2,846              | 15,437     | -            | 258,401      |
| Associated companies and parent company                  | -                        | -            | -       | -        | -       | -             | 14,839             | -          | (14,839)     | -            |
| Suppliers  | 395,038                  | 988,683      | 11,062  | 98,100   | 4,551   | 9,712         | 151,553            | 2,601      | (48,174)     | 1,613,126    |
| Income Tax and Social Contribution payable               | 177,269                  | 65,632       | -       | -        | 19,798  | 47,138        | 2,079              | -          | -            | 311,916      |
| Other taxes  | 108,289                  | 182,658      | 3,833   | 7,858    | 1,793   | 751           | 3,150              | 32,616     | -            | 340,948      |
| Loans and financing                                      | 111,910                  | 101,141      | 5,914   | -        | -       | -             | 28,692             | 61,788     | (887)        | 308,558      |
| Debentures   | 95,580                   | 523,967      | 1,778   | 18,878   | 40,490  | -             | 223,815            | 19,497     | -            | 924,005      |
| Dividends payable  | 292,813                  | 133,950      | -       | 5,479    | 34,093  | 115,359       | 7,857              | 310,022    | (553,566)    | 346,007      |
| Post employment benefits                                 | 11,041                   | 30,722       | 1,521   | -        | -       | -             | 18                 | 21         | -            | 43,323       |
| Customer charges due                                     | 16,036                   | 261,422      | -       | -        | -       | -             | -                  | -          | -            | 277,458      |
| Research and development and energy efficiency           | 49,321                   | 113,524      | -       | -        | 4,900   | 136           | -                  | -          | -            | 167,881      |
| Payables related to concession - Use of Public Property  | 3,839                    | -            | -       | -        | 57,947  | -             | -                  | -          | -            | 61,786       |
| Other accounts payable                                   | 34,960                   | 93,767       | 990     | 508      | 1,829   | 130           | 3,293              | 232        | -            | 135,709      |
| NON-CURRENT  | 3,780,935                | 2,457,846    | 227,140 | 47,696   | 503,612 | 16,847        | 480,024            | 2,265,783  | (205,822)    | 9,574,061    |
| Associated companies and parent company                  | -                        | -            | 11,900  | -        | -       | -             | 90,368             | -          | (102,268)    | -            |
| Suppliers  | 5,923                    | -            | -       | -        | -       | -             | -                  | -          | -            | 5,923        |
| Deferred income tax and social contribution              | -                        | -            | -       | -        | -       | -             | 214                | -          | -            | 214          |
| Tax liabilities  | 170,690                  | 79,343       | 4,765   | -        | -       | 841           | 168                | 1,466      | -            | 257,273      |
| Loans and financing                                      | 1,732,304                | 770,722      | 21,624  | -        | -       | -             | 377,987            | 969,412    | (103,547)    | 3,768,502    |
| Debentures   | 995,175                  | 499,411      | 160,380 | 37,341   | 71,026  | -             | -                  | 996,590    | -            | 2,759,923    |
| Post-employment benefits                                 | 152,831                  | 365,049      | 19,849  | 4,221    | -       | -             | 1,592              | 7,795      | -            | 551,337      |
| Research and development and energy efficiency           | 50,665                   | 164,441      | -       | -        | -       | 16,006        | -                  | -          | -            | 231,112      |
| Payables related to the concession - Use of Pub.Property | 41,293                   | -            | -       | -        | 432,586 | -             | -                  | -          | -            | 473,879      |
| Other payables   | 15,865                   | -            | -       | 5,409    | -       | -             | 9,695              | -          | (7)          | 30,962       |
| Tax, social security, labor and civil provisions         | 616,189                  | 578,880      | 8,622   | 725      | -       | -             | -                  | 290,520    | -            | 1,494,936    |
| EQUITY   | 6,905,419                | 5,603,673    | 496,974 | 295,721  | 74,001  | 858,239       | 1,015,881          | 14,245,727 | (14,911,157) | 14,584,478   |
| Attributable to controlling shareholders                 | 6,905,419                | 5,603,673    | 496,974 | 295,721  | 74,001  | 858,239       | 1,015,881          | 14,245,727 | (15,249,907) | 14,245,728   |
| Capital  | 4,334,865                | 3,342,841    | 304,198 | 220,966  | 35,503  | 707,439       | 644,032            | 6,910,000  | (9,589,844)  | 6,910,000    |
| Advance for Future Capital Increase                      | 95,033                   | 834,000      | -       | -        | -       | -             | 408,734            | -          | (1,337,767)  | -            |
| Equity valuation adjustments                             | 1,072,427                | 75,990       | 8,308   | (538)    | 256     | -             | 7,939              | 1,177,372  | (1,164,382)  | 1,177,372    |
| Legal Reserves   | 382,668                  | 167,490      | 14,754  | 22,391   | 7,101   | 35,441        | 1,847              | 744,783    | (631,691)    | 744,784      |
| Retained earnigs   | 867,876                  | 1,052,826    | 145,513 | 52,902   | 31,141  | -             | 26,477             | 5,413,572  | (2,176,735)  | 5,413,572    |
| Additional proposed dividends                            | 152,550                  | 130,526      | 24,201  | -        | -       | 115,359       | 96                 | -          | (422,732)    | -            |
| Accrued earnings (losses)                                | -                        | -            | -       | -        | -       | -             | (73,244)           | -          | 73,244       | -            |
| Attributable to noncontrolling interests                 | -                        | -            | -       | -        | -       | -             | -                  | -          | 338,750      | 338,750      |
| TOTAL  | 12,036,684               | 10,715,266   | 769,317 | 481,303  | 743,254 | 1,048,507     | 1,934,047          | 16,953,724 | (15,734,445) | 28,947,657   |

<sup>&</sup>lt;sup>1</sup> Wind Farms, Copel Renováveis and Copel Participações



|   |                          |              |          |          |         |               |                    |            |              | R\$'000      |
|---|--------------------------|--------------|----------|----------|---------|---------------|--------------------|------------|--------------|--------------|
| Liabilities -Dec-14   | Geração e<br>Transmissão | Distribuição | Telecom  | Compagas | Elejor  | UEG Araucária | Other <sup>1</sup> | Holding    | Eliminations | Consolidated |
| CURRENT   | 991,913                  | 1,908,606    | 85,705   | 286,277  | 124,950 | 275,907       | 587,559            | 394,003    | (599,527)    | 4,055,393    |
| Social charges and accruals                                 | 50,688                   | 160,423      | 20,189   | 6,044    | 223     | 157           | 2,101              | 12,793     | -            | 252,618      |
| Associated companies and parent company                     | -                        | -            | -        | -        | -       | -             | 13,684             | -          | (13,684)     | -            |
| Suppliers   | 312,340                  | 843,512      | 19,733   | 252,541  | 21,429  | 147,332       | 175,221            | 2,087      | (186,990)    | 1,587,205    |
| Income Tax and Social Contribution payable                  | 221,609                  | -            | -        | -        | 117     | 85,254        | 459                | 2,442      | -            | 309,881      |
| Other taxes   | 31,688                   | 77,572       | 6,682    | 3,915    | 1,632   | 9,198         | 1,045              | 5,597      | -            | 137,329      |
| Loans and financing   | 86,750                   | 405,235      | 5,737    | -        | -       | -             | 20,747             | 349,753    | (596)        | 867,626      |
| Debentures  | -                        | 20,088       | -        | 5,134    | 40,490  | -             | 350,332            | 15,447     | -            | 431,491      |
| Dividends payable   | 202,617                  | 124,791      | 31,300   | 15,545   | 4,556   | 31,335        | 3,980              | 3,824      | (398,257)    | 19,691       |
| Post employment benefits                                    | 9,538                    | 26,548       | 1,313    | -        | -       | -             | 5                  | -          | -            | 37,404       |
| Customer charges due  | 6,791                    | 16,442       | -        | -        | -       | -             | -                  | -          | -            | 23,233       |
| Research and development and energy efficiency              | 40,210                   | 129,293      | -        | -        | 3,992   | 2,477         | -                  | -          | -            | 175,972      |
| Payables related to concession - Use of Public Property     | 3,508                    | -            | -        | -        | 51,447  | -             | -                  | -          | -            | 54,955       |
| Other payables  | 26,174                   | 104,702      | 751      | 3,098    | 1,064   | 154           | 19,985             | 2,060      | -            | 157,988      |
| NON-CURRENT   | 2,289,930                | 2,785,518    | 86,685   | 69,918   | 509,855 | 8,857         | 429,346            | 1,910,036  | (210,176)    | 7,879,969    |
| Associated companies and parent company                     | -                        | -            | -        | -        | -       | -             | 139,575            | -          | (139,575)    | -            |
| Suppliers   | 14,249                   | 3,376        | -        | -        | -       | -             | -                  | -          | -            | 17,625       |
| Taxliabilities  | 12,331                   | -            | -        | -        | -       | -             | 2,887              | -          | -            | 15,218       |
| Deferred income tax and social contribution                 | 18,635                   | 63,952       | 3,673    | -        | -       | -             | 49                 | 820        | -            | 87,129       |
| Loans and financing   | 1,233,946                | 517,804      | 27,431   | -        | -       | -             | 284,081            | 608,663    | (70,601)     | 2,601,324    |
| Debentures  | -                        | 998,949      | -        | 48,420   | 111,550 | -             | -                  | 995,038    | -            | 2,153,957    |
| Post-employment benefits                                    | 218,812                  | 576,575      | 50,277   | 4,844    | -       | -             | 2,510              | 8,196      | -            | 861,214      |
| Research and development and energy efficiency              | 49,152                   | 101,783      | -        | -        | -       | 8,857         | -                  | -          | -            | 159,792      |
| Payables related to the concession - Use of Public Property | 38,868                   | -            | -        | -        | 397,904 | -             | -                  | -          | -            | 436,772      |
| Other payables  | 62                       | -            | -        | -        | -       | -             | 244                | -          | -            | 306          |
| Tax, social security, labor and civil provisions            | 703,875                  | 523,079      | 5,304    | 16,654   | 401     | -             | -                  | 297,319    | -            | 1,546,632    |
| EQUITY  | 6,484,578                | 4,329,575    | 417,157  | 278,026  | 84,816  | 952,074       | 599,138            | 13,330,689 | (12,793,273) | 13,682,780   |
| Attributable to controlling shareholders                    | 6,484,578                | 4,329,575    | 417,157  | 278,026  | 84,816  | 952,074       | 599,138            | 13,330,689 | (13,145,364) | 13,330,689   |
| Capital   | 3,505,994                | 2,624,841    | 240,398  | 135,943  | 35,503  | 707,440       | 599,431            | 6,910,000  | (7,849,550)  | 6,910,000    |
| Advance for Future Capital Increase                         | -                        | 603,000      | 36,100   | -        | -       | -             | 8,000              | -          | (647,100)    | -            |
| Capital Reserves  | -                        | -            | -        | -        | -       | -             | -                  | -          | -            | -            |
| Equity valuation adjustments                                | 1,104,327                | (108,279)    | (16,876) | (1,548)  | 256     | -             | (2,016)            | 976,964    | (975,864)    | 976,964      |
| Legal Reserves  | 331,298                  | 157,187      | 12,022   | 21,238   | 5,500   | 23,299        | 1,331              | 685,147    | (551,875)    | 685,147      |
| Retained earnigs  | 1,324,415                | 1,052,826    | 145,513  | 122,393  | 43,557  | 177,670       | 18,270             | 4,516,825  | (2,884,644)  | 4,516,825    |
| Additional proposed dividends                               | 218,544                  | -            | -        | -        | -       | 43,665        | -                  | 241,753    | (262,209)    | 241,753      |
| Accrued earnings (losses)                                   | -                        | -            | -        | -        | -       | -             | (25,878)           | -          | 25,878       | -            |
| Attributable to noncontrolling interests                    | -                        | -            | -        | -        | -       | -             | -                  | -          | 352,091      | 352,091      |
| TOTAL   | 9,766,421                | 9,023,699    | 589,547  | 634,221  | 719,621 | 1,236,838     | 1,616,043          | 15,634,728 | (13,602,976) | 25,618,142   |

<sup>&</sup>lt;sup>1</sup> Wind Farms, Copel Renováveis and Copel Participações



## **Income Statement by Company**

|   | C~          | T                         |              |           |             |           |                  |                    |           |                         | R\$'00      |
|---|-------------|---------------------------|--------------|-----------|-------------|-----------|------------------|--------------------|-----------|-------------------------|-------------|
| Income Statement 2015   |             | Transmissão  Transmission | Distribuição | Telecom   | Compagas    | Elejor    | UEG<br>Araucária | Other <sup>1</sup> | Holding   | Elimin. e<br>Reclassif. | Consolidate |
| NET OPERATING INCOME  | 2.389.361   | 501.387                   | 9.580.830    | 272.247   | 1.390.786   | 237.719   | 1,434,181        | 202,936            |           | (1,281,316)             | 14.728.131  |
| Electricity sales to final customers                            | 565,378     | -                         | 5,185,981    |           | -           | -         |                  | -                  | _         | (4,439)                 | 5,746,920   |
| Electricity sales to distributors                               | 1,795,910   | _                         | 321,346      | _         | -           | 237,719   | 1,434,177        | 202,938            | _         | (284,649)               | 3,707,44    |
| Use of the main distribution and transmission grid (TUSD/ TUST) |             | 252,315                   | 2,220,448    | _         | -           | -         | 2,131,277        | -                  | _         | (84,258)                | 2,388,50    |
| Construction revenue  | _           | 232,567                   | 896,924      | _         | 66,833      | _         | -                | _                  |           | -                       | 1,196,32    |
| Telecommunications  | _           | -                         | -            | 238,309   | -           | -         | -                | -                  |           | (28,382)                | 209,92      |
| Distribution of piped gas                                       | _           | -                         | -            | -         | 1,323,953   | -         | -                | -                  |           | (797,554)               | 526,39      |
| Sectoral assets and liabilities result                          | _           | -                         | 858,170      | _         | -           | -         | -                | -                  |           | -                       | 858,17      |
| Other operating revenues  | 28,073      | 16,505                    | 97,961       | 33.938    | -           | -         | 4                | (2)                | -         | (82,034)                | 94,44       |
| OPERATING COSTS AND EXPENSES                                    | (1,209,612) | (394,015)                 | (9,516,397)  | (203,878) | (1,360,357) | (61,638)  | (1,120,472)      | (199,692)          | (127,303) | 1,281,426               | (12,911,93  |
| Energy purchased for resale                                     | (195,003)   | -                         | (6,007,222)  | -         | -           | -         | -                | (114,679)          |           | 283,988                 | (6,032,91   |
| Charges of the main distribution and transmission grid          | (253,225)   | -                         | (706,680)    | -         | -           | (9,863)   | (20,192)         | (11,380)           | -         | 81,552                  | (919,78     |
| Personnel and management  | (169,389)   | (79,873)                  | (699,891)    | (87,393)  | (30,715)    | (2,956)   | (2,427)          | (19,541)           | (76,665)  | -                       | (1,168,85   |
| Private pension and health plans                                | (38,754)    | (18,477)                  | (165,635)    | (17,516)  | (3,264)     | -         | (280)            | (1,920)            | (8,481)   | -                       | (254,32     |
| Materials   | (11,772)    | (3,399)                   | (55,531)     | (2,745)   | (1,937)     | (286)     | (301)            | (189)              | (542)     | -                       | (76,70      |
| Raw material and supplies - energy production                   | (26,522)    | -                         | -            | -         | -           | -         | (970,157)        | -                  | -         | 797,356                 | (199,32     |
| Natural gas and supplies for gas business                       | -           | - 1                       | -            | -         | (1,176,090) | -         | -                | -                  | -         | -                       | (1,176,09   |
| Third-party services  | (83,527)    | (20,476)                  | (353,773)    | (35,900)  | (20,282)    | (11,027)  | (83,075)         | (8,237)            | (13,834)  | 110,628                 | (519,50     |
| Depreciation and amortization                                   | (276,519)   | (3,399)                   | (243,645)    | (31,510)  | (21,532)    | (26,839)  | (30,223)         | (36,196)           | (6,609)   | -                       | (676,47     |
| Provisions and reversals  | 32,654      | 35,061                    | (268,736)    | (4,729)   | (8,293)     | 401       | -                | (8)                | 2,814     | 7                       | (210,82     |
| Construction cost   | -           | (287,247)                 | (896,924)    | -         | (66,833)    | -         | -                | -                  | -         | -                       | (1,251,00   |
| Other operating costs and expenses                              | (187,555)   | (16,205)                  | (118,360)    | (24,085)  | (31,411)    | (11,068)  | (13,817)         | (7,542)            | (23,986)  | 7,895                   | (426,13     |
| EQUITY IN EARNINGS OF SUBSIDIARIES                              | 164,773     | 22,853                    | -            | -         | -           | -         | -                | 9,674              | 1,385,624 | (1,490,379)             | 92,54       |
| OPERATIONAL EXPENSES / INCOME                                   | 1,344,522   | 130,225                   | 64,433       | 68,369    | 30,429      | 176,081   | 313,709          | 12,918             | 1,258,321 | (1,490,269)             | 1,908,73    |
| FINANCIAL RESULTS   | (201,993)   | 23,615                    | 231,212      | (520)     | 1,758       | (108,490) | 49,845           | (37,534)           | (68,754)  | (97)                    | (110,958    |
| Income tax and social contribution on profit                    | 42,670      | 33,198                    | 571,651      | 5,939     | 15,656      | 2,928     | 54,107           | 18,066             | 245,347   | (2,222)                 | 987,34      |
| Deferred income tax and social contribution on profit           | (244,663)   | (9,583)                   | (340,439)    | (6,459)   | (13,898)    | (111,418) | (4,262)          | (55,600)           | (314,101) | 2,125                   | (1,098,29   |
| EARNINGS BEFORE INCOME TAXES                                    | 1,142,529   | 153,840                   | 295,645      | 67,849    | 32,187      | 67,591    | 363,554          | (24,616)           | 1,189,567 | (1,490,366)             | 1,797,78    |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT                    | (237,989)   | (30,966)                  | (89,591)     | (13,205)  | (9,119)     | (24,469)  | (120,692)        | (9,369)            | 3,171     | -                       | (532,22     |
| NET INCOME  | 904,540     | 122,874                   | 206,054      | 54,644    | 23,068      | 43,122    | 242,862          | (33,985)           | 1,192,738 | (1,490,366)             | 1,265,55    |
| Attributed to controlling shareholders                          | 904,540     | 122,874                   | 206,054      | 54,644    | 11,765      | 30,185    | 194,289          | (33,985)           | 1,192,738 | -                       | 1,192,73    |
| Attributed to non-controlling interest                          | -           | -                         | -            | -         | 11,303      | 12,937    | 48,573           | -                  | -         | -                       | 72,81       |
| EBITDA  | 1,621,041   | 133,624                   | 308,078      | 99,879    | 51,961      | 202,920   | 343,932          | 49,114             | 1,264,930 | (1,490,269)             | 2,585,210   |

<sup>&</sup>lt;sup>1</sup> Wind Farms, Copel Renováveis and Copel Participações



|   |                      |                           |              |           |             |           |                  |                    |           |                         | R\$'000      |
|---|----------------------|---------------------------|--------------|-----------|-------------|-----------|------------------|--------------------|-----------|-------------------------|--------------|
| Income Statement 2014   | Geração e Generation | Transmissão  Transmission | Distribuição | Telecom   | Compagas    | Elejor    | UEG<br>Araucária | Other <sup>1</sup> | Holding   | Elimin. e<br>Reclassif. | Consolidated |
| NET OPERATING INCOME  | 2,535,329            | 413.348                   | 8,347,036    | 213,163   | 1,748,045   | 241,205   | 2,134,822        | 19,301             | _         | (1,733,732)             | 13,918,517   |
| Electricity sales to final customers                            | 513,239              | -                         | 3,860,461    | -         | -           | -         | -                | -                  | -         | (2,547)                 | 4,371,153    |
| Electricity sales to distributors                               | 1,986,217            | -                         | 297,652      | -         | -           | 241,204   | 2,129,536        | 19,298             | -         | (303,115)               | 4,370,792    |
| Use of the main distribution and transmission grid (TUSD/ TUST) | -                    | 197,563                   | 2,113,863    | -         | -           | -         | -                | -                  | -         | (73,956)                | 2,237,470    |
| Construction revenue  | -                    | 206,150                   | 991,356      | -         | 81,504      | -         | -                | -                  | -         |                         | 1,279,010    |
| Telecommunications  | -                    | -                         | -            | 195,224   | -           | -         | -                | -                  | -         | (29,763)                | 165,461      |
| Distribution of piped gas                                       | -                    | -                         | -            | -         | 1,664,586   | -         | -                | -                  | -         | (1,273,301)             | 391,285      |
| Sectoral assets and liabilities result                          | -                    | -                         |              |           |             |           |                  |                    |           |                         | ,            |
| Other operating revenues  | 35,873               | 9,635                     | 49,838       | 17,939    | 1,955       | 1         | 5,286            | 3                  | -         | (51,050)                | 69,480       |
| OPERATING COSTS AND EXPENSES                                    | (2,336,521)          | (392,187)                 | (7,740,651)  | (137,404) | (1,664,860) | (134,835) | (1,514,198)      | (24,424)           | (140,208) | 1,733,855               | (12,351,433) |
| Energy purchased for resale                                     | (417,334)            | -                         | (4,886,909)  | -         | -           | (79,553)  | -                | -                  | -         | 303,202                 | (5,080,594)  |
| Charges of the main distribution and transmission grid          | (223,274)            | -                         | (209,066)    | -         | -           | (7,390)   | (16,409)         | (53)               | -         | 71,346                  | (384,846)    |
| Personnel and management  | (150,392)            | (77,138)                  | (633,236)    | (62,069)  | (25,892)    | (2,648)   | (1,763)          | (11,320)           | (88,353)  | -                       | (1,052,811)  |
| Private pension and health plans                                | (38,168)             | (14,136)                  | (126,961)    | (8,507)   | (2,093)     | -         | (123)            | (975)              | (10,579)  | -                       | (201,542)    |
| Materials   | (12,457)             | (3,864)                   | (53,918)     | (1,551)   | (1,410)     | (161)     | (160)            | (444)              | (470)     | -                       | (74,435)     |
| Raw material and supplies - energy production                   | (23,090)             | -                         | -            | -         | -           | -         | (1,401,057)      | -                  | -         | 1,273,299               | (150,848)    |
| Natural gas and supplies for gas business                       | -                    | -                         | -            | -         | (1,469,842) | -         | -                | -                  | -         | -                       | (1,469,842)  |
| Third-party services  | (89,720)             | (20,370)                  | (289,717)    | (21,530)  | (19,374)    | (8,243)   | (50,098)         | (3,116)            | (6,591)   | 84,295                  | (424,464)    |
| Depreciation and amortization                                   | (288,137)            | (7,990)                   | (221,401)    | (28,277)  | (16,921)    | (26,828)  | (34,467)         | (5,167)            | (755)     | -                       | (629,943)    |
| Provisions and reversals  | (941,248)            | (37,642)                  | (185,207)    | (3,036)   | (15,864)    | (101)     | -                | -                  | (20,584)  | -                       | (1,203,682)  |
| Construction cost   | -                    | (213,042)                 | (991,356)    | -         | (81,504)    | -         | -                | -                  | -         | -                       | (1,285,902)  |
| Other operating costs and expenses                              | (152,701)            | (18,005)                  | (142,880)    | (12,434)  | (31,960)    | (9,911)   | (10,121)         | (3,349)            | (12,876)  | 1,713                   | (392,524)    |
| EQUITY IN EARNINGS OF SUBSIDIARIES                              | 282,993              | 67,419                    | -            | -         | -           | -         | -                | 5,613              | 1,410,276 | (1,606,346)             | 159,955      |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES                       | 481,801              | 88,580                    | 606,385      | 75,759    | 83,185      | 106,370   | 620,624          | 490                | 1,270,068 | (1,606,223)             | 1,727,039    |
| FINANCIAL RESULTS   | 48,768               | 81,231                    | 64,568       | 2,922     | 1,832       | (77,506)  | 28,648           | 11,808             | (31,554)  | (125)                   | 130,592      |
| Income tax and social contribution on profit                    | 83,388               | 81,880                    | 261,150      | 4,508     | 7,008       | 3,608     | 34,062           | 17,873             | 202,208   | (1,790)                 | 693,895      |
| Deferred income tax and social contribution on profit           | (34,620)             | (649)                     | (196,582)    | (1,586)   | (5,176)     | (81,114)  | (5,414)          | (6,065)            | (233,762) | 1,665                   | (563,303)    |
| EARNINGS BEFORE INCOME TAXES                                    | 530,569              | 169,811                   | 670,953      | 78,681    | 85,017      | 28,864    | 649,272          | 12,298             | 1,238,514 | (1,606,348)             | 1,857,631    |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT                    | 7,883                | (25,877)                  | (233,089)    | (20,097)  | (24,651)    | (9,679)   | (177,617)        | (6,325)            | (32,564)  | -                       | (522,016)    |
| NET INCOME  | 538,452              | 143,934                   | 437,864      | 58,584    | 60,366      | 19,185    | 471,655          | 5,973              | 1,205,950 | (1,606,348)             | 1,335,615    |
| Attributed to controlling shareholders                          | 538,452              | 143,934                   | 437,864      | 58,584    | 30,787      | 13,429    | 377,325          | 5,973              | 1,205,950 | -                       | 1,205,950    |
| Attributed to non-controlling interest                          | -                    | -                         | -            | -         | 29,579      | 5,756     | 94,330           | -                  | -         | -                       | 129,665      |
| EBITDA  | 769,938              | 96,570                    | 827,786      | 104,036   | 100,106     | 133,198   | 655,091          | 5,657              | 1,270,823 | (1,606,223)             | 2,356,982    |

<sup>&</sup>lt;sup>1</sup> Wind Farms, Copel Renováveis and Copel Participações



|  | Geração e   |              |          |           |          |               |          |           |              | R\$'000      |
|--|-------------|--------------|----------|-----------|----------|---------------|----------|-----------|--------------|--------------|
| Income Statement 4Q15  | Transmissão | Distribuição | Telecom  | Compagas  | Elejor   | UEG Araucária | Other¹   | Holding   | Eliminations | Consolidated |
| NET OPERATING INCOME   | 726,294     | 2,363,512    | 68,106   | 162,575   | 62,376   | 27,355        | 82,435   | -         | (155,650)    | 3,337,003    |
| Electricity sales to final customers                           | 141,045     | 1,448,367    | -        | -         | -        | -             | -        | -         | (1,236)      | 1,588,176    |
| Electricity sales to distributors                              | 405,061     | 116,721      | -        | -         | 62,376   | 27,355        | 82,437   | -         | (72,325)     | 621,625      |
| Use of the main distribution and transmission grid (TUSD/TUST) | 72,710      | 621,635      | -        | -         | -        | -             | -        | -         | (23,191)     | 671,154      |
| Construction revenue   | 95,785      | 270,166      | -        | 6,695     | -        | -             | -        | -         | -            | 372,646      |
| Telecommunications   | -           | -            | 63,520   | -         | -        | -             | -        | -         | (7,276)      | 56,244       |
| Distribution of piped gas                                      | -           | -            | -        | 155,880   | -        | -             | -        | -         | (31,001)     | 124,879      |
| Sectorial assets and liabilities result                        | -           | (121,173)    | -        | -         | -        | -             | -        | -         | -            | (121,173)    |
| Other operating revenues                                       | 11,693      | 27,796       | 4,586    | -         | -        | -             | (2)      | -         | (20,621)     | 23,452       |
| OPERATING COSTS AND EXPENSES                                   | (35,356)    | (2,275,161)  | (64,145) | (160,182) | 28,836   | (91,245)      | (30,198) | (18,008)  | 151,628      | (2,493,831)  |
| Energy purchased for resale                                    | 97,267      | (1,229,627)  | -        | -         | 44,801   | -             | (2,390)  | -         | 72,292       | (1,017,657)  |
| Charges of the main distribution and transmission grid         | (66,994)    | (241,733)    | -        | -         | (2,381)  | (5,415)       | (3,473)  | -         | 23,675       | (296,321)    |
| Personnel and management                                       | (87,039)    | (260,760)    | (31,007) | (7,627)   | (737)    | (623)         | (6,081)  | (27,316)  | -            | (421,190)    |
| Private pension and health plans                               | (14,540)    | (42,129)     | (4,548)  | (1,580)   | -        | (84)          | (455)    | (2,382)   | -            | (65,718)     |
| Materials  | (3,648)     | (13,146)     | (1,136)  | (609)     | (64)     | (128)         | (46)     | (126)     | -            | (18,903)     |
| Raw material and supplies - energy production                  | (5,433)     | -            | -        | -         | -        | (35,679)      | -        | -         | 29,809       | (11,303)     |
| Natural gas and supplies for gas business                      | -           | -            | -        | (122,013) | -        | -             | -        | -         | -            | (122,013)    |
| Third-party services   | (28,467)    | (91,311)     | (11,453) | (7,532)   | (2,734)  | (39,380)      | (3,529)  | (4,799)   | 27,666       | (161,539)    |
| Depreciation and amortization                                  | (70,645)    | (60,677)     | (8,422)  | (6,019)   | (6,711)  | (5,391)       | (13,007) | (2,245)   | -            | (173,117)    |
| Provisions and reversals                                       | 318,923     | (58,398)     | (886)    | 7,534     | -        | -             | (8)      | 23,097    | (3,952)      | 286,310      |
| Construction cost  | (109,803)   | (270,166)    | -        | (6,695)   | -        | -             | -        | -         | -            | (386,664)    |
| Other operating costs and expenses                             | (64,977)    | (7,214)      | (6,693)  | (15,641)  | (3,338)  | (4,545)       | (1,209)  | (4,237)   | 2,138        | (105,716)    |
| EQUITY IN EARNINGS OF SUBSIDIARIES                             | (80,730)    | -            | -        | -         | -        | -             | 22,640   | 493,145   | (493,411)    | (58,356)     |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES                      | 610,208     | 88,351       | 3,961    | 2,393     | 91,212   | (63,890)      | 74,877   | 475,137   | (497,433)    | 784,816      |
| FINANCIAL RESULTS  | (240,061)   | 51,712       | (1,515)  | 732       | (33,522) | 8,108         | (13,181) | (37,559)  | 75           | (265,211)    |
| Financial income   | (64,567)    | 201,406      | 3,695    | 8,266     | 1,100    | 8,547         | 7,886    | 73,519    | (1,238)      | 238,614      |
| Financial expenses   | (175,494)   | (149,694)    | (5,210)  | (7,534)   | (34,622) | (439)         | (21,067) | (111,078) | 1,313        | (503,825)    |
| OPERATIONAL EXPENSES / INCOME                                  | 370,147     | 140,063      | 2,446    | 3,125     | 57,690   | (55,782)      | 61,696   | 437,578   | (497,358)    | 519,605      |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT                   | (47,196)    | (32,208)     | 8,770    | 1,504     | (20,614) | 20,278        | (6,271)  | (41,756)  | -            | (117,493)    |
| NET INCOME   | 322,951     | 107,855      | 11,216   | 4,629     | 37,076   | (35,504)      | 55,425   | 395,822   | (497,358)    | 402,112      |
| Attributed to controlling shareholders                         | (704,463)   | 107,855      | 11,216   | 2,361     | 25,953   | (28,403)      | 55,425   | 395,822   | -            | 395,822      |
| Attributed to non-controlling interest                         | -           | -            | -        | 2,268     | 11,123   | (7,101)       | -        | - 1       | -            | 6,290        |
| EBITDA   | 680,853     | 149,028      | 12,383   | 8,412     | 97,923   | (58,499)      | 87,884   | 477,382   | (497,433)    | 957,933      |

<sup>&</sup>lt;sup>1</sup> Wind Farms, Copel Renováveis and Copel Participações



|  |                          |              |          |           |          |               |                    |          |              | R\$'000      |
|--|--------------------------|--------------|----------|-----------|----------|---------------|--------------------|----------|--------------|--------------|
| Income Statement 4Q14  | Geração e<br>Transmissão | Distribuição | Telecom  | Compagas  | Elejor   | UEG Araucária | Other <sup>1</sup> | Holding  | Eliminations | Consolidated |
| NET OPERATING INCOME   | 654,245                  | 3,019,618    | 61,482   | 477,651   | 59,033   | 625,920       | 19,301             | -        | (454,863)    | 4,462,387    |
| Electricity sales to final customers                           | 133,881                  | 1,165,629    | -        | -         | -        | -             | -                  | -        | (728)        | 1,298,782    |
| Electricity sales to distributors                              | 414,527                  | 92,332       | -        | -         | 59,032   | 625,920       | 19,298             | -        | (79,252)     | 1,131,857    |
| Use of the main distribution and transmission grid (TUSD/TUST) | 53,181                   | 554,408      | -        | -         | -        | -             | -                  | -        | (18,843)     | 588,746      |
| Construction revenue   | 39,446                   | 237,644      | -        | 29,924    | -        | -             | -                  | -        | -            | 307,014      |
| Telecommunications   | -                        | -            | 48,147   | -         | -        | -             | -                  | -        | (4,869)      | 43,278       |
| Distribution of piped gas                                      | -                        | -            | -        | 447,727   | -        | -             | -                  | -        | (328,829)    | 118,898      |
| Sectoral assets and liabilities result                         |                          |              |          |           |          |               |                    |          |              |              |
| Other operating revenues                                       | 13,210                   | (64,261)     | 13,335   | -         | 1        | -             | 3                  | -        | (22,342)     | (60,054)     |
| OPERATING COSTS AND EXPENSES                                   | (1,451,450)              | (2,090,504)  | (48,007) | (466,086) | (53,983) | (415,944)     | (16,754)           | (46,095) | 454,872      | (4,133,951)  |
| Energy purchased for resale                                    | (192,048)                | (1,441,626)  | -        | -         | (40,772) | -             | -                  | -        | 79,342       | (1,595,104)  |
| Charges of the main distribution and transmission grid         | (58,734)                 | 88,646       | -        | -         | (1,447)  | (4,495)       | (53)               | -        | 17,098       | 41,015       |
| Personnel and management                                       | (80,789)                 | (237,971)    | (27,797) | (6,629)   | (652)    | (673)         | (5,373)            | (21,303) | -            | (381,187)    |
| Private pension and health plans                               | (14,825)                 | (36,569)     | (2,537)  | (618)     | -        | (59)          | (427)              | (2,134)  | -            | (57,169)     |
| Materials  | (4,000)                  | (13,173)     | (557)    | (79)      | (37)     | (61)          | (438)              | (117)    | -            | (18,462)     |
| Raw material and supplies - energy production                  | (7,199)                  | -            | -        | -         | -        | (379,626)     | -                  | -        | 328,403      | (58,422)     |
| Natural gas and supplies for gas business                      | -                        | -            | -        | (409,256) | -        | -             | -                  | -        | -            | (409,256)    |
| Third-party services   | (29,054)                 | (84,448)     | (6,164)  | (5,017)   | (1,741)  | (15,645)      | (2,882)            | (2,462)  | 28,209       | (119,204)    |
| Depreciation and amortization                                  | (78,132)                 | (56,661)     | (7,220)  | (4,758)   | (6,709)  | (8,642)       | (5,166)            | (190)    | -            | (167,478)    |
| Provisions and reversals                                       | (892,328)                | (16,267)     | (496)    | (26)      | -        | -             | 72                 | (18,724) | -            | (927,769)    |
| Construction cost  | (46,601)                 | (237,644)    | -        | (29,924)  | -        | -             | -                  | -        | -            | (314,169)    |
| Other operating costs and expenses                             | (47,740)                 | (54,791)     | (3,236)  | (9,779)   | (2,625)  | (6,743)       | (2,487)            | (1,165)  | 1,820        | (126,746)    |
| EQUITY IN EARNINGS OF SUBSIDIARIES                             | 110,549                  | -            | -        | -         | -        | -             | 5,613              | 377,776  | (454,034)    | 39,904       |
| PROFIT BEFORE FINANCIAL RESULTS AND TAXES                      | (686,656)                | 929,114      | 13,475   | 11,565    | 5,050    | 209,976       | 8,160              | 331,681  | (454,025)    | 368,340      |
| FINANCIAL RESULTS  | 21,320                   | 6,158        | 211      | 421       | (23,845) | 15,014        | 2,511              | (28,079) | (10)         | (6,299)      |
| Financial income   | 29,569                   | 78,100       | 1,230    | 2,292     | 722      | 15,322        | 8,392              | 59,233   | (17)         | 194,843      |
| Financial expenses   | (8,249)                  | (71,942)     | (1,019)  | (1,871)   | (24,567) | (308)         | (5,881)            | (87,312) | 7            | (201,142)    |
| OPERATIONAL EXPENSES / INCOME                                  | (665,336)                | 935,272      | 13,686   | 11,986    | (18,795) | 224,990       | 10,671             | 303,602  | (454,035)    | 362,041      |
| INCOME TAX AND SOCIAL CONTRIBUTION ON PROFIT                   | 360,918                  | (319,846)    | 1,902    | 963       | 6,519    | (70,267)      | (5,023)            | (66,344) | -            | (91,178)     |
| NET INCOME   | (304,418)                | 615,426      | 15,588   | 12,949    | (12,276) | 154,723       | 5,648              | 237,258  | (454,035)    | 270,863      |
| Attributed to controlling shareholders                         | (304,418)                | 615,426      | 15,588   | 6,604     | (8,594)  | 123,780       | 5,648              | 237,258  | -            | 237,258      |
| Attributed to non-controlling interest                         | -                        | -            | -        | 6,345     | (3,682)  | 30,943        | -                  | -        | -            | 33,605       |
| EBITDA   | (608,524)                | 985,775      | 20,695   | 16,323    | 11,759   | 218,618       | 13,326             | 331,871  | (454,025)    | 535,818      |

<sup>&</sup>lt;sup>1</sup> Wind Farms, Copel Renováveis and Copel Participações