



COPEL
Companhia Paranaense de Energia



Companhia Paranaense de Energia

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QUARTERLY INFORMATION

ITR

March / 2019

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FINANCIAL STATEMENTS
Statements of Financial Position
as of March 31, 2019 and December 31, 2018
All amounts expressed in thousands of Brazilian reais

ASSETS	Note	Parent Company		Consolidated	
		03.31.2019	12.31.2018	03.31.2019	12.31.2018
CURRENT ASSETS					
Cash and cash equivalents	5	262,289	315,003	2,053,970	1,948,409
Bonds and securities	6	81,194	123,560	93,909	124,862
Collaterals and escrow accounts		-	129	61,363	203
Trade accounts receivable	7	-	-	2,905,916	2,944,091
Dividends receivable		505,331	519,100	63,026	76,672
CRC transferred to the Paraná State Government	8	195,169	190,876	195,169	190,876
Sectorial financial assets	9	-	-	477,546	421,184
Accounts receivable related to the concession	10	-	-	54,596	53,177
Contract assets	11	-	-	88,295	85,019
Other current receivables	12	1,532	7,027	364,283	363,250
Inventories		-	-	113,058	116,285
Income tax and social contribution receivable		4,712	6,130	110,654	152,157
Other current recoverable taxes	13.2	321	321	180,497	160,842
Prepaid expenses	14	-	40	37,977	40,819
Receivable from related parties	15	24,604	8,134	194	-
		1,075,152	1,170,320	6,800,453	6,677,846
NONCURRENT ASSETS					
Long Term Assets					
Bonds and securities	6	-	-	218,766	219,434
Other temporary investments		21,357	19,511	21,357	19,511
Collaterals and escrow accounts	22.1	-	-	90,093	89,555
Trade accounts receivable	7	-	-	181,849	162,915
CRC transferred to the Paraná State Government	8	1,236,979	1,254,166	1,236,979	1,254,166
Judicial deposits	16	120,354	131,840	515,464	528,290
Sectorial financial assets	9	-	-	133,027	257,635
Accounts receivable related to the concession	10	-	-	2,507,562	2,497,514
Contract assets	11	-	-	3,506,956	3,348,211
Other noncurrent receivables	12	7,444	7,444	247,398	228,894
Income tax and social contribution receivable		144,102	148,140	162,486	166,384
Deferred income tax and social contribution	13.1	151,107	147,368	1,045,268	1,007,061
Other noncurrent recoverable taxes	13.2	86,494	86,110	231,537	231,400
Prepaid expenses	14	-	-	1,786	3,290
Receivable from related parties	15	106,707	104,751	-	-
		1,874,544	1,899,330	10,100,528	10,014,260
Investments	17	16,578,074	16,070,567	2,396,208	2,368,234
Property, plant and equipment	18	983	996	10,785,775	10,840,663
Intangible assets	19	1,285	1,593	6,082,556	6,029,097
Right-of-use asset	28	365	-	97,769	-
		18,455,251	17,972,486	29,462,836	29,252,254
TOTAL ASSETS		19,530,403	19,142,806	36,263,289	35,930,100

Notes are an integral part of this quarterly information

Statements of Financial Position
as of March 31, 2019 and December 31, 2018 (continued)
All amounts expressed in thousands of Brazilian reais

LIABILITIES	Note	Parent Company		Consolidated	
		03.31.2019	12.31.2018	03.31.2019	12.31.2018
CURRENT LIABILITIES					
Payroll, social charges and accruals	20	5,896	6,747	288,907	284,179
Accounts payable to related parties		1,042	755	-	-
Accounts payable to suppliers	21	1,665	2,731	1,529,944	1,419,243
Income tax and social contribution payable		-	-	94,219	197,949
Other taxes due	13.2	150	152	387,980	451,433
Loans and financing	22	208,459	129,401	1,051,712	1,113,047
Debentures	23	1,245,186	941,677	2,504,504	2,184,881
Dividend payable		354,203	354,203	369,950	375,675
Post-employment benefits	24	123	87	61,243	58,478
Sectorial charges due	25	-	-	56,611	79,872
Research and development and Energy efficiency	26	-	-	262,297	270,429
Accounts payable related to concession	27	-	-	69,698	67,858
Lease liability	28	145	-	29,326	-
Other accounts payable	29	117	135	180,137	192,070
		1,816,986	1,435,888	6,886,528	6,695,114
NONCURRENT LIABILITIES					
Payroll, social charges and accruals	21	-	-	49,431	49,956
Deferred income tax and social contribution	13.1	-	-	171,008	157,420
Other taxes due	13.2	2,672	2,602	792,126	796,732
Loans and financing	22	578,705	773,984	2,709,492	2,934,260
Debentures	23	298,202	596,403	5,041,802	5,333,250
Post-employment benefits	24	4,950	4,867	917,099	910,285
Research and development and Energy efficiency	26	-	-	351,351	322,306
Accounts payable related to concession	27	-	-	523,610	516,305
Sectorial financial liabilities	9	-	-	97,991	96,531
Lease liability	28	224	-	69,453	-
Other accounts payable	29	1,795	3,957	122,402	116,954
Provisions for legal claims	30	295,953	292,180	1,692,155	1,664,773
		1,182,501	1,673,993	12,537,920	12,898,772
EQUITY					
Attributable to controlling shareholders					
Capital	31.1	7,910,000	7,910,000	7,910,000	7,910,000
Equity valuation adjustments	31.2	769,126	785,610	769,126	785,610
Legal reserve		914,751	914,751	914,751	914,751
Profit retention reserve		6,422,564	6,422,564	6,422,564	6,422,564
Accumulated profit		514,475	-	514,475	-
		16,530,916	16,032,925	16,530,916	16,032,925
Attributable to non-controlling interests					
	17.2.2	-	-	307,925	303,289
		16,530,916	16,032,925	16,838,841	16,336,214
TOTAL LIABILITIES & EQUITY		19,530,403	19,142,806	36,263,289	35,930,100

Notes are an integral part of this quarterly information

Statements of Income

for the quarters ended March 31, 2019 and 2018

All amounts expressed in thousands of Brazilian reais

	Note	Parent Company		Consolidated	
		03.31.2019	Restated 03.31.2018	03.31.2019	Restated 03.31.2018
NET OPERATING REVENUE	32	-	-	3,896,006	3,348,681
OPERATING COSTS	33	-	-	(2,730,735)	(2,460,196)
GROSS PROFIT		-	-	1,165,271	888,485
Operational expenses / income					
Selling expenses	33	-	-	(46,680)	(42,841)
General and administrative expenses	33	(10,212)	(24,277)	(173,282)	(198,368)
Other operational income (expenses)	33	(879)	44,534	(92,322)	(85,194)
Equity in earnings of investees	17	493,011	294,614	16,385	44,792
		481,920	314,871	(295,899)	(281,611)
PROFIT BEFORE FINANCIAL RESULTS AND TAXES		481,920	314,871	869,372	606,874
Financial results	34				
Financial income		62,585	108,391	206,644	205,395
Financial expenses		(43,902)	(47,005)	(304,857)	(275,062)
		18,683	61,386	(98,213)	(69,667)
OPERATING PROFIT		500,603	376,257	771,159	537,207
INCOME TAX AND SOCIAL CONTRIBUTION	13.3				
Current		(6,351)	(21,574)	(289,816)	(245,607)
Deferred		3,739	(6,131)	24,619	64,254
		(2,612)	(27,705)	(265,197)	(181,353)
NET INCOME		497,991	348,552	505,962	355,854
Attributed to controlling shareholders		-	-	497,991	348,552
Attributed to non-controlling interest	17.2.2	-	-	7,971	7,302
BASIC AND DILUTED NET EARNING PER SHARE ATTRIBUTED TO PARENT COMPANY SHAREHOLDERS - EXPRESSED IN BRAZILIAN REAIS	31.3				
Common shares		1.73808	1.21651		
Class "A" Preferred shares		1.91189	1.33816		
Class "B" Preferred shares		1.91189	1.33816		

Notes are an integral part of this quarterly information

Statements of Comprehensive Income
for the quarters ended March 31, 2019 and 2018
All amounts expressed in thousands of Brazilian reais

	Note	Parent Company		Consolidated	
		03.31.2019	Restated 03.31.2018	03.31.2019	Restated 03.31.2018
NET INCOME					
Total comprehensive income, net of taxes		497,991	348,552	505,962	355,854
		-	-	-	-
TOTAL COMPREHENSIVE INCOME		497,991	348,552	505,962	355,854
Attributed to controlling shareholders				497,991	348,552
Attributed to non-controlling interest				7,971	7,302

Notes are an integral part of this quarterly information

Statements of Changes in Equity
for the quarters ended March 31, 2019 and 2018
All amounts expressed in thousands of Brazilian reais

	Note	Attributable to controlling shareholders						Shareholders' equity	Attributable to non-controlling interests	Equity Consolidated
		Capital	Equity valuation adjustments		Profit reserves					
			Deemed cost	Other comprehensive income	Legal reserve	Profit retention reserve	Accumulated profit			
Balance as of January 1, 2019		7,910,000	806,220	(20,610)	914,751	6,422,564	-	16,032,925	303,289	16,336,214
Net Income		-	-	-	-	-	497,991	497,991	7,971	505,962
Total comprehensive income		-	-	-	-	-	497,991	497,991	7,971	505,962
Realization - deemed cost, net of taxes	31.2	-	(16,484)	-	-	-	16,484	-	-	-
Allocation proposed to GSM:	17.2.2	-	-	-	-	-	-	-	(3,335)	(3,335)
Balance as of March 31, 2019		7,910,000	789,736	(20,610)	914,751	6,422,564	514,475	16,530,916	307,925	16,838,841

Notes are an integral part of this quarterly information

	Capital	Equity valuation adjustments		Profit reserves			Shareholders' equity	Attributable to non-controlling interests	Equity Consolidated
		Deemed cost	Other comprehensive income	Legal reserve	Profit retention reserve	Accumulated profit			
		Balance as of January 1, 2018	7,910,000	873,306	22,295	844,398			
Adjustments arising from the adoption of CPC 47/IFRS15 and CPC 48/IFRS9	-	-	(4,391)	-	-	(160,533)	(164,924)	-	(164,924)
Transfers to profit retention reserve	-	-	-	-	(160,533)	160,533	-	-	-
Balance as of January 1, 2018 adjusted	7,910,000	873,306	17,904	844,398	5,397,310	-	15,042,918	302,661	15,345,579
Net Income restated	-	-	-	-	-	348,552	348,552	7,302	355,854
Total comprehensive income	-	-	-	-	-	348,552	348,552	7,302	355,854
Realization - deemed cost, net of taxes	-	(16,702)	-	-	-	16,702	-	-	-
Balance as of March 31, 2018 restated	7,910,000	856,604	17,904	844,398	5,397,310	365,254	15,391,470	309,963	15,701,433

Notes are an integral part of this quarterly information

Statements of Cash Flows
for the quarters ended March 31, 2019 and 2018
All amounts expressed in thousands of Brazilian reais

	Note	Parent Company		Consolidated	
		03.31.2019	03.31.2018	03.31.2019	03.31.2018
CASH FLOWS FROM OPERATIONAL ACTIVITIES					
Net income		497,991	348,552	505,962	355,854
Adjustments to reconcile net income for the period with cash generated from operating activities					
Unrealized monetary and exchange variation and debt charges - net		(12,196)	779	199,631	196,104
Interest - bonus from the grant of concession agreements under the quota system	10.3	-	-	(25,540)	(20,624)
Gain on remeasurement of the cash flow from the RBSE assets	10.4	-	-	(32,096)	(42,010)
Gain on transmission concession agreement	11.3	-	-	(88,499)	(39,273)
Income tax and social contribution	13.3	6,351	21,574	289,816	245,607
Deferred income tax and social contribution	13.3	(3,739)	6,131	(24,619)	(64,254)
Equity in earnings of investees	17.1	(493,011)	(294,614)	(16,385)	(44,792)
Appropriation of actuarial calculation of post-employment benefits	24.4	152	140	24,898	24,297
Appropriation of pension and healthcare contributions	24.4	1,504	(11)	32,868	34,356
Creation for research and development and energy efficiency programs	26.2	-	-	32,144	29,507
Recognition of fair value of assets related to concession compensation	32	-	-	(13,624)	(9,568)
Sectorial financial assets and liabilities result	32	-	-	70,808	(221,945)
Depreciation and amortization	33	655	304	222,772	177,210
Net operating estimated losses, provisions and reversals	33.4	2,445	(18,342)	102,537	116,041
Fair value in the purchase and sale of power in the active market	36.2.12	-	-	(15,557)	-
Impairment of accounts receivable related to concession	10.1	-	-	18	2
Loss on disposal of contract assets	11.1	-	-	619	-
Loss on disposal of property, plant and equipment	18.2	-	-	24,138	3,114
Loss on disposal of intangible assets	19.1	1	-	8,711	5,230
		153	64,513	1,298,602	744,856
Decrease (increase) in assets					
Trade accounts receivable		-	-	96,112	320,666
Dividends and interest on own capital received		22,136	2,736	2,176	2,735
CRC transferred to the Paraná State Government	8.1	69,646	65,030	69,646	65,030
Judicial deposits		12,711	(1,465)	18,859	5,795
Sectorial financial assets	9.2	-	-	10,762	-
Other receivables		5,495	(272)	29,222	(3,834)
Inventories		-	-	3,227	6,242
Income tax and social contribution		5,456	25,051	45,401	260,318
Other current taxes recoverable		(384)	(80,256)	(15,839)	(77,184)
Prepaid expenses		40	-	4,346	5,203
Related parties		557	18,268	(194)	-
		115,657	29,092	263,718	584,971
Increase (decrease) in liabilities					
Payroll, social charges and accruals		(851)	3,713	4,728	74,026
Related parties		287	(3,105)	-	-
Suppliers		(1,066)	607	59,980	(262,672)
Other taxes		70	367	(65,363)	(87,501)
Post-employment benefits	24.4	(1,537)	(16)	(48,187)	(47,916)
Sectorial charges due		-	-	(23,261)	(43,455)
Research and development and energy efficiency	26.2	-	-	(17,210)	(16,497)
Payable related to the concession	27.1	-	-	(17,243)	(16,287)
Sectorial financial liabilities		-	-	-	28,531
Other accounts payable		(2,180)	(140)	(41,203)	22,060
Provisions for legal claims	30.1.1	-	(9)	(37,578)	(36,344)
		(5,277)	1,417	(185,337)	(386,055)
CASH GENERATED FROM OPERATING ACTIVITIES					
		110,533	95,022	1,376,983	943,772
Income tax and social contribution paid		(6,351)	(24,041)	(393,546)	(197,892)
Loans and financing - interest due and paid	22.4	(17,286)	(39,432)	(54,264)	(86,257)
Debentures - interest due and paid	23.2	(22,657)	(5,526)	(124,091)	(18,201)
Interest paid on lease liabilities	28.2.1	(8)	-	(1,991)	-
NET CASH GENERATED FROM OPERATING ACTIVITIES					
		64,231	26,023	803,091	641,422

(continued)

Statements of Cash Flows
for the quarters ended March 31, 2019 and 2018 (continued)
All amounts expressed in thousands of Brazilian reais

	Note	Parent Company		Consolidated	
		03.31.2019	03.31.2018	03.31.2019	Restated 03.31.2018
CASH FLOWS FROM INVESTMENT ACTIVITIES					
Financial investments		40,649	(1,344)	(31,923)	18,920
Loans and financing granted to related parties		(18,900)	(138,865)	-	-
Receipt of loans and financing granted to related parties		-	116,978	-	117,239
Additions to contract assets		-	-	(226,614)	(132,683)
Customers contributions - contract assets		-	-	22,866	25,834
Additions in investments	17.1	(23,144)	(115,990)	(47,080)	-
Capital reduction of investees	17.1	-	-	34,300	35,280
Additions to property, plant and equipment		(17)	(74)	(113,235)	(503,267)
Additions to intangible assets		-	(84)	(1,579)	(788)
NET CASH USED IN INVESTING ACTIVITIES		(1,412)	(139,379)	(363,265)	(439,465)
CASH FLOWS FROM FINANCING ACTIVITIES					
Loans and financing obtained	22.4	-	-	16,103	-
Issue of Debentures		-	600,000	-	600,000
Payments of principal - loans and financing	22.4	(115,500)	(77,000)	(327,933)	(121,356)
Payments of principal - debentures	23.2	-	-	(6,422)	(21,247)
Amortization of principal of lease liability	28.2.1	(33)	-	(6,952)	-
Dividends and interest on own capital paid		-	(1,965)	(9,061)	(1,966)
NET CASH (USED IN) GENERATED FROM FINANCING ACTIVITIES		(115,533)	521,035	(334,265)	455,431
TOTAL EFFECTS ON CASH AND CASH EQUIVALENTS		(52,714)	407,679	105,561	657,388
Cash and cash equivalents at the beginning of the period	5	315,003	56,833	1,948,409	1,040,075
Cash and cash equivalents at the end of the period	5	262,289	464,512	2,053,970	1,697,463
CHANGE IN CASH AND CASH EQUIVALENTS		(52,714)	407,679	105,561	657,388

Notes are an integral part of this quarterly information

Statements of Added Value
for the quarters ended March 31, 2019 and 2018
All amounts expressed in thousands of Brazilian reais

ADDED VALUE TO DISTRIBUTE	Parent Company		Consolidated	
	03.31.2019	Restated 03.31.2018	03.31.2019	Restated 03.31.2018
Income				
Sale of energy, services and other income	-	-	5,870,101	4,828,519
Construction income	-	-	372,848	362,135
Fair value of indemnifiable concession assets	-	-	13,624	9,568
Sectorial financial assets and liabilities result	-	-	(70,808)	221,945
Other income	1,846	26,473	43,064	34,486
Expected credit losses	-	-	(29,828)	(26,830)
	1,846	26,473	6,199,001	5,429,823
(-) Supplies acquired from third parties				
Energy purchased for resale	-	-	1,524,768	1,286,119
Charges for use of the main transmission grid (-) ESS and ERR	-	-	306,253	317,298
Materials, supplies and third parties services	2,895	3,773	161,761	163,569
Natural gas and supplies for gas operations	-	-	172,756	98,306
Construction costs	-	-	306,292	331,190
Loss / Recovery of assets	-	-	60,190	23,622
Impairment	-	-	5,362	2,899
Other supplies	4,727	(7,094)	100,079	108,510
	7,622	(3,321)	2,637,461	2,331,513
(=) GROSS ADDED VALUE	(5,776)	29,794	3,561,540	3,098,310
(-) Depreciation and amortization	655	304	222,772	177,210
(=) NET ADDED VALUE	(6,431)	29,490	3,338,768	2,921,100
(+) Transferred added value				
Results from investment interests	493,011	294,614	16,385	44,792
Financial income	62,585	108,391	206,644	205,395
Other Income	1	-	34,245	29,204
	555,597	403,005	257,274	279,391
	549,166	432,495	3,596,042	3,200,491

(continued)

Statements of Added Value
for the quarters ended March 31, 2019 and 2018 (continued)
All amounts expressed in thousands of Brazilian reais

DISTRIBUTION OF ADDED VALUE	Parent Company				Consolidated			
	03.31.2019		Restated 03.31.2018		03.31.2019		Restated 03.31.2018	
		%		%		%		%
Personnel								
Salaries and management fees	2,514		2,506		207,201		215,277	
Private pension and health plans	568		569		59,509		61,003	
Meal and education allowance	297		269		28,138		27,909	
Social security charges - FGTS	269		160		15,111		15,278	
Voluntary retirement program	-		4,421		-		91,152	
Provisions for profit sharing	276		222		28,142		24,416	
	3,924	0.7	8,147	1.9	338,101	9.4	435,035	13.6
Government								
Federal								
Tax	3,384		28,759		688,153		566,695	
Sectorial charges	-		-		582,916		589,439	
State	1		1		1,177,010		976,031	
Municipal	17		56		3,278		2,680	
	3,402	0.6	28,816	6.7	2,451,357	68.2	2,134,845	66.7
Third Parties								
Interest	43,670		46,573		294,990		262,476	
Leasing and rent	179		407		4,157		9,642	
Donations, subsidies and contributions	-		-		1,475		2,639	
	43,849	8.0	46,980	10.9	300,622	8.4	274,757	8.6
Shareholders								
Retained profits	497,991		348,552		497,991		348,552	
Non controlling interests	-		-		7,971		7,302	
	497,991	90.7	348,552	80.5	505,962	14.0	355,854	11.1
	549,166	100.0	432,495	100.0	3,596,042	100.0	3,200,491	100.0

Notes are an integral part of this quarterly information

NOTES TO THE FINANCIAL STATEMENTS

for the quarter ended March 31, 2019

All amounts expressed in thousands of Brazilian reais

1 Operations

Companhia Paranaense de Energia (Copel, Company or Parent Company), with its head office located at Rua Coronel Dulcídio, 800, Curitiba - State of Paraná, is a publicly-held mixed capital company controlled by the State of Paraná and its shares are traded at Corporate Governance Level 1 of the Special Listing Segments of B3 S.A. - Brasil, Bolsa Balcão Stock Exchange and also on the New York Stock Exchange (NYSE) and on the Madrid Stock Exchange in the Latin American segment (Latibex).

The core activities of Copel and its subsidiaries, which are regulated by the Brazilian Electricity Regulatory Agency (ANEEL), linked to the Brazilian Ministry of Mines and Energy (MME), are to carry out research, study, planning, and asset building activities related to the generation, transformation, distribution and trading of energy in any of its forms, primarily electricity. Furthermore, Copel participates in consortiums and in private sector and mixed-capital companies for the purpose of engaging in activities, primarily in the fields of energy, telecommunications and natural gas.

1.1 Copel's equity interests

Copel has direct and indirect interests in subsidiaries (1.1.1), joint ventures (1.1.2), associates (1.1.3) and joint operations (1.1.4).

1.1.1 Subsidiaries

Subsidiaries	Headquarters	Main activity	Interest	
			%	Investor
Copel Geração e Transmissão S.A. (Copel GeT)	Curitiba/PR	Production and transmission of electricity	100.0	Copel
Copel Distribuição S.A. (Copel DIS)	Curitiba/PR	Distribution and marketing of electricity	100.0	Copel
Copel Telecomunicações S.A. (Copel TEL)	Curitiba/PR	Telecommunication and communication	100.0	Copel
Copel Renováveis S.A. (Copel REN) (a)	Curitiba/PR	Control and management of interests	100.0	Copel
Copel Comercialização S.A. (Copel Energia)	Curitiba/PR	Commercialization of electricity	100.0	Copel
Companhia Paranaense de Gás - Compagás	Curitiba/PR	Distribution of pipeline gas	51.0	Copel
Eleijor - Centrais Elétricas do Rio Jordão S.A.	Curitiba/PR	Production of electricity	70.0	Copel
UEG Araucária Ltda. (UEG)	Curitiba/PR	Production of electricity from natural gas	20.0	Copel
			60.0	Copel GeT
São Bento Energia, Investimentos e Participações S.A. (São Bento)	Curitiba/PR	Control and management of interests	100.0	Copel GeT
Nova Asa Branca I Energias Renováveis S.A.	S. Miguel do Gostoso/RN	Production of electricity from wind sources	100.0	Copel GeT
Nova Asa Branca II Energias Renováveis S.A.	Parazinho/RN	Production of electricity from wind sources	100.0	Copel GeT
Nova Asa Branca III Energias Renováveis S.A.	Parazinho/RN	Production of electricity from wind sources	100.0	Copel GeT
Nova Eurus IV Energias Renováveis S.A.	Touros/RN	Production of electricity from wind sources	100.0	Copel GeT
Santa Maria Energias Renováveis S.A.	Maracanaú/CE	Production of electricity from wind sources	100.0	Copel GeT
Santa Helena Energias Renováveis S.A.	Maracanaú/CE	Production of electricity from wind sources	100.0	Copel GeT
Ventos de Santo Uriel S.A.	João Câmara/RN	Production of electricity from wind sources	100.0	Copel GeT
Cutia Empreendimentos Eólicos S.A. (Cutia)	Curitiba/PR	Control and management of interests	100.0	Copel GeT
Costa Oeste Transmissora de Energia S.A.	Curitiba/PR	Transmission of electricity	100.0	Copel GeT
Marumbi Transmissora de Energia S.A.	Curitiba/PR	Transmission of electricity	100.0	Copel GeT
Bela Vista Geração de Energia S.A. (b)	Curitiba/PR	Production of electricity	99.9	Copel GeT
GE Olho D'Água S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	São Bento
GE Boa Vista S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	São Bento
GE Farol S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	São Bento
GE São Bento do Norte S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	São Bento
Central Geradora Eólica São Bento do Norte I S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Central Geradora Eólica São Bento do Norte II S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Central Geradora Eólica São Bento do Norte III S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Central Geradora Eólica São Miguel I S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Central Geradora Eólica São Miguel II S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Central Geradora Eólica São Miguel III S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Usina de Energia Eólica Guajiru S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Usina de Energia Eólica Jangada S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Usina de Energia Eólica Potiguar S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Usina de Energia Eólica Cutia S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Usina de Energia Eólica Maria Helena S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Usina de Energia Eólica Esperança do Nordeste S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia
Usina de Energia Eólica Paraíso dos Ventos do Nordeste S.A.	São Bento do Norte/RN	Production of electricity from wind sources	100.0	Cutia

(a) Company management is assessing whether a business purpose change or a closure and transfer of assets to the shareholder is required.

(b) Pre-operating stage.

1.1.2 Joint ventures

Joint ventures	Headquarters	Main activity	Interest	
			%	Investor
Voltaia São Miguel do Gostoso I Participações S.A.	São Paulo/SP	Interests in companies	49.0	Copel
Paraná Gás Exploração e Produção S.A. (a)	Curitiba/PR	Exploration of natural gas	30.0	Copel
Caiuá Transmissora de Energia S.A.	Rio de Janeiro/RJ	Transmission of electricity	49.0	Copel GeT
Integração Maranhense Transmissora de Energia S.A.	Rio de Janeiro/RJ	Transmission of electricity	49.0	Copel GeT
Matrinchã Transmissora de Energia (TP NORTE) S.A.	Rio de Janeiro/RJ	Transmission of electricity	49.0	Copel GeT
Guaraciaba Transmissora de Energia (TP SUL) S.A.	Rio de Janeiro/RJ	Transmission of electricity	49.0	Copel GeT
Paranaíba Transmissora de Energia S.A.	Rio de Janeiro/RJ	Transmission of electricity	24.5	Copel GeT
Mata de Santa Genebra Transmissão S.A. (b)	Rio de Janeiro/RJ	Transmission of electricity	50.1	Copel GeT
Cantareira Transmissora de Energia S.A.	Rio de Janeiro/RJ	Transmission of electricity	49.0	Copel GeT

(a) Project with its activities halted because of a Public Civil Action pending a decision at TRF-4. There is a decision of the consortium members requesting the National Agency of Petroleum, Natural Gas and Biofuels – ANP, through the establishment of an institutional arbitration procedure, to release contractual obligations without burden to the bidders, with the consequent return of the subscription bonuses, reimbursement of the warranty costs incurred, and the release of the guarantees provided.

(b) Pre-operating stage.

1.1.3 Associates

Associated companies	Headquarters	Main activity	Interest	
			%	Investor
Dona Francisca Energética S.A.	Agudo/RS	Production of electricity	23.0303	Copel
Foz do Chopim Energética Ltda.	Curitiba/PR	Production of electricity	35.77	Copel GeT
Carbocampel S.A.	Figueira/PR	Coal exploration	49.0	Copel
Copel Amec S/C Ltda. - in liquidation	Curitiba/PR	Services	48.0	Copel
Sercomtel S.A. Telecomunicações (a)	Londrina/PR	Telecommunications	45.0	Copel
Dominó Holdings Ltda.	Curitiba/PR	Interests in companies	49.0	Copel Energia
GBX Tietê II Empreendimentos Participações S.A. (b)	São Paulo/SP	Incorporation of real estate projects	19.31	UEG

(a) Investment reduced to zero due to the impairment tests.

(b) Pre-operating stage.

1.1.4 Joint operations (consortiums)

Joint operations	Interest (%)	
	Copel GeT	Other consortium members
Hydroelectric Power Plant Gov. Jayme Canet Júnior - Mauá (Note 18.5)	51.0	Eletrosul Centrais Elétricas S.A. (49%)
Hydroelectric Power Plant Baixo Iguaçu (Note 18.5.1)	30.0	Geração Céu Azul S.A (subsidiary of Neoenergia S.A.) (70%)

2 Concessions and Authorizations

2.1 Concession contracts or authorizations obtained by Copel

Copel		Interest %	Maturity
Concession agreement / authorization of the equity			
Copel DIS	Contract 046/1999, extended by 5th addendum to the contract	100	07.07.2045
Copel TEL	Authorization term 54/2003 - Anatel/SVP/PVST	100	Indeterminate
	Authorization term 305/2012 - Anatel/SVP/PVST	100	Indeterminate
Elejor	Contract 125/2001 - HPP Fundação and Santa Clara	70	05.28.2037
	Authorization - SHP Fundação I and SHP Santa Clara I - 753/2002 and 754/2002	70	12.18.2032
Dona Francisca Energética	Contract 188/1998 - HPP Dona Francisca	23	08.27.2033
UEG Araucária	Authorization 351/1999 - TPP Araucária (60% Copel GET)	20	12.22.2029
Compagás (2.1.1)	Concession gas distribution contract	51	01.20.2019
Paraná Gás (1.1.2 - a)	PART-T-300_R12 4861-.0000.99/2014-00 - ANP	30	05.15.2045
Usina de Energia Eólica São João S.A. (a)	MME Ordinance 173 /2012 - WPP São João	49	03.25.2047
Usina de Energia Eólica Carnaúba S.A. (a)	MME Ordinance 204 /2012 - WPP Carnaúbas	49	04.08.2047
Usina de Energia Eólica Reduto S.A. (a)	MME Ordinance 230 /2012 - WPP Reduto	49	04.15.2047
Usina de Energia Eólica Santo Cristo S.A. (a)	MME Ordinance 233/2012 - WPP Santo Cristo	49	04.17.2047

(a) Subsidiaries of Voltalia São Miguel do Gostoso I Participações S.A.

Hydroelectric Power Plant - HPP

Small Hydroelectric Plant - SHP

Thermal Power Plant - TPP

Wind Power Plant - WPP

2.1.1 Compagás

Compagás is a party to a concession agreement entered into with the Concession Grantor, the State of Paraná, setting July 6, 2024 as the expiration date of the concession.

On December 7, 2017, the State of Paraná published Supplementary Law 205, introducing a new interpretation of the expiration of the concession, understanding that expiration will be on January 20, 2019. Considering that up to this date the extension/bidding of the concession has not yet occurred, the law provides that the concession operator may, after the expiration of the term, remain responsible for its performance until the assumption of the new concession operator, subject to the conditions established.

The Management of Compagás, its Parent company and other shareholders are challenging the effects of the aforesaid law since they understand that it conflicts with the provisions of the concession agreement currently in force. Compagás filed a lawsuit challenging the early termination of the concession and, on October 30, 2018, a preliminary injunction was granted. The Company is awaiting the trial of the merit of the case.

Considering that the lawsuit continues outstanding and the law continues in force, it was necessary to consider these effects in the financial statements. The impacts recorded are as follows:

03.31.2019	End of concession in 2024	Adjustments	End of concession in 2019
STATEMENTS OF FINANCIAL POSITION			
Noncurrent assets			
Accounts receivable related to the concession	127,696	203,417	331,113
Intangible assets	146,161	(145,246)	915
STATEMENTS OF INCOME			
Net operating revenue			
Fair value of assets from the indemnity for the concession	2,420	3,271	5,691
Operating Costs			
Amortization	(7,170)	4,557	(2,613)

Management will continue to make its best efforts to protect the Company's interests, aiming at appropriately settle the impacts of the new interpretation given by the Concession Grantor and find alternatives necessary to maintain the concession in a sustainable manner.

2.2 Concession contracts or authorizations obtained by Copel Get and its investees

Copel GeT	Interest %	Maturity	
ONEROUS CONCESSION BY THE USE OF PUBLIC PROPERTY - UBP			
Generation Concession 001/2007 - HPP Gov. Jayme Canet Júnior (Mauá)	51	07.02.2042	
Generation concession 001/2011 - HPP Colíder	100	01.16.2046	
Ordinance 133/2011 - SHP Cavernoso II	100	02.27.2046	
Generation Concession 002/2012 - HPP Baixo Iguaçu	30	09.13.2049	
Generation Concession 007/2013			
HPP Apucarantina	100	10.12.2025	
HPP Chaminé	100	08.16.2026	
HPP Derivação do Rio Jordão	100	11.15.2029	
HPP Cavernoso	100	01.07.2031	
PUBLIC SERVICE CONCESSIONS			
Generation concession 045/1999			
TPP Figueira (Note 36.2.6)	100	03.26.2019	
HPP Gov. Bento Munhoz da Rocha Neto (Foz do Areia) (Note 36.2.6)	100	09.17.2023	
HPP São Jorge	100	12.03.2024	
HPP Guaricana	100	08.16.2026	
HPP Gov. Ney Aminthas de Barros Braga (Segredo)	100	11.15.2029	
HPP Gov. José Richa (Salto Caxias)	100	05.04.2030	
Authorization 278/1999 - WPP Palmas	100	09.28.2029	
Dispatch 182/2002 - Hydroelectric Generating Plant - HGP Melissa, HGP Pitangui and HGP Salto do Vau (only register with ANEEL)			
	100	-	
Generation concession 002/2016 - HPP Gov. Pedro Viriato Parigot de Souza (GPS)	100	01.05.2046	
HPP Marumbi - Power generating plant registration: CGH. PH. PR. 001501-6.02	100	-	
Authorization Aneel 5,373/2015 - HGP Chopim I (only register with ANEEL)	100	-	
Concession agreement / authorization of the equity			
UEG Araucária	Authorization 351/1999 - TPP Araucária (20% - Copel)	60	12.22.2029
Nova Asa Branca I	MME Ordinance 267/2011 - WPP Asa Branca I	100	04.24.2046
Nova Asa Branca II	MME Ordinance 333/2011 - WPP Asa Branca II	100	05.30.2046
Nova Asa Branca III	MME Ordinance 334/2011 - WPP Asa Branca III	100	05.30.2046
Nova Eurus IV	MME Ordinance 273/2011 - WPP Eurus IV	100	04.26.2046
Santa Maria	MME Ordinance 274/2012 - WPP SM	100	05.07.2047
Santa Helena	MME Ordinance 207/2012 - WPP Santa Helena	100	04.08.2047
Ventos de Santo Uriel	MME Ordinance 201/2012 - WPP Santo Uriel	100	04.08.2047
GE Boa Vista	MME Ordinance 276 /2011 - WPP Dreen Boa Vista	100	04.27.2046
GE Farol	MME Ordinance 263 /2011 - WPP Farol	100	04.19.2046
GE Olho D'Água	MME Ordinance 343 /2011 - WPP Dreen Olho D'Água	100	05.31.2046
GE São Bento do Norte	MME Ordinance 310 /2011 - WPP Dreen São Bento do Norte	100	05.18.2046
Esperança do Nordeste	MME Ordinance 183/2015 - WPP Esperança do Nordeste	100	05.10.2050
Paraíso dos Ventos do Nordeste	MME Ordinance 182/2015 - WPP Paraíso dos Ventos do Nordeste	100	05.10.2050
Usina de Energia Eólica Jangada	Resolution 3,257/2011 - WPP GE Jangada	100	01.04.2042
Maria Helena	Resolution 3,259/2011 - WPP GE Maria Helena	100	01.04.2042
Usina de Energia Eólica Potiguar	MME Ordinance 179/2015 - WPP Potiguar	100	05.10.2050
Usina de Energia Eólica Guajiru	Resolution 3,256/2011 - WPP Dreen Guajiru	100	01.04.2042
Usina de Energia Eólica Cutia	Resolution 3,258/2011 - WPP Dreen Cutia	100	01.04.2042
São Bento do Norte I	Ordinance 349/2015 - WPP São Bento do Norte I	100	08.03.2050
São Bento do Norte II	Ordinance 348/2015 - WPP São Bento do Norte II	100	08.03.2050
São Bento do Norte III	Ordinance 347/2015 - WPP São Bento do Norte III	100	08.03.2050
São Miguel I	Ordinance 352/2015 - WPP São Miguel I	100	08.03.2050
São Miguel II	Ordinance 351/2015 - WPP São Miguel II	100	08.03.2050
São Miguel III	Ordinance 350/2015 - WPP São Miguel III	100	08.03.2050
Foz do Chopim	Authorization 114/2000 - SHP Arturo Andreoli	35.77	04.23.2030
SHP Bela Vista	Resolution 913/2017 - transfer of title under Resolution 7,802/2019 (a)	99.9	01.01.2041

(a) Building under construction.

Copel GeT	Interest %	Maturity
Transmission lines and substations concession agreements		
Contract 060/2001 (extended by 3rd addendum to the contract) - Transmission facilities – several joint ventures	100	12.31.2042
Contract 075/2001 - Transmission line Bateias - Jaguariaíva	100	08.16.2031
Contract 006/2008 - Transmission line Bateias - Pilarzinho	100	03.16.2038
Contract 027/2009 - Transmission line Foz do Iguaçu - Cascavel Oeste	100	11.18.2039
Contract 010/2010 - Transmission line Araraquara II - Taubaté	100	10.05.2040
Contract 015/2010 - Substation Cerquillo III	100	10.05.2040
Contract 022/2012 - Transmission line - Foz do Chopim - Salto Osório C2; Transmission line 230 kV Londrina - Figueira	100	08.26.2042
Contract 002/2013 - Transmission line - Assis - Paraguaçu Paulista II; Substation 230/88 kV Paraguaçu Paulista II	100	02.24.2043
Contract 005/2014 - Transmission line - Bateias - Curitiba Norte; Substation 230/138 kV Curitiba Norte	100	01.28.2044
Contract 021/2014 - Transmission line Foz do Chopim - Realeza; Substation Realeza 230/138 kV - Pátio novo 230 kV	100	09.04.2044
Contract 022/2014 - Transmission line Assis - Londrina	100	09.04.2044
Contract 006/2016 - Transmission line 525kV Curitiba Leste - Blumenau C1 (a)	100	04.06.2046
Contract 006/2016 - Transmission line 230 kV Uberaba - Curitiba Centro C1 e C2 (Underground) (a)		
- Substation 230/138 kV Curitiba Centro (SF6) - 230/138 kV - 2 x ATF 150 MVA (a)		
- Substation 230/138 kV Medianeira (Pátio novo 230 kV) - 2 x 150 MVA (a)		
- Transmission line 230 kV Baixo Iguaçu - Realeza (a)		
- Substation 230/138 kV Andirá Leste - 2 x ATR 150 MVA (a)		
Concession agreement / authorization of the equity		
Costa Oeste Transmissora Contract 001/2012 - Transmission line Cascavel Oeste - Umuarama; Substation Umuarama 230/20138 kV	100	01.11.2042
Caiuá Transmissora Contract 007/2012 - Transmission line Umuarama - Guaira; Transmission line 230 kV Cascavel Oeste - Cascavel Norte; Substation Santa Quitéria 230/69-13,8 kV; Substation Cascavel Norte 230/20138-13,8 kV	49	05.09.2042
Marumbi Transmissora Contract 008/2012 - Transmission line Curitiba - Curitiba Leste; Substation Curitiba Leste 525/230 kV	100	05.09.2042
Integração Maranhense Contract 011/2012 - Transmission line Açailândia - Miranda II	49	05.09.2042
Matrinchã Transmissora Contract 012/2012 - Transmission line Paranaita - Ribeirãozinho; Transmission line 500 kV Paranaita - Cláudia; Substation Cláudia 500 kV; Transmission line 500 kV Cláudia - Paranatinga; Substation Paranatinga 500 kV; Transmission line 500 kV Paranatinga - Ribeirãozinho	49	05.09.2042
Guaraciaba Transmissora Contract 013/2012 - Transmission line Ribeirãozinho - Marimbondo II; Transmission line 500 kV Ribeirãozinho - Rio Verde Norte; Transmission line 500 kV Rio Verde Norte - Marimbondo II; Sectioning of Transmission lines 500 kV Marimbondo - Araraquara, at Substation Marimbondo II; Substation Marimbondo II 500 kV	49	05.09.2042
Paranaíba Transmissora Contract 007/2013 - Transmission line - T 500 kV Barreiras II - Rio das Éguas; Transmission line 500 kV Rio das Éguas - Luziânia; Transmission line 500 kV Luziânia - Pirapora 2	24,5	05.01.2043
Mata de Santa Genebra Contract 001/2014 - Transmission line - Itatiba - Bateias (a); Transmission line 500 kV Itatiba - Bateias (a); Transmission line 500 kV Araraquara 2 - Itatiba (a); Transmission line 500 kV Araraquara 2 - Fernão Dias (a); Substation Santa Bárbara D'Oeste 440 kV (a); Substation Itatiba 500 kV (a); Substation 500/440 kV Fernão Dias (a)	50,1	05.13.2044
Cantareira Transmissora Contract 019/2014 - Transmission line - Estreito - Fernão Dias	49	09.04.2044

(a) Buildings under construction.

3 Basis of Preparation

3.1 Statement of compliance

The quarterly information is being presented considering the provisions of CPC 21(R1) and IAS 34 – Interim Financial Reporting. Consequently, certain information contained in the notes to the financial statements for the year ended December 31, 2018, and which was not subject to modifications in the first three months of 2019, is not being presented. Therefore, this quarterly information should be read together with the financial statements as at December 31, 2018, available on the websites of the Brazilian Securities and Exchange Commission - CVM and Copel.

The Company's Management believes that all the relevant information used in its management is evidenced in the individual and consolidated quarterly information.

The quarterly information was approved by Management and authorized for issue on May 14, 2019.

3.2 Functional and presentation currency

The quarterly information is presented in Brazilian Reais, which is the functional and presentation currency of the Company. Balances herein have been rounded to the nearest thousand, unless otherwise indicated.

3.3 Basis of measurement

The quarterly information was prepared based on the historical cost, except for certain financial instruments and investments measured at fair value, as described in the respective accounting policies and notes.

3.4 Use of estimates and judgments

In the preparation of this quarterly information, Management used judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses of Copel and its subsidiaries. Actual results may differ from those estimates.

Estimates and assumptions are reviewed on a continuous basis. Changes in estimates are recognized in the period in which they occur.

Information about the use of estimates and judgment referring to the adoption of accounting policies which impact the amounts recognized in the quarterly information is the same as that disclosed in note 3.4 to the financial statements at December 31, 2018, excepting the information disclosed in note 4.1.1 to this quarterly information.

3.5 Management's judgment on going concern

Management has concluded that there are no material uncertainties that cast doubt on the Company's ability to continue as a going concern. No events or conditions were identified that, individually or in the aggregate, may raise significant doubts on its ability to continue as a going concern.

The main bases of judgment used for such conclusion are: (i) main activities resulting from long-term concessions; (ii) robust equity; (iii) strong operating cash generation, including financial capacity to settle commitments entered into with financial institutions; (iv) historical profitability; and (v) fulfillment of the objectives and targets set forth in the Company's Strategic Planning, which is approved by Management, monitored and reviewed periodically, seeking the continuity of its activities.

3.6 Restatement

CPC 47 / IFRS 15 – Clarifications to IFRS 15 – Revenue from Contracts with Customers and CPC 48 / IFRS 9 – Financial Instruments have been effective since January 1, 2018. During the closing of fiscal year 2018, specifically for the electricity transmission activity, the Company reassessed its operations in light of the new accounting standards and concluded that the balance of the public electricity transmission contracts signed with the Concession Grantor to build, operate and maintain the high voltage lines and substations should be classified and presented as contract assets instead of as financial assets, as they were previously presented, since the consideration for this asset is conditional upon fulfillment of other contractual performance obligations.

For this quarterly information, the new understanding had an impact on the result for the first quarter of 2018, due to the equity valuation adjustment in the remeasurement of assets of Copel GeT's equity interests, and on the statement of cash flows, due to the reclassification of the contract assets, previously classified with intangible assets. The effects on the financial statements, restated for purposes of comparison, are shown below:

03.31.2018	Parent company			Consolidated		
	As previously stated	Adjustments	Restated	As previously stated	Adjustments	Restated
STATEMENTS OF INCOME						
Other operational income (expenses)	298,597	16,274	314,871	(297,885)	16,274	(281,611)
Equity in earnings of investees	278,340	16,274	294,614	28,518	16,274	44,792
PROFIT BEFORE FINANCIAL RESULTS AND TAXES	298,597	16,274	314,871	590,600	16,274	606,874
OPERATING PROFIT	359,983	16,274	376,257	520,933	16,274	537,207
NET INCOME	332,278	16,274	348,552	339,580	16,274	355,854
Attributed to controlling shareholders	-	-	-	332,278	16,274	348,552
Attributed to non-controlling interest	-	-	-	7,302	-	7,302
STATEMENTS OF COMPREHENSIVE INCOME						
Total comprehensive income, net of taxes	-	-	-	-	-	-
TOTAL COMPREHENSIVE INCOME	332,278	16,274	348,552	339,580	16,274	355,854
Attributed to controlling shareholders	-	-	-	332,278	16,274	348,552
Attributed to non-controlling interest	-	-	-	7,302	-	7,302
STATEMENTS OF CASH FLOWS						
Net Cash Generated from operating activities	26,023	-	26,023	641,422	-	641,422
Net income	332,278	16,274	348,552	339,580	16,274	355,854
Equity in earnings of investees	(278,340)	(16,274)	(294,614)	(28,518)	(16,274)	(44,792)
NET CASH USED IN INVESTING ACTIVITIES	(139,379)	-	(139,379)	(439,465)	-	(439,465)
Additions to contract assets	-	-	-	-	(132,683)	(132,683)
Customers contributions - contract assets	-	-	-	-	25,834	25,834
Additions to intangible assets	(84)	-	(84)	(133,471)	132,683	(788)
Customers contributions - intangible assets	-	-	-	25,834	(25,834)	-
NET CASH (USED IN) GENERATED FROM FINANCING ACTIVITIES	521,035	-	521,035	455,431	-	455,431
TOTAL EFFECTS ON CASH AND CASH EQUIVALENTS	407,679	-	407,679	657,388	-	657,388
STATEMENTS OF ADDED VALUE						
Added value to distribute	416,221	16,274	432,495	3,184,217	16,274	3,200,491
(+) Transferred added value	386,731	16,274	403,005	263,117	16,274	279,391
Results from investment interests	278,340	16,274	294,614	28,518	16,274	44,792
Distribution of added value	416,221	16,274	432,495	3,184,217	16,274	3,200,491
Shareholders	332,278	16,274	348,552	339,580	16,274	355,854
Retained profits	332,278	16,274	348,552	332,278	16,274	348,552
Non controlling interests	-	-	-	7,302	-	7,302
BASIC AND DILUTED NET EARNING PER SHARE ATTRIBUTED TO PARENT COMPANY SHAREHOLDERS - EXPRESSED IN BRAZILIAN REAIS						
Common shares	1.15971	0.05680	1.21651			
Class "A" Preferred shares	1.27568	0.06248	1.33816			
Class "B" Preferred shares	1.27568	0.06248	1.33816			

4 Significant Accounting Policies

The Company's accounting policies are consistent with those presented in the financial statements for the year ended December 31, 2018, except for the policies disclosed in note 4.1.

4.1 Standards applicable to the Company effective January 1, 2019

4.1.1 CPC 06 (R2)/IFRS 16 - Leases

The pronouncement replaces CPC 06 (R1) / IAS 17 - Leases, as well as related interpretations (ICPC 03 / IFRIC 4, SIC 15 and SIC 27). The adoption of the new standard eliminates the operating lease accounting for the lessee, presenting a single lease model consisting of initially recognizing all leases in assets and liabilities at present value; and recognizing the amortization of the right to use the asset and lease interest separately in the statement of income.

Transition method

The Company applied the modified retrospective transition method, which does not require the presentation of comparative information, and the liability and the right-of-use asset are recognized at the present value of the remaining installments. Accordingly, the information for prior years continues being presented in accordance with the previous standard.

The Company analyzed its operating lease contracts and applied this pronouncement only to contracts in force on January 1, 2019 and that have been previously identified as leases.

In conformity with CPC 06 (R2) / IFRS 16, the Company elected to adopt the recognition exemptions foreseen for short-term leases (lease term of 12 months or less) and low value assets leases, such as computers, printers and mobile devices of less than R\$18. These contracts are recognized as operating lease costs and/or expenses on a straight line basis as provided for in the standard, over the lease contract term.

The Company has land lease contracts for the development of wind power generation projects that provide for minimum lease payments during the study/construction period and variable lease payments during the period of commercial operation. For lease contracts that at the date of application of the standard are subject to minimum payments, the Company recognized a right-of-use asset and a lease liability. Lease agreements that are already in commercial operation are recognized by the Company in its statement of income, when the event or condition is fulfilled, as leases and rentals, in operating costs and/or expenses.

Use of judgment

Lessee's incremental borrowing rate

For all lease contracts with related parties and third parties, the Company considered the interest rate required to acquire assets in similar conditions of those leased as of the date of execution of the lease contract. The rate adopted by the Company considers the cost of the last borrowing taken out, based on the Interbank Deposit Certificate (CDI) rate plus a risk spread applicable to the Company. On initial adoption, the rate used was 9.10% p.a.

Lease term for contracts with indefinite term.

The Company has lease contracts with indefinite term. For these contracts, the estimated term adopted considered a maximum term extension by 60 months.

Effects from initial application

The new requirements of CPC 06 (R2)/IFRS 16 generated the following impacts on the recognition and presentation of lease and rental contracts.

Financial Statements	Classification as CPC 06 (R1) /IAS17	CPC 06 (R2) / IFRS 16
Statements of Financial Position		
Noncurrent assets	-	Right-of-use asset
Current Liabilities and Noncurrent Liabilities	-	Lease liability
Statements of Income		
Operating Costs	Leases and rentals	Amortization of right-of-use asset
Other operating costs and expense	Leases and rentals	Amortization of right-of-use asset
Financial expenses	-	Interest on lease liability
Statements of cash flows		
Payment of interest on lease liability	-	Operating activities
Payment of principal of lease liability	-	Financing activities

The effects from initial adoption are presented in note 28.

4.1.2 ICPC 22/IFRIC 23 – Uncertainty Over Income Tax Treatment

The interpretation explains how to apply the recognition and measurement requirements of CPC 32 – Income Taxes when there is uncertainty over a tax treatment. In accordance with certain requirements, such as where the tax authority is most likely not to accept certain treatment, the entity shall recognize and measure its current or deferred tax, asset or liability, applying the requirements of CPC 32 based on taxable profit (tax loss), tax bases, unused tax losses, unused tax credits and ruling statutory tax rates, considering this uncertainty.

The Company evaluated the income tax treatments and concluded that the application of the standard did not have impacts on its results.

5 Cash and Cash Equivalents

	Parent Company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Cash and bank accounts	442	2,044	196,115	167,728
Financial investments with immediate liquidity	261,847	312,959	1,857,855	1,780,681
	262,289	315,003	2,053,970	1,948,409

These comprise cash on hand, deposits with banks and short-term highly-liquid investments, which can be redeemed in cash within 90 days from the investment date. Temporary short-term investments are recorded at cost at the reporting date, plus earnings accrued. Cash and cash equivalents are subject to an insignificant risk of change in value.

Financial investments of the Company and its subsidiaries refer to Bank Deposit Certificates - CDBs and Repurchase Agreements, which are the sale of a security with the commitment of the seller (Bank) to repurchase it, and of the purchaser to resell it in the future. Investments are remunerated between 78% and 100.8% of Interbank Deposit Certificate (Certificado de Depósito Interbancário - CDI) interest.

6 Bonds and Securities

The Company and its subsidiaries have securities that yield variable interest rates. The term of these securities ranges from 1 to 59 months from the end of the reporting period.

Category	Index	Parent Company		Consolidated	
		03.31.2019	12.31.2018	03.31.2019	12.31.2018
Quotas in Funds (a)	CDI	81,194	123,560	276,979	286,855
Bank Deposit Certificates - CDB	95.0% to 101% of CDI	-	-	31,487	50,629
Committed Operation	96.5% to 100% of CDI	-	-	3,503	6,116
Financial Treasury Bonds - LFT	Selic	-	-	706	696
		81,194	123,560	312,675	344,296
	Current	81,194	123,560	93,909	124,862
	Noncurrent	-	-	218,766	219,434

Interbank Deposit Certificate - CDI

Interest rate equivalent to the reference rate of the Special System for Settlement and Custody - Selic

(a) These are fixed income funds in the Parent Company and reserve accounts intended to comply with contracts with BNDES, in other companies.

7 Trade Accounts Receivable

Consolidated	Balances	Overdue	Overdue for more than	Total	Total
	falling due	up to 90 days	90 days	03.31.2019	12.31.2018
Customers					
Residential	331,303	239,388	19,355	590,046	584,621
Industrial	218,573	45,995	88,885	353,453	409,096
Commercial	277,106	70,487	31,903	379,496	379,449
Rural	71,901	23,395	5,003	100,299	89,634
Public Entities	39,412	6,199	4,724	50,335	56,920
Public lighting	37,580	34	-	37,614	39,114
Public service	37,763	772	520	39,055	42,702
Unbilled	518,151	-	-	518,151	538,245
Energy installments plan (7.1)	135,555	16,263	48,165	199,983	197,951
Low income subsidy - Eletrobras	11,691	-	-	11,691	11,958
Other receivables	28,926	32,322	73,249	134,497	138,116
	1,707,961	434,855	271,804	2,414,620	2,487,806
Concessionaires, Permission holder and Trading Companies					
Energy supplies					
Energy purchase agreements in the regulated market - CCEAR	9,153	243	5,576	14,972	10,882
Bilateral contracts	93,896	692	7,420	102,008	101,594
CCEE (7.2)	146,947	-	222,838	369,785	323,657
Unbilled	152,357	-	-	152,357	137,076
Quota system and Reimbursement to generators	-	631	2,677	3,308	2,994
	402,353	1,566	238,511	642,430	576,203
Charges from using transmission grid	164,871	7,787	7,418	180,076	208,060
Telecommunications	53,482	16,175	7,079	76,736	62,985
Gas distribution	94,637	3,969	11,244	109,850	103,340
Expected credit losses (7.3)	(3,142)	(11,041)	(321,764)	(335,947)	(331,388)
	2,420,162	453,311	214,292	3,087,765	3,107,006
	Current			2,905,916	2,944,091
	Noncurrent			181,849	162,915

7.1 Energy installments plan

The trade accounts receivable renegotiated are discounted to present value as of March 31, 2019, taking into consideration the future value, the maturity dates, the dates of settlement and the discount rate ranging from 0.07% to 4.26% p.m.

7.2 Electricity Trading Chamber - CEEE

The Company challenges in court the application filed for exclusion of responsibility in order to postpone the obligation of Colíder HPP to supply energy in connection with energy sales by the Company (Note 18.4).

Due to the success in the filing of application for preliminary injunction in the ordinary lawsuit, the Company has a receivable of R\$190,856 for energy supply in the period January to October 2015, measured at the PLD amount. As the receipt of this amount is uncertain, expected credit losses in the amount of R\$119,665 were recorded, corresponding to the difference between the PLD amount and the contractual amount. The remaining balance of R\$71,191 corresponds to the clearly legal right receivable for the energy supply, irrespective of any litigation.

Also in relation to this lawsuit the amount of R\$43,844, related to energy supply measured at the PLD amount, was not recognized due to the uncertainty on the related lawsuit merit.

7.3 Expected credit losses

Consolidated	Balance as of January 01, 2019	Additions	Reversal of write offs	Balance as of March 31, 2019
Customers				
Residential	21,722	17,200	(15,924)	22,998
Industrial	87,197	14	(137)	87,074
Commercial	69,717	5,825	(4,378)	71,164
Rural	3,810	172	29	4,011
Public Entities	4,874	146	(93)	4,927
Public lighting	120	162	-	282
Public service	199	559	-	758
Unbilled	1,502	(127)	-	1,375
Adjustment to present value	(2,883)	(336)	-	(3,219)
	186,258	23,615	(20,503)	189,370
Concessionaires, Permission holder and Trading Companies				
CCEE (7.2)	119,665	-	-	119,665
Concessionaries and permission holder	9,474	1,129	-	10,603
	129,139	1,129	-	130,268
Telecommunications	3,879	3,128	(2,943)	4,064
Gas distribution	12,112	441	(308)	12,245
	331,388	28,313	(23,754)	335,947

8 CRC Transferred to the Paraná State Government

The Company's Management and the Paraná State Government formalized on October 31, 2017 the fifth amendment to the agreement for renegotiation of the Account for Compensation of Income and Losses - CRC. The State of Paraná complied with the agreed terms and made the payments of the monthly interest until December 2017. With the end of the grace period, the State of Paraná has strictly complied with the payments under the agreed terms, there remaining 73 monthly installments to be paid.

8.1 Changes in CRC

	Reversal of write offs	Interest	Monetary variations	Amortizations	Balance as of March 31, 2019
	1,445,042	23,073	33,679	(69,646)	1,432,148
Current	190,876				195,169
Noncurrent	1,254,166				1,236,979

8.2 Maturity of non-current installments

2020	161,081
2021	222,337
2022	237,123
2023	252,893
2024	269,712
After 2024	93,833
	1,236,979

9 Net Sectorial Financial Assets and Liabilities

9.1 Composition of net sectorial financial assets and liabilities balances per tariff cycle

Consolidated	03.31.2019		12.31.2018	
	Current	Noncurrent	Current	Noncurrent
Sectorial financial assets - Electricity rate adjustment recoverable 2018				
Portion A				
Electricity purchased for resale - CVA Energ	131,694	-	274,495	-
Electricity purchased for resale - Itaipu	133,410	-	278,072	-
Transport of energy using the transmission system - basic grid	13,481	-	28,100	-
Transport of energy purchased from Itaipu	3,988	-	8,312	-
System Service Charges - ESS	(115,263)	-	(240,248)	-
Energy Development Account - CDE	7,885	-	16,434	-
Proinfa	1,443	-	3,007	-
Other financial components				
Neutrality	20,440	-	42,605	-
Overcontracting	(22,535)	-	(46,972)	-
Hydrological risk	(84,016)	-	(175,117)	-
Tariff refunds	(17,675)	-	(36,840)	-
CVA Angra III Adjustment	3,009	-	6,272	-
Other	2,605	-	5,429	-
	78,466	-	163,549	-
Sectorial financial assets - Electricity rate adjustment recoverable 2019				
Portion A				
Electricity purchased for resale - CVA Energ	394,691	131,563	176,198	176,198
Electricity purchased for resale - Itaipu	530,068	176,690	304,085	304,086
Transport of energy using the transmission system - basic grid	(72,400)	(24,133)	(29,307)	(29,307)
Transport of energy purchased from Itaipu	14,855	4,952	7,469	7,469
System Service Charges - ESS	(246,498)	(82,166)	(120,862)	(120,862)
Energy Development Account - CDE	119,339	39,780	71,325	71,325
Proinfa	6,857	2,285	(9)	(9)
Other financial components				
Neutrality	38,445	12,815	40,212	40,211
Overcontracting	(175,746)	(58,582)	(95,722)	(95,722)
Hydrological risk	(155,338)	(51,779)	(71,958)	(71,958)
Tariff refunds	(55,193)	(18,398)	(23,796)	(23,796)
	399,080	133,027	257,635	257,635
	477,546	133,027	421,184	257,635
Sectorial financial liabilities - Tariff Review 2021				
Financial components				
Tariff refunds	-	(97,991)	-	(96,531)
	-	(97,991)	-	(96,531)
	-	(97,991)	-	(96,531)

9.2 Changes in net sectorial financial assets and liabilities

Consolidated	Balance as of January 01, 2019	Operating revenues		Financial results	Rate flags	Balance as of March 31, 2019
		Constitution	Amortization	Updating		
Portion A						
Electricity purchased for resale - Itaipu	886,243	89,203	(149,582)	14,304	-	840,168
Electricity purchased for resale - CVA Energ	626,891	180,107	(147,802)	9,514	(10,762)	657,948
Transport of energy using the transmission system - basic grid	(30,514)	(36,959)	(15,122)	(457)	-	(83,052)
Transport of energy purchased from Itaipu	23,250	4,648	(4,468)	365	-	23,795
ESS	(481,972)	(83,550)	129,041	(7,446)	-	(443,927)
CDE	159,084	14,030	(8,755)	2,645	-	167,004
Proinfra	2,989	9,051	(1,614)	159	-	10,585
Other financial components						
Neutrality	123,028	(30,067)	(22,164)	903	-	71,700
CVA Angra III Adjustment	6,272	-	(3,263)	-	-	3,009
Hydrological risk	(319,033)	(60,430)	91,101	(2,771)	-	(291,133)
Tariff refunds	(180,963)	(24,996)	19,165	(2,463)	-	(189,257)
Overcontracting	(238,416)	(39,994)	24,436	(2,889)	-	(256,863)
Others	5,429	-	(2,824)	-	-	2,605
	582,288	21,043	(91,851)	11,864	(10,762)	512,582
Current assets	421,184					477,546
Noncurrent assets	257,635					133,027
Noncurrent liabilities	(96,531)					(97,991)

10 Accounts Receivable - Concessions

Consolidated	03.31.2019	12.31.2018
Power distribution service concession (10.1)	777,188	783,023
Piped gas distribution service concession (10.2)	331,113	322,259
Bonus from the grant of concession agreements under the quota system (10.3)	634,300	625,772
Remeasurement of RBSE assets (10.4)	752,755	753,826
Generation concession agreements (10.5)	66,802	65,811
	2,562,158	2,550,691
	Current	54,596
	Noncurrent	2,507,562
		53,177
		2,497,514

10.1 Power distribution service concession

Balance as of January 1, 2019	783,023
Transfers from contract assets (Note 11.1)	(13,086)
Transfers to investments	(661)
Transfers to other receivables (assets held for disposal)	(3)
Fair value recognition	7,933
Loss on disposal	(18)
Balance as of March 31, 2019	777,188

10.2 Piped gas distribution service concession

Balance as of January 1, 2019	322,259
Transfers from contract assets (Note 11.2)	3,163
Fair value recognition	5,691
Balance as of March 31, 2019	331,113

10.3 Bonus from the grant of concession agreements under the quota system

Balance as of January 1, 2019	625,772
Transfers to electricity grid use charges - customers	(17,012)
Interest (Note 32)	25,540
Balance as of March 31, 2019	634,300

10.4 Remeasurement of RBSE assets

Balance as of January 1, 2019	753,826
Transfers to contract assets (Note 11.3)	1,713
Gain on the cash flow from the assets	32,096
Transfers to electricity grid use charges - customers	(34,880)
Balance as of March 31, 2019	752,755

On June 27, 2017, ANEEL published Resolution 2,258 establishing the Annual Permitted Revenues (RAP) for the 2017-2018 tariff cycle, considering a court decision on the injunction of April 11, 2017 related to a lawsuit filed by three business associations, which determines the deduction of the “compensation”, provided for in article 15, paragraph 2 of Law 12,783/2013. The same decision was applied for the current 2018-2019 cycle, according to ANEEL Resolution 2,408 of June 26, 2018.

The compensation being challenged in court related to the cost of equity calculated for the RBSE assets from January 2013 to June 2017, at the time of filing of the lawsuit, is R\$201,795.

Based on the opinion of its legal counsel, Copel GeT understands that this is a provisional decision and is not against Copel GeT’s right to receive the amounts related to RSBE assets, which are guaranteed by Law. Therefore, the receivables related to the compensation considered in the receipt flow of this asset are recorded in non-current assets.

10.5 Power generation concession contract

Balance as of January 1, 2019	65,811
Gain on remeasurement of the cash flow	125
Reversal of impairment (Note 33.4)	866
Balance as of March 31, 2019	66,802

11 Contract assets

Consolidated	03.31.2019	12.31.2018
Power distribution service concession (11.1)	703,641	640,500
Piped gas distribution service concession (11.2)	26,929	25,718
Power transmission concession (11.3)	2,864,681	2,767,012
	3,595,251	3,433,230
	Current	85,019
	Noncurrent	3,348,211
	88,295	85,019
	3,506,956	3,348,211

11.1 Power distribution service concession contract

Consolidated	Assets	Special liabilities	Total
Balance as of January 1, 2019	664,755	(24,255)	640,500
Acquisitions	228,528	-	228,528
Customers contributions	-	(22,866)	(22,866)
Provision for legal claims added to the cost of the works	135	-	135
Transfers from/to intangible assets (Note 19.1)	(177,084)	21,961	(155,123)
Transfers to accounts receivable related to concession (Note 10.1)	12,464	622	13,086
Loss on disposal	(619)	-	(619)
Balance as of March 31, 2019	728,179	(24,538)	703,641

During the construction phase, the costs of borrowings and debentures are capitalized. In the first quarter of 2019, these costs totaled R\$1,621 at the average rate of 0.09% p.a. (R\$1,003, at the average rate of 0.06% p.a. in the first quarter of 2018, capitalized in contract assets).

11.2 Piped gas distribution service concession contract

Balance as of January 1, 2019	25,718
Acquisitions	4,283
Transfers to intangible assets (Note 19.3)	91
Transfers to accounts receivable related to concession (Note 10.2)	(3,163)
Tributos sobre a realização dos ajustes	26,929

11.3 Transmission service concession contract

Balance as of January 1, 2019	2,767,012
Transfers from accounts receivable related to concession - RBSE (Note 10.4)	(1,713)
Transfers to electricity grid use charges - customers	(53,292)
Transfers to property, plant and equipment	(148)
Remuneration	88,499
Construction income	64,323
Balance as of March 31, 2019	2,864,681

12 Other Receivables

	Parent Company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Services in progress (a)	7,449	7,444	182,146	165,973
Credits on purchases of gas (12.1)	-	-	110,086	112,003
CDE Transfer (12.2)	-	-	102,349	107,472
Fair value in the purchase and sale of power in the active market (Note 36.2.12)	-	-	50,276	14,793
Advance payments to suppliers (b)	849	453	34,653	21,201
Advance payments to employees	286	319	18,731	22,096
Tariff flag - CCRTB	-	-	10,289	28,725
Advance for severance estate	-	-	9,520	19,591
Decommissioning in progress	-	-	13,023	19,457
Other receivables	392	6,255	80,608	80,833
	8,976	14,471	611,681	592,144
	Current	7,027	364,283	363,250
	Noncurrent	7,444	247,398	228,894

CCRTB - Centralizing account of Tariff Flag Resources.

(a) This item refers to services currently in progress within the Company, most of which are related to the Research and Development and Energy Efficiency programs, which upon conclusion are offset against the respective liability recorded for this purpose.

(b) Advances to suppliers provided on contractual clauses.

12.1 Credits on purchases of gas - Compagás

This balance refers to the gas acquisition of contracted and guaranteed volumes, higher than those actually withdrawn and used, and contains a future compensation clause. Compagás has the right to use the gas in subsequent months, and can compensate the volume contracted and not consumed until 2022. According to the contractual provisions and consumption perspectives, derived from the review of the projects and scenarios for the next years, Compagás estimates to fully offset the contracted volumes in the course of its operation. The contracts with Petrobras provide for the right to dispose of this asset. The expiration date of the concession is in discussion with the Concession Grantor, as described in Note 2.1.1.

12.2 CDE Transfer

Balance to be transferred by the CDE referring to tariff discounts on the tariffs applicable to users defined in accordance with article 13, item VII, of Law 10,438/2002 and Decree 7,891/2013. The amount transferred to Copel DIS for the period from June 2017 to May 2018, in accordance with Resolution 2,255/2017, was R\$49,304 per month. As from June 2018, this amount was changed to R\$62,699 per month, by Ratifying Resolution 2,402, dated 6/19/2018, which approved the result of the last Annual Tariff Adjustment.

13 Taxes

13.1 Deferred income tax and social contribution

13.1.1 Changes in deferred income tax and social contribution

Parent Company			
	Balance as of January 01, 2019	Recognized in income	Balance as of March 31, 2019
Noncurrent assets			
Provisions for legal claims	100,123	1,283	101,406
Amortization - concession	20,063	95	20,158
Provision for financing	3,455	-	3,455
Post-employment benefits	1,682	43	1,725
Others	51,174	(131)	51,043
	176,497	1,290	177,787
(-) Noncurrent liabilities			
Escrow deposits monetary variation	22,259	(2,441)	19,818
Transaction cost on borrowings and debentures	4,341	(636)	3,705
Financial instruments	2,529	628	3,157
	29,129	(2,449)	26,680
Net	147,368	3,739	151,107
Consolidated			
	Balance as of January 01, 2019	Recognized in income	Balance as of March 31, 2019
Noncurrent assets			
Provisions for legal claims	573,177	20,788	593,965
Post-employment benefits	328,685	3,327	332,012
Impairment of assets	328,011	(295)	327,716
Research and development and energy efficiency programs	154,491	2,451	156,942
Provision for energy purchases	155,570	23,685	179,255
Expected credit losses	114,010	2,061	116,071
Tax losses and negative tax basis	71,140	(11,680)	59,460
Social security contributions - injunction on judicial deposit	67,010	1,302	68,312
Amortization - concession	53,339	1,197	54,536
Provision for tax losses	30,548	9,352	39,900
Concession contracts	23,606	(325)	23,281
Financial instruments	12,232	(1,450)	10,782
Others	135,539	11,976	147,515
	2,047,358	62,389	2,109,747
(-) Noncurrent liabilities			
Concession contracts	613,658	36,385	650,043
Deemed cost	415,325	(8,492)	406,833
Escrow deposits monetary variation	64,167	(2,026)	62,141
Transaction cost on borrowings and debentures	31,127	(2,996)	28,131
Deferment of capital gains	11,320	-	11,320
Capitalization of financial charges	1,898	-	1,898
Others	60,222	14,899	75,121
	1,197,717	37,770	1,235,487
Net	849,641	24,619	874,260
Assets presented in the Statement of Financial Position	1,007,061		1,045,268
(-) Liabilities presented in the Statement of Financial Position	(157,420)		(171,008)

13.1.2 Realization of deferred taxes

	Parent Company		Consolidated	
	Assets	Liabilities	Assets	Liabilities
2019	821	(315)	457,340	(66,169)
2020	172	(2,467)	276,068	(87,321)
2021	172	(923)	193,076	(90,044)
2022	172	-	122,524	(105,507)
2023	172	-	119,462	(74,084)
2024 to 2026	516	-	224,429	(194,263)
2027 to 2029	175,762	(22,975)	716,848	(618,099)
	177,787	(26,680)	2,109,747	(1,235,487)

13.1.3 Unrecognized tax credits

As of March 31, 2019, UEG Araucária did not recognize income tax and social contribution credits on income tax and social contribution tax losses in the amount of R\$38,600 because at present there is no reasonable assurance of generation of future taxable profits sufficient to allow the utilization of these tax credits.

13.2 Other taxes recoverable and other tax obligations

	Parent Company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Current assets				
Recoverable ICMS (VAT)	-	-	106,082	96,072
Recoverable PIS/Pasep and Cofins taxes	321	321	73,845	64,200
Other recoverable taxes	-	-	570	570
	321	321	180,497	160,842
Noncurrent assets				
Recoverable ICMS (VAT)	-	-	49,854	50,306
PIS/Pasep and Cofins taxes	86,479	86,097	147,976	147,380
Other recoverable taxes	15	13	33,707	33,714
	86,494	86,110	231,537	231,400
Current liabilities				
ICMS (VAT) payable	2	-	147,111	185,634
PIS/Pasep and Cofins payable	-	-	115,516	115,345
IRRF on JSCP	-	-	-	23,687
Special Tax Regularization Program - Pert	-	-	47,428	46,777
Ordinary financing of taxes with the federal tax authorities	-	-	64,678	64,974
Other taxes	148	152	13,247	15,016
	150	152	387,980	451,433
Noncurrent liabilities				
Social security contributions - injunction on judicial deposit	2,672	2,602	201,256	197,413
Special Tax Regularization Program - Pert	-	-	466,377	471,665
Ordinary financing of taxes with the federal tax authorities	-	-	5,390	21,658
TCFRH (a)	-	-	114,874	101,821
Other taxes	-	-	4,229	4,175
	2,672	2,602	792,126	796,732

(a) Fee for Control, Monitoring and Inspection of Activities of Exploitation and Use of Water Resources - payment suspended due to injunction.

13.3 Reconciliation of provision for income tax (IRPJ) and social contribution (CSLL)

	Parent Company		Consolidated	
	03.31.2019	Restated 03.31.2018	03.31.2019	Restated 03.31.2018
Income before IRPJ and CSLL	500,603	376,257	771,159	537,207
IRPJ and CSLL (34%)	(170,205)	(127,927)	(262,194)	(182,650)
Tax effects on:				
Equity in income	167,624	100,169	5,571	15,229
Non deductible expenses	(80)	(5)	(5,094)	(3,844)
Tax incentives	44	53	4,297	3,110
Unrecognized income and social contribution tax loss carry-forwards	-	-	(6,940)	(6,875)
Setting up and/or offset of income tax and social contribution losses of prior years	-	-	2,663	-
Difference between the calculation bases of deemed profit and taxable profit	-	-	(3,906)	(6,441)
Others	5	5	406	118
Current IRPJ and CSLL	(6,351)	(21,574)	(289,816)	(245,607)
Deferred IRPJ and CSLL	3,739	(6,131)	24,619	64,254
Effective rate - %	0.5%	-3.1%	34.4%	26.2%

14 Prepaid Expenses

Consolidated	03.31.2019	12.31.2018
Risk premium - GSF renegotiation (14.1)	8,709	12,574
Others	31,054	31,535
	39,763	44,109
	Current	40,819
	Noncurrent	3,290

14.1 Hydrological risk renegotiation (GSF)

Consolidated	Balance as of January 01, 2019	Amortization	Transfers	Balance as of March 31, 2019
Risk premium - current asset	9,394	(3,865)	1,590	7,119
Risk premium - noncurrent asset	3,180	-	(1,590)	1,590
Intangible	38,707	(1,760)	-	36,947
	51,281	(5,625)	-	45,656
Risk premium to be amortized - prepaid expenses	12,574			8,709
Grant extension period - intangible	38,707			36,947

15 Receivables from Related Parties

	Parent Company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Controlling shareholders				
State of Paraná - Morar Bem Paraná Program	-	-	194	-
Subsidiaries				
Copel DIS (15.1)	106,707	104,751	-	-
Eólicas (15.2)	18,983	-	-	-
Structure sharing	5,467	8,134	-	-
Reimbursement of expenses	154	-	-	-
	131,311	112,885	194	-
	Current	8,134	194	-
	Noncurrent	106,707	-	-

15.1 Copel DIS – Financing transferred - STN

The Company transferred loans and financing to its wholly-owned subsidiaries at the time of constitution in 2001. However, since the contracts for the transfers to the subsidiaries were not formalized with the financial institutions, they remain recognized in the Parent company.

The balance with Copel DIS refers to the National Treasury Department – STN financing transferred with the same levy of charges borne by the Company (Note 22) and shown as obligations for loans and financing at Copel DIS.

15.2 Wind farms – Loan agreements

On March 14, 2019, loan agreements were entered into by and between Copel (lender) and the wind farms (borrowers), with the approval of limits plus IOF (tax on financial transactions) and interest of 119% of the CDI, aimed at providing funding for the borrowers' activities and business. These loans were settled on April 30, 2019.

Borrower	Approved limit	Financial income	Balance receivable
		03.31.2019	03.31.2019
Central Geradora Eólica São Miguel I S.A.	8,077	4	6,680
Central Geradora Eólica São Miguel II S.A.	7,529	3	4,970
Central Geradora Eólica São Miguel III S.A.	11,854	1	7,333
	27,460	8	18,983

16 Judicial Deposits

	Parent Company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Taxes claims	119,889	131,791	360,546	369,423
Labor claims	68	49	83,792	84,908
Civil				
Civil	-	-	60,440	63,484
Easements	-	-	3,354	3,280
Customers	-	-	1,518	1,861
	-	-	65,312	68,625
Others	397	-	5,814	5,334
	120,354	131,840	515,464	528,290

17 Investments

17.1 Changes in investments

Parent Company	Balance as of January 1, 2019	Equity	Investment/ Advance for future capital increase	Amorti- zation	Dividends and JCP	Balance as of March 31, 2019
Subsidiaries						
Copel GeT	8,911,964	292,077	-	-	-	9,204,041
Copel DIS	5,908,755	175,082	-	-	-	6,083,837
Copel TEL	638,873	3,504	20,100	-	-	662,477
Copel REN	28,749	32	-	-	-	28,781
Copel Energia	83,468	9,577	2,305	-	-	95,350
UEG Araucária (17.2)	74,132	(4,055)	739	-	-	70,816
Compagás (17.2)	221,654	8,260	-	-	-	229,914
Elejor (17.2)	37,785	9,548	-	-	(7,783)	39,550
Elejor - concession rights	13,008	-	-	(189)	-	12,819
	15,918,388	494,025	23,144	(189)	(7,783)	16,427,585
Joint Ventures						
Voltaia São Miguel do Gostoso I (17.3)	110,568	(3,530)	-	-	-	107,038
Voltaia São Miguel do Gostoso - authorization rights	10,405	-	-	(92)	-	10,313
Paraná Gás	-	-	-	-	-	-
	120,973	(3,530)	-	(92)	-	117,351
Associates						
Dona Francisca Energética (17.4)	29,144	2,516	-	-	(584)	31,076
Other	2,062	-	-	-	-	2,062
	31,206	2,516	-	-	(584)	33,138
	16,070,567	493,011	23,144	(281)	(8,367)	16,578,074

Consolidated	Balance as of January 1, 2019	Equity	Investment/ Advance for future capital increase	Capital decrease	Amorti- zation	Dividends and JCP	Transfers	Balance as of March 31, 2019
Joint Ventures (17.3)								
Voltaia São Miguel do Gostoso I	110,568	(3,530)	-	-	-	-	-	107,038
Voltaia São Miguel do Gostoso - authorization rights	10,405	-	-	-	(92)	-	-	10,313
Paraná Gás	-	-	-	-	-	-	-	-
Caiuá	74,639	(554)	-	-	-	-	-	74,085
Integração Maranhense	129,684	203	-	-	-	-	-	129,887
Matrinchá	673,216	6,532	-	-	-	-	-	679,748
Guaraciaba	356,941	(1,011)	-	(34,300)	-	-	-	321,630
Paranaíba	160,584	5,556	-	-	-	-	-	166,140
Mata de Santa Genebra	484,262	4,099	40,080	-	-	-	-	528,441
Cantareira	317,523	(1,485)	-	-	-	-	-	316,038
	2,317,822	9,810	40,080	(34,300)	(92)	-	-	2,333,320
Associates								
Dona Francisca Energética (17.4)	29,144	2,516	-	-	-	(584)	-	31,076
Foz do Chopim Energética (17.4)	8,227	4,073	-	-	-	-	-	12,300
Dominó Holdings	2,442	(14)	-	-	-	(1,181)	-	1,247
Other	9,115	-	-	-	-	-	-	9,115
	48,928	6,575	-	-	-	(1,765)	-	53,738
Investment property	1,342	-	-	-	(7)	-	673	2,008
Advance for future capital future capital increase	142	-	7,000	-	-	-	-	7,142
	2,368,234	16,385	47,080	(34,300)	(99)	(1,765)	673	2,396,208

17.2 Subsidiaries with non-controlling interests

17.2.1 Summarized financial information

Balance as of March 31, 2019	Compagás	Elejor	UEG Araucária
ASSETS	679,817	622,267	414,576
Current assets	203,896	57,700	15,995
Noncurrent assets	475,921	564,567	398,581
LIABILITIES	679,817	622,267	414,576
Current liabilities	130,676	84,468	36,958
Noncurrent liabilities	98,330	481,301	27,230
Equity	450,811	56,498	350,388
STATEMENT OF INCOME			
Operating revenues	174,081	71,084	-
Operating costs and expenses	(151,637)	(25,314)	(20,588)
Financial results	(1,616)	(25,114)	314
Equity in earnings of investees	-	-	-
Income tax and social contribution	(4,634)	(7,017)	-
Net income (loss)	16,194	13,639	(20,274)
Other comprehensive income	-	-	-
Total comprehensive income	16,194	13,639	(20,274)
STATEMENTS OF CASH FLOWS			
Cash flows from operational activities	10,542	13,190	(20,731)
Cash flows from investment activities	(4,395)	(43)	(2)
Cash flows from financing activities	(1,467)	(30,228)	2,930
TOTAL EFFECTS ON CASH AND CASH EQUIVALENTS	4,680	(17,081)	(17,803)
Cash and cash equivalents at the beginning of the year	90,155	42,886	21,516
Cash and cash equivalents at the end of the year	94,835	25,805	3,713
CHANGE IN CASH AND CASH EQUIVALENTS	4,680	(17,081)	(17,803)

17.2.2 Changes in equity attributable to non-controlling shareholders

Participation in capital stock	Compagás: 49%	Elejor: 30%	UEG Araucária: 20%	Consolidated
Balance as of January 1, 2019	212,962	16,193	74,134	303,289
Net income (loss)	7,934	4,092	(4,055)	7,971
Deliberation of additional dividends proposed	-	(3,335)	-	(3,335)
Balance as of March 31, 2019	220,896	16,950	70,079	307,925

17.3 Total balances of the groups of assets, liabilities, profit or loss and equity interest in commitments and contingent liabilities of the main joint ventures

Balance as of March 31, 2019	Voltalia	Caiuá	Integração Maranhense	Matrinchã	Guaraciaba	Paranaíba	Mata de Santa Genebra	Cantareira
ASSETS	220,868	261,544	466,327	2,216,344	1,204,514	1,605,072	2,382,524	1,437,734
Current assets	2,325	28,538	51,075	315,028	173,790	166,713	231,276	162,644
Cash and cash equivalents	181	3,766	7,222	122,315	60,816	14,466	3,179	42,422
Other current assets	2,144	24,772	43,853	192,713	112,974	152,247	228,097	120,222
Noncurrent assets	218,543	233,006	415,252	1,901,316	1,030,724	1,438,359	2,151,248	1,275,090
LIABILITIES	220,868	261,544	466,327	2,216,344	1,204,514	1,605,072	2,382,524	1,437,734
Current liabilities	2,219	26,555	74,475	139,191	80,722	107,538	205,655	57,608
Financial liabilities	-	7,436	13,247	72,336	28,447	55,995	52,788	42,902
Other current liabilities	2,219	19,119	61,228	66,855	52,275	51,543	152,867	14,706
Noncurrent liabilities	-	83,798	126,776	689,914	467,402	819,410	1,122,095	735,153
Financial liabilities	-	55,550	88,304	675,943	481,257	604,154	938,341	527,419
Other noncurrent liabilities	-	28,248	38,472	13,971	(13,855)	215,256	183,754	207,734
Equity	218,649	151,191	265,076	1,387,239	656,390	678,124	1,054,774	644,973
STATEMENT OF INCOME								
Net operating income	-	1,720	46,341	64,596	16,133	61,141	220,437	12,880
Operating costs and expenses	(24)	(1,175)	(8,913)	(8,696)	(5,445)	(8,958)	(178,588)	(927)
Financial results	2	(1,495)	(9,788)	(16,129)	(11,080)	(14,916)	(22,354)	(13,593)
Equity in income of subsidiaries	(7,182)	-	-	-	-	-	-	-
Income tax and social contribution	-	(183)	(27,224)	(26,441)	(1,670)	(14,591)	(11,312)	(1,391)
Net income (loss)	(7,204)	(1,133)	416	13,330	(2,062)	22,676	8,183	(3,031)
Other comprehensive income	-	-	-	-	-	-	-	-
Total comprehensive income	(7,204)	(1,133)	416	13,330	(2,062)	22,676	8,183	(3,031)
Investment interest - %	49.0	49.0	49.0	49.0	49.0	24.5	50.1	49.0
Investment book value	107,138	74,085	129,887	679,748	321,630	166,140	528,441	316,038

As of March 31, 2019, Copel's interest in the commitments assumed from its joint ventures is equivalent to R\$40,284 (R\$81,263 as of December 31, 2018) and in contingent liabilities is equivalent to R\$17,761 (R\$40,324 as of December 31, 2018).

17.4 Total balances of the groups of assets, liabilities, profit or loss and equity interest in contingent liabilities of the main associates

Balance as of March 31, 2019	Dona Francisca	Foz do Chopim
ASSETS	142,374	77,923
Current assets	21,842	45,351
Noncurrent assets	120,532	32,572
LIABILITIES	142,374	77,923
Current liabilities	4,227	17,402
Noncurrent liabilities	3,210	26,133
Equity	134,937	34,388
STATEMENT OF INCOME		
Net operating income	17,445	13,526
Operating costs and expenses	(6,039)	(2,091)
Financial income (expense)	129	466
Income tax and social contribution	(607)	(513)
Net income	10,928	11,388
Other comprehensive income	-	-
Total comprehensive income	10,928	11,388
Investment interest - %	23.0303	35.7700
Investment book value	31,076	12,300

As of March 31, 2019, Copel's interest in the contingent liabilities of its associates is equivalent to R\$61,634 (R\$61,341 as of December 31, 2018).

18 Property, Plant and Equipment

18.1 Property, plant and equipment by asset class

Consolidated	03.31.2019			12.31.2018		
	Cost	Accumulated depreciation		Cost	Accumulated depreciation	
In service						
Reservoirs, dams and aqueducts	7,694,300	(4,255,947)	3,438,353	6,643,087	(4,216,613)	2,426,474
Machinery and equipment	7,730,356	(2,733,690)	4,996,666	5,648,292	(2,674,150)	2,974,142
Buildings	2,607,871	(1,037,742)	1,570,129	1,500,990	(1,021,783)	479,207
Land	468,357	(19,622)	448,735	375,286	(18,184)	357,102
Vehicles and aircraft	47,448	(42,551)	4,897	47,744	(41,978)	5,766
Furniture and tools	22,260	(12,971)	9,289	22,057	(12,642)	9,415
(-) Provision for impairment (18.7)	(935,415)	-	(935,415)	(3,489)	-	(3,489)
(-) Special Obligations	(68)	29	(39)	(68)	27	(41)
	17,635,109	(8,102,494)	9,532,615	14,233,899	(7,985,323)	6,248,576
In progress						
Cost	1,525,155	-	1,525,155	5,789,780	-	5,789,780
(-) Provision for impairment (18.7)	(271,995)	-	(271,995)	(1,197,693)	-	(1,197,693)
	1,253,160	-	1,253,160	4,592,087	-	4,592,087
	18,888,269	(8,102,494)	10,785,775	18,825,986	(7,985,323)	10,840,663

18.2 Changes in property, plant and equipment

Consolidated	Balance as of January 1, 2019	Additions / Reversal of impairment	Depreciation	Loss on disposal	Transfers	Balance as of March 31, 2019
In service						
Reservoirs, dams and aqueducts	2,426,474	-	(39,371)	(1)	1,051,251	3,438,353
Machinery and equipment	2,974,142	-	(68,359)	(23,990)	2,114,873	4,996,666
Buildings	479,207	-	(12,992)	-	1,103,914	1,570,129
Land	357,102	-	(1,437)	-	93,070	448,735
Vehicles and aircraft	5,766	-	(1,078)	(95)	304	4,897
Furniture and tools	9,415	-	(381)	(5)	260	9,289
(-) Provision for impairment (18.7)	(3,489)	-	-	-	(931,926)	(935,415)
(-) Special Obligations	(41)	-	2	-	-	(39)
	6,248,576	-	(123,616)	(24,091)	3,431,746	9,532,615
In progress						
Cost	5,789,780	98,945	-	(47)	(4,363,523)	1,525,155
(-) Provision for impairment (18.7)	(1,197,693)	(6,228)	-	-	931,926	(271,995)
	4,592,087	92,717	-	(47)	(3,431,597)	1,253,160
	10,840,663	92,717	(123,616)	(24,138)	149	10,785,775

18.3 Costs of borrowings and debentures capitalized

The costs of borrowings and debentures capitalized during the first quarter of 2019 amounted to R\$1,169, at an average rate of 0.03% p.a. (R\$1,297, at an average rate of 0.04% p.a. in the first quarter of 2018).

18.4 HPP Colíder

On March 9, 2019 and May 7, 2019, two generation units of the power plant started their commercial power generation operations, respectively, according to ANEEL Ordinance 673/2019 and 1,273/2019, both with installed power capacity of 100 MW. The third and last generation unit has scheduled start up of commercial power generation for the second half of 2019.

Due to acts of God and force majeure, the plant delayed the start-up of its commercial generation, initially scheduled for January 2015. Copel GeT submitted an application to ANEEL to exclude its responsibility, so that the obligation to supply energy could be postponed, which was not accepted by the agency. Copel GeT filed a common lawsuit with the Court on December 18, 2017 applying for a preliminary injunction and requesting the reversal of the decision of the Agency. On April 6, 2018, the Federal Court of the 1st Region fully granted the preliminary injunction required by Copel Get in the Interlocutory Appeal to exempt it from any burden, charges or restrictions to the right arising from the delay in the implementation schedule of the Colíder HPP.

After the beginning of partial commercial generation, in March 2019, the plant met its commitments under the power sale agreement with own generation of 41.1 MW mean, out of 125 MW mean contracted. For prior periods, Copel GeT has complied with its commitments of energy supply as follows:

- From January 2015 to May 2016 - with energy surpluses not contracted in its other plants;
- In June 2016 - with partial reduction through a bilateral agreement;

- From July 2016 to December 2018, with reduction of all supply contracts of the CCEARs - Energy Trading Agreement in the Regulated Environment, through a bilateral agreement and participation in the New Energy and Decrease Clearing Facility (“Mecanismo de Compensação de Sobras e Déficits de Energia Nova - MCSD-EN”); and
- From January to March 2019, the firm contracts in the regulated environment became effective again, however, energy supply continued suspended in light of the injunction obtained by Management.

Since the trial on merits of the case is still outstanding, the contractual effects of both revenues and energy costs were recognized in profit or loss for the quarter for purposes of backing the outcome.

18.5 Joint operations - consortiums

The amounts recorded under property, plant and equipment referring to the share of interest of Copel GeT in consortiums are shown below:

Joint operations	Share Copel GeT (%)	Annual average depreciation rate (%)	03.31.2019	12.31.2018
HPP Gov. Jayme Canet Júnior (Mauá) - Consórcio Energético Cruzeiro do Sul	51.0			
In service			859,917	859,917
(-) Accumulated depreciation		3.43	(183,910)	(176,546)
In progress			22,738	22,738
			698,745	706,109
HPP Baixo Iguaçu (18.5.1)	30.0			
In service			723,271	-
(-) Accumulated depreciation			(1,971)	-
In progress			-	717,599
			721,300	717,599
			1,420,045	1,423,708

18.5.1 Consórcio Empreendedor Baixo Iguaçu - Cebi

Copel holds a 30% interest in Consórcio Empreendedor Baixo Iguaçu – Cebi. The purpose of the consortium is to build and operate the project known as Baixo Iguaçu Hydroelectric Plant, with installed capacity of 350.2 MW and physical guarantee of 171.3 MW mean located on the Iguaçu River between the municipalities of Capanema and Capitão Leônidas Marques, and between the Governador José Richa Hydroelectric Plant and the Iguaçu National Park, in the State of Paraná. The plant is now 100% in commercial operation, the start of commercial operation of units 1 and 2 occurred in February 2019, and unit 3 occurred in April 2019.

18.6 Cutia wind farm project

Cutia wind farm project, located in the State of Rio Grande do Norte, is divided into two large complexes:

- Cutia Complex: composed of seven wind farms (Guajiru, Jangada, Potiguar, Cutia, Maria Helena, Esperança do Nordeste and Paraíso do Ventos do Nordeste), with 180.6 MW of total installed capacity, and 71.4 MW-mean of assured power, All the wind farms are in commercial operation.

- Bento Miguel Complex: composed of six wind parks (São Bento do Norte I, São Bento do Norte II, São Bento do Norte III, São Miguel I, São Miguel II and São Miguel III) with total installed capacity of 132.3 MW and 58.7 MW-mean of assured power. All the wind farms are in commercial operation.

18.7 Estimated losses on impairment of generation segment assets

The projects with impairment balances recorded at March 31, 2019 are the following:

Consolidated	Property, Plant and Equipment			Value in use
	Cost	Depreciation	Impairment	
HPP Colíder	2,361,250	(8,338)	(731,265)	1,621,647
Wind power complex Cutia	1,249,053	(10,355)	(171,352)	1,067,346
Wind power complex Bento Miguel	868,402	(4,620)	(87,372)	776,410
Consórcio Tapajós (a)	14,464	-	(14,464)	-
Power plants in Paraná	981,171	(47,374)	(202,957)	730,840
	5,474,340	(70,687)	(1,207,410)	4,196,243

(a) Project under development

In the first quarter of 2019, the impairment changed as follows:

Consolidated	Balance as of January 1, 2019	Impairment	Balance as of March 31, 2019
In service			
UHE Colíder	-	(597,003)	(597,003)
Wind power complex Cutia	-	(148,512)	(148,512)
Wind power complex Bento Miguel	-	(73,655)	(73,655)
Power plants in Paraná	(3,489)	(112,756)	(116,245)
	(3,489)	(931,926)	(935,415)
In progress			
HPP Colíder	(731,265)	597,003	(134,262)
Wind power complex Cutia	(167,875)	145,035	(22,840)
Wind power complex Bento Miguel	(84,621)	70,904	(13,717)
Consórcio Tapajós	(14,464)	-	(14,464)
Power plants in Paraná	(199,468)	112,756	(86,712)
	(1,197,693)	925,698	(271,995)
	(1,201,182)	(6,228)	(1,207,410)

19 Intangible assets

Consolidated	03.31.2019	12.31.2018
Concession agreement - distribution of electricity (19.1)	5,454,375	5,390,063
Generation concession agreements/ authorization (19.2)	586,163	593,852
Concession agreement - piped gas distribution (19.3)	915	3,619
Others (19.4)	41,103	41,563
	6,082,556	6,029,097

19.1 Power distribution service concession

Consolidated	in service	in progress	Special liabilities		Total
			in service	in progress	
Balance as of January 1, 2019	8,212,792	-	(2,822,729)	-	5,390,063
Transfers from contract assets (Note 11.1)	177,084	-	(21,961)	-	155,123
Transfers to investments	(7)	-	-	-	(7)
Amortization of quotas - concession (a)	(112,769)	-	33,374	-	(79,395)
Amortization of quotas - PIS/Pasep and Cofins credits	(2,698)	-	-	-	(2,698)
Loss on disposal	(8,711)	-	-	-	(8,711)
Balance as of March 31, 2019	8,265,691	-	(2,811,316)	-	5,454,375

(a) Amortization during the concession as of the start of commercial operations of the enterprises or based on the useful life of the assets, of the two the shortest.

19.2 Generation concession agreements

Consolidated	Concession contract (a)		Concession and authorization rights	Total
	in service	in progress		
Balance as of January 1, 2019	226,411	-	367,441	593,852
Amortization of quotas - concession and authorization (b)	(4,258)	-	(3,431)	(7,689)
Balance as of March 31, 2019	222,153	-	364,010	586,163

(a) Includes the balances of use of public asset and hydrological risk renegotiation

(b) Amortization during the concession/authorization as of the start of commercial operations of the enterprises.

19.3 Piped gas distribution service concession

Balance as of January 1, 2019	3,619
Transfers to contract assets (Note 11.2)	(91)
Loss on disposal	(2,613)
Balance as of March 31, 2019	915

19.4 Other intangible assets

Consolidated	in service	in progress	Total
Balance as of January 1, 2019	25,630	15,933	41,563
Acquisitions	-	1,579	1,579
Transfers from property, plant and equipment	39	-	39
Capitalizations for intangible in service	1,241	(1,241)	-
Amortization of quotas (a)	(2,076)	-	(2,076)
Amortization of quotas - PIS/Pasep and Cofins credits	(2)	-	(2)
Balance as of March 31, 2019	24,832	16,271	41,103

(a) Annual amortization rate: 20%.

20 Payroll, Social Charges and Accruals

	Parent Company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Social security liabilities				
Taxes and social contribution	935	1,529	32,088	54,653
Social security charges on paid vacation and 13th salary	756	731	30,810	30,010
	1,691	2,260	62,898	84,663
Labor liabilities				
Payroll, net	-	-	60	1,308
Vacation and 13th salary	2,636	2,480	102,264	101,327
Provisions for profit sharing	1,138	863	120,953	91,526
Voluntary retirement program	398	1,144	2,425	5,349
Other liabilities	33	-	307	6
	4,205	4,487	226,009	199,516
	5,896	6,747	288,907	284,179

21 Accounts Payable to Suppliers

Consolidated	03.31.2019	12.31.2018
	Energy supplies	983,923
Materials and supplies	338,777	384,300
Natural gas for resale	88,770	95,478
Charges for use of grid system	167,905	169,629
	1,579,375	1,469,199
	Current	1,529,944
	Noncurrent	49,431
		1,419,243
		49,956

22 Borrowings

Contracts	Company	Issue Date	Number of installment	Final maturity	Annual rate p.y. (interest + commission)	Finance charges	Principal	Consolidated		
								03.31.2019	12.31.2018	
Foreign currency										
National Treasury Department - STN (Secretaria do Tesouro Nacional)										
(1) Par Bond	Copel	05.20.1998	1	04.11.2024	6.0% + 0.20%	Half-yearly	17,315	43,546	42,914	
(1) Discount Bond	Copel	05.20.1998	1	04.11.2024	2.375% + 0.20%	Half-yearly	12,082	63,161	61,837	
								106,707	104,751	
Total foreign currency										
Local currency										
Banco do Brasil										
(2) CCB 330.600.773	Copel DIS	07.11.2014	3	07.11.2019	111.8% of DI	Half-yearly	116,667	39,382	40,023	
(3) CFX 17/35959-7	Copel DIS	05.16.2017	2	05.06.2019	12.0%	Quarterly	75,000	-	37,973	
(4) CCB 21/00851-5	Copel DIS	06.30.2017	2	06.13.2019	11.0%	Quarterly	38,889	-	19,340	
(5) CCB 17/35960-0	Copel DIS	07.27.2017	2	07.17.2019	11.0%	Quarterly	50,333	-	51,473	
(6) CFX 17/35958-9	Copel DIS	08.15.2017	2	08.05.2019	11.0%	Quarterly	58,333	-	59,102	
(7) NCI 330.600.132	Copel HOL	02.28.2007	3	02.28.2019	107.8% of DI	Half-yearly	231,000	-	78,669	
(8) CCB 306.401.381	Copel HOL	06.21.2018	4	07.21.2021	120.0% of DI	Quarterly	640,005	642,242	641,530	
(9) NCI 306.401.445	Copel HOL	02.24.2017	2	02.15.2020	124.5% of DI	Half-yearly	77,000	38,215	78,435	
								719,839	1,006,545	
Eletrobras										
(10) 981/95	Copel DIS	12.22.1994	80	08.15.2019	8.0%	Quarterly	1,169	33	49	
(10) 982/95	Copel DIS	12.22.1994	80	11.15.2019	8.0%	Quarterly	1,283	18	24	
(10) 983/95	Copel DIS	12.22.1994	80	11.15.2020	8.0%	Quarterly	11	45	51	
(10) 984/95	Copel DIS	12.22.1994	80	11.15.2020	8.0%	Quarterly	14	19	22	
(10) 985/95	Copel DIS	12.22.1994	80	08.15.2021	8.0%	Quarterly	61	15	17	
(11) 206/07	Copel DIS	03.03.2008	120	08.30.2020	5.0% + 1.0%	Monthly	109,642	12,612	14,839	
(11) 273/09	Copel DIS	02.18.2010	120	12.30.2022	5.0% + 1.0%	Monthly	63,944	6,166	6,577	
								18,908	21,579	
Caixa Econômica Federal										
(11) 415.855-22/14	Copel DIS	03.31.2015	120	12.08.2026	6.0%	Monthly	16,984	14,849	15,298	
(12) 3153-352	Copel DIS	11.01.2016	36	12.15.2021	5.5 % above TJLP	Quarterly	1,156	456	496	
								15,305	15,794	
Finep										
(13) 21120105-00	Copel Tel	07.17.2012	81	10.15.2020	4.0%	Monthly	35,095	4,948	5,730	
(13) 21120105-00	Copel Tel	07.17.2012	81	10.15.2020	3.5% + TR	Monthly	17,103	4,182	4,842	
								9,130	10,572	
BNDES										
(14) 820989.1	Copel GeT	03.17.2009	179	01.15.2028	1.63% above TJLP	Monthly	169,500	104,667	107,326	
(15) 1120952.1-A	Copel GeT	12.16.2011	168	04.15.2026	1.82% above TJLP	Monthly	42,433	22,374	23,098	
(16) 1120952.1-B	Copel GeT	12.16.2011	168	04.15.2026	1.42% above TJLP	Monthly	2,290	1,207	1,246	
(17) 1220768.1	Copel GeT	09.28.2012	192	07.15.2029	1.36% above TJLP	Monthly	73,122	49,845	50,908	
(18) 13211061	Copel GeT	12.04.2013	192	10.15.2031	0% and 1.49% above TJLP	Monthly	1,041,155	843,570	841,871	
(19) 13210331	Copel GeT	12.03.2013	168	08.15.2028	1.49% and 1.89% above TJLP	Monthly	17,644	12,367	12,659	
(20) 15206041	Copel GeT	12.28.2015	168	06.15.2030	2.42% above TJLP	Monthly	34,265	23,531	23,984	
(21) 15205921	Copel GeT	12.28.2015	168	12.15.2029	2.32% above TJLP	Monthly	21,584	14,230	14,518	
(22) 18205101	Copel GeT	11.22.2018	192	06.15.2035	1.94% above TJLP	Monthly	194,000	162,191	158,659	
(23) 14205611-A	Copel DIS	12.15.2014	72	01.15.2021	2.09% above TJLP	Annual	41,583	12,749	14,450	
(23) 14205611-B	Copel DIS	12.15.2014	6	02.15.2021	2.09 above TR BNDES	Monthly	17,821	7,655	11,992	
(24) 14205611-C	Copel DIS	12.15.2014	113	06.15.2024	6.0%	Monthly	78,921	41,151	43,097	
(25) 14205611-D	Copel DIS	12.15.2014	57	02.15.2021	TJLP	Monthly	750	18	20	
(26) 14.2.1271.1	Santa Maria	06.01.2015	192	08.15.2031	1.66% above TJLP	Monthly	71,676	47,312	48,125	
(26) 14.2.1272.1	Santa Helena	06.01.2015	192	08.15.2031	1.66% above TJLP	Monthly	82,973	51,306	52,188	
(27) 11211521	GE Farol	03.19.2012	192	06.15.2030	2.34% above TJLP	Monthly	54,100	44,310	45,158	
(27) 11211531	GE Boa Vista	03.19.2012	192	06.15.2030	2.34% above TJLP	Monthly	40,050	32,759	33,385	
(27) 11211541	GE S.B. do Norte	03.19.2012	192	06.15.2030	2.34% above TJLP	Monthly	90,900	74,293	75,715	
(27) 11211551	GE Olho D'Água	03.19.2012	192	06.15.2030	2.34% above TJLP	Monthly	97,000	79,344	80,863	
(28) 18204611	Cutia	10.25.2018	192	07.15.2035	2.04% above TJLP	Monthly	619,405	516,910	505,368	
(29) 13212221 - A	Costa Oeste	12.03.2013	168	11.30.2028	1.95% + TJLP	Monthly	23,634	20,813	21,291	
(30) 13212221 - B	Costa Oeste	12.03.2013	106	09.30.2023	3.5%	Monthly	9,086	3,591	3,789	
(31) 14205851 - A	Marumbi	07.08.2014	168	06.30.2029	2.00% + TJLP	Monthly	33,460	26,563	27,134	
(32) 14205851 - B	Marumbi	07.08.2014	106	04.30.2024	6.00%	Monthly	21,577	11,513	12,076	
								2,204,269	2,208,920	
(33) Promissory notes	Copel GeT	05.12.2017	1	05.12.2019	117% of DI	Single installment	500,000	582,378	571,822	
								582,378	571,822	
Banco do Brasil										
BNDES Transfer										
(34) 21/02000-0	Copel GeT	04.16.2009	179	01.15.2028	2.13% above TJLP	Monthly	169,500	104,668	107,324	
								104,668	107,324	
Total local currency								3,654,497	3,942,556	
								3,761,204	4,047,307	
								Current	1,051,712	1,113,047
								Noncurrent	2,709,492	2,934,260

Allocation:

- (1) The restructuring of medium and long-term debt in connection with the financing received under Law No. 4,131/1962.
- (2) (3) (4) (5) (6) (7) (8) (9) Working capital.
- (10) National Program for Watering - Proni.
- (11) Rural Electricity Program - *Luz para Todos*.
- (12) Operation for the acquisition of machinery and/or equipment and IT and automation equipment.
- (13) BEL project - ultra wide band intranet service (Ultra Wide Band - UWB).
- (14) (34) Construction of the Mauá Hydroelectric Power Plant and its transmission system, in consortium with Eletrosul.
- (15) Implementation of transmission line between substations Foz do Iguaçu and Cascavel Oeste.
- (16) Purchase of machinery and equipment for implementation of the transmission line described above.
- (17) Implementation of Cavernoso II SHP.
- (18) Implementation of HPP Colíder and associated transmission system.
- (19) Implementation of the 230/138kV Cerquilha III Substation.
- (20) Implementation of transmission line Assis – Paraguaçu Paulista II.
- (21) Implementation of transmission lines Londrina – Figueira and Salto Osório – Foz do Chopim C2.
- (22) Implementation of HPP Baixo Iguaçu and associated transmission system.
- (23) Investment in preservation of businesses, improvements, operational support and general investments in expansion.
- (24) National machinery and equipment accredited by BNDES.
- (25) Implementation, expansion and consolidation of projects and Enterprises Social Investment Programs (ISE).
- (26) (27) (28) Construction and implementation of wind generating plant.
- (29) Implementation of Transmission Line 230 kV between SE Cascavel Oeste and SE Umuarama Sul and implementation of SE Umuarama Sul 230/138 kV.
- (30) Acquisition of domestic machinery and equipment for implementation of the aforementioned project.
- (31) Implementation of Transmission Line 525 kV between SE Curitiba Leste and implementation of SE Curitiba Leste 525/230 kV.
- (32) Acquisition of domestic machinery and equipment for implementation of the aforementioned project.
- (33) Payment of the first installment of debentures and cash enhancement of Copel Get.

Guarantees:

- (1) Company's centralized revenues account. Deposited Collateral (23.1).
- (2) (3) (4) (5) (6) (7) (8) (9) Credit assignment.
- (10) (11) Own revenue, supported by power of attorney granted by a public instrument, and the issue of promissory notes and commercial duplicates equal to the number of installments falling due.
- (12) Fiduciary assignment of trade notes.
- (13) Withhold the amounts from the checking account in which revenues are deposited.
- (14) (17) (34) Total revenue from the sale and/or transaction of CCEAR energy, related to the project, through Concession Agreement of Attachment of Revenues, Account Management and Other Covenants.
- (15) (16) Fiduciary assignment of rights under the Concession Agreement No. 027/2009-ANEEL, Transmission Service Provision Contract No. 09/2010-ONS and contracts for use of Transmission System, signed by the ONS, the Dealerships and the Transmission System users, including the total income from the provision of transmission services.
- (18) Fiduciary assignment of rights under the Concession Agreement No. 01/2011MME-HPP Colider and fiduciary assignment due to the Purchase and Sale of Electric Energy (CCVEE) between Copel and BRF - Brasil Foods S.A.
- (19) Fiduciary assignment of rights under the Public Service Concession Agreement for Electric Power Transmission No. 015/2010-ANEEL, signed between Copel and the Federal Government.
- (20) Assignment of credit rights deriving from Concession Agreement No. 002/2013 - ANEEL.
- (21) Assignment of credit rights deriving from Concession Agreement No. 022/2012 - ANEEL.
- (22) Fiduciary assignment, pursuant to paragraph 3 of article 66-B of Law 4,728, dated July 7, 1965, (i) of its share of the rights from the concession it holds as a result of the Concession Agreement of Use of Public Property for the generation of Electric Energy nº 02/2012-MME-UHE Baixo Iguaçu, of August 20, 2012.
- (23) (24) (25) Surety of Companhia Paranaense de Energia; fiduciary assignment of income and indemnity rights of the concession.
- (26) Guarantee from Companhia Paranaense de Energia; pledge of shares; assignment of credit rights deriving from Electricity Agreement Reservation No. 153/2011; assignment of revenues arising from the project.
- (27) Pledge of shares (GE Farol, GE Boa Vista, GE São Bento do Norte and GE Olho D'Água); assignment of receivables arising from the sale of electricity produced by the project; assignment of machinery and equipment assembled or built with the funds pegged to it.
- (28) Pledge of shares; assignment of fiduciary receivables.
- (29) (30) Fiduciary Assignment of the rights arising from the Concession Agreement 001/2012 and 100% of the shares seized in favor of the BNDES until the loan is discharged.
- (31) (32) Fiduciary Assignment of the rights arising from the Concession Agreement 008/2012 and 100% of the shares seized in favor of the BNDES until the loan is discharged.
- (33) Surety of Companhia Paranaense de Energia.

22.1 Collateral and escrow deposits - STN

These are guarantees provided in the form of cash deposits, Par Bonds of R\$53,034 (R\$52,717 at December 31, 2018) and Discount Bonds in the amount of R\$37,059 (R\$36,838 at December 31, 2018), to be used to repay amounts of principal corresponding to STN contracts, when these payments are due on April 11, 2024. The amounts are updated by applying the weighted average percentage changes of United States Treasury Zero Coupon bond prices, by the share of each series of the instrument in the portfolio of collateral for principal, provided in the context of the Brazilian Financing Plan enacted in 1992.

22.2 Breakdown of borrowings by currency and index

Consolidated		03.31.2019	%	12.31.2018	%
Foreign currency - change in currencies in the period (%)					
U.S. Dollar	0.60	106,707	2.84	104,751	2.59
		106,707	2.84	104,751	2.59
Local currency - accumulated index in the period (%)					
CDI	7.03	1,302,217	34.62	1,410,479	34.85
TJLP	6.40	2,245,483	59.72	2,245,786	55.49
TR	0.00	4,182	0.11	4,842	0.12
IPCA	1.51	7,655	0.20	11,992	0.30
Without indexer (annual fixed rate)	-	94,960	2.51	269,457	6.65
		3,654,497	97.16	3,942,556	97.41
		3,761,204	100.00	4,047,307	100.00

22.3 Maturity of non-current installments

03.31.2019	Parent Company			Consolidated		
	Foreign currency	Local currency	Total	Foreign currency	Local currency	Total
2020	-	158,145	158,145	-	314,834	314,834
2021	-	316,291	316,291	-	513,264	513,264
2022	-	-	-	-	192,431	192,431
2023	-	-	-	-	190,593	190,593
2024	104,269	-	104,269	104,269	184,615	288,884
After 2024	-	-	-	-	1,209,486	1,209,486
	104,269	474,436	578,705	104,269	2,605,223	2,709,492

22.4 Changes in borrowings

Parent Company			
	Foreign currency	Local currency	Total
Balance as of January 1, 2019	104,751	798,634	903,385
Charges	1,333	14,609	15,942
Monetary and exchange variations	623	-	623
Amortization - principal	-	(115,500)	(115,500)
Payment - charges	-	(17,286)	(17,286)
Balance as of March 31, 2019	106,707	680,457	787,164

Consolidated			
	Foreign currency	Local currency	Total
Balance as of January 1, 2019	104,751	3,942,556	4,047,307
Funding	-	16,103	16,103
Charges	1,333	72,598	73,931
Monetary and exchange variations	623	5,437	6,060
Amortization - principal	-	(327,933)	(327,933)
Payment - charges	-	(54,264)	(54,264)
Balance as of March 31, 2019	106,707	3,654,497	3,761,204

22.5 Covenants

The Company and its subsidiaries signed borrowings agreements containing covenants that require economic and financial ratios to be maintained within pre-determined parameters, requiring annual fulfillment and other conditions to be complied with, such as not changing the Company's interest in the capital stock of subsidiaries that would represent change of control without prior consent. Failing to fulfil these conditions may lead to accelerated debt repayment and/or fines.

As of December 31, 2018, the Company is in compliance with all covenants. As of March 31, 2019, Copel is in compliance with all other ratios and covenants.

The financial covenants contained in the borrowing's agreements are presented below:

Company	Contract	Annual financial index	Limit
Copel GeT	BNDES Finem nº 820989.1 - Mauá Banco do Brasil nº 21/02000-0 - Mauá	EBITDA / Net financial results	≥ 1.3
	3 rd issue of Promissory Notes	Consolidated net debt / Consolidated EBITDA	≤ 3.5
Copel DIS	BNDES Finem nº 14205611	Financial indebtedness / adjusted EBITDA	≤ 4.0
Santa Maria	BNDES Finem nº 14212711	Debt service coverage ratio	≥ 1.3
Santa Helena	BNDES Finem nº 14212721		
São Bento Energia, Investimento e Participações GE Boa Vista S.A. GE Farol S.A. GE Olho D'Água S.A. GE São Bento do Norte S.A.	BNDES Assignment Agreement	Debt service coverage ratio	≥ 1.3
	BNDES Finem nº 11211531		
	BNDES Finem nº 11211521		
	BNDES Finem nº 11211551		
Cutia	BNDES Finem nº 18204611	Debt service coverage ratio	≥ 1.2
Costa Oeste	BNDES Finem nº 13212221	Debt service coverage ratio	≥ 1,3
Marumbi	BNDES Finem nº 14205851	Debt service coverage ratio	≥ 1,3

Financing for businesses - Finem

23 Debentures

Issue	Company	Issue Date	Number of installment	Maturity		Annual rate p.y. (interest)	Principal	Consolidated		
				initial	final			03.31.2019	12.31.2018	
(1) 5 th	Copel	05.13.2014	3	05.13.2017	05.13.2019	111.5% of DI	1,000,000	341,956	336,139	
(2) 6 th	Copel	06.28.2017	1	-	06.28.2019	117.0% of DI	520,000	596,280	585,540	
(3) 7 th	Copel	01.19.2018	2	01.19.2020	01.19.2021	119.0% of DI	600,000	605,152	616,401	
(4) 1 st	Copel GeT	05.15.2015	3	05.15.2018	05.15.2020	113.0% of DI	1,000,000	707,477	695,328	
(5) 2 nd	Copel GeT	07.13.2016	2	07.13.2018	07.13.2019	121.0% of DI	1,000,000	525,681	514,993	
(6) 3 rd	Copel GeT	10.20.2017	3	10.20.2020	10.20.2022	126.0% of DI	1,000,000	1,023,803	1,003,715	
(7) 4 th	Copel GeT	07.23.2018	3	07.23.2021	07.23.2023	126.0% of DI	1,000,000	999,951	1,017,858	
(8) 5 th	Copel GeT	09.25.2018	5	09.15.2021	09.15.2025	IPCA + 7.6475%	290,000	286,147	286,199	
(9) 2 nd	Copel DIS	10.27.2016	2	10.27.2018	10.27.2019	124.0% of DI	500,000	256,389	250,943	
(10) 3 rd	Copel DIS	10.20.2017	2	10.20.2021	10.20.2022	126.0% of DI	500,000	512,634	502,640	
(11) 4 th	Copel DIS	09.27.2018	3	09.27.2021	09.27.2023	DI + spread 2.70%	1,000,000	984,831	1,003,524	
(12) 1 st	Copel TEL	10.15.2015	5	10.15.2020	10.15.2024	IPCA + 7.9633%	160,000	192,544	186,783	
(13) 2 nd	Copel TEL	07.15.2017	1	-	07.15.2022	IPCA + 5.4329%	220,000	231,967	232,131	
(14) 2 nd	(a)	03.24.2016	192	08.15.2016	07.15.2032	TJLP + 2.02%	147,575	126,241	128,243	
(15) 2 nd	(a)	03.24.2016	192	08.15.2016	07.15.2032	IPCA + 9.87%	153,258	139,045	140,043	
(16) 2 nd	Compagás	04.15.2016	54	07.15.2017	12.15.2021	TJLP/Selic + 2.17%	33,620	16,208	17,651	
								7,546,306	7,518,131	
								Current	2,504,504	2,184,881
								Noncurrent	5,041,802	5,333,250

(a) Nova Asa Branca I, Nova Asa Branca II, Nova Asa Branca III, Nova Eurus IV e Ventos de Santo Uriel.

Characteristics:

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) Simple debentures, single series, not convertible into shares, unsecured, for public distribution with restricted placement efforts, according to CVM No. 476.

(8) Simple debentures, single series, nonconvertible into shares, unsecured, for public distribution with restricted placement efforts, according to CVM Instruction 476.

(14) Simple debentures, 1st serie, issued privately and not convertible into shares.

(15) Simple debentures, 2nd serie, issued privately and not convertible into shares.

(16) Simple floating debentures, issued privately in a single series and not convertible into shares.

Finance charges:

(1) Half-yearly interest - May and November.

(2) Interest on the maturity of the agreement - June

(3) (7) (13) Half-yearly interest - January and July.

(4) Annual interest - May.

(5) Annual interest - July.

(6) (10) (12) Half-yearly interest - April and October.

(8) (11) Half-yearly interest - March and September.

(9) Annual interest - October.

(14) (15) Monthly interest.

(16) Quarterly interest - March, June, September and December.

Allocation:

(1) (2) (3) (4) (5) (6) (9) (10) Working capital or used to make investments in the issuer.

(7) Full early redemption of the 4th issue of the Company's trade promissory notes and partial payment of the 1st amortization installment of the 2nd issue of debentures.

(8) Reimbursement of expenses related to the Construction Project of the Transmission Lines in: Araraquara II - Taubaté, Assis - Londrina and Foz do Chopim.

(11) Working capital and payment of the 1st installment of amortization of the 2nd issue of debentures

(12) (13) Deployment, expansion and modernization of the telecommunication network.

(14) (15) Implementation of wind farms and associated transmission systems.

(16) Fund investment plan of the issuer.

Collaterals:

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (16) Personal guarantee

(14) (15) Real and personal guarantee and pledge of Copel Geração e Transmissão's shares.

(17) (18) Floating

Guarantor:

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) Copel.

(16) Compagás

Trustee:

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (16) Pentágono S.A. DTVM.

(14) (15) None.

(16) BNDES Participações S.A. - BNDESPAR.

23.1 Maturity of non-current installments

03.31.2019	Parent Company	Consolidated
2020	-	691,253
2021	298,202	1,633,942
2022	-	1,593,405
2023	-	786,245
2024	-	129,589
After 2024	-	207,368
	298,202	5,041,802

23.2 Changes in debentures

	Parent Company	Consolidated
Balance as of January 1, 2019	1,538,080	7,518,131
Charges and monetary variations	27,965	158,688
Amortization - principal	-	(6,422)
Payment - charges	(22,657)	(124,091)
Balance as of March 31, 2019	1,543,388	7,546,306

23.3 Covenants

Copel and its subsidiaries issued debentures containing covenants that require the maintenance of certain economic and financial ratios within pre-determined parameters, requiring annual fulfillment and other conditions to be complied with, such as not changing the Company's interest in the capital stock that would represent change of control without prior consent from the debenture holders; not paying out dividends or interest on capital if it is in arrears in relation to honoring any of its financial obligations or not maintaining the financial ratios as determined without prior written consent of the debenture holders. Failing to fulfill these conditions may lead to accelerated redemption of debentures and regulatory penalties.

As of December 31, 2018, subsidiaries Nova Asa Branca I Energias Renováveis S.A., Nova Asa Branca II Energias Renováveis S.A., Nova Asa Branca III Energias Renováveis S.A., Nova Eurus IV Energias Renováveis S.A. and Ventos de Santo Uriel did not comply with the Debt Service Coverage Ratio - ICSD of 1.3, when calculating the ratio without considering the amount of compensation to suppliers of goods (NE 32.6 – b to the financial statements at December 31, 2018). On December 28, 2018, the Company requested preventively and received a letter from BNDES, referring to AE/DEENE2 101/2018, not declaring accelerated maturity of the debentures in 2018. Except for the foregoing, as of December 31, 2018, the Company is in compliance with all covenants.

As of March 31, 2019, all the other ratios and covenants have been fulfilled.

The financial covenants contained in the debenture agreements are presented as follow:

Company	Contract	Annual financial index	Limit
Copel	5th issue of Debentures 6th issue of Debentures 7th issue of Debentures	Consolidated net debt / Consolidated EBITDA Debt service coverage ratio	≤ 3.5 ≥ 1.5
Copel GeT	1st issue of Debentures 2nd issue of Debentures 3rd issue of Debentures 4th issue of Debentures 5th issue of Debentures		
Copel DIS	2nd issue of Debentures 3rd issue of Debentures 4th issue of Debentures		
Copel TEL	1st issue of Debentures 2nd issue of Debentures		
Compagás	2nd issue of Debentures		
Nova Asa Branca I Nova Asa Branca II Nova Asa Branca III Nova Eurus IV	2nd issue of Debentures	Net debt/EBTIDA General Indebtedness	≤ 3.5 ≤ 0.7
		Debt service coverage ratio	≥ 1.3

24 Post-employment Benefits

The Company and its subsidiaries sponsor private retirement and pension plans (Unified Plan and Plan III) and Healthcare Plan for medical and dental care (“ProSaúde II” and “ProSaúde III” Plans) for their active employees and their dependents. The lifetime sponsorship of the Healthcare Plan for retirees, pensioners and legal dependents is only applied to “Prosaúde II” plan participants.

24.1 Pension plan

The Unified Plan is a Defined Benefit plan - BD in which the income is predetermined, according to each individual’s salary. This plan has been a closed plan for new participants since 1998.

The Plan III is a Variable Contribution plan – CV, being the only plan available for new participants.

The costs assumed by the sponsors for these plans are recognized according to the actuarial evaluation prepared annually by independent actuaries in accordance with CPC 33 (R1) - Employee Benefits, corresponding to IAS 19 and IFRIC 14. The economic and financial assumptions for purposes of the actuarial valuation are discussed with the independent actuaries and approved by the Parent company’s Management.

24.2 Healthcare Plan

The Company and its subsidiaries allocate resources for the coverage of healthcare expenses incurred by their employees and their dependents, within rules, limits and conditions set in “ProSaúde II” and “ProSaúde III” Plans’ regulations. Coverage includes periodic medical exams in both plans and is only extended to all retirees and pensioners for life in the “ProSaúde II” plan.

24.3 Balance sheet and statement of income

Amounts recognized in liabilities, under Post-employment benefits, are summarized below:

	Parent Company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Pension plans	2	7	927	1,149
Healthcare plans	5,071	4,947	977,415	967,614
	5,073	4,954	978,342	968,763
Current	123	87	61,243	58,478
Noncurrent	4,950	4,867	917,099	910,285

Amounts recognized in the statement of income are shown below:

	Parent Company		Consolidated	
	03.31.2019	03.31.2018	03.31.2019	03.31.2018
Employees				
Pension plans	129	143	18,244	19,062
Healthcare plan - post employment	152	140	24,898	24,297
Healthcare plan - active employees	226	207	21,765	22,272
(-) Transfers to construction in progress	-	-	(5,629)	(5,053)
	507	490	59,278	60,578
Management				
Pension plans	67	79	222	408
Healthcare plan	(6)	-	9	17
	61	79	231	425
	568	569	59,509	61,003

24.4 Changes in post-employment benefits

	Parent Company	Consolidated
Balance as of January 1, 2019	4,954	968,763
Appropriation of actuarial calculation	152	24,898
Appropriation of pension and healthcare contributions	1,504	32,868
Amortizations	(1,537)	(48,187)
Balance as of March 31, 2019	5,073	978,342

25 Sectorial Charges Due

Consolidated	03.31.2019	12.31.2018
Energy Development Account - CDE	50,695	73,549
Global Reversal Reserve - RGR	5,916	6,323
	56,611	79,872

26 Research and Development and Energy Efficiency

26.1 Balances recognized for investment in Research and Development (R&D) activities and the Energy Efficiency Program (EEP)

Consolidated	Amounts payable, before any related prepayments	Amounts payable to regulatory agencies	Other amounts payable	03.31.2019	12.31.2018
Research and Development - R&D					
National Fund for Scientific and Technological Development - FNDCT	-	5,257	-	5,257	4,725
MME	-	2,626	-	2,626	2,361
R&D	142,572	-	194,601	337,173	327,626
	142,572	7,883	194,601	345,056	334,712
Energy efficiency program - EEP					
National Program of Electricity Conservation - Procel	-	8,793	-	8,793	15,792
EEP	24,071	-	235,728	259,799	242,231
	24,071	8,793	235,728	268,592	258,023
	166,643	16,676	430,329	613,648	592,735
			Current	262,297	270,429
			Noncurrent	351,351	322,306

26.2 Changes in R&D and EEP balances

Consolidated	FNDCT	MME	R&D	Procel	EEP	Total
Balance as of January 1, 2019	4,725	2,361	327,626	15,792	242,231	592,735
Additions	7,995	3,998	7,996	2,297	9,189	31,475
Performance agreement	-	-	-	-	669	669
Selic interest rate (Note 33)	-	-	2,854	(531)	3,656	5,979
Payments	(7,463)	(3,733)	-	(5,642)	931	(15,907)
Concluded projects	-	-	(1,303)	-	-	(1,303)
Balance as of March 31, 2019	5,257	2,626	337,173	8,793	259,799	613,648

27 Accounts Payable Related to Concessions

Consolidated	Company	Grant	Signature	Closing	Discount Rate	Annual Adjustment	03.31.2019	12.31.2018
(1) HPP Mauá	Copel GeT	06.29.2007	07.03.2007	07.2042	5.65% p.y.	IPCA	16,773	16,709
(2) HPP Colider	Copel GeT	12.29.2010	01.17.2011	01.2046	7.74% p.y.	IPCA	24,010	23,864
(3) HPP Baixo Iguaçu	Copel GeT	07.19.2012	08.20.2012	01.2047	7.74% p.y.	IPCA	7,463	7,412
(4) HPP Derivação Rio Jordão	Copel GeT	07.11.2013	02.24.2014	02.2019	7.74% p.y.	IPCA	-	47
(5) HPP Fundação e HPP Santa Clara	Elejor	10.23.2001	10.25.2001	10.2036	11.00% p.y.	IGPM	545,062	536,131
							593,308	584,163
							Current 69,698	67,858
							Noncurrent 523,610	516,305

Discount rate applied to calculate present value

Real and net discount rate, compatible with the estimated long-term rate, not being linked to the expectation of return from the project

Payment to the federal government

Monthly installments equivalent to 1/12 of the annual adjusted payment, according to the concession contract .

27.1 Changes in accounts payable related to concessions

Balance as of January 1, 2019	584,163
Adjust to present value	(217)
Monetary variations	26,605
Payments	(17,243)
Balance as of March 31, 2019	593,308

28 Right-of-use asset and lease liability

With adoption of CPC 06 (R2)/IFRS 16, the Company recognized right-of-use asset and lease liability as follows:

28.1 Right-of-use asset

Consolidated	Initial adoption on January 1, 2019	Additions	Amortization	Balance as of March 31, 2019
Real estate	43,105	295	(4,051)	39,349
Vehicles	57,564	324	(3,511)	54,377
Equipment	2,997	1,230	(184)	4,043
	103,666	1,849	(7,746)	97,769

28.2 Lease liability

28.2.1 Changes in lease liability

Initial adoption on January 1, 2019	103,666
Additions	1,849
Charges	2,207
Amortization - principal	(6,952)
Payment - charges	(1,991)
Balance as of March 31, 2019	98,779

The discount rate as of March 31, 2019 is 9.10% p.a.

28.2.2 Maturity of non-current installments

2020	23,154
2021	18,917
2022	19,347
2023	5,440
2024	2,053
After 2024	542
	69,453

28.3 Commitments from leases and rentals

For leases of low value assets, such as computers, printers and mobile devices, short-term leases, as well as for leases of land for development of wind power generation projects, of which the payment is made based on variable remuneration, the amounts are recognized in the statement of income as operating costs and/or expenses (Note 33.6). The balance of commitments from leases and rentals is shown below:

Consolidated	Até 1 ano	1 a 5 anos	Mais de 5 anos	31.03.2019
Commitments from leases and rents	6,543	27,965	171,048	205,556

29 Other Accounts Payable

Consolidated	03.31.2019	12.31.2018
Customers (a)	52,398	70,713
Obligations to customers in gas sales operations	48,022	55,048
Public lighting rate collected	40,329	28,337
Fair value in the purchase and sale of power in the active market (Note 36.2.12)	34,719	11,007
Aneel Order No. 084/2017 provision	25,170	24,314
Investment acquisition	19,163	32,200
Financial offset for the use of water resources	16,436	20,820
Pledges in guarantee	9,552	10,026
Reimbursements to customer contributions	4,690	5,036
Other liabilities	52,060	51,523
	302,539	309,024
	Current	180,137
	Noncurrent	122,402
		192,070
		116,954

(a) Of the balance of Customers, R\$15,659 (R\$32,639 on 12.31.2018) refers to amounts transferred from the Federal Government to Copel, in accordance with ANEEL Directive Release No. 565/2018, for the reimbursement of consumers due to the exceeding amount collected from the Net Operating Revenue in the period from January 2010 to December 2012.

30 Provisions for Legal Claims and Contingent Liabilities

The Company and its subsidiaries are defendants in various judicial and administrative proceedings before different courts. Based on assessments made by the Company's legal counsel, Management makes provisions for legal claims in which losses are rated probable, thus meeting the criteria for recognition of provisioning described in Note 4.11 to the financial statements at December 31, 2018.

The Company's Management believes that it is not practicable to provide information regarding the expected timing of any cash outflows resulting from these lawsuits in which the Company and its subsidiaries are involved, due to the slow pace and unpredictability of Brazilian legal, tax and regulatory systems, and since final resolution of the proceedings for which a provision has been registered depends on the conclusions of court proceedings. Therefore, this information is not being provided.

30.1 Provision for legal claims

30.1.1 Changes in provision for legal claims rated as involving probable losses

Consolidated	Balances as of January 1, 2019	Income			Additions to assets	Discharges	Transfers/ Others	Balances as of March 31, 2019
		Provision for litigations		Construction cost				
		Additions	Reversals	Additions/(Rev.)				
Tax								
Cofins (a)	102,603	1,427	-	-	-	-	104,030	
Others (b)	54,494	342	(2,667)	-	-	2,696	54,838	
	157,097	1,769	(2,667)	-	-	(27)	158,868	
Labors (c)	612,782	43,668	(22)	-	-	(21,515)	634,913	
Employee benefits (d)	85,199	10,404	-	-	-	(3,007)	92,596	
Civil								
Civil and administrative claims (e)	492,934	22,341	(84)	-	-	(11,781)	503,410	
Easements (f)	118,147	181	(1,923)	(604)	97	(202)	115,696	
Expropriations and property (g)	116,401	85	(4,501)	1,114	(7,931)	(9)	105,159	
Customers (h)	5,209	115	-	-	-	9	5,333	
Environmental (i)	3,531	16	(49)	-	-	-	3,498	
	736,222	22,738	(6,557)	510	(7,834)	(11,983)	733,096	
Regulatory (j)	73,473	255	-	-	-	(1,046)	72,682	
	1,664,773	78,834	(9,246)	510	(7,834)	(37,578)	1,692,155	

Parent company	Balance as of January 1, 2019	Income		Discharges	Balance as of March 31, 2019
		Additions	Reversals		
Tax					
Cofins (a)	102,603	1,427	-	-	104,030
Others (b)	30,040	182	-	-	30,222
	132,643	1,609	-	-	134,252
Labor (c)	588	53	-	-	641
Civil (e)	142,773	2,111	-	-	144,884
Regulatory (j)	16,176	-	-	-	16,176
	292,180	3,773	-	-	295,953

30.1.2 Description of nature and/or details of the principal lawsuits

a) Contribution for Social Security Funding (COFINS)

Plaintiff: Federal Revenue of Brazil

Cofins payables and respective interest and fines from August 1995 to December 1996 due to the termination of a judicial decision that had recognized the Company's exemption from Cofins.

Current status: awaiting judgment.

b) Other tax provisions

Lawsuits relating to federal, state and municipal taxes, fees and other charges.

c) Labor

Labor claims comprise claims filed by employees and former employees of Copel and its subsidiaries in connection with the payment of overtime differences, hazardous working conditions, transfer bonuses, salary equality/reclassification and other matters, and also claims by former employees of contractors and third-parties (secondary responsibility) involving indemnity and other matters.

d) Employee benefits

Labor claims comprise claims filed by retired former employees of Copel and its wholly-owned subsidiaries against the Copel Foundation, which will have consequential impact on the Company and its wholly-owned subsidiaries, since additional contributions will be required.

e) Civil and administrative claims

Lawsuits involving billing, irregular procedures, administrative contracts and contractual fines, indemnity for accidents with the electric power network or vehicles.

The balance also contains amounts being discussed by arbitration under confidentiality, in the discovery phase, with no decision having been handed down to date.

The principal lawsuit is described below:

Plaintiff: Tradener Ltda.

Estimated amount: R\$132,047

Class lawsuit No. 588/2006 has already been rendered final and unappeasable, and the ruling recognized as valid the commissions payable by the Company to Tradener. In the civil public lawsuit No. 0000219-78.2003.8.16.0004, filed by the Prosecution Office, a decision has also been rendered ruling on the absence of irregularities in the electric power purchase agreement. Therefore, Tradener brought recovery lawsuits, seeking to receive its commissions. The appeal lodged by the Company has been dismissed. An application requesting clarification of decision has been filed. Awaiting judgment.

Current status: Case record 0005990.22.2012.8.16.0004 - the Company was ordered to pay the amount of R\$107,955, the restated amount by reference to the INPC/IBGE variation, from the maturity of the commissions, plus interest of 1% per month, as from the date of notification (October 31, 2012), as well as attorneys' fees. The Company filed an appeal against this decision, however, on November 8, 2016, by majority voting, the Court dismissed the appeal. Copel filed an application for Clarification of Ruling, which was partially granted for the ruling obscurity to be dispelled, although without changing the result of the appeal. Copel filed a Special Appeal, which was dismissed. Copel filed an appeal to the Higher Court of Justice, which is pending judgment.

f) Easements

Lawsuits are filed challenging expropriation when there is a difference between the amount determined by Copel for payment and the amount claimed by the property owner and/or when the owner's documentation supporting title to the property may not be registered (when probate proceedings are still in progress, properties have no registry number with the land registry, etc.).

Cases may also arise from intervention in third-party adverse possession, either as a confronter, or in case of a property where there are areas of easement of passage, in order to preserve the limits and boundaries of expropriated areas.

g) Expropriations and property

Lawsuits are filed challenging expropriation when there is a difference between the amount determined by Copel for payment and the amount claimed by the property owner and/or when the owner's documentation supporting title to the property may not be registered (in case probate proceedings are still in progress, properties have no registry number with the land registry, etc.).

Possessory lawsuits include those for repossession of property owned by the concession operator. Litigation arises when there is a need to repossess properties invaded or occupied by third parties in areas owned by the Company. Cases may also arise from intervention in third-party adverse possession, or owners or occupants of contiguous properties or even in cases of properties to preserve limits and boundaries of expropriated areas.

The main lawsuits are as follows:

Plaintiff: property owner

Estimated value: R\$40,470

Expropriation lawsuit for construction of electric substation discussing the indemnity amount.

Current status: lawsuit awaiting judgment at higher court.

Plaintiff: property owner

Estimated value: R\$9,459

Lawsuit for the expropriation of the area used for the reservoir of the Mauá Plant filed by Consórcio Energético Cruzeiro do Sul, in which Copel GeT participates with 51%, which discusses the indemnity amount of the property that is in a submerged part.

Current status: Higher court decision, motions to clarify were filed, which have not yet been judged. After judgment of the motions to clarify, a special appeal will be filed seeking to reverse the decision.

h) Consumers

Lawsuits seeking compensation for damages caused in household appliances, industrial and commercial machines, lawsuits claiming damages for pain and suffering caused by service interruption and lawsuits filed by industrial consumers challenging the lawfulness of the increase in electricity prices while Plano Cruzado (anti-inflation economic plan) was in effect and claiming reimbursement for the amounts paid by the Company.

i) Environmental

Class lawsuits whose purpose is to obstruct the progress of environmental licensing for new projects or to recover permanent preservation areas located around the hydroelectric power plant dams unlawfully used by private individuals. If the outcome of the lawsuits is unfavorable to the Company, Management estimates only the cost to prepare new environmental studies and to recover the areas owned by Copel GeT. They also include the Commitment Agreements (TAC), which refer to the commitments agreed-upon and approved between the Company and the relevant bodies for noncompliance with any condition provided for by the Installation and Operating Licenses.

j) Regulatory

The Company is challenging, both at the administrative and judicial levels, notifications issued by the Regulatory Agency of alleged violations against regulations. The principal action is described below:

Plaintiffs: Companhia Estadual de Energia Elétrica - CEEE and Dona Francisca Energética S.A.

Estimated amount: R\$53,120

Copel, Copel GeT and Copel DIS are challenging lawsuits filed against ANEEL's Decision 288/2002 involving these companies.

Current status: awaiting judgment.

30.2 Contingent liabilities

30.2.1 Classification of lawsuits rated as possible losses

Contingent liabilities are present obligations arising from past events for which no provisions are recognized because it is not probable that an outflow of resources embodying economic benefits will be required to settle the obligation. The following information concerns the nature of contingent liabilities of the Company and its subsidiaries and potential losses arising therefrom:

	Parent company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Tax (a)	162,466	160,139	581,707	568,512
Labor (b)	520	561	308,074	311,777
Employee benefits (c)	-	-	19,926	19,099
Civil (d)	478,428	473,430	1,323,314	1,286,466
Regulatory (e)	-	-	849,770	866,836
	641,414	634,130	3,082,791	3,052,690

30.2.2 Description of nature and/or details of the principal lawsuits

a) Tax

Lawsuits relating to federal, state and municipal taxes, fees and other charges in which the Company challenges their applicability, calculation bases and amounts due to be collected. The main lawsuits are as follows:

Plaintiff: National Institute of Social Security (INSS) **Estimated amount:** R\$106,420

Tax requirements related to the social security contribution.

Current status: awaiting judgment in the Administrative Council of Tax Appeals - CARF.

Plaintiff: State Tax Authority (SEFAZ) **Estimated amount:** R\$80,837

Copel Distribution received tax deficiency notice 6.587.156-4 from the State of Paraná for allegedly failing to pay ICMS (VAT) tax on the 'metered demand' line in the electricity bills issued to a major consumer between May 2011 and December 2013.

The Company maintains its illegitimacy to appear in the taxable position of this tax assessment, since it was not included in the judicial proceeding, thus it cannot suffer the effects of the ruling rendered thereon, which would entail its illegitimacy to appear as liable taxpayer in tax deficiency notice 6.587.156-4.

Plaintiff: Copel **Estimated amount:** R\$79,422

Tax Requirement on Urban Territorial Property - IPTU on properties affected by the public electricity service. The case is pending judgment at first instance.

Plaintiff: City **Estimated amount:** R\$57,547

City halls tax requirement as ISS on construction services provided by third parties.

Current status: awaiting the decision on the appeal.

Plaintiff: Brazilian Federal Revenue Office **Estimated amount:** R\$109,630

Requirement and administrative questioning related to federal taxes, mostly still pending management review.

b) Labor

Labor claims comprise claims filed by employees and former employees of Copel and its subsidiaries in connection with the payment of overtime differences, hazardous working conditions, transfer bonuses, salary equality/reclassification, and other matters, and also claims by former employees of contractors and third-parties (secondary responsibility) involving indemnity and other matters.

c) Employee benefits

Labor claims comprise claims filed by retired former employees of the Company and its wholly-owned subsidiaries against the Copel Foundation, which will have consequential impact on the Company and its wholly-owned subsidiaries, since additional contributions will be required.

d) Civil

Lawsuits involving billing, irregular procedures, administrative contracts and contractual fines, indemnity for accidents with the electric power network or vehicles, easements of passage, expropriations, patrimonial and environmental.

The balance also contains amounts being discussed by arbitration under confidentiality, in the discovery phase, with no decision having been handed down to date.

The main lawsuits are as follows:

Plaintiff: Mineradora Tibagiana Ltda. **Estimated amount:** R\$177,066

Lawsuit claiming compensation for alleged losses when this mining company was involved in the construction of the Mauá plant by the Energético Cruzeiro do Sul consortium in which Copel GeT has a 51% stake. The action challenges the validity of the mining permit granted by Mineradora Tibagiana for the Mauá job site and the indemnifying effects arising therefrom.

Current status: action awaiting judgment by lower court.

Plaintiffs: franchises of the Agency/Copel store **Estimated amount:** R\$46,031

Filing of two individual claims against Copel Distribuição regarding the franchise contracts of the Agency/Copel store, with the main petition claiming an extension of the term of the contract and a secondary petition to recognize the existence of a sub concession, with transfer of the services provided and full pass-through of the fees, amongst other amounts, with related appeals currently awaiting trial.

Current status: awaiting judgment.

Plaintiff: Copel Distribuição **Estimated amount:** R\$78,785

The Department of Roads and Roadworks - DER issued a tax assessment notice to Copel Distribuição, as a consequence, the Company filed a lawsuit challenging DER's Charge for Use or Occupancy of Highway Domain Range, since the Company understands that this charge is unconstitutional because it has a confiscatory nature. Currently, the process awaits decision on the production of expert evidence.

e) Regulatory

The Company is challenging, both at the administrative and judicial levels, notifications issued by the Regulatory Agency of alleged violations against regulations. The principal action is described below:

Plaintiff: Energia Sustentável do Brasil S.A. - ESBR

Estimated amount: R\$729,609

ESBR filed Ordinary Lawsuit No. 10426-71.2013.4.01.4100 against ANEEL in the federal courts of Rondônia, the decision on which: (i) excludes liability for the 535-day schedule overrun in the construction of the Jirau Hydropower Station; (ii) declares any obligations, penalties and costs imposed on ESBR as a result of the schedule overrun to be unenforceable, and (iii) annuls ANEEL Resolution 1,732/2013, which recognized a schedule overrun of only 52 days. An appeal has been brought by ANEEL, pending judgment by the TRF of the 1st Region.

The practical outcome of the decision is that, by exempting ESBR, it exposed the distribution utilities with which it had concluded regulated power trading contracts (CCEARs), including Copel DIS, to the spot market and spot prices during the period. The reason is that electricity trading rules require that all electricity consumed be covered by a contract.

If the lawsuits are judged unfavorably against Copel, the amount will be classified as Sectorial Financial Asset to be recovered through tariff rates.

Current status: awaiting judgment.

31 Equity

31.1 Capital

The paid-in share capital is R\$7,910,000. The different classes of shares (with no par value) and the main shareholders are detailed below:

Shareholders	Number of shares in units							
	Common		Class "A" Preferred		Class "B" preferred		Total	
	in share	%	in share	%	in share	%	in share	%
State of Paraná	85,028,598	58.63	-	-	-	-	85,028,598	31.07
BNDES	38,298,775	26.41	-	-	27,282,006	21.26	65,580,781	23.96
Eletrobrás	1,530,774	1.06	-	-	-	-	1,530,774	0.56
Free float:	-	-	-	-	-	-	-	-
B3	19,427,671	13.40	76,763	23.36	68,880,245	53.69	88,384,679	32.32
NYSE	408,471	0.28	-	-	31,880,804	24.85	32,289,275	11.80
Latibex	-	-	-	-	203,701	0.16	203,701	0.07
Municipalities	178,393	0.12	9,326	2.84	3,471	-	191,190	0.07
Other shareholders	158,398	0.10	242,538	73.80	45,441	0.04	446,377	0.15
	145,031,080	100.00	328,627	100.00	128,295,668	100.00	273,655,375	100.00

31.2 Equity valuation adjustments

	Parent company	Consolidated
Balance as of January 1, 2019	785,610	785,610
Realization of equity evaluation adjustment		
Deemed cost of fixed assets	-	(24,976)
Taxes on adjustments	-	8,492
Deemed cost of fixed assets - equity in the parent company, net of taxes.	(16,484)	-
Balance as of March 31, 2019	769,126	769,126

31.3 Earnings per share – basic and diluted

Parent company	03.31.2019	03.31.2018 Restated
Basic and diluted numerator		
Basic and diluted earnings allocated by classes of shares, allocated to controlling shareholders:		
Common shares	252,076	176,432
Class "A" preferred shares	628	440
Class "B" preferred shares	245,287	171,680
	497,991	348,552
Basic and diluted denominator		
Weighted average of shares (in thousands):		
Common shares	145,031,080	145,031,080
Class "A" preferred shares	328,627	328,627
Class "B" preferred shares	128,295,668	128,295,668
	273,655,375	273,655,375
Basic and diluted earnings per share attributable to shareholders of parent company		
Common shares	1.73808	1.21651
Class "A" preferred shares	1.91189	1.33816
Class "B" preferred shares	1.91189	1.33816

32 Net Operating Revenue

Consolidated	Gross revenues	PIS/Pasep and Cofins	ICMS (VAT)	Sectorial charges (32.2)	Service tax (ISSQN)	Net revenues 03.31.2019
Electricity sales to final customers	2,708,512	(249,835)	(619,681)	(207,971)	-	1,631,025
Residential	903,043	(83,566)	(252,255)	(77,032)	-	490,190
Industrial	706,082	(64,532)	(112,974)	(36,714)	-	491,862
Trade, services and other activities	605,415	(56,025)	(175,629)	(51,588)	-	322,173
Rural	267,488	(24,753)	(18,445)	(23,293)	-	200,997
Public entities	67,452	(6,242)	(13,742)	(5,797)	-	41,671
Public lighting	64,586	(5,977)	(18,517)	(5,505)	-	34,587
Public service	94,446	(8,740)	(28,119)	(8,042)	-	49,545
Electricity sales to distributors	755,048	(81,884)	-	(13,005)	-	660,159
Bilateral contracts	410,307	(51,681)	-	(7,462)	-	351,164
Electric Energy Trade Chamber - CCEE	126,861	(4,673)	-	(2,307)	-	119,881
CCEAR (auction)	177,920	(22,410)	-	(3,236)	-	152,274
Interest (Note 10.3)	25,540	-	-	-	-	25,540
Quota system	14,420	(3,120)	-	-	-	11,300
Use of the main distribution and transmission grid	2,012,353	(188,507)	(488,624)	(286,895)	-	1,048,327
Residential	660,520	(64,496)	(189,089)	(102,648)	-	304,287
Industrial	369,963	(29,036)	(124,003)	(45,773)	-	171,151
Trade, services and other activities	371,235	(35,070)	(131,374)	(55,491)	-	149,300
Rural	116,366	(11,308)	(8,386)	(18,277)	-	78,395
Public entities	50,027	(4,885)	(10,003)	(7,823)	-	27,316
Public lighting	48,723	(4,758)	(14,113)	(7,570)	-	22,282
Public service	40,196	(3,925)	(11,656)	(6,245)	-	18,370
Free consumers	231,529	(22,608)	-	(36,732)	-	172,189
Basic network, BN connections, and connection grid	315	(31)	-	(50)	-	234
Operating and maintenance income - O&M	15,901	(4,732)	-	(2,379)	-	8,790
Interest income	107,578	(7,658)	-	(3,907)	-	96,013
Construction income	289,651	-	-	-	-	289,651
Fair value of assets from the indemnity for the concession	13,624	-	-	-	-	13,624
Telecommunications	143,064	(5,550)	(34,028)	-	(139)	103,347
Distribution of piped gas	224,372	(21,000)	(37,960)	-	-	165,412
Sectorial financial assets and liabilities result	(70,808)	3,301	-	-	-	(67,507)
Other operating revenue	60,996	(7,985)	-	-	(1,043)	51,968
Leasing and rent (32.1)	34,244	(4,483)	-	-	-	29,761
Income from rendering of services	19,113	(2,502)	-	-	(1,043)	15,568
Charged service	3,924	(514)	-	-	-	3,410
Other income	3,715	(486)	-	-	-	3,229
	6,136,812	(551,460)	(1,180,293)	(507,871)	(1,182)	3,896,006

CCEAR - Agreements for Power Trade on the Regulated Market

Consolidated	Gross revenues	PIS/Pasep and Cofins	ICMS (VAT)	Sectorial charges (32.2)	Service tax (ISSQN)	Net revenues 03.31.2018
Electricity sales to final customers	2,243,611	(206,979)	(520,819)	(196,955)	-	1,318,858
Residential	721,132	(66,732)	(202,406)	(70,498)	-	381,496
Industrial	624,122	(57,113)	(104,700)	(38,233)	-	424,076
Trade, services and other activities	492,095	(45,538)	(145,451)	(48,032)	-	253,074
Rural	220,055	(20,364)	(17,760)	(21,970)	-	159,961
Public entities	52,223	(4,833)	(10,825)	(5,145)	-	31,420
Public lighting	54,486	(5,042)	(15,820)	(5,321)	-	28,303
Public service	79,498	(7,357)	(23,857)	(7,756)	-	40,528
Electricity sales to distributors	696,668	(65,428)	-	(13,672)	-	617,568
Bilateral contracts	392,248	(46,341)	-	(8,097)	-	337,810
Electric Energy Trade Chamber - CCEE	183,731	(5,897)	-	(3,792)	-	174,042
CCEAR (auction)	86,396	(10,207)	-	(1,783)	-	74,406
Interest (Note 10.3)	20,624	-	-	-	-	20,624
Quota system	13,669	(2,983)	-	-	-	10,686
Use of the main distribution and transmission grid	1,599,507	(156,531)	(389,318)	(288,249)	-	765,409
Residential	527,780	(51,297)	(151,189)	(103,316)	-	221,978
Industrial	298,424	(23,732)	(97,135)	(47,501)	-	130,056
Trade, services and other activities	303,620	(28,724)	(104,195)	(57,640)	-	113,061
Rural	98,432	(9,531)	(7,339)	(19,422)	-	62,140
Public entities	39,836	(3,872)	(7,833)	(7,837)	-	20,294
Public lighting	41,618	(4,045)	(12,074)	(8,145)	-	17,354
Public service	32,949	(3,202)	(9,553)	(6,449)	-	13,745
Free consumers	171,848	(16,703)	-	(34,177)	-	120,968
Basic network, BN connections, and connection grid	348	(34)	-	(70)	-	244
Operating and maintenance income - O&M	20,194	(9,165)	-	(2,199)	-	8,830
Interest income	64,458	(6,226)	-	(1,493)	-	56,739
Construction income	198,598	-	-	-	-	198,598
Fair value of assets from the indemnity for the concession	9,568	-	-	-	-	9,568
Telecommunications	120,529	(4,518)	(28,792)	-	(655)	86,564
Distribution of piped gas	153,964	(14,474)	(26,319)	-	-	113,171
Sectorial financial assets and liabilities result	221,945	(18,476)	-	-	-	203,469
Other operating revenue	43,444	(7,375)	-	-	(593)	35,476
Leasing and rent (32.1)	29,204	(4,958)	-	-	-	24,246
Income from rendering of services	7,538	(1,280)	-	-	(593)	5,665
Charged service	4,697	(797)	-	-	-	3,900
Other income	2,005	(340)	-	-	-	1,665
	5,287,834	(473,781)	(965,248)	(498,876)	(1,248)	3,348,681

32.1 Leases and rentals

32.1.1 Revenues from leases and rentals

Consolidated	03.31.2019	03.31.2018
Equipment and framework	33,941	28,887
Facilities sharing	260	249
Real estate	43	68
	34,244	29,204

32.1.2 Receivables from leases

Consolidated	Less than 1 year	1 to 5 years	Over 5 years	Total 03.31.2019
Facilities sharing	1,142	5,710	16,525	23,377

32.2 Regulatory charges

Consolidated	03.31.2019	03.31.2018
Energy Development Account - "CDE" - Power distribution service concession (32.2.1)	458,681	451,667
Other charges - rate flags	169	3,059
Research and development and energy efficiency - R&D and EEP	31,475	29,186
Global Reversion Reserve - RGR quota	12,333	11,334
Energy Development Account - "CDE" - Power transmission concession	2,624	1,163
Inspection fee	2,589	2,467
	507,871	498,876

32.2.1 Energy Development Account – CDE

The CDE was created by Law 10,438/2002, amended by Law 12,783/2013 and, in order to meet its objectives, it has among its sources of funds, quotas paid by agents that negotiate energy with end consumers, in tariffs.

The Company makes payments for the "CDE USO" charge, intended to cover the CDE's objectives set forth by law, and the annual quota of "CDE ENERGIA", composed of CONTA - ACR and CDE ENERGIA. In accordance with Resolution 2,510/2018, payment of the CDE ENERGIA quota has no longer been required since March 2019.

The annual quotas for each distributor are defined by ANEEL through resolutions enacted by it. The balance at March 31, 2019 is as follows:

Resolutions	Period	03.31.2019
CDE USO		
Resolution No. 2,510/2018	January to March	270,765
		270,765
CONTA ACR		
Resolution No. 2,231/2017	January to March	148,087
		148,087
CDE ENERGIA		
Resolution No. 2,510/2018	January to March	41,431
(-) Preliminary injunctions	January to March	(1,602)
		39,829
		458,681

Preliminary injunctions

As a result of preliminary injunctions in favor of the Brazilian Association of Large Industrial Consumers and Free Consumers - Abrace, and of the National Association of Energy Consumers - Anace and other associates, which challenge at court the tariff components of CDE-Use and CDE-Electricity, ANEEL, through Resolutions 1,967/2015, 1,986/2015 and 2,083/2016, ratified the tariff calculation, deducting these charges from associates of those entities, as long as the preliminary injunctions granted in Judicial Proceedings are not overthrown.

By Decree 1,576/2016, the associated distributors are assured of the right of non-transfer, deducting from the portion of CDE-Use and CDE-Electricity the amounts not collected. The unbilled amounts resulting from these injunctions do not impact the distributor's result.

32.3 Copel DIS annual tariff adjustment

ANEEL's Resolution 2,402 of June 19, 2018, approved the result of Copel DIS Annual Tariff Review and authorized a 15.99% (5.85% in 2017) average rate increase to consumers, consisting of: 6.52% related to the inclusion of financial components; 0.31% from updating Portion B; 7.49% from adjusting Portion A; and 1.67% reflecting the withdrawal of the financial components from the previous tariff process.

This adjustment was fully applied to Copel DIS tariffs as from June 24, 2018.

33 Operating Costs and Expenses

Consolidated	Operational costs	Selling expenses	General and administrative expenses	Other operating expenses, net	03.31.2019
Electricity purchased for resale (33.1)	(1,409,726)	-	-	-	(1,409,726)
Charge of the main distribution and transmission grid	(295,241)	-	-	-	(295,241)
Personnel and management (33.2)	(204,964)	(3,592)	(76,029)	-	(284,585)
Pension and healthcare plans (Note 24.3)	(42,609)	(513)	(16,387)	-	(59,509)
Materials and supplies	(15,738)	(83)	(1,839)	-	(17,660)
Materials and supplies for power electricity	(768)	-	-	-	(768)
Natural gas and supplies for gas business	(134,129)	-	-	-	(134,129)
Third-party services (33.3)	(97,568)	(6,584)	(35,046)	-	(139,198)
Depreciation and amortization	(207,918)	(3)	(11,329)	(3,522)	(222,772)
Credit losses, provisions and reversals (33.4)	(5,362)	(29,828)	-	(67,347)	(102,537)
Construction cost (33.5)	(266,097)	-	-	-	(266,097)
Other operating costs and expenses, net (33.6)	(50,615)	(6,077)	(32,652)	(21,453)	(110,797)
	(2,730,735)	(46,680)	(173,282)	(92,322)	(3,043,019)

Consolidated	Operational costs	Selling expenses	General and administrative expenses	Other operating expenses, net	03.31.2018
Electricity purchased for resale (33.1)	(1,190,436)	-	-	-	(1,190,436)
Charge of the main distribution and transmission grid	(314,472)	-	-	-	(314,472)
Personnel and management (33.2)	(282,652)	(5,788)	(101,870)	-	(390,310)
Pension and healthcare plans (Note 24.3)	(44,427)	(622)	(15,954)	-	(61,003)
Materials and supplies	(15,876)	(140)	(2,995)	-	(19,011)
Materials and supplies for power electricity	(8,693)	-	-	-	(8,693)
Natural gas and supplies for gas business	(77,421)	-	-	-	(77,421)
Third-party services (33.3)	(94,263)	(4,700)	(34,240)	-	(133,203)
Depreciation and amortization	(167,778)	(4)	(6,052)	(3,376)	(177,210)
Credit losses, provisions and reversals (33.4)	(2,899)	(26,830)	-	(86,312)	(116,041)
Construction cost (33.5)	(209,971)	-	-	-	(209,971)
Other operating costs and expenses, net (33.6)	(51,308)	(4,757)	(37,257)	4,494	(88,828)
	(2,460,196)	(42,841)	(198,368)	(85,194)	(2,786,599)

Parent company	General and administrative expenses	Other operacional income (expenses), net	03.31.2019
Personnel and management (33.2)	(3,866)	-	(3,866)
Pension and healthcare plans (Note 24.3)	(568)	-	(568)
Materials and supplies	(62)	-	(62)
Third party services	(2,833)	-	(2,833)
Depreciation and amortization	(374)	(281)	(655)
Credit losses, provisions and reversals (33.4)	-	(2,445)	(2,445)
Other operating income (expenses)	(2,509)	1,847	(662)
	(10,212)	(879)	(11,091)

Parent company	General and administrative expenses	Other operacional income (expenses), net	03.31.2018
Personnel and management (33.2)	(8,175)	-	(8,175)
Pension and healthcare plans (Note 24.3)	(569)	-	(569)
Materials and supplies	(119)	-	(119)
Third party services	(3,654)	-	(3,654)
Depreciation and amortization	(24)	(280)	(304)
Credit losses, provisions and reversals (33.4)	-	18,342	18,342
Other operating income (expenses) (a)	(11,736)	26,472	14,736
	(24,277)	44,534	20,257

(a) From the balance of R\$37,721 in the column of Other operacional income (expenses), net, R\$25,129 refers to recognition of tax credit, according to note 34.1.

33.1 Electricity purchased for resale

Consolidated	03.31.2019	03.31.2018
Purchase of Energy in the Regulated Environment - CCEAR	730,861	628,374
Electric Energy Trade Chamber - CCEE	263,264	190,709
Itaipu Binacional	309,254	271,447
Bilateral contracts	172,335	156,805
Program for incentive to alternative energy sources - Proinfa	66,889	56,942
Micro and mini generators and repurchase of customers	5,904	1,428
(-) PIS/Pasep/Cofins taxes on electricity purchased for resale	(138,781)	(115,269)
	1,409,726	1,190,436

33.2 Personnel and management

	Parent company		Consolidated	
	03.31.2019	03.31.2018	03.31.2019	03.31.2018
Personnel				
Salaries and management fees	1,213	1,317	163,533	176,139
Social charges on payroll	423	481	59,104	63,363
Meal and education allowance	297	269	28,138	27,909
Provisions for profit sharing (a)	276	222	28,142	24,416
Voluntary retirement program	-	4,418	-	91,152
	2,209	6,707	278,917	382,979
Management				
Salaries and management fees	1,235	1,161	3,865	5,818
Social charges on payroll	400	277	1,742	1,444
Other expenses	22	30	61	69
	1,657	1,468	5,668	7,331
	3,866	8,175	284,585	390,310

(a) According to Federal Law No. 10,101/2000, State Decree No. 1,978/2007 and State Law No. 16,560/2010.

33.3 Third party services

Consolidated	03.31.2019	03.31.2018
Maintenance of electrical system	37,682	34,439
Communication, processing and transmission of data	33,160	25,076
Maintenance of facilities	24,701	22,024
Meter reading and bill delivery	11,168	11,706
Consulting and audit	3,482	11,784
Consumer service	8,111	7,920
Other services	20,894	20,254
	139,198	133,203

33.4 Credit losses, provisions and reversals

	Parent company		Consolidated	
	03.31.2019	03.31.2018	03.31.2019	03.31.2018
Provision for litigations	2,445	(18,344)	68,250	82,463
Impairment of assets				
Accounts receivable related to the concession compensation (Note 10.5)	-	-	(866)	(2,141)
Property, plant and equipment (Note 18.7)	-	-	6,228	5,040
Expected credit losses (Trade accounts and Other current receivables)	-	-	29,828	26,830
Tax credits estimated losses	-	-	(903)	3,847
Provision for negative equity in investees	-	2	-	2
	2,445	(18,342)	102,537	116,041

33.5 Construction costs

Consolidated	03.31.2019	03.31.2018
Materials and supplies	154,627	84,345
Third party services	76,167	90,935
Personnel	30,935	32,007
Others	4,368	2,684
	266,097	209,971

33.6 Other operating costs and expenses, net

Consolidated	03.31.2019	03.31.2018
Losses in the decommissioning and disposal of assets	29,847	14,727
Financial offset for the use of water resources	27,312	33,005
Taxes	23,801	22,627
Compensation	20,328	10,140
Leasing and rent	3,672	9,217
Advertising and publicity	3,349	5,810
Other net income, costs and expenses	2,488	(6,698)
	110,797	88,828

34 Financial Results

	Parent company		Consolidated	
	03.31.2019	03.31.2018	03.31.2019	03.31.2018
Financial income				
Arrears charges on bills	-	-	62,017	54,275
Interest and monetary variation of CRC transfer (Note 8.1)	56,752	43,405	56,752	43,405
Return on financial investments	5,795	6,131	32,351	24,420
Remuneration of net sectorial assets and liabilities (Note 9.2)	-	-	13,325	8,947
Monetary variation over the Itaipu power purchase	-	-	12,889	3,562
Monetary variation and adjust to present value of accounts payable related to the concession (Note 27.1)	-	-	368	-
Recognition of tax credit (34.1)	-	55,096	-	55,096
Other financial income	38	3,759	28,942	15,690
	62,585	108,391	206,644	205,395
(-) Financial expenses				
Monetary and exchange variation and debt charges	42,574	48,915	242,742	212,965
Monetary variation and adjust to present value of accounts payable related to the concession (Note 27.1)	-	-	26,756	21,525
Monetary variation over the Itaipu power purchase	-	-	5,854	2,064
Interest on R&D and EEP (Note 26.2)	-	-	5,979	6,107
Remuneration of net sectorial assets and liabilities (Note 9.2)	-	-	1,461	10,763
Other financial expenses	1,328	(1,910)	22,065	21,638
	43,902	47,005	304,857	275,062
Net	18,683	61,386	(98,213)	(69,667)

34.1 Recognition of tax credit

On February 14, 2018, the Federal Revenue of Brazil recognized tax credit for the restated amount of R\$80,225 in favor of the Company, regarding the disputed tax levy on Pasep from July 1988 to July 1995, in connection with the effects of Federal Senate Resolution 49, of October 9, 1995, which suspended the effects of Decree-Laws 2,445/1988 and 2,449/1988, deemed to be unconstitutional by the Federal Supreme Court. From the total amount recognized, R\$55,096 were recorded in financial income and R\$25,129 in other operating income.

35 Operating Segments

Operating segments are business activities that generate revenues and incur expenses, whose operating results are regularly reviewed by the executive boards of the Parent Company and subsidiaries and by key strategic decision-makers responsible for allocating funds and assessing performance.

35.1 Products and services from which we generate revenues from the reportable segments

The Company operates in reportable segments identified by Management, through the chief officers of each business area, taking into consideration the regulatory environments, the strategic business units and the different products and services. These segments are managed separately, since each business and each company requires different technologies and strategies.

In the first quarter of 2019, all sales have been to customers within the Brazilian territory, in addition, all non-current assets are also located in the national territory.

The Company and its subsidiaries did not identify any customer who individually accounts for more than 10% of their total net revenues in the first quarter of 2019.

The Company evaluates the performance of each segment based on information derived from the accounting records.

The accounting policies of the operating segments are the same as those described in Note 4.

35.2 The Company's reportable segments

The reportable segments of the Company, in accordance with CPC 22/IFRS 8, are:

Power generation and transmission (GET) - this segment comprises the generation of electric energy from hydraulic, wind, and thermal projects (**GER**) and the transmission and transformation of the power generated by the Company, and the construction, operation and maintenance of all power transmission substations and lines (**TRA**); for managers, the assets and liabilities of the generation and transmission segments are shown on an aggregate basis while their result is shown separately;

Power distribution (DIS) - this segment comprises the distribution of electric energy, the operation and maintenance of the distribution infrastructure and related services;

Telecommunications (TEL) - this segment comprises telecommunications and general communication services;

GAS - this segment comprises the public service of piped natural gas distribution;

Power sale (COM) - this segment comprises the sale of electric energy and related services; and

Holding Company (HOL) - this segment comprises participation in other companies.

35.3 Assets by reportable segment

ASSETS 03.31.2019	Electric Energy		TEL	GAS	COM	HOL	Intersegment operations	Consolidated
	GET	DIS						
TOTAL ASSETS	18,770,464	12,519,188	1,282,555	679,817	293,318	3,239,674	(521,727)	36,263,289
CURRENT ASSETS	1,798,116	4,095,466	88,265	203,896	214,601	1,119,425	(719,316)	6,800,453
NON-CURRENT ASSETS	16,972,348	8,423,722	1,194,290	475,921	78,717	2,120,249	197,589	29,462,836
Long term assets	4,790,321	2,909,780	88,296	475,006	77,277	1,926,269	(166,421)	10,100,528
Investments	2,242,464	2,009	-	-	1,247	150,488	-	2,396,208
Property, plant and equipment	9,664,150	-	1,081,419	-	48	40,158	-	10,785,775
Intangible assets	246,032	5,454,375	15,242	915	145	1,837	364,010	6,082,556
Right-of-use asset	29,381	57,558	9,333	-	-	1,497	-	97,769

35.4 Statement of income by reportable segment

STATEMENT OF INCOME 03.31.2019	Electric Energy			TEL	GAS	COM	HOL	Intersegment operations	Consolidated
	GET		DIS						
	GER	TRA							
NET OPERATING REVENUES	847,158	223,264	2,556,600	115,353	174,081	356,826	-	(377,276)	3,896,006
Net operating revenues - third-parties	548,766	175,604	2,545,445	103,771	174,081	356,826	-	(8,487)	3,896,006
Net operating revenues - betw een segments	298,392	47,660	11,155	11,582	-	-	-	(368,789)	-
OPERATING COSTS AND EXPENSES	(383,333)	(109,379)	(2,310,296)	(101,551)	(151,637)	(352,423)	(11,676)	377,276	(3,043,019)
Energy purchased for resale	(25,294)	-	(1,329,531)	-	-	(360,361)	-	305,460	(1,409,726)
Charges for use of the main transmission grid	(109,579)	-	(238,536)	-	-	-	-	52,874	(295,241)
Personnel and management	(46,242)	(29,006)	(177,227)	(16,643)	(8,670)	(2,702)	(4,095)	-	(284,585)
Pension and healthcare plans	(9,410)	(6,187)	(39,111)	(2,897)	(980)	(339)	(585)	-	(59,509)
Materials and supplies	(2,060)	(1,061)	(13,299)	(714)	(458)	(5)	(63)	-	(17,660)
Raw materials and supplies for generation	(768)	-	-	-	-	-	-	-	(768)
Natural gas and supplies for gas business	-	-	-	-	(134,129)	-	-	-	(134,129)
Third party services	(26,205)	(7,541)	(88,405)	(24,470)	(2,378)	(374)	(2,944)	13,119	(139,198)
Depreciation and amortization	(110,696)	(3,163)	(83,482)	(22,106)	(2,613)	(11)	(701)	-	(222,772)
Provision (reversal) for litigations	(3,789)	(2,503)	(59,493)	(105)	73	14	(2,447)	-	(68,250)
Impairment of assets	(5,300)	-	-	-	-	-	(62)	-	(5,362)
Other estimated losses, provisions and reversals	12,136	(12,645)	(24,847)	(3,128)	(441)	-	-	-	(28,925)
Construction cost	-	(40,769)	(222,351)	-	(2,977)	-	-	-	(266,097)
Other operating costs and expenses, net	(56,126)	(6,504)	(34,014)	(31,488)	936	11,355	(779)	5,823	(110,797)
EQUITY IN EARNINGS OF INVESTEEES	(3,255)	20,668	-	-	-	(14)	(1,014)	-	16,385
PROFIT (LOSS) BEFORE FINANCIAL INCOME AND TAX	460,570	134,553	246,304	13,802	22,444	4,389	(12,690)	-	869,372
Financial income	26,722	5,879	94,155	2,961	3,441	10,121	63,384	(19)	206,644
Financial expenses	(123,597)	(36,844)	(72,163)	(11,526)	(5,057)	(32)	(55,657)	19	(304,857)
OPERATING PROFIT (LOSS)	363,695	103,588	268,296	5,237	20,828	14,478	(4,963)	-	771,159
Income tax and social contribution	(132,208)	(25,673)	(93,214)	(1,733)	(4,634)	(4,901)	(2,834)	-	(265,197)
NET INCOME (LOSS)	231,487	77,915	175,082	3,504	16,194	9,577	(7,797)	-	505,962

STATEMENT OF INCOME Restated 03.31.2018	Electric Energy			TEL	GAS	COM	HOL	Intersegment operations	Consolidated
	GET		DIS						
	GER	TRA							
NET OPERATING REVENUES	789,521	186,109	2,207,700	104,510	120,245	242,064	-	(301,468)	3,348,681
Net operating revenues - third-parties	591,377	111,413	2,197,859	85,896	120,245	242,064	-	(173)	3,348,681
Net operating revenues - betw een segments	198,144	74,696	9,841	18,614	-	-	-	(301,295)	-
OPERATING COSTS AND EXPENSES	(378,566)	(136,911)	(2,145,144)	(89,413)	(104,818)	(252,229)	19,014	301,468	(2,786,599)
Energy purchased for resale	(13,444)	-	(1,128,190)	-	-	(247,017)	-	198,215	(1,190,436)
Charges for use of the main transmission grid	(92,892)	-	(300,529)	-	-	-	-	78,949	(314,472)
Personnel and management	(64,591)	(40,379)	(234,485)	(29,199)	(8,855)	(4,040)	(8,761)	-	(390,310)
Pension and healthcare plans	(9,441)	(5,929)	(40,104)	(3,831)	(786)	(340)	(572)	-	(61,003)
Materials and supplies	(2,394)	(1,034)	(14,754)	(428)	(267)	(14)	(120)	-	(19,011)
Raw materials and supplies for generation	(8,693)	-	-	-	-	-	-	-	(8,693)
Natural gas and supplies for gas business	-	-	-	-	(77,421)	-	-	-	(77,421)
Third party services	(28,730)	(6,553)	(89,316)	(19,352)	(4,868)	(376)	(3,898)	19,890	(133,203)
Depreciation and amortization	(89,078)	(1,787)	(68,775)	(11,614)	(5,635)	(2)	(319)	-	(177,210)
Provision (reversal) for litigations	(10,426)	(21,794)	(57,974)	(10,574)	(3)	(32)	18,340	-	(82,463)
Impairment of assets	(2,899)	-	-	-	-	-	-	-	(2,899)
Other estimated losses, provisions and reversals	(3,705)	308	(22,137)	(3,265)	(1,878)	-	(2)	-	(30,679)
Construction cost	-	(54,585)	(152,796)	-	(2,590)	-	-	-	(209,971)
Other operating costs and expenses, net	(52,273)	(5,158)	(36,084)	(11,150)	(2,515)	(408)	14,346	4,414	(88,828)
EQUITY IN EARNINGS OF INVESTEES	2,079	43,140	-	-	-	(7)	(420)	-	44,792
PROFIT (LOSS) BEFORE FINANCIAL INCOME AND TAX	413,034	92,338	62,556	15,097	15,427	(10,172)	18,594	-	606,874
Financial income	11,647	2,772	73,899	5,506	5,890	2,054	109,205	(5,578)	205,395
Financial expenses	(121,305)	(29,914)	(65,272)	(10,811)	(6,191)	(69)	(47,078)	5,578	(275,062)
OPERATING PROFIT (LOSS)	303,376	65,196	71,183	9,792	15,126	(8,187)	80,721	-	537,207
Income tax and social contribution	(113,932)	(7,396)	(24,988)	(3,005)	(6,889)	2,805	(27,948)	-	(181,353)
NET INCOME (LOSS)	189,444	57,800	46,195	6,787	8,237	(5,382)	52,773	-	355,854

35.5 Additions to non-current assets by reportable segment

03.31.2019	Electric Energy		TEL	GAS	COM	HOL	Consolidated
	GET	DIS					
Contract assets	-	228,528	-	4,283	-	-	232,811
Property, plant and equipment	38,697	-	54,003	-	-	17	92,717
Intangible assets	1,534	-	46	-	-	(1)	1,579
Right-of-use asset	33,143	61,724	10,246	-	-	402	105,515
Initial adoption	32,919	60,494	9,868	-	-	385	103,666
Additions for the period	224	1,230	378	-	-	17	1,849

36 Financial Instruments

36.1 Categories and determination of fair value of financial instruments

Consolidated	Note	Level	03.31.2019		12.31.2018	
			Book value	Fair value	Book value	Fair value
Financial assets						
Fair value through profit or loss						
Cash and cash equivalents (a)	5	1	2,053,970	2,053,970	1,948,409	1,948,409
Bonds and securities (b)	6	1	706	706	696	696
Bonds and securities (b)	6	2	311,969	311,969	343,600	343,600
Accounts receivable related to the distribution concession (c)	10.1 e 10.2	3	1,108,301	1,108,301	1,105,282	1,105,282
Accounts receivable related to the concession compensation (d)	10.5	3	66,802	66,802	65,811	65,811
Fair value in the purchase and sale of power in the active market (e)	36.2.12	3	50,276	50,276	14,793	14,793
Other temporary investments (f)		1	13,637	13,637	11,557	11,557
Other temporary investments (f)		2	7,720	7,720	7,954	7,954
			3,613,381	3,613,381	3,498,102	3,498,102
Amortized cost						
Collaterals and escrow accounts (a)		1	61,363	61,363	203	203
Collateral and escrow deposits - STN (g)	22.1	2	90,093	79,069	89,555	76,524
Trade accounts receivable (a)	7	1	3,087,765	3,087,765	3,107,006	3,107,006
CRC Transferred to the State Government of Paraná (h)	8	2	1,432,148	1,540,146	1,445,042	1,546,469
Sectorial financial assets (a)	9	1	610,573	610,573	678,819	678,819
Accounts receivable related to the concession - RBSE (c)	10.4	1	752,755	752,755	753,826	753,826
Accounts receivable related to the concession - bonus from the grant (i)	10.3	2	634,300	724,199	625,772	714,880
			6,668,997	6,855,870	6,700,223	6,877,727
Total financial assets			10,282,378	10,469,251	10,198,325	10,375,829
Financial liabilities						
Amortized cost						
Sectorial financial liabilities (a)	9	0	97,991	97,991	96,531	96,531
Ordinary financing of taxes with the federal tax authorities (g)	13.2	1	70,068	68,734	86,632	84,383
Special Tax Regularization Program - Pert (g)	13.2	2	513,805	471,372	518,442	469,304
Suppliers (a)	21	2	1,579,375	1,579,375	1,469,199	1,469,199
Loans and financing (g)	22	1	3,761,204	3,743,397	4,047,307	4,012,621
Debentures (i)	23	2	7,546,306	7,546,306	7,518,131	7,518,133
Payable related to concession (k)	27	1	593,308	682,626	584,163	687,869
Fair value in the purchase and sale of power in the active market (e)	36.2.12	3	34,719	34,719	11,007	11,007
Total financial liabilities			14,196,776	14,224,520	14,331,412	14,349,047

Different levels are defined as follow s:

Level 1: Obtained from quoted prices (not adjusted) in active markets for identical assets and liabilities;

Level 2: obtained through other variables in addition to quoted prices included in Level 1, which are observable for the assets or liabilities;

Level 3: obtained through assessment techniques which include variables for the assets or liabilities, which however are not based on observable market data.

Determining fair values

- Equivalent to their respective carrying values due to their nature and terms of realization.
- Fair value is calculated based on information made available by the financial agents and the market values of the bonds issued by the Brazilian government
- The criteria are disclosed in Note 4.4 to the financial statements at December 31, 2018.
- The fair values of generation assets approximate their carrying amounts, according to Note 4.4 to the financial statements at December 31, 2018.
- The fair values of assets and liabilities are equivalent to their carrying amounts according to Note 36.2.12.

- f) Calculated according to the price quotations published in an active market, for assets classified as level 1 and determined in view of the comparative assessment model for assets classified as level 2.
- g) The cost of the last borrowing taken out by the Company is used as a basic assumption, namely TJLP plus spread of 1.94% p.a., for discount of the expected payment flows.
- h) The Company based its calculation on the comparison with a long-term and post-fixed National Treasury Bond (NTN-B) maturing on August 15, 2024, which yields approximately 4.04% p.a. plus the IPCA inflation index.
- i) Receivables related to the concession agreement for providing electricity generation services under quota arrangements at their fair value calculated by expected cash inflows discounted at the rate established in ANEEL auction notice 12/2015 (9.04%).
- j) Calculated from the Unit Price quotation (PU) for March 31, 2019, obtained from the Brazilian Association of Financial and Capital Markets (ANBIMA), net of unamortized financial cost.
- k) Actual net discount rate of 8.13% p.a., in line with the Company's estimated rate for long-term projects.

36.2 Financial risk management

The Company's business activities are exposed to the following risks arising from financial instruments:

36.2.1 Credit risk

Credit risk is the risk of the Company incurring losses due to a customer or financial instrument counterparty, resulting from failure in complying with contractual obligations.

Consolidated		
Exposure to credit risk	03.31.2019	12.31.2018
Cash and cash equivalents (a)	2,053,970	1,948,409
Bonds and securities (a)	312,675	344,296
Pledges and restricted deposits linked (a)	151,456	89,758
Trade accounts receivable (b)	3,087,765	3,107,006
CRC Transferred to the Paraná State Government (c)	1,432,148	1,445,042
Sectorial financial assets (d)	610,573	678,819
Accounts receivable related to the concession (e)	1,861,056	1,859,108
Accounts receivable related to the concession - Bonus from the grant (f)	634,300	625,772
Accounts receivable related to the concession compensation (g)	66,802	65,811
Other temporary investments (h)	21,357	19,511
	10,232,102	10,183,532

- a) The Company's Management manages the credit risk of its assets in accordance with the Group's policy of investing virtually all of its funds in federal banking institutions. As a result of legal and/or regulatory requirements, in exceptional circumstances the Company may invest funds in prime private banks.

- b)** The risk arises from the possibility that the Company might incur losses resulting from difficulties to receive its billings to customers. This risk is closely related to internal and external factors of Copel. To mitigate this type of risk, the Company manages its accounts receivable, detecting defaulting consumers, implementing specific collection policies and suspending the supply and/or recording of energy and the provision of service, as established in the agreement.
- c)** Management believes this credit risk is low because repayments are secured by funds from dividends.
- d)** Management believes this risk is low because these contracts assure an unconditional right to be paid in cash by the Concession Grantor at the end of the concession period for any infrastructure investments not recovered through tariffs.
- e)** Management considers the risk of this credit to be reduced, since the agreements signed guarantee the unconditional right to receive cash at the end of the concession to be paid by the Concession Grantor, referring to investments in infrastructure not recovered through the tariff.

Management also considers the credit risk reduced to the balance of RBSE assets, even in light of the injunctions that temporarily reduced the RAP to be received, as described in Note 10.4.
- f)** Management considers the risk of this credit to be low, as the contract for the sale of energy by quota guarantees the receipt of an Annual Generation Revenue - RAG guaranteed which includes the annual amortization of this amount during the concession term.
- g)** For the generation concession assets, ANEEL published Normative Resolution 596/2013, which deals with the definition of criteria for calculating the VNR, for the purposes of indemnification. Management's expectation regarding the indemnification of these assets indicates the recoverability of the balances recorded, as described in Note 10.5.
- h)** This risk arises from the possibility that the Company might incur losses resulting from the volatility on the stock market. This type of risk involves external factors and has been managed through periodic assessment of the variations occurred in the market.

36.2.2 Liquidity risk

The Company's liquidity risk consists of the possibility of having insufficient funds, cash or other financial assets to settle obligations on their scheduled maturity dates.

The Company manages liquidity risk relying on a set of methodologies, procedures and instruments applied to secure ongoing control over financial processes to ensure proper management of risks.

Investments are financed by incurring medium and long-term debt with financial institutions and capital markets.

Short, medium and long-term business projections are made and submitted to Management bodies for evaluation. The budget for the next fiscal year is annually approved.

Medium and long-term business projections cover monthly periods over the next five years. Short-term projections consider daily periods covering only the next 90 days.

The Company permanently monitors the volume of funds to be settled by controlling cash flows to reduce funding costs, the risk involved in the renewal of loan agreements and compliance with the financial investment policy, while concurrently keeping minimum cash levels.

The following table shows the expected undiscounted settlement amounts in each time range. Projections were based on financial indicators linked to the related financial instruments and forecast according to average market expectations as disclosed in the Central Bank of Brazil's Focus Report, which provides the average expectations of market analysts for these indicators for the current year and the following year. As from 2022, 2021 indicators are repeated on an unaltered basis throughout the forecast period.

Consolidated	Interest (a)	Less than 1 month	1 to 3 months	3 months to 1 year	1 to 5 years	Total
03.31.2019						
Loans and financing	Note 22	44,284	639,626	598,626	1,816,609	4,941,054
Debentures	Note 23	73,632	1,345,731	1,474,188	5,903,877	9,332,661
Payable related to concession use of public property	Rate of return + IGP-M and IPCA	5,903	11,806	54,647	320,343	1,737,320
Suppliers	-	1,303,173	91,881	142,235	41,488	1,579,375
Ordinary financing of taxes with the federal tax authorities	Selic	5,859	11,784	54,118	-	71,761
Special Tax Regularization Program - Pert	Selic	3,970	7,996	36,912	226,505	700,291
Sectorial financial liabilities	Selic	-	-	-	108,638	108,638
		1,436,821	2,108,824	2,360,726	8,417,460	18,471,100

(a) Effective interest rate - w eighted average.

As disclosed in Notes 22.5 and 23.3, the Company and its subsidiaries have borrowings agreements and debentures with covenants that if breached may have their payment accelerated.

At March 31, 2019, the Company recorded negative net working capital of R\$741,834 (R\$265,568 at December 31, 2018) in the Parent company and R\$86,075 (R\$17,268 at December 31, 2018) in the Consolidated. Management has been monitoring the liquidity and taking actions to balance the short-term financial capacity, preserving the Company's investment programs, as well as seeking debt repayment extension. An example of this borrowing is presented in Note 41.3.

36.2.3 Market risk

Market risk is the risk that the fair value or the future cash flows of a financial instrument shall oscillate due to changes in market prices, such as currency rates, interest rates and stock price. The purpose of managing this risk is to control exposures within acceptable limits, while optimizing return.

a) Foreign currency risk (US Dollar)

This risk comprises the possibility of losses due to fluctuations in foreign exchange rates, which may reduce assets or increase liabilities denominated in foreign currencies.

The Company's foreign currency indebtedness is not significant and it is not exposed to foreign exchange derivatives. The Company monitors all relevant foreign exchange rates.

The effect of the exchange rate variation resulting from the power purchase agreement with Eletrobras (Itaipu) is transferred to customers in Copel DIS's next tariff adjustment.

The exchange rate risk posed by the purchase of gas arises from the possibility of Compagás reporting losses on the fluctuations in foreign exchange rates, increasing the amount in Reais of the accounts payable related to the gas acquired from Petrobras. This risk is mitigated by the monitoring and transfer of the price fluctuation through tariff, when possible. Compagás monitors these fluctuations on an ongoing basis.

Sensitivity analysis of foreign currency risk

The Company has developed a sensitivity analysis in order to measure the impact of the devaluation of the US dollar on its borrowings subject to currency risk.

The baseline scenario takes into account the existing balances in each account as of March 31, 2019 and the probable scenario assumes a variation in the foreign exchange rate – prevailing at the end of the period (R\$/USD 3.75) based on the median market expectation for 2019 reported in the Central Bank’s Focus report of April 26, 2019. For the scenarios 1 and 2, deteriorations of 25% and 50%, respectively, were considered for the main risk factor for the financial instrument compared to the rate used in the probable scenario.

Foreign exchange risk	Risk	Baseline 03.31.2019	Projected scenarios - Dec.2019		
			Probable	Scenario 1	Scenario 2
Financial assets					
Collaterals and escrow accounts - STN	USD depreciation	90,093	(3,392)	(25,067)	(46,742)
		90,093	(3,392)	(25,067)	(46,742)
Financial liabilities					
Loans and financing - STN	USD appreciation	(106,707)	4,017	(21,655)	(47,328)
Suppliers					
Eletrobras (Itaipu)	USD appreciation	(242,689)	9,137	(49,252)	(107,640)
Acquisition of gas	USD appreciation	(62,330)	2,347	(12,649)	(27,645)
		(411,726)	15,501	(83,556)	(182,613)

In addition to the sensitivity analysis required by CVM Resolution 475/2008, the Company evaluates its financial instruments considering the possible effects on profit and loss and equity of the risks evaluated by the Company’s Management on the reporting date for the financial instruments, as recommended by CPC 40 (R1) - Financial Instruments: Disclosure. Based on the equity position and the notional value of the financial instruments held as of March 31, 2019, it is estimated that these effects will approximate the amounts stated in the above table in the column for the forecast probable scenario, since the assumptions used by the Company are similar to those previously described.

b) Interest rate and monetary variation risk

This risk comprises the possibility of losses due to fluctuations in interest rates or other indicators, which may reduce financial income or financial expenses or increase the financial expenses related to the assets and liabilities raised in the market.

The Company has developed a sensitivity analysis in order to measure the impact of variable interest rates and monetary variations on its financial assets and liabilities subject to these risks.

Sensitivity analysis of interest rate and monetary variation risk

The Company has developed a sensitivity analysis in order to measure the impact of variable interest rates and monetary variations on its financial assets and liabilities subject to these risks.

The baseline scenario takes into account the existing balances in each account as of March 31, 2019 while the 'probable' scenario assumes balances reflecting varying indicators as follows: CDI/Selic - 6.50%, IPCA – 4.01%, IGP-DI – 5.83%, IGP-M – 5.58% and TLP - 6.10%, estimated as market average projections for 2019 according to the Focus Report issued by the Central Bank of Brazil as of April 26, 2019, except TLP that considers the Company's internal projection.

For the scenarios 1 and 2, deteriorations of 25% and 50%, respectively, were considered for the main risk factor for the financial instrument compared to the rate used in the probable scenario.

Interest rate risk and monetary variation	Risk	Baseline 03.31.2019	Projected scenarios - Dec.2019		
			Probable	Scenario 1	Scenario 2
Financial assets					
Bonds and securities	Low CDI/SELIC	312,675	15,122	11,376	7,592
Collaterals and escrow accounts	Low CDI/SELIC	61,363	2,968	2,233	1,490
CRC transferred to the State Government of Paraná	Low IGP-DI	1,432,148	62,175	46,713	31,198
Sectorial financial assets	Low Selic	610,573	29,530	22,191	14,823
Accounts receivable related to the concession	Low IPCA	2,495,356	74,678	56,077	37,431
Accounts receivable related to the concession compensation	Undefined (a)	66,802	-	-	-
		4,978,917	184,473	138,590	92,534
Financial liabilities					
Loans and financing					
Banco do Brasil	High CDI	(719,839)	(34,815)	(43,434)	(52,021)
BNDES	High TJLP	(2,140,359)	(97,193)	(121,271)	(145,263)
BNDES	High IPCA	(7,655)	(229)	(286)	(343)
Promissory notes	High CDI	(582,378)	(28,166)	(35,140)	(42,087)
Banco do Brasil - Distribution of Funds from BNDES	High TJLP	(104,668)	(4,753)	(5,930)	(7,104)
Caixa Econômica Federal	High TJLP	(456)	(21)	(26)	(31)
Other	No risk	(99,142)	-	-	-
Debentures	High CDI/SELIC	(6,562,112)	(317,372)	(395,949)	(474,231)
Debentures	High IPCA	(849,703)	(25,429)	(31,747)	(38,051)
Debentures	High TJLP	(134,491)	(6,107)	(7,620)	(9,128)
Suppliers - renegotiation of gas	High IGP-M	(26,440)	(1,099)	(1,371)	(1,643)
Sectorial financial liabilities	High Selic	(97,991)	(4,739)	(5,913)	(7,082)
Ordinary financing of taxes with the federal tax authorities	High Selic	(70,068)	(3,389)	(4,228)	(5,064)
Special Tax Regularization Program - Pert	High Selic	(513,805)	(24,850)	(31,002)	(37,132)
Payable related to concession	High IGP-M	(545,062)	(22,655)	(28,272)	(33,870)
Payable related to concession	High IPCA	(48,246)	(1,444)	(1,803)	(2,161)
		(12,502,415)	(572,261)	(713,992)	(855,211)

(a) Risk assessment still requires ruling by the Granting Authority.

In addition to the sensitivity analysis required by CVM Resolution 475/2008, the Company evaluates its financial instruments considering the possible effects on profit and loss and equity of the risks evaluated by the Company's Management on the reporting date for the financial instruments, as recommended by CPC 40(R1). Based on the equity position and the notional value of the financial instruments held as of March 31, 2019, it is estimated that these effects will approximate the amounts stated in the above table in the column for the forecast probable scenario, since the assumptions used by the Company are similar to those previously described.

36.2.4 Electricity shortage risk

Approximately 64% of installed capacity in Brazil currently comes from hydroelectric generation, as informed by the Generation Information Bank of ANEEL, which makes Brazil and the geographic region in which we operate subject to hydrological conditions that are unpredictable, due to non-cyclical deviations of mean precipitation. Unsatisfactory hydrological conditions may cause, among other things, the implementation of comprehensive programs of electricity savings, such as rationalization or even a mandatory reduction of consumption, which is the case of rationing.

Since 2014, the reservoirs of the Southeast/Midwest, North and Northeast Brazilian regions have been subject to adverse climate situations, leading agencies responsible for this industry to adopt water resources optimization measures to guarantee fully meeting electricity demand.

The Electric Sector Monitoring Committee (CMSE) has maintained the energy deficit risk indicators within the safety margin in short-term projections. The same position is adopted by ONS regarding the risk of deficit in the medium term, as stated in the 2018-2022 Energy Operation Plan – PEN 2018.

Although dam storage levels are not ideal, from the standpoint of regulatory agencies, when combined with other variables, they are sufficient to keep the risk of deficit within the safety margin established by the National Energy Policy Council - CNPE (maximum risk of 5%) in all subsystems.

36.2.5 Risk of GSF impacts

The Energy Reallocation Mechanism (MRE) is a system of redistribution of electric power generated, characteristic of the Brazilian electric sector, which has its existence by the understanding, at the time, of the need for a centralized operation associated with a centrally calculated optimal price known as PLD. Since generators have no control over their production, each plant receives a certain amount of virtual energy which can be compromised through contracts. This value, which enables the registration of bilateral contracts, is known as Physical Guarantee - GF and is also calculated centrally. Unlike PLD, which is calculated on a weekly basis, GF, as required by Law, is recalculated every five years, with a limit of increase or decrease, restricted to 5% by revision or 10% in the concession period.

The contracts need to have an energy physical guarantee basis. This is done, especially, through the allocation of power generated received from the MRE or purchase. The GSF is the ratio of the entire hydroelectric generation of the MRE participants to the GF sum of all the MRE plants. Basically, the GSF is used to calculate how much each plant will receive from generation to back up its GF. Thus, knowing the GSF of a given month the company will be able to know if it will need to back up its contracts through purchases.

Whenever GSF multiplied by GF is less than the sum of contracts, the company will need to buy the difference in the spot market. However, whenever GSF multiplied by GF is greater than the total contracts, the company will receive the difference to the PLD.

The low inflows that have been recorded since 2014, as well as problems with delays in the expansion of the transmission system have resulted in low GSF values, resulting in heavy losses for the companies holding MRE participating hydroelectric projects.

For plants with contracts in the Free Contracting Environment - ACL, the main way to manage the low GSF risk is not to compromise the entire GF with contracts, approach currently adopted by the Company.

For the contracts in the ACR, Law 13,203/2015 allowed the generators to contract insurance for electricity demand (load), by means of payment of a risk premium. Copel adopted this approach to protect contracts related to energy generated by the Mauá, Santa Clara, Fundação, Baixo Iguaçu and Colíder Thermoelectric Plants and Cavernoso II Small HPP.

For the distribution segment, the effects of the GSF are perceived in the costs associated with quotas of Itaipu, of Angra and the plants whose concessions were renewed in accordance with Law 12,783/2013, as well as in the costs of the contracts for power availability with thermoelectric plants. This is a financial risk, since there is guarantee of neutrality of expenses with energy purchases through a tariff transfer.

36.2.6 Risk of non-renewal of concessions - generation and transmission

Currently, the extension of generation, transmission and distribution concessions covered by Articles 17, 19 and 22 and Law 9,074/1995, is regulated by Law 12,783/2013. Decree 9,187 of November 1, 2017 regulates the extension of the thermoelectric power generation concessions set forth in said Law.

Concessions of hydroelectric power generation, electric power transmission and distribution may be extended at the discretion of the Concession Grantor, one single time, for a period of up to 30 years. However, for concessions of thermoelectric power generation, extension period is limited to 20 years.

The concession operator should request extension of concession at least 60 months before the final contract date or after granting of concessions to hydroelectric power generation and electric power transmission and distribution plants, and of up to 24 months for thermoelectric plants. The Concession Grantor may advance effects of extension by up to 60 months counted as of contract or grant date, and may also define initial tariff or revenue.

By 2023, only Governor Bento Munhoz da Rocha Netto hydroelectric power plant (1676 MW) will have its concession expired. The Company did not express an interest in extending this concession. Under Law 12,783/2013, the option for extension is conditioned to a change in the plant operation regime, which may occur within 60 months before its final term. Internal studies have shown that the extension through change of the anticipated operation regime is economically and financially disadvantageous in relation to the exploration of the plant in the present regime until its final term. The plant must be tendered by the Concession Grantor and the Company may participate in the auction, if it meets the qualification conditions.

Regarding the Figueira HPP concession, expired in March 2019, the Company awaits the conclusion of the related ANEEL procedural steps to execute the Amendment to the Concession Agreement. The plant is undergoing a modernization process and will have as direct benefits the improvement in energy efficiency and the reduction of pollutant emissions in the atmosphere, in comparison with the old plant.

According to the law, the Company may express its intention to extend the concession of the São Jorge HPP in 2019, the Apucarantina HPP in 2020, and the Guaricana and Chaminé HPPs in 2021. If the Company does not express an interest in the extension of the current regime, the concession of the São Jorge HPP may, at its final term, be granted to the Company in the condition of registration, and the other concessions, at their final term, shall be tendered by the Concession Grantor.

Copel GeT does not have any transmission concession ending in the next ten years.

36.2.7 Risk on non-renewal of concessions - distribution of electricity

On December 9, 2015, pursuant to the fifth Concession Agreement Amendment No. 46/1999 of Copel DIS, the concession was extended, provided that quality and efficiency parameters for provision of distribution services are met, measured by indicators that consider duration and frequency of service interruptions (DECi and FECi) and efficiency in the Company's economic and financial management.

The fifth amendment to the concession agreement imposes indexes of economic and financial efficiency and quality. Failure to comply with the indexes for two consecutive years or any limits at the end of the first five years will result in the termination of the concession (clause 18, sub clause 1), observing the agreement terms, specifically the right to full defense and reconsideration.

Non-compliance with the annual global electricity supply quality indicators (DEC and FEC) for two consecutive years or three times in five years, depending on ANEEL's regulation, may limit the payment of dividends or interest on capital (clause 2, sub clause 8), while the breach of the economic and financial sustainability indicators may require a capital contribution from the controlling shareholders (clause 13, sub clause 4) within up to 180 days from the end of each fiscal year, of the total insufficient amount to meet the Minimum Economic and Financial Sustainability Parameter provided for in clause 7.

From the sixth year following the signing of the agreement, the breach of quality criteria for three consecutive years or of economic and financial management criteria for two consecutive years will result in the opening of an expiration proceeding (clause 12, sub clause 14), causing the end of the concession.

The following table sets forth the minimum parameters of economic and financial sustainability defined for Copel DIS in the first five years of the renewal:

Year	Economic and Financial Management	Realized	Quality - limits ^(a)		Quality (Performed)	
			DECi ^(b)	FECi ^(b)	DECi	FECi
2016			13.61	9.24	10.80	7.14
2017	EBITDA ≥ 0 ^(c)	661,391	12.54	8.74	10.41	6.79
2018	EBITDA (-) QRR ≥ 0 ^{(d) (e)}	550,675	11.23	8.24	10,29	6,20
2019	{Net Debt / [EBITDA (-) QRR]} ≤ 1 / (0.8 * SELIC) ^{(d) (e)}		10.12	7.74	-	-
2020	{Net Debt / [EBITDA (-) QRR]} ≤ 1 / (1.11 * SELIC) ^{(d) (e)}		9.83	7.24	-	-

(a) According to Aneel's Technical Note No. 0335/2015.

(b) 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.

(c) Regulatory EBTIDA adjusted for non-recurring events (PDV, post-employment benefit, provisions and reversals) according to clause six, of the Fifth Amendment to the Concession Agreement.

(d) QRR: Regulatory Reintegration Quota or Regulatory Depreciation Expense. This is the value defined in the most recent Periodical Tariff Review (RTP), plus IPCA between the month preceding the RTP and the month preceding the twelve-month period of the economic and financial sustainability measurement.

(e) Selic: limited to 12.87% p.y.

36.2.8 Risk of non-extension of the gas distribution concession

As presented in Note 2.1.1, the expiration date of the gas distribution concession of the subsidiary Compagás is under discussion with the concession grantor.

In the event of non-extension of the concession, Compagás will be entitled to compensation for investments made in the last 10 years prior to the end of the concession at their depreciated replacement value, according to the contractual clause.

36.2.9 Risk of overcontracting and undercontracting of electricity

Under the current regulatory model, the agreement for purchase of electric power by distributors is regulated by Law 10,484/2014 and Decree 5,163/2004, which determine that distributors must purchase the volume required to serve 100% of their market.

The contracting of the total output available in the market is verified by observing the period comprising the calendar year, and the difference between the costs remunerated by the tariff and those actually incurred in the power purchases are fully passed on to captive consumers, as long as the Distributor presents a contracting level between 100% and 105% of its market. However, if distributors determine contracting levels lower or higher than the regulatory limits, there is the assurance of neutrality if it is identified that such violation derives from extraordinary and unforeseen events that are not manageable by the buyer.

Since 2016, the distribution segment has been exposed to a general overcontracting scenario, as most companies determined contracting levels higher than 105%. Considering that several factors that have contributed to this situation are extraordinary and unavoidable by the distributors, such as the involuntary allocation of physical guarantee quotas and the broad migration of consumers to the free market, ANEEL and MME implemented a series of measures aiming at the mitigation of overcontracting.

In relation to the contracting of 2019, the scenarios of supply and demand indicate the possibility of occurrence of overcontracting due to consumers migration to the free market. This is the main risk factor involving exposure to overcontracting, which entitles recognition of involuntary overcontracting.

36.2.10 Gas shortage risk

This risk involves potential periods of shortage of natural gas supply to meet the Company's gas distribution and thermal generation business requirements. Long periods of gas shortage could result in losses due to lower revenues by subsidiaries Compagás and UEG Araucária.

The natural gas supply contract between Brazil and Bolivia is effective for twenty years, ending in 2019. Due to the non-use of all contracted natural gas in recent years, the Ministry of Mines and Energy considers the extension of the term of this contract by two years in its Ten Year Planning. In the event of non-renewal of this contract, currently centralized in Petrobras, direct consumers or state distributors must directly negotiate the fuel supply with producers, importers or suppliers of natural gas.

On the other hand, the volume of natural gas produced in the pre-salt has increased. The Brazilian's output in 2018 was 111.94 million m³/day and with growing trend.

In addition to the gas from Bolivia and from the pre-salt, there is the alternative of importing Liquefied Natural Gas (LNG).

There are also projects of new regasification stations in all Brazilian regions, with stations located in the South region of Brazil capable of serving the consumption of this region of the country without the need for large investments in transport infrastructure and reducing the level of capacity utilization of the Gasbol Sul line, which would increase the supply of natural gas in Paraná.

In the international market, the natural gas price has remained stable, indicating a balance between supply and demand.

In this scenario, the natural gas shortage risk can be considered low.

36.2.11 Risk of non-performance of wind farms

The power generation authorization contracts for wind power are subject to performance clauses, which provide for a minimum annual and four-year generation of the physical guarantee committed in the auction. Ventures are subject to climatic factors associated with wind velocity uncertainties, and non-compliance with what is stated in the agreement may jeopardize future revenues of the Company. At March 31, 2019, the consolidated balance of the provision recorded in liabilities referring to the non-performance is R\$61,399 (R\$83,525 at December 31, 2018), which may be offset by higher future production, measured within the annual and/or four-yearly contractual cycle.

36.2.12 Risk related to price of power purchase and sale transactions in the active market

The Company operates in the market for the purchase and sale of energy in the active market (Note 4.15 to the financial statements at December 31, 2018), with the objective of achieving results with changes in energy prices, subject to the risk limits established by Management. This activity, therefore, exposes the Company to the risk of future energy price.

The purchase and sale of energy are recognized at fair value through profit or loss, based on the difference between the contracted price and the market price of the transactions at the balance sheet date.

Based on the notional value of R\$232,911 for purchase contracts and R\$142,838 for contracts for the sale of electricity, outstanding on March 31, 2019, the fair value was estimated using the prices defined by the Company in the last week of March 2019, which represented the best estimate of the future market price. The discount rate uses the return rate of the NTN-B disclosed by ANBIMA as of March 29, 2019, adjusted by a credit risk rate.

The balances relating to these outstanding transactions at March 31, 2019 are presented below:

Consolidated	03.31.2019		
	Assets	Liabilities	Net
Current	19,269	(17,234)	2,035
Noncurrent	31,007	(17,485)	13,522
	50,276	(34,719)	15,557

Sensitivity analysis on the power purchase and sale transactions in the active market

The main risk factor is the exposure to variation of energy market prices. The variation of the discount rate does not have a relevant impact on the fair value determined, especially in view of the short-term for the settlement of contracts.

The sensitivity analyses were prepared in accordance with CVM Instruction 475/08, considering, for scenarios 1 and 2, the increase or decrease of 25% and 50% in future prices, applied to market prices of March 31, 2019. The results obtained are as follows:

Consolidated	Price variation	Baseline 03.31.2019	Projected scenarios	
			Scenario 1	Scenario 2
Gains (losses) on purchase and sale of energy in active market	Increase	15,557	38,243	60,929
	Decrease	15,557	(7,128)	(29,813)

36.2.13 Counterparty risk in the energy market

Since free energy market still does not have a counterparty acting as guarantor of all agreements (clearing house), there is a bilateral risk of default. Thus, the Company is exposed to the risk of failure in the supply of energy contracted by the seller. In the event of such failure, the Company must buy energy at the spot market price, being further subject to regulatory penalties and loss of amounts paid.

The Company follows a policy that establishes limits for possible operations with each counterparty, after analyzing its credit worthiness, maturity and history.

In addition, even if our policy is more restrictive, and the counterparties present good financial condition, the Company is exposed to systemic events in which the default of one agent ends up affecting other energy trading companies in a "domino effect" until reaching the Company's counterparties.

36.3 Capital management

The Company seeks to keep a strong capital base to maintain the trust of investors, creditors and market and ensure the future development of the business. Management also strives to maintain a balance between the highest possible returns with more adequate levels of borrowings and the advantages and the assurance afforded by a healthy capital position. Thus, it maximizes the return for all stakeholders in its operations, optimizing the balance of debts and equity.

The Company monitors capital by using an index represented by adjusted consolidated net debt divided by adjusted consolidated EBITDA (Earnings before interest, taxes, depreciation and amortization), for the last twelve months. The corporate goal established in the strategic planning provides for maintenance of ratio below 3.5 while any expectation of failing to meet this target will prompt Management to take steps to correct its course by the end of each reporting period.

36.3.1 The equity to debt ratio is shown below:

Indebtedness	Parent company		Consolidated	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018
Loans and financing	787,164	903,385	3,761,204	4,047,307
Debentures	1,543,388	1,538,080	7,546,306	7,518,131
(-) Cash and cash equivalents	262,289	315,003	2,053,970	1,948,409
(-) Bonds and securities	123,560	123,560	312,675	344,296
Net debt	1,944,703	2,002,902	8,940,865	9,272,733
Equity	16,530,916	16,032,925	16,838,841	16,336,214
Equity indebtedness	0.12	0.12	0.53	0.57

37 Related Party Transactions

Consolidated Related parties / Nature of operation	Assets		Liabilities		Revenue		Cost / Expense	
	03.31.2019	12.31.2018	03.31.2019	12.31.2018	03.31.2019	03.31.2018	03.31.2019	03.31.2019
Controlling shareholder								
State of Paraná - dividends payable	-	-	112,196	112,196	-	-	-	-
CRC Transfer (Note 8)	1,432,148	1,445,042	-	-	56,752	43,405	-	-
Luz Fraterna Program (a)	8,784	10,353	-	-	-	-	-	-
Morar Bem Paraná Program	194	-	-	-	-	-	-	-
Remuneration and employ social security charges assigned (b)	207	1,248	-	-	-	-	-	-
Telecommunication services (c)	15,990	15,788	-	-	10,543	10,146	-	-
Sistema Meteorológico do Paraná - Simepar (d)	-	-	178	181	-	-	(534)	-
Entities with significant influence								
BNDDES and BNDESPAR - dividends payable (e)	-	-	80,144	80,144	-	-	-	-
Financing (Note 22)	-	-	2,204,269	2,208,920	-	-	(47,141)	(31,722)
Debentures - Compagás (Note 23)	-	-	16,208	17,651	-	-	(358)	(861)
Debentures - wind farms (Note 23) (f)	-	-	265,286	268,286	-	-	(7,520)	(7,562)
State of Paraná investee								
Sanepar (c) (g)	-	-	296	273	1,112	1,005	(1,369)	(437)
Use of water withdrawn from plants' reservoirs	-	144	-	-	-	-	-	-
Joint ventures								
Voltaia São Miguel do Gostoso								
Dividends	1,032	1,032	-	-	-	-	-	-
Caiuá Transmissora de Energia (h) (i) (j)								
Dividends	248	329	284	285	496	961	(3,269)	(1,101)
Dividends	3,316	3,316	-	-	-	-	-	-
Integração Maranhense Transmissora (h) (j)								
Dividends	6,033	6,033	-	-	-	-	(457)	(148)
Matrinchá Transmissora de Energia (h) (j)								
Dividends	-	-	307	316	-	-	(2,445)	(884)
Dividends	21,470	21,470	-	-	-	-	-	-
Guaraciaba Transmissora de Energia (h) (j)								
Dividends	-	-	159	136	-	-	(1,099)	(323)
Dividends	15,869	15,869	-	-	-	-	-	-
Paranaíba Transmissora de Energia (h)								
Dividends	-	-	227	212	-	-	(1,705)	(563)
Dividends	8,544	8,544	-	-	-	-	-	-
Cantareira Transmissora de Energia (h)								
Dividends	-	-	172	170	-	-	(504)	(113)
Dividends	1,461	1,461	-	-	-	-	-	-
Mata de Santa Genebra Transmissão (h)								
Dividends	10,456	5,126	-	-	10,754	369	-	-
Dividends	-	-	-	-	-	-	-	-
Associates								
Dona Francisca Energética S.A. (k)								
Dividends	-	-	1,436	1,436	-	-	(1,436)	(2,871)
Foz do Chopim Energética Ltda. (c) (h)								
Dividends	193	193	-	-	654	802	-	-
Dividends	4,836	18,071	-	-	-	-	-	-
Acquisition of power plant projects	-	-	6,227	19,461	-	-	-	-
Sercomtel S.A. Telecomunicações (c) (l)								
Dividends	2,433	2,226	-	-	2,103	1,880	(1)	(1)
Key management staff								
Fees and social security charges (Note 33.2)	-	-	-	-	-	-	(5,668)	(7,331)
Pension and healthcare plans (Note 24.3)	-	-	-	-	-	-	(231)	(425)
Other related parties								
Fundação Copel (c)								
Administrative property rental	23	20	-	-	84	77	-	-
Pension and healthcare plans (Note 24.3)	-	-	22,340	312	-	-	(1,708)	(4,776)
Dividends	-	-	978,342	968,763	-	-	-	-
Lactec (m)								
Dividends	-	-	1,384	1,601	-	-	(424)	(3,557)

- a)** The Luz Fraterna Program, created under Law 491/2013 and 17,639/2013 allows the State Government to pay for the electricity bills of low income families in Paraná, which have duly applied for the program and provided that their consumption does not exceed 120 kWh per month. This benefit is available to residential customers with single-phase connections, rural customers with single-phase connections or two-phase connections with circuit breakers of up to 50 amperes. Applicants must not have more than one electricity bill under their names and must not have any pending debts to the Company.

In March 2018, the amount of R\$159,274 was settled. The principal interest, fine and monetary restatement, at December 31, 2011, totaled R\$158,849. For these charges on electricity bills for the period of September 2010 to June 2015, a lawsuit was filed against the State of Paraná on November 5, 2018, relating to the payment of invoices pursuant to State Law 14,087/2003. We highlight that despite the negotiations maintained by Management, seeking to settle this debt, uncertainties still exist regarding the realization of this asset and therefore, in view of this condition, this asset was not recognized, therefore, in accordance with the current accounting standards. For the tax treatment, as determined by the Federal Revenue of Brazil in the Normative Instruction 1,753/2017, the Company has taxed this revenue.

The Morar Bem Paraná Program, established by Decree 2,845/2011, introduced an agreement between the Paraná State, Companhia de Habitação do Paraná (Cohapar) and Copel, and is managed by Cohapar. Copel main attribution under this agreement is the construction of energy distribution grids and housing project consumer unit service connections.

Management further emphasizes that it is making all necessary efforts and taking all necessary measures to preserve the Company's interests.

- b)** Reimbursement of wages and social charges for employees transferred to the Paraná State Government. Balances presented are net of expected credit loss.
- c)** Revenue of Copel TEL from telecommunications services and lease of equipment and infrastructure.
- d)** The Meteorological System of Paraná - Simepar is a supplementary unit of the Independent Social Service Paraná Technology, linked to the State Department of Science, Technology and Higher Education. Simepar had contracts with Copel for services of weather forecast, meteorological reports, ampacity analysis, mapping and analyses of winds and atmospheric discharges.
- e)** BNDES is the parent company of BNDES Participações S.A. - BNDESPAR, which owns Copel shares (Note 31.1). On December 22, 2018, the shareholder agreement between the State of Paraná and BNDESPAR, signed on December 22, 1998, was ended.
- f)** BNDES and BNDESPAR acquired all the debentures issued by the subsidiaries Nova Asa Branca I, Nova Asa Branca II, Nova Asa Branca III, Nova Eurus IV and Ventos de Santo Uriel (Note 23).
- g)** Basic sanitation provided by Sanepar.
- h)** Charges for the use of the Transmission System and revenue from operating and maintenance contracts, engineering services and sharing of facilities with Copel GeT and UEGA.

- i) Copel DIS has Contracts for Connecting to the Transmission System - CCT with Caiuá Transmissora de Energia, with expiration until the concession of the distributor or transmitter expires, whichever occurs first.
- j) Copel DIS maintains a Contract for the Use of Transmission System (Cust) with ONS and power transmission concession operators whose subject matter is the contracting of Transmission System Use Amount (Must). Contracting is permanent and is regulated by ANEEL Normative Resolution 666/2015. Amounts are defined for four subsequent years, with annual reviews.
- k) Power purchase and sale agreement signed by Dona Francisca Energética and Copel GeT, expiring on March 31, 2025.
- l) Light pole sharing agreement, signed between Sercomtel S.A. Telecomunicações and Copel DIS.
- m) The Institute of Technology for Development (Lactec) is a Public Interest Civil Society Organization (OSCIP), in which Copel is an associate. Lactec has service and R&D contracts with Copel GeT, UEGA and Copel DIS, which are subject to prior or later control and approval by ANEEL.

Transactions arising from operations in a regulated environment are billed according to the criteria and definitions established by the regulatory agents.

37.1 Guarantees awarded to related parties

Sureties and guarantees granted by Copel to its subsidiaries for financing and debentures are informed in Notes 22 and 23.

Copel provided financial guarantees, in the form of corporate guarantee letter, for power purchase agreements made by Copel GeT, in the total amount of R\$3,534 (R\$3,246 at December 31, 2018) and made by Copel Energia, in the amount of R\$76,358 (R\$79,358 at December 31, 2018).

Sureties and guarantees granted by Copel and Copel GeT for financing, debentures and insurance contracts of joint ventures are shown below:

Company	Operation	Date issued	Final maturity	Amount approved	Balance 03.31.2019	Interest %	Amount guarantees
(1) Caiuá Transmissora	Financing	12.23.2013	02.15.2029	84,600	62,986	49.0	30,863
(2) Guaraciaba Transmissora	Financing	09.28.2016	01.15.2031	440,000	509,704	49.0	249,755
(3) Integração Maranhense	Financing	12.30.2013	02.15.2029	142,150	101,551	49.0	49,760
(4) Mata de Santa Genebra	Financing	11.30.2017	07.15.2033	1,018,500	991,129	50.1	496,556
(5) Matrinchã Transmissora	Financing	12.27.2013	05.15.2029	691,440	540,616	49.0	264,902
(6) Matrinchã Transmissora	Debentures	05.15.2016	06.15.2029	180,000	207,663	49.0	101,755
(7) Paranaíba Transmissora (a)	Financing	10.21.2015	10.15.2030	606,241	553,911	24.5	135,708
(8) Paranaíba Transmissora	Debentures	01.15.2017	03.15.2028	120,000	106,238	24.5	26,028
(9) Voltália São Miguel do Gostoso Participações S.A. (b) (c)	Debentures	01.15.2016	12.15.2028	57,000	50,834	49.0	24,909
(10) Usina de Energia Eólica Carnaúba S.A. (b) (c)	Financing	08.24.2015	11.15.2031	74,000	59,486	49.0	29,148
(11) Usina de Energia Eólica Reduto S.A. (b) (c)	Financing	08.24.2015	11.15.2031	70,000	55,815	49.0	27,349
(12) Usina de Energia Eólica Santo Cristo S.A. (b) (c)	Financing	08.24.2015	11.15.2031	74,000	58,179	49.0	28,508
(13) Usina de Energia Eólica São João S.A. (b) (c)	Financing	08.24.2015	11.15.2031	68,000	54,307	49.0	26,610
(14) Cantareira Transmissora de Energia	Financing	12.28.2016	09.15.2032	426,834	467,850	49.0	229,247
(15) Cantareira Transmissora de Energia	Debentures	01.09.2018	08.15.2032	100,000	102,471	49.0	50,211
							1,771,309

(a) Surety disclaimed on May 6, 2019

(b) Subsidiaries of Voltália São Miguel do Gostoso I Participações S.A.

(c) The declaration by BNDES of physical conclusion of the project in March 2019 reduces the surety amount to 40% of the outstanding debt balance.

Financial institution (fund provider):

BNDES: (1) (2) (3) (4) (5) (7) (10) (11) (12) (13) (14)

Allocation: Investment Program and/or Working capital.

Endorsement/Security:

Provided by Copel Geração e Transmissão: (1) (3);

Provided by Copel: (2) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15)

Securities offered for the transaction: Pledge of shares of Copel Geração e Transmissão proportional to the interest in projects.

Performance bond Company	Final maturity	Amount Insured	% endorsement Copel GeT	Amount endorsement
Matrinchã Transmissora	03.31.2019	90,000	49.0	44,100
Guaraciaba Transmissora	04.30.2019	47,000	49.0	23,030
Mata de Santa Genebra	02.14.2019	78,300	50.1	39,228
Cantareira Transmissora	11.30.2018	31,200	49.0	15,288
				121,646

38 Commitments

Commitments related to long-term contracts not yet incurred, and therefore not recognized in the financial statements, are as follows:

Consolidated	03.31.2019	12.31.2018
Energy purchase and transportation contracts	136,429,190	140,638,024
Additions to property, plant and equipment		
Construction of transmission lines and substations	191,617	214,086
Construction of HPP Colíder power plant	23,798	36,303
Construction of HPP Baixo Iguaçu	22,422	202,668
Construction of Cutia wind farm	35,219	40,392
Telecommunications works	110,416	115,710
Acquisition of assets for electricity distribution	524,786	528,109
Gas purchase contracts	1,238,722	1,339,848

39 Insurance

Details by peril type and effective date of the main insurance policies can be seen below:

Consolidated Policy	End of term	Insured amount
Nominated Risks	08.24.2019	2,226,749
Operational risks - Cutia and Bento Miguel	03.29.2020	1,815,711
Operational risks - UHE Colíder	11.01.2019	988,398
Operational risks - UEG Araucária (a)	11.30.2019	854,359
Operational risks - HPP Governador Jayme Canet Junior	11.23.2019	799,290
Operational risks - Brisa Potiguar	06.27.2019	770,713
Fire - owned and rented facilities	08.24.2019	619,414
Operational risks - São Bento	06.27.2019	489,357
Operational risks - Elejor	03.11.2019	302,616
Legal guarantee - Office of the General Counsel to the National Treasury	05.10.2020	326,712

(a) The values of the insured of operating risks - UEG Araucária have been translated from USD into BRL, with the current rate R\$3.8967 as of March 29, 2019.

In addition to the insurance policies listed above, the Company and its subsidiaries take out other insurance policies with lower values, such as: for liability of Directors and Officers (D&O), general civil liability, payment guarantee, sundry perils, national and international transportation, life, aircraft and vehicles. The guarantee insurance taken out by the subsidiaries, joint ventures and associates have Copel and/or Copel GeT as guarantor, within the limits of their share of interest in each project.

40 Additional information to the Statement of Cash Flows

40.1 Transactions not involving cash

Among the transactions carried out in the line item Contract assets, specified in Notes 11.1 and 11.2, the acquisitions totaled R\$232,811 (R\$135,109 at December 31, 2018). Of this amount, R\$57,124 (R\$31,970 at December 31, 2018) represent the amount of purchases made in installments and not settled through the end of the reporting period.

According to information in Note 18.2, property, plant and equipment acquisitions totaled R\$98,945 (R\$425,260 at March 31, 2018). Of this amount, R\$45,414 (R\$45,261 at March 31, 2018) represent the amount of purchases made in installments and not settled through the end of the reporting period.

In December 2018, there was acquisition in installments of the studies and projects denominated PCH Bela Vista and UHE Salto Grande, for the amount of R\$19,461, with the company Foz do Chopim Energética Ltda, such liability being recorded in accounts payable to suppliers. In the first quarter of 2019, there was partial settlement of the aforementioned negotiation, in the amount of R\$13,235, through a matching of accounts with the dividends receivable from that supplier, which is part of the Company's consolidated investments as associate.

The mentioned transactions did not involve cash and, for this reason, are not being presented in the statement of cash flows.

41 Subsequent events

41.1 Mata de Santa Genebra Transmissão S.A.

On April 22, 2019, Mata de Santa Genebra Transmissão S.A. concluded the issue of simple non-convertible debentures, in accordance with Law 12,431 of June 24, 2011 ("Infrastructure Debentures") for public distribution with restricted placement efforts, pursuant to CVM Instruction 476/2009, in the total amount of R\$210,000. The Company issued 210,000 debentures, with par value of R\$1.00 each, maturing within 11 years and 5 months, with semiannual amortization and interest, from November 15, 2020 to November 15, 2030. The debentures will earn interest corresponding to the variation of the IPCA, plus surcharge of 4.95% p.a. Copel's corporate guarantee was provided for this transaction, at the percentage of Copel Get's interest in Mata de Santa Genebra (50.1%). The funds raised will be used for implementation of the project or reimbursement of expenditures, expenses or debts related to its implementation.

41.2 Capital increase

On April 29, 2019, the 199th Extraordinary General Meeting approved a capital increase by R\$2,890,000, using the profit retention reserve balance.

41.3 Promissory notes

On May 9, 2019, Copel GeT received the proceeds from the 5th issue of promissory notes, in accordance with CVM Instruction 566/2015, CVM Instruction 476/2009 and other applicable legal and regulatory provisions ("Restricted Offering"), under a firm placement commitment regime, in the total amount of R\$650,000. 650 promissory notes were issued, with par value of R\$1.00 each, with interest and principal due on November 5, 2019. The promissory notes earn interest equivalent to 105.00% of the cumulative average daily DI variation. Copel's corporate guarantee was provided. The funds raised will be used in the refinancing of the issuer's debt, including, but not limited to, the payment of the 2nd principal installment of the issuer's 1st issue debentures, and in the improvement of its working capital.

COMMENTS ON PERFORMANCE /
for the quarters ended March 31, 2019 and 2018
All amounts expressed in thousands of Brazilian reais

1 Distribution Lines

Compact-Design Distribution Lines – Copel Distribuição S.A. has implemented compact-design distribution lines in urban areas with a high concentration of trees surrounding 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 installed at the end of March 2019 was 10,671km (9,778 km in March 2018), up by 893 km year-over-year, a variation of 9.1%.

Secondary Isolated Lines – Copel Distribuição is also investing in low-voltage (127/220V) secondary isolated lines, which offer substantial advantages over regular overhead lines, including: improvement in DEC - Equivalent Time of Interruption per Consumer Unit and FEC - Equivalent Frequency of Interruption per Consumer Unit 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 life due to the reduction of short-circuits, among other advantages. The total length of secondary isolated lines as of the end of March 2019 was 18,435 km (against 17,603 km in March 2018), up by 832 km year-over-year, a variation of 4.7%.

2 Power Market

Market behavior - Power generation by Copel Geração e Transmissão S.A. and wind farms totaled 4,825 GWh in the first three months of 2019 (against 5,799 GWh in the same period in 2018). The volume of energy purchased by Copel Distribuição by means of CCEARs (auctions) was 3,068 GWh (against 2,674 GWh in the same period in 2018), while the volume purchased from Itaipu was 1,375 GWh (against 1,413 GWh in the same period in 2018), as described below:

Energy Flow (GWh) (a) (b)		January through March 2019	
Own generation	4,825	39.0%	
Energy received	7,536	61.0%	
			Availability
			12,361
CCEAR	3,068		Captive Market
Itaipu	1,375		5,245
Dona Francisca	35		42.4%
CCEE (MCP)	-		Concessionaires
Angra:	243		64
CCGF:	1,590		0.5%
MRE:	20		Electricity sales to distributor CC
Elejor:	293		44
Proinfa:	111		0.4%
Others (1)	801		Assignment MCSD EN⁴
			164
			1.3%
			Free Customers
			1,590
			12.9%
			Energy Supplied
			4,655
			37.7%
			Bilateral Agreements
			2,005
			CCEAR
			871
			CER
			226
			CCEE(MCP)
			1,011
			MRE
			542
			Losses and differences
			599
			4.8%
			Basic Network Losses
			143
			Distribution Losses
			633
			CG Contracts
			(177)

CCEAR: Energy Purchase Agreements in the Regulated Market.

CER: Reserve Energy Agreements.

MRE: Energy Reallocation Mechanism.

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

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

¹ Other: Energy purchased by Copel Comercialização

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

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

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

Energy sale - The table below sets out Copel's total energy sales, broken down among Copel Distribuição, Copel Geração e Transmissão, Copel Comercialização and wind farms:

Segment	GWh		
	Jan - Mar 2019	Jan - Mar 2018	Var.
Copel Distribuição			
Captive Market	5,246	5,009	4.7%
Residential	1,998	1,849	8.1%
Industrial	658	709	-7.3%
Commercial	1,298	1,214	6.9%
Rural	665	632	5.2%
Other	627	605	3.6%
Concessionaries and Licensees	64	91	-29.4%
CCEE (MCP)	381	104	265.1%
Total Copel Distribuição	5,691	5,204	9.4%
Copel Geração e Transmissão			
CCEAR (Copel Distribuição)	31	23	34.5%
CCEAR (other concessionaries)	546	209	33.1%
Free Customers	974	909	7.1%
Bilateral Agreements (Copel Distribuição)	1,114	623	79.0%
Bilateral Agreements ¹	810	1,313	-38.3%
CCEE (MCP) ²	629	751	9.3%
Total Copel Geração e Transmissão	4,104	3,828	5.2%
Wind Farms Complex			
CCEAR (other concessionaries)	325	207	57.0%
CER (c)	226	88	156.8%
Total Wind Farms Complex	551	295	86.8%
Copel Comercialização			
Free Customers	616	480	28.3%
Bilateral Agreements	1,298	824	57.6%
CCEE (MCP) ²	-	-	-
Total Copel Comercialização	1,914	1,304	46.8%
Total	12,260	10,631	15.3%

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

¹ Includes Short Term Sales Agreements.

² Assured Power allocated in the period, does not consider the impact of the GSF.

CCEE: Electric Power Trade Chamber / CCEAR: Energy Purchase Agreements in the Regulated Market / MCP: Short Term Market / CER: Agreements Reserve Energy.

Captive Market of Copel Distribuição - Energy sales to Copel Distribuição's captive market totaled 5,246 GWh in the first three months of 2019, up by 4.7% against the same period in 2018. This result was mainly influenced by the increase in the consumption of the residential and commercial segments, in particular by the high temperatures in January, with average variation above 10%, in addition to more business days in February.

The residential segment consumed 1,998 GWh from January to March 2019, up by 8.1% caused by (i) the increase in average monthly energy consumption (176 kWh/month in 1Q19 compared to 166 kWh/month in 1Q18), mainly due to maximum temperatures recorded in January, which surpassed the historical average in several regions of the Paraná State, leading to an increase in the use of fans and air conditioners; and (ii) the increase of 1.9% in the number of clients. In the first quarter of 2019, the consumption of the residential segment was equivalent to 38.1% of the captive market, totaling 3,772,134 consumers.

The consumption of the industrial segment decreased by 7.3% in the first quarter of 2019, to 658 GWh, mainly caused by the migration of captive clients to the free market, which would represent an average consumption of approximately 82 GWh in the quarter. By the end of March 2019, the industrial segment represented 12.5% of the captive market's consumption with 72,510 consumers.

The commercial segment consumed 1,298 GWh in the first quarter of 2019, up by 6.9% compared to the same period in 2018. This result was due to the good performance of the retail trade in the Paraná State – growth of 3.3% and 4.4 % in January and February, respectively, compared to the same months in 2018 - and the increase in the client base recorded at the end of March 2019. At the end of this quarter, this segment represented 24.7% of the captive market with 401,293 consumers.

The rural segment recorded a 5.2% increase in energy consumption in the first quarter of 2019, totaling 665 GWh. By the end of March 2019, the segment accounted for 12.7% of the Copel's captive market, totaling 351,663 consumers.

The consumption of other segments (public bodies, public lighting, public services and own consumption) totaled 627GWh from January to March 2019, with an increase of 3.6%. Jointly, these segments accounted for 12.0% of the captive market, totaling 57,762 consumers at the end of March 2019.

Number of consumers – The number of end consumers (captive consumers of Copel Distribuição and free consumers of Copel GeT, Copel Comercialização and other suppliers within the concession area of Copel Distribuição) billed in March 2019 was 4,656,533, up by 1.7% against the same month in 2018.

Segment	Mar 2019	Mar 2018	Var.
Residential	3,772,134	3,701,338	1.9%
Industrial	72,510	76,038	-4.6%
Commercial	401,293	391,104	2.6%
Rural	351,663	353,653	-0.6%
Others	57,762	57,527	0.4%
Total Captive Market	4,655,362	4,579,660	1.7%
Grid Supply (a)	7	6	16.7%
Free Customers (b)	1,164	1,005	15.8%
Total geral	4,656,533	4,580,671	1.7%

(a) Total grid supply in the captive market (concessionaires and licensees) and free.

(b) All free customers served by Copel GeT, Copel Comercialização and other suppliers at the Copel Distribuição concession area.

3 Management

Headcount

Employees	Mar 2019	Mar 2018
Copel and subsidiaries		
Copel	76	77
Copel Geração e Transmissão	1,666	1,722
Copel Distribuição	5,325	5,679
Copel Telecomunicações	466	643
Copel Comercialização	35	37
	7,568	8,158
Affiliated Company		
Compagás	159	162
Elejor	7	7
UEG Araucária	17	17
	183	186

4 Market Relations

From January to March 2019, Copel's common (ON – ticker CPLE3) and class B preferred registered shares (PNB – ticker CPLE6) were traded in 100% of trading sessions of Brasil Bolsa Balcão (B3).

The shares outstanding totaled 68.92% of the Company's capital stock. At the end of March 2019, Copel's market value was R\$9,326,381 thousand, based on quotations of all markets.

Copel's share in the portfolio of the Electric Power Sector Index (ISE) was 5.878%.

Copel PNB's share in B3 – Corporate Sustainability Index (ISE) was 1.39%.

In B3, ON shares closed the period traded at R\$32.10, with a positive variation of 7.72%, while PNB shares closed at R\$36.40, with a positive variation of 10.15%. In the same period the IBOVESPA index recorded a positive variation of 8.56%.

On the New York Stock Exchange (NYSE), PNB shares were traded at “Level 3”, in the form of ADSs, under ticker ELP, and were traded in 100% of the trading sessions, closing the period at US\$9.28, with a positive variation of 18.52%. Also in this period the Dow Jones Index recorded a positive variation of 11.15%.

On the Latibex (the Euro market for Latin American Securities), which is connected to the Madrid Stock Exchange), the Company's PNB shares were traded under the ticker XCOP in 19% of the trading sessions, closing the period at € 8.95, with a positive variation of 25.17% In the same period, the Latibex All Shares index recorded a positive variation of 13.73%.

The table below is a summary of Copel's share trading between January and March 2019:

Stock Performance (Jan - Mar/2019)	ON		PNB	
	Total	Daily average	Total	Daily average
B3				
Number of Trades	38,281	638	252,829	4,214
Volume Traded	9,103,200	151,720	62,043,700	1,034,062
Trading Value (R\$ thousand)	293,466	4,891	2,166,289	36,105
Presence in Trading Sessions	60	100%	60	100%
Nyse				
Volume Traded	190,200	3,804	28,216,045	462,558
Trading Value (US\$ thousand)	1,559	31	260,491	4,270
Presence in Trading Sessions	50	82%	61	100%
Latibex				
Volume Traded	-	-	10,870	906
Trading Value (€ thousand)	-	-	88	7
Presence in Trading Sessions	-	-	12	19%

5 Tariffs

Power distribution tariffs

Retail distribution average rate (a) - R\$/MWh	Mar 2019	Mar 2018	Var.
Industrial (b)	598.38	449.14	33.2%
Residential	505.00	440.49	14.6%
Commercial	487.45	411.08	18.6%
Rural	341.76	292.35	16.9%
Other	350.30	303.12	15.6%
	471.68	398.80	18.3%

(a) Without ICMS and Pis/Cofins. Does not consider tariff flags.

(b) Free customers not included.

Power purchase tariffs

Tariff Supply* - R\$/MWh	Mar 2019	Mar 2018	Var.
Itaipu (a)	245.25	228.12	7.5%
Auction 2010 - H30	225.12	218.27	3.1%
Auction 2010 - T15 (b)	110.77	187.41	-40.9%
Auction 2011 - H30	232.16	226.05	2.7%
Auction 2011 - T15 (b)	183.11	163.35	12.1%
Auction 2012 - T15 (b)	191.20	299.22	-36.1%
Auction 2016 - T20 (b)	156.48	161.57	-3.2%
Auction CCEAR 2014 - 2019 (c)	168.81	144.49	16.8%
Auction CCEAR 2014 - 2019 (d)	-	333.19	-
Bilaterais	245.06	240.53	1.9%
Angra	248.48	243.33	2.1%
CCGF (e)	93.54	75.84	23.3%
Santo Antonio	143.84	139.84	2.9%
Jirau	126.51	123.00	2.9%
Other auctions (f)	161.01	185.20	-13.1%
Tariff Average Supply	168.13	165.32	21.0%

(a) Furnas transport charge not included.

(b) Auction average price according to bilateral payment to sellers. Does not include contracting effects accounted for by CCEE.

(c) Energy Agreements.

(d) Capacity Agreements.

(e) Contract of quotas of assured power of those HPPs which concessions were extended pursuant the new rules of Law 12783/11.

(f) Products average price.

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

Power supply tariffs

Tariff Weighted Average Supply - R\$/MWh	Mar 2019	Mar 2018	Var.
Auction - CCEAR 2011-2040	218.54	210.87	3.6%
Auction - CCEAR 2013-2042	238.99	229.28	4.2%
Auction - CCEAR 2015 - 2044 (a)	166.64	160.85	3.6%
Auction - CCEAR 2018 - 2048	174.25	-	-
Concession holders in the State of Paraná	291.30	260.27	11.9%

With PIS/COFINS. Net of ICMS.

(a) For the year 2018, Colider's energy was submitted to the New Energy MCSD. The service of the CCEARs is being partially realized in proportion to the commercial start-up of their units, according to preliminary injunction under action number 1018935-95.2017.4.01.3400.

6 Economic and Financial Results

Revenues (Note 32)

Until March 2019, net operating revenues were R\$3,896,006, or 16.3% up against R\$3,348,681 recorded in the same period in 2018.

This variation was mainly explained by:

- a) 23.7% increase in Revenues from Electricity Sales to Final Customers, mainly caused by the 6.8% increase in the volume of energy sold to end consumers – mainly the 4.7% increase in consumption of the captive market of Copel DIS and 11.2% increase in consumption of the industrial free market of Copel GeT and Copel Comercialização – as well as the tariff adjustment of Copel DIS by 15.61%, effective June 24, 2018;
- b) 6.9% increase in Revenues from Electricity Sales to Distributors, mainly caused by the increase in sales through regulated environment contracts, due to the start of operation of new projects;
- c) 37.0% increase in Revenues from the Use of Main Distribution and Transmission Grid, mainly caused by the adjustment by 16.41% in June 2018 (0.85% in June 2017) and the recovery of the wire market by 5.1% in the period;
- d) 19.4% increase in Revenues from Telecommunications, chiefly due to the increase in the number of clients, particularly in the retail market with the Copel Fibra product; and
- e) 46.2% increase in Revenues from Distribution of Piped Gas impacted by the increase in gas sales due to the increase in the gas volume consumed, as well as a tariff adjustment by 16% compared to prior year;
- f) 133.2% decrease in Sectorial Financial Assets and Liabilities, mainly caused by the amortization of the amounts considered in the 2018 adjustment and a slight variation in the balances for the 2019 adjustment; and
- g) 46.5% increase in Other Operating Revenues due to the increase in revenue from services rendered and revenues from leases and rentals.

Operating Costs and Expenses (Note 33)

Operating costs and expenses totaled R\$3,043,019, up by 9.2% compared to R\$2,786,599 recorded in the same period in 2018. The main highlights were as follows:

- a) 18.4% increase in Electricity purchased for resale, especially given the increase in energy purchases related to the trading company and the price variation in the period;
- b) 27.1% decrease in Personnel and management mainly due to the provision for the voluntary employee termination program in the amount of R\$91,152 recorded in 2018 and with no effects in 2019 due to the end of the program, the reduction of headcount and the cost reduction policy; partially offset by the salary adjustment, according to the collective bargaining agreement, of 3.97% in October 2018;
- c) 25.7% increase in the Depreciation and amortization account due to the integration of Colíder, Cutia and Baixo Iguaçu plants, as well as higher depreciation of telecommunication assets; and
- d) 11.6% decrease in the Credit losses, provisions and reversals account, mainly due lower amount of recorded labor contingencies compared to the same period in the prior year.

Financial Results (Note 34)

The variation of R\$28,546 in financial results, corresponding to 41.0% compared to the same period in 2018, is mainly due to a 10.8% increase in financial expenses, due to higher monetary and exchange variations and debt charges.

EBITDA

EBITDA (earnings before interest, taxes, depreciation and amortization) is as follows:

Consolidated	03.31.2019	Restated 03.31.2018
Net income	505.962	355.854
Deferred IRPJ and CSLL	(24.619)	(64.254)
Provision for IRPJ and CSLL	289.816	245.607
Financial expenses (income), net	98.213	69.667
Ebit	869.372	606.874
Depreciation and amortization	222.772	177.210
Ebitda	1.092.144	784.084
Net operating revenues - ROL	3.896.006	3.348.681
Ebitda Margin% (Ebitda ÷ ROL)	28,0%	23,4%

The EBITDA is a non-accounting measure prepared by the Company, reconciled with its financial statements, in accordance with the provisions of Circular Letter/CVM/SNC/SEP 01/2007 and CVM Instruction 527/2012. It is not a measure recognized by accounting practices adopted in Brazil or international accounting standards, does not have a standard meaning and cannot be comparable to measures with similar titles provided by other companies. The Company discloses it because it is used to measure its performance.

The EBITDA cannot be considered separately or as a substitute of net income or operating income, as an indicator of operating performance or cash flow, or to measure the liquidity or the ability to pay debt.

COMPOSITION OF GROUPS RESPONSIBLE FOR GOVERNANCE

BOARD OF DIRECTORS

Chairman	MARCEL MARTINS MALCZEWSKI
Members	DANIEL PIMENTEL SLAVIERO MARCO ANTÔNIO BARBOSA CÂNDIDO CARLOS BIEDERMANN GUSTAVO BONINI GUEDES LUIZ CLAUDIO MAIA VIEIRA LEILA ABRAHAM LORIA OLGA STANKEVICIUS COLPO ADRIANA ANGELA ANTONIOLLI

STATUTORY AUDIT COMMITTEE

Chairman	MARCO ANTÔNIO BARBOSA CÂNDIDO
Financial Expert	CARLOS BIEDERMANN
Members	LUIZ CLAUDIO MAIA VIEIRA LEILA ABRAHAM LORIA OLGA STANKEVICIUS COLPO

SUPERVISORY BOARD

Chairman	DEMETRIUS NICHELE MACEI
Sitting Members	HARRY FRANÇÓIA JÚNIOR NILSO ROMEU SGUAREZI ROBERTO LAMB LETÍCIA PEDERCINI ISSA MAIA
Deputy Members	ADRIAN LIMA DA HORA JOÃO LUIZ GIONA JR OTAMIR CESAR MARTINS VANESSA CLARO LOPES GILBERTO PEREIRA ISSA

EXECUTIVE BOARD

Chief Executive Officer	DANIEL PIMENTEL SLAVIERO
Enterprise Management Officer	ANA LETÍCIA FELLER
Chief Financial and Investor Relations Officer	ADRIANO RUDEK DE MOURA
Chief Business Development Officer	CASSIO SANTANA DA SILVA
Chief Legal and Institutional Relations Officer	EDUARDO VIEIRA DE SOUZA BARBOSA
Chief Governance, Risk and Compliance Officer	VICENTE LOIÁCONO NETO
Assistant Officer	DAVID CAMPOS

ACCOUNTANT

CRC-PR-045809/O-2	ADRIANO FEDALTO
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Information about this report:

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(Free Translation into English from the Original Previously Issued in Portuguese)

REPORT ON REVIEW OF INTERIM FINANCIAL INFORMATION

To the Shareholders and Management of
Companhia Paranaense de Energia – COPEL
Curitiba - PR

Introduction

We have reviewed the accompanying individual and consolidated interim financial information of Companhia Paranaense de Energia - COPEL (the "Company"), included in the Quarterly Information Form - ITR for the quarter ended March 31, 2019, which comprises the statement of financial position as at March 31, 2019 and the related statements of income, of comprehensive income, of changes in equity and of cash flows for the three-month period then ended, including the explanatory notes.

The Company's Management is responsible for the preparation of this individual and consolidated interim financial information in accordance with technical pronouncement CPC 21 (R1) – Interim Financial Reporting and with international standard IAS 34– Interim Financial Reporting issued by the International Accounting Standards Board – IASB, as well as for the presentation of such information in accordance with the standards issued by the Brazilian Securities and Exchange Commission - CVM, applicable to the preparation of Quarterly Information - ITR. Our responsibility is to express a conclusion on this interim financial information based on our review.

Scope of review

We conducted our review in accordance with Brazilian and international standards on review of interim financial information (NBC TR 2410 and ISRE 2410 - Review of Interim Financial Information Performed by the Independent Auditor of the Entity, respectively). A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with the standards on auditing and, consequently, does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion on the individual and consolidated interim financial information

Based on our review, nothing has come to our attention that causes us to believe that the accompanying individual and consolidated interim financial information included in the Quarterly Information - ITR referred to above has not been prepared, in all material respects, in accordance with technical pronouncement CPC 21 (R1) and international standard IAS 34 applicable to the preparation of Quarterly Information - ITR and presented in accordance with the standards issued by the Brazilian Securities and Exchange Commission - CVM.

(Free Translation into English from the Original Previously Issued in Portuguese)

Emphasis of matter

Restatement of the financial information at March 31, 2018

On May 15, 2018, we issued an unmodified report on review of the Company's interim financial information, which is now being restated. As described in note 3.6, the interim financial information at March 31, 2018 has been adjusted and is being restated as set out in CPC 23 – Accounting Policies, Changes in Accounting Estimates and Errors and CPC 26(R1) – Presentation of Financial Statements to reflect the effects from application of CPC 47 – Revenue from Contracts with Customers, in joint ventures, in calculating equity in earnings of investees. Our conclusion is not modified in respect of this matter.

Other matters

Statements of value added

We have also reviewed the individual and consolidated statements of value added ("DVA") for the three-month period ended March 31, 2019, prepared under the responsibility of the Company's Management, the presentation of which in the interim financial information is required by the standards issued by the CVM applicable to the preparation of Quarterly Information – ITR, and considered supplemental information by International Financial Reporting Standards - IFRS, issued by the IASB, which do not require the presentation of a DVA. These statements were subject to the same review procedures previously described and, based on our review, nothing has come to our attention that causes us to believe that they have not been prepared, in all material respects, in relation to the interim financial information taken as a whole.

Curitiba, May 14, 2019

DELOITTE TOUCHE TOHMATSU
Auditores Independentes

Fernando de Souza Leite
Engagement Partner

SUPERVISORY BOARD'S OPINION ON THE INTERIM FINANCIAL INFORMATION FOR THE FIRST QUARTER OF 2019

The members of the Supervisory Board of Companhia Paranaense de Energia - Copel, undersigned, in accordance with their legal and statutory duties and responsibilities, have examined the Interim Financial Information for the 1st quarter of 2019 approved by the Company's Board of Directors at the meeting held on this date. The minutes were received and assessed individually by the members prior to the meeting and were previously discussed with the Management and the independent auditors. Based on the work performed over the quarter, the analyses performed, the monitoring of discussions on internal controls and the clarifications provided by Management and the independent auditors and also considering the Limited Review Report of the Independent Auditors Deloitte Touche Tohmatsu Auditores Independentes, issued without qualifications, the members of the Supervisory Board declare that they are not aware of any facts or evidences that are not reflected in the Interim Financial Information for the quarter ended March 31, 2019 and conclude that this information may be disclosed.

Curitiba, May 14, 2019

/s/

DEMETRIUS NICHELE MACEI
Chairman

/s/

HARRY FRANÇÓIA JÚNIOR

/s/

LETÍCIA PEDERCINI ISSA MAIA

/s/

OTAMIR CESAR MARTINS

/s/

ROBERTO LAMB

STATEMENT

By this document, the Officers of Companhia Paranaense de Energia - Copel, publicly-held mixed capital company, with its headquarters at Rua Coronel Dulcídio nº 800,- PR, Curitiba - PR, enrolled with the National Registry of Legal Entities (CNPJ) under No. 76.483.817/0001-20, for the purposes of the provisions in item II, paragraph 1 of article 29 of CVM Instruction 480/2009, state that:

(i) We have reviewed and discussed and agree with the opinions expressed in the audit report of Deloitte Touche Tohmatsu Auditores Independentes related to the interim financial information of Copel included in the Quarterly Information Form - ITR as of March 31, 2019; and

(ii) We have reviewed and discussed and agree with the interim financial information of Copel included in the Quarterly Information Form - ITR as of March 31, 2019.

In witness whereof, we sign this document.

Curitiba, May 14, 2019

/s/

Daniel Pimentel Slaviero
Chief Executive Officer

/s/

Ana Letícia Feller
Chief Enterprise Management Office
and Chief Governance, Risk and
Compliance Officer (in office)

/s/

Adriano Rudek de Moura
Chief Financial and Investor Relations Officer

/s/

Cassio Santana da Silva
Chief Business Development

/s/

Eduardo Vieira de Souza Barbosa
Chief Legal and Institutional Relations Officer