

Companhia Paranaense de Energia

Corporate Taxpayer's ID (CNPJ/MF) 76.483.817/0001-20

State Registration 10146326-50

Publicly-Held Company - CVM 1431-1

www.copel.com copel@copel.com

Rua Coronel Dulcídio, 800, Batel - Curitiba - PR

CEP 80420-170

QUARTERLY INFORMATION

June / 2020

CONTENTS

FINANCIAL STATEMENTS.....	3
Statements of Financial Position.....	3
Statements of Income - Changes in the Second Quarter	6
Statements of Comprehensive Income.....	7
Statements of Comprehensive Income - Changes in the Second Quarter.....	7
Statements of Changes in Equity.....	8
Statements of Cash Flows.....	9
Statements of Added Value	11
NOTES TO THE FINANCIAL STATEMENTS	13
1 Operations	13
2 Concessions and Authorizations	21
3 Basis of Preparation.....	25
4 Significant Accounting Policies.....	26
5 Cash and Cash Equivalents	27
6 Bonds and Securities	27
7 Trade Accounts Receivable	28
8 CRC Transferred to the Paraná State Government	30
9 Net Sectorial Financial Assets and Liabilities	31
10 Accounts Receivable - Concessions	33
11 Contract assets.....	34
12 Other Receivables	36
13 Taxes.....	37
14 Prepaid Expenses.....	41
15 Receivables from Related Parties	42
16 Judicial Deposits	43
17 Investments	43
18 Property, Plant and Equipment.....	47
19 Intangible assets	50
20 Payroll, Social Charges and Accruals.....	51
21 Accounts Payable to Suppliers.....	52
22 Loans and Financing.....	53
23 Debentures	57
24 Post-employment Benefits	59
25 Sectorial Charges Due	61
26 Research and Development and Energy Efficiency	61
27 Accounts Payable Related to Concessions	62
28 Right-of-use asset and lease liability	62
29 Other Accounts Payable	64
30 Provisions for Legal Claims and Contingent Liabilities.....	64
31 Equity.....	71
32 Net Operating Revenue	73
32.2 Leases and rentals.....	75
33 Operating Costs and Expenses.....	77
34 Financial Results.....	83
35 Operating Segments	84
36 Financial Instruments	88
37 Related Party Transactions	104
38 Commitments.....	107
39 Insurance	108
40 Additional information to the Statement of Cash Flows.....	108
41 Subsequent events	109
COMMENTS ON PERFORMANCE	110
1 Distribution Lines	110
2 Power Market.....	111
3 Management.....	114
4 Market Relations	115
5 Tariffs.....	116
6 Economic and Financial Results	117
COMPOSITION OF GROUPS RESPONSIBLE FOR GOVERNANCE.....	120
REPORT ON REVIEW OF INTERIM FINANCIAL INFORMATION.....	121
SUPERVISORY BOARD'S OPINION	123
STATEMENT	124

FINANCIAL STATEMENTS

Statements of Financial Position

as of June 30, 2020 and December 31, 2019

All amounts expressed in thousands of Brazilian reais

ASSETS	Note	Parent Company		Consolidated	
		06.30.2020	12.31.2019	06.30.2020	12.31.2019
CURRENT ASSETS					
Cash and cash equivalents	5	49,799	25,304	2,902,007	2,941,727
Bonds and securities	6	90	90	1,455	3,112
Collaterals and escrow accounts		-	-	154	147
Trade accounts receivable	7	-	-	2,877,803	3,120,168
Dividends receivable		746,089	760,719	58,439	70,092
CRC transferred to the Paraná State Government	8	231,631	219,236	231,631	219,236
Sectorial financial assets	9	-	-	536,359	355,570
Accounts receivable - concessions	10	-	-	141,914	58,842
Contract assets	11	-	-	106,830	107,443
Other current receivables	12	1,197	1,068	458,046	426,865
Inventories		-	-	150,869	130,442
Income tax and social contribution receivable		9,436	5,876	269,017	236,929
Other current recoverable taxes	13.2	-	-	925,191	205,060
Prepaid expenses	14	450	95	24,754	33,563
Receivable from related parties	15	31,587	6,039	-	-
		1,070,279	1,018,427	8,684,469	7,909,196
NONCURRENT ASSETS					
Long Term Assets					
Bonds and securities	6	-	-	287,659	278,969
Other temporary investments		24,746	27,734	24,746	27,734
Collaterals and escrow accounts	22.1	-	-	139,754	98,433
Trade accounts receivable	7	-	-	51,202	62,399
CRC transferred to the Paraná State Government	8	1,067,624	1,131,449	1,067,624	1,131,449
Judicial deposits	16	125,458	124,219	506,796	504,190
Sectorial financial assets	9	-	-	222,530	118,419
Accounts receivable - concessions	10	-	-	2,489,994	2,558,796
Contract assets	11	-	-	4,306,513	3,943,941
Other noncurrent receivables	12	7,444	7,444	810,979	661,759
Income tax and social contribution receivable		120,623	123,951	139,380	142,532
Deferred income tax and social contribution	13.1	158,110	154,364	1,014,028	1,011,866
Other noncurrent recoverable taxes	13.2	88,073	87,597	5,181,559	322,011
Prepaid expenses	14	-	-	132	132
Receivable from related parties	15	147,210	108,983	-	-
		1,739,288	1,765,741	16,242,896	10,862,630
Investments	17	19,078,319	17,286,220	2,583,362	2,523,179
Property, plant and equipment	18	1,149	1,143	10,272,120	10,592,103
Intangible assets	19	1,208	1,321	6,429,981	6,332,611
Right-of-use asset	28	194	271	129,127	92,831
		20,820,158	19,054,696	35,657,486	30,403,354
TOTAL ASSETS		21,890,437	20,073,123	44,341,955	38,312,550

Notes are an integral part of these quarterly information

Statements of Financial Position
as of June 30, 2020 and December 31, 2019 (continued)
All amounts expressed in thousands of Brazilian reais

LIABILITIES	Note	Parent Company		Consolidated	
		06.30.2020	12.31.2019	06.30.2020	12.31.2019
CURRENT LIABILITIES					
Payroll, social charges and accruals	20	11,899	8,437	382,025	337,044
Accounts payable to related parties		280,715	696	-	-
Accounts payable to suppliers	21	10,628	3,956	1,471,402	1,685,280
Income tax and social contribution payable		6,241	1,811	779,103	60,132
Other taxes due	13.2	135	120	572,434	501,068
Loans and financing	22	256,262	39,628	461,797	255,521
Debentures	23	303,548	315,008	778,350	1,164,301
Dividend payable		295,817	588,563	373,560	616,356
Post-employment benefits	24	214	378	67,326	66,004
Sectorial charges due	25	-	-	12,670	28,508
Research and development and Energy efficiency	26	-	-	358,021	375,395
Accounts payable related to concession	27	-	-	76,265	73,032
Sectorial financial liabilities	9	-	-	393,187	-
Lease liability	28	105	158	37,786	33,573
Other accounts payable	29	632	116	172,961	149,407
PIS and Cofins to be refunded to consumers	13.2.1	-	-	120,648	-
		1,166,196	958,871	6,057,535	5,345,621
NONCURRENT LIABILITIES					
Accounts payable to related parties		-	145	-	-
Payroll, social charges and accruals	21	-	-	191,215	187,913
Deferred income tax and social contribution	13.1	-	-	360,031	293,666
Other taxes due	13.2	2,910	2,817	650,987	662,114
Loans and financing	22	528,686	746,075	2,570,593	2,886,862
Debentures	23	498,551	797,713	6,953,173	7,265,409
Post-employment benefits	24	8,874	8,658	1,140,979	1,128,932
Research and development and Energy efficiency	26	-	-	318,761	282,776
Accounts payable related to concession	27	-	-	558,163	539,555
Sectorial financial liabilities	9	-	-	-	102,284
Lease liability	28	101	125	96,349	63,031
Other accounts payable	29	1,355	1,434	421,738	349,462
PIS and Cofins to be refunded to consumers	13.2.1	-	-	3,783,134	-
Provisions for legal claims	30	310,990	304,871	1,589,538	1,606,713
		1,351,467	1,861,838	18,634,661	15,368,717
EQUITY					
Attributable to controlling shareholders					
Capital	31.1	10,800,000	10,800,000	10,800,000	10,800,000
Equity valuation adjustments	31.2	561,102	591,927	561,102	591,927
Legal reserve		1,014,248	1,014,248	1,014,248	1,014,248
Profit retention reserve		4,846,239	4,846,239	4,846,239	4,846,239
Accumulated profit		2,151,185	-	2,151,185	-
		19,372,774	17,252,414	19,372,774	17,252,414
Attributable to non-controlling interests	17.2.2	-	-	276,985	345,798
		19,372,774	17,252,414	19,649,759	17,598,212
TOTAL LIABILITIES & EQUITY		21,890,437	20,073,123	44,341,955	38,312,550

Notes are an integral part of these quarterly information

Statements of Income

for the quarter ended June 31, 2020 and 2019

All amounts expressed in thousands of Brazilian reais

(Valores expressos em milhares de reais, exceto o lucro líquido por ação)

	Note	Parent Company		Consolidated	
		06.30.2020	06.30.2019	06.30.2020	06.30.2019
NET OPERATING REVENUE	32	-	-	8,821,265	7,561,721
Operating costs	33	-	-	(5,846,225)	(5,396,757)
GROSS PROFIT		-	-	2,975,040	2,164,964
Operational expenses / income					
Selling expenses	33	-	-	(128,073)	(108,163)
General and administrative expenses	33	(41,246)	(21,878)	(374,132)	(344,917)
Other operational income (expenses)	33	(10,649)	(3,112)	(119,128)	(163,809)
Equity in earnings of investees	17	2,114,239	842,649	27,377	7,695
		2,062,344	817,659	(593,956)	(609,194)
PROFIT BEFORE FINANCIAL RESULTS AND TAXES		2,062,344	817,659	2,381,084	1,555,770
Financial results	34				
Financial income		99,937	117,784	1,325,100	387,951
Financial expenses		(34,775)	(85,819)	(515,446)	(613,907)
		65,162	31,965	809,654	(225,956)
OPERATING PROFIT		2,127,506	849,624	3,190,738	1,329,814
INCOME TAX AND SOCIAL CONTRIBUTION	13.3				
Current		(10,892)	(5,907)	(1,020,679)	(450,099)
Deferred		3,746	3,602	(64,203)	(26,812)
		(7,146)	(2,305)	(1,084,882)	(476,911)
NET INCOME		2,120,360	847,319	2,105,856	852,903
Attributed to controlling shareholders		-	-	2,120,360	847,319
Attributed to non-controlling interest	17.2.2	-	-	(14,504)	5,584
BASIC AND DILUTED NET EARNING PER SHARE ATTRIBUTED TO CONTROLLING SHAREHOLDERS - Expressed in Brazilian Reais	31.3				
Common shares		7.40045	2.95730		
Class "A" Preferred shares		8.14049	3.25303		
Class "B" Preferred shares		8.14049	3.25303		

Notes are an integral part of these quarterly information

Statements of Income - Changes in the Second Quarter

for the quarters ended June 30, 2020 and 2019

All amounts expressed in thousands of Brazilian reais

	Note	Parent Company		Consolidated	
		04.01.2020 to 06.30.2020	Restated 04.01.2019 to 06.30.2019	04.01.2020 to 06.30.2020	Restated 04.01.2019 to 06.30.2019
NET OPERATING REVENUE	32	-	-	4,667,324	3,665,715
OPERATING COSTS	33	-	-	(2,848,834)	(2,666,022)
GROSS PROFIT		-	-	1,818,490	999,693
Operational expenses / income					
Selling expenses	33	-	-	(73,160)	(61,483)
General and administrative expenses	33	(21,965)	(11,666)	(200,249)	(171,635)
Other operational income (expenses)	33	(2,503)	(2,233)	(36,287)	(71,487)
Equity in earnings of investees		1,600,785	349,638	4,505	(8,690)
		1,576,317	335,739	(305,191)	(313,295)
PROFIT BEFORE FINANCIAL RESULTS AND TAXES		1,576,317	335,739	1,513,299	686,398
Financial results	34				
Financial income		54,098	55,199	1,109,242	181,307
Financial expenses		(14,488)	(41,917)	(205,002)	(309,050)
		39,610	13,282	904,240	(127,743)
OPERATING PROFIT		1,615,927	349,021	2,417,539	558,655
INCOME TAX AND SOCIAL CONTRIBUTION	13.3				
Current		(7,418)	444	(753,700)	(160,283)
Deferred		(419)	(137)	(68,899)	(51,431)
		(7,837)	307	(822,599)	(211,714)
NET INCOME		1,608,090	349,328	1,594,940	346,941
Attributed to controlling shareholders		-	-	1,608,090	349,328
Attributed to non-controlling interest		-	-	(13,150)	(2,387)
BASIC AND DILUTED NET EARNING PER SHARE ATTRIBUTED TO CONTROLLING SHAREHOLDERS - Expressed in Brazilian Reais	31.3				
Common shares		5.6125	1.2192	-	-
Class "A" Preferred shares		6.1738	1.3411	-	-
Class "B" Preferred shares		6.1738	1.3411	-	-

Notes are an integral part of this quarterly information

Statements of Comprehensive Income

for the quarter ended June 30, 2020 and 2019

All amounts expressed in thousands of Brazilian reais

	Note	Parent Company		Consolidated	
		06.30.2020	06.30.2019	06.30.2020	06.30.2019
NET INCOME		2,120,360	847,319	2,105,856	852,903
Other comprehensive income		-	-	-	-
TOTAL COMPREHENSIVE INCOME		2,120,360	847,319	2,105,856	852,903
Attributed to controlling shareholders				2,120,360	847,319
Attributed to non-controlling interest				(14,504)	5,584

Notes are an integral part of these quarterly information

Statements of Comprehensive Income - Changes in the Second Quarter

for the quarters ended June 30, 2020 and 2019

All amounts expressed in thousands of Brazilian reais

	04.01.2020 to 06.30.2020	Parent Company		Consolidated	
		Restated 04.01.2019 to 06.30.2019	Restated 04.01.2019 to 06.30.2019	Restated 04.01.2019 to 06.30.2019	Restated 04.01.2019 to 06.30.2019
NET INCOME	1,608,090	349,328	1,594,940	346,941	
Total comprehensive income, net of taxes	-	-	-	-	
TOTAL COMPREHENSIVE INCOME	1,608,090	349,328	1,594,940	346,941	
Attributed to controlling shareholders			1,608,090	349,328	
Attributed to non-controlling interest			(13,150)	(2,387)	

Notes are an integral part of these quarterly information

Statements of Changes in Equity
 for the quarter ended June 30, 2020 and 2019
 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		Accumulated profit			
			Deemed cost	Other comprehensive income	Legal reserve	Profit retention reserve				
Balance as of January 1, 2020		10,800,000	739,994	(148,067)	1,014,248	4,846,239	-	17,252,414	345,798	17,598,212
Net Income (loss)		-	-	-	-	-	2,120,360	2,120,360	(14,504)	2,105,856
Total comprehensive income		-	-	-	-	-	2,120,360	2,120,360	(14,504)	2,105,856
Realization - deemed cost, net of taxes	31.2	-	(30,825)	-	-	-	30,825	-	-	-
Deliberation of additional dividends proposed	17.2.2	-	-	-	-	-	-	-	(51,799)	(51,799)
Dividends	17.2.2	-	-	-	-	-	-	-	(2,510)	(2,510)
Balance as of June 30, 2020		10,800,000	709,169	(148,067)	1,014,248	4,846,239	2,151,185	19,372,774	276,985	19,649,759

Notes are an integral part of this quarterly information

		Attributable to controlling shareholders						Shareholders' equity	Attributable to non - controlling interests	Equity Consolidated
		Capital	Equity valuation adjustments		Profit reserves		Accumulated profit			
			Deemed cost	Other comprehensive income	Legal reserve	Profit retention reserve				
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		-	-	-	-	-	847,319	847,319	5,584	852,903
Total comprehensive income		-	-	-	-	-	847,319	847,319	5,584	852,903
Realization - deemed cost, net of taxes		-	(32,816)	-	-	-	32,816	-	-	-
Deliberation of additional dividends proposed		-	-	-	-	-	-	-	(3,335)	(3,335)
Capital increase		2,890,000	-	-	-	(2,890,000)	-	-	-	-
Dividends		-	-	-	-	-	-	-	(4,091)	(4,091)
Balance as of June 30, 2019		10,800,000	773,404	(20,610)	914,751	3,532,564	880,135	16,880,244	301,447	17,181,691

Notes are an integral part of this quarterly information

Statements of Cash Flows

for the quarter ended June 30, 2020 and 2019

All amounts expressed in thousands of Brazilian reais

	Note	Parent Company		Consolidated	
		06.30.2020	06.30.2019	06.30.2020	06.30.2019
CASH FLOWS FROM OPERATIONAL ACTIVITIES					
Net income		2,120,360	847,319	2,105,856	852,903
Adjustments to reconcile net income for the period with cash					
Unrealized monetary and cambial variation and debt charges - net		(23,881)	(20,781)	304,290	412,994
Interest - bonus from the grant of concession agreements under the quota system	10.3	-	-	(33,555)	(46,105)
Remuneration of transmission concession contracts	10.4 and 11.3	-	-	(291,548)	(224,772)
Recovery of PIS / Pasep and Cofins on ICMS	13.2.1	-	-	(1,838,853)	
Income tax and social contribution	13.3	10,892	5,907	1,020,679	450,099
Deferred income tax and social contribution	13.3	(3,746)	(3,602)	64,203	26,812
Equity in earnings of investees	17.1	(2,114,239)	(842,649)	(27,377)	(7,695)
Appropriation of actuarial calculation of post-employment benefits	24.4	384	304	47,174	49,794
Appropriation of pension and healthcare contributions	24.4	1,956	2,544	59,850	64,970
Creation for research and development and energy efficiency programs	26.2	-	-	65,666	61,536
Recognition of fair value of assets related to concession compensation	32	-	-	(4,348)	(20,987)
Sectorial financial assets and liabilities result	32	-	-	(24,061)	90,610
Depreciation and amortization	33	880	1,082	565,564	483,387
Net operating estimated losses, provisions and reversals	33.4	4,323	5,727	245,204	203,068
Fair value in energy purchase and sale operations	32.1	-	-	(34,734)	(20,208)
		-	-	(21,066)	-
Loss on disposal of accounts receivable related to concession	10.1 and 10.2	-	-	51	20
Loss on disposal of contract assets	11.1	-	-	2,231	4,622
Loss on disposal of property, plant and equipment	18.2	-	3	28,594	46,356
Loss on disposal of intangible assets	19.1 and 19.4	-	-	14,406	18,114
Result of write-offs of use rights of assets and liabilities of leases - net	28.1 and 28.2	-	-	44	-
		(3,071)	(4,146)	2,248,270	2,445,518
Decrease (increase) in assets					
Trade accounts receivable		-	-	413,680	226,603
Dividends and interest on own capital received		341,816	427,138	23,182	19,541
CRC transferred to the Government of the State of Paraná	8.1	150,012	139,293	150,012	139,293
Judicial deposits		225	11,521	4,611	31,190
Sectorial financial assets	9.2	-	-	45,512	14,328
Other receivables		(129)	4,654	(15,575)	(20,679)
Inventories		-	-	(20,396)	(3,131)
Income tax and social contribution		(232)	(1,514)	(28,936)	10,298
Other current taxes recoverable		(482)	(767)	50,210	(325)
Prepaid expenses		(355)	(244)	8,809	10,165
Related parties		(38,661)	4,095	-	(469)
		452,194	584,176	631,109	426,814
Increase (decrease) in liabilities					
Payroll, social charges and accruals		3,462	(237)	44,981	59,322
Related parties		(148)	568	-	-
Suppliers		6,672	(509)	(306,875)	(30,294)
Other taxes		130	341	183,828	(65,816)
Post-employment benefits	24.4	(2,288)	(2,602)	(93,655)	(95,013)
Sectorial charges due		-	-	(15,838)	(8,112)
Research and development and energy efficiency	26.2	-	-	(54,998)	(45,652)
Payable related to the concession	27.1	-	-	(36,830)	(34,954)
Other accounts payable		437	(1,729)	(18,224)	(72,693)
Provisions for legal claims	30.1.1	-	-	(82,276)	(123,116)
		8,265	(4,168)	(379,887)	(416,328)
CASH GENERATED FROM OPERATING ACTIVITIES		457,388	575,862	2,499,492	2,456,004
Income tax and social contribution paid		(6,462)	(5,907)	(301,708)	(496,031)
Loans and financing - interest due and paid	22.4	(18,401)	(31,781)	(96,745)	(191,854)
Debentures - interest due and paid	23.2	(28,941)	(125,999)	(253,256)	(377,966)
Charges for lease liabilities paid	28.2.1	(12)	(17)	(4,350)	(4,815)
NET CASH GENERATED FROM OPERATING ACTIVITIES		403,572	412,158	1,843,433	1,385,338

(continued)

Statements of Cash Flows

for the quarter ended June 30, 2020 and 2019 (continued)

All amounts expressed in thousands of Brazilian reais

	Note	Parent Company		Consolidated	
		06.30.2020	06.30.2019	06.30.2020	06.30.2019
CASH FLOWS FROM INVESTMENT ACTIVITIES					
Financial investments		2,988	120,589	(45,373)	42,777
Loans and financing granted to related parties		(25,000)	(24,410)	-	-
Receipt of loans and financing granted to related parties		-	24,512	-	-
Additions to contract assets		-	-	(516,921)	(458,758)
Customers contributions - contract assets		-	-	43,387	49,469
Acquisitions of subsidiaries - effect on cash		-	-	-	(123,794)
Additions in investments	17.1	(5,835)	(50,217)	(52,710)	(43,143)
Capital reduction of investees	17.1	228	-	228	35,035
Additions to property, plant and equipment		(87)	(79)	(176,099)	(272,388)
Additions to intangible assets		(48)	(21)	(4,247)	(2,774)
NET CASH (USED IN) GENERATED FROM INVESTING ACTIVITIES		(27,754)	70,374	(751,735)	(773,576)
CASH FLOWS FROM FINANCING ACTIVITIES					
Loans and financing obtained from third parties	22.4	-	-	-	742,333
Issue of Debentures	23.2	-	500,000	-	1,070,282
Issue of loans with related parties		280,000	48,000	-	-
Payments of principal - loans and financing	22.4	(38,500)	(115,500)	(147,431)	(871,248)
Payments of principal - debentures	23.2	(300,000)	(853,400)	(668,096)	(1,206,856)
Amortization of principal of lease liabilities	28.2.1	(77)	(68)	(18,786)	(14,925)
Dividends and interest on own capital paid		(292,746)	(350,291)	(297,105)	(373,045)
NET CASH GENERATED FROM FINANCING ACTIVITIES		(351,323)	(771,259)	(1,131,418)	(653,459)
TOTAL EFFECTS ON CASH AND CASH EQUIVALENTS		24,495	(288,727)	(39,720)	(41,697)
Cash and cash equivalents at the beginning of the period	5	25,304	315,003	2,941,727	1,948,409
Cash and cash equivalents at the end of the period	5	49,799	26,276	2,902,007	1,906,712
CHANGE IN CASH AND CASH EQUIVALENTS		24,495	(288,727)	(39,720)	(41,697)

Notes are an integral part of these quarterly information

Statements of Added Value
 for the quarter ended June 30, 2020 and 2019
 All amounts expressed in thousands of Brazilian reais

ADDED VALUE TO DISTRIBUTE	Parent Company		Consolidated	
	06.30.2020	06.30.2019	06.30.2020	06.30.2019
Income				
Sale of energy, services and other income	-	-	11,422,846	11,457,205
Construction income	-	-	638,742	792,430
Fair value of indemnifiable concession assets	-	-	4,348	20,987
Sectorial financial assets and liabilities result	-	-	24,061	(90,610)
Other income	649	3,009	1,252	34,011
Expected credit losses	-	-	(104,320)	(76,581)
	649	3,009	11,986,929	12,137,442
(-) Supplies acquired from third parties	-	-	-	-
Energy purchased for resale	-	-	3,245,979	2,878,899
Charges for use of the main transmission grid (-) ESS and ERR	-	-	684,517	640,613
Materials, supplies and third parties services	18,749	7,067	490,118	338,555
Natural gas and supplies for gas operations	-	-	231,778	368,176
Construction costs	-	-	562,876	691,327
Loss / Recovery of assets	5	3	42,376	74,573
Impairment	-	-	79,655	19,344
Other supplies	16,566	10,510	142,009	174,178
	35,320	17,580	5,479,308	5,185,665
(=) GROSS ADDED VALUE	(34,671)	(14,571)	6,507,621	6,951,777
(-) Depreciation and amortization	880	1,082	565,564	483,387
(=) NET ADDED VALUE	(35,551)	(15,653)	5,942,057	6,468,390
(+) Transferred added value				
Equity in earnings of investees	2,114,239	842,649	27,377	7,695
Financial income	99,937	117,784	1,325,100	387,951
Other Income	1	168	83,842	69,427
	2,214,177	960,601	1,436,319	465,073
	2,178,626	944,948	7,378,376	6,933,463

(continued)

Statements of Added Value
for the quarter ended June 30, 2020 and 2019 (continued)
All amounts expressed in thousands of Brazilian reais

DISTRIBUTION OF ADDED VALUE	Parent Company				Consolidated			
	06.30.2020	%	06.30.2019	%	06.30.2020	%	06.30.2019	%
Personnel								
Salaries and management fees	6,164		5,338		393,689		413,788	
Private pension and health plans	1,146		1,148		114,128		118,240	
Meal and education allowance	711		572		54,014		56,416	
Social security charges - FGTS	160		400		25,985		28,570	
Provisions for profit sharing	2,844		523		121,727		56,152	
	11,025	0.5	7,981	0.8	709,543	9.6	673,166	9.7
Government								
Federal								
Tax	8,124		4,596		927,905		1,295,543	
Sectorial charges	-		-		912,792		1,214,195	
State	24		17		2,197,676		2,289,656	
Municipal	6		30		3,616		4,312	
	8,154	0.4	4,643	0.5	4,041,989	54.8	4,803,706	69.3
Third Parties								
Interest	34,699		84,694		507,942		595,366	
Leasing and rent	127		311		7,572		5,610	
Donations, subsidies and contributions	4,261		-		5,474		2,712	
	39,087	1.8	85,005	9.0	520,988	7.1	603,688	8.7
Shareholders								
Retained profits	2,120,360		847,319		2,120,360		847,319	
Non controlling interests	-		-		(14,504)		5,584	
	2,120,360	97.3	847,319	89.7	2,105,856	28.5	852,903	12.3
	2,178,626	100.0	944,948	100.0	7,378,376	100.0	6,933,463	100.0

Notes are an integral part of this quarterly information

NOTES TO THE FINANCIAL STATEMENTS

As of June 30, 2020

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.

a) Coronavirus pandemic (Covid-19) and its impacts

Coronavirus is a family of viruses was discovered in 2019 after cases registered in China and causes the disease called Covid-19, which has clinical symptoms ranging from asymptomatic infections to severe respiratory conditions.

On 02.26.2020 the first case of infection was identified in Brazil, in the city of São Paulo and on 03.11.2020, WHO attributed the status of pandemic to coronavirus, in view of the spread of contamination throughout the world. In Brazil, federal, state and municipal governments have implemented several measures to deal with the public health emergency. In the state of Paraná, measures included social isolation and restrictions on the operation of non-essential activities as a means to slow the spread of the disease.

As of March 2020, Copel's Management issued rules that aim to ensure compliance with the measures to contain the spread of the disease in the Company and minimize its impacts and potential impacts on the administrative, operations and economic-financial areas.

Accordingly, Copel established a Contingency Commission, whose objective is to monitor and mitigate the impacts and consequences in the main activities of the Company, The 4 pillars defined are: (i) safety of personnel, (ii) continuity of essential activities, (iii) monitoring of the guidelines and requirements of regulatory bodies, and (iv) preservation of adequate financial conditions to withstand the crisis.

Among the main initiatives implemented by the Company, there are actions to prevent and mitigate the

effects of contagion in the workplace, such as: adoption of home office in areas where it is possible to adopt this format, travel restrictions, meetings by video conference, daily monitoring of the health and well-being of employees and contingency protocols in order to fully maintain the operations of the electric power, telecommunications and piped gas infrastructure, preserving the health of its professionals, their safe access to locations, an environment that preserves distance between individuals, hygiene and access to personal protective equipment

Likewise, Copel has adopted several activities in favor of its customers, maintaining the reliability and availability of its plants, the transmission and distribution systems of electric power and gas and telecommunications, so that they can remain connected and take advantage of Company services in this critical moment of pandemic and social distancing. Copel and its employees go to great lengths to ensure that Copel customers and their families remain healthy and safe in their homes, maintaining all the services that contribute to providing comfort and connectivity for everyone.

Effects from coronavirus (Covid-19) on the financial statements

The drop in growth and the downturn in certain business segments, resulting from the suspension of certain businesses and activities caused by the coronavirus outbreak, have been affecting performance of the Brazilian economy, with effects on Copel's operations, mainly due to the reduction in electric energy demand, affecting the energy levels already contracted in the free market and also the regulatory contracting limits in the regulated market.

On April 8, 2020, Provisional Measure 950 was enacted by the Federal Government, which provides for temporary emergency measures for the energy sector due to the declared state of public calamity, establishing an exemption in energy tariffs, funded by the energy sector charge called Energy Development Account - CDE, for low-income consumers with consumption of up to 220 kWh/month, for a period of three months, and providing funds through a credit operation aimed at providing financial relief to energy distributors. On the same date, Aneel published Normative Act 986, authorizing the Electric Energy Trading Chamber - CCEE to pass on to the sector agents, with consumption characteristics, the surplus funds available in the reserve fund for future burden relief, with the objective of strengthening the sector's liquidity during the virus pandemic.

On April 8, 2020 and May 13, 2020, the Company obtained access to funds amounting to R\$ 84,881 and R\$ 8,666, respectively, which were recorded as sector financial liabilities. Said normative act authorizes CCEE to make new transfers throughout 2020.

On May 18, 2020, Decree 10,350 was enacted, which provided for the creation of the Covid Account, intended for the electric sector to deal with the state of public calamity recognized by Legislative Decree 6, of March 20, 2020, and which regulated the Provisional Measure 950. On June 23, 2020, Aneel issued Resolution 885, which provides for the Covid Account, financial operations, the use of the CDE for these purposes and the corresponding procedures.

These measures are intended to balance cash of energy distribution companies and prevent the effects from default and reduced energy consumption during the coronavirus pandemic from affecting the entire sector, as well as easing tariff pressure on consumers, in 2020, due to the windfall costs arisen in the context of the Covid-19 pandemic.

Copel has filed the Statement of Acceptance of the Provisions of Decree 10,350/2020. The total amount requested was R\$ 869,516, and on June 25, 2020, Copel DIS had already expressed its position about the advance of R\$ 536,359 referring to the recognized CVA, which was part of its annual tariff adjustment. The total amount requested was fully received on July 31, 2020.

It should be noted that the provisional measure does not reach energy contracts entered into in the free market. To reduce the impact on revenue from this market and to avoid future legal disputes, Copel has been renegotiating contracts with its customers, proposing payments in installments and postponing maturity of energy bills.

In relation to the captive distribution market, Copel has been posting decrease in revenue, mainly in the commercial and industrial classes, reflecting the fall in economic activities during the pandemic. On the other hand, there has been an increase in revenue in the residential class, due to the social distancing measures, and in the rural class, reflecting the good performance of agribusiness in the Paraná state. With regard to collection, the Company has been in contact with its main customers and has made the collection policy more flexible during the pandemic period, as such, there has been an increase in payments in installments.

Due to the measures applied by Aneel in the context of Covid-19, the Company has not suspended energy supply to residential customers, in addition to essential services and activities until July 31, 2020. In this respect, there has been an increase of R\$ 35,800 in estimated expected credit losses recorded by Copel DIS due to the increase in consumers' default, coupled with the drop in collection and the stoppage of several commercial and industrial activities resulting from the social distancing measures, thus reducing Copel DIS's financial and economic results. With the drop in energy consumption and, consequently, the decrease in energy distributors' revenue, due to the pandemic scenario, the Company may reach a position above the permitted regulatory limit for overcontracting electric energy. However, as described in Note 36.2.9, the Company understands that this overcontracting will be considered involuntary.

Copel has followed the load projections prepared by the official bodies in the energy sector, which show signs of downturn in 2020, strongly impacted by the drop in consumption in the commercial and industrial segments. This drop has led to notifications by energy buyers, under the perspective and allegation of unforeseeable circumstances and force majeure generated by the Covid-19 pandemic, requiring a reduction in the amounts of energy contracts and/or payment in installments of bills falling due.

Forced by the load decrease, the PLD and GSF projections for the remainder of 2020 already show a decrease in relation to the projections prior to the declaration of the state of public calamity caused by the Covid-19 pandemic.

Another point for attention are the possible impacts on the implementation schedule of energy generation and transmission projects, or even on the availability of existing assets resulting from local actions that prevent access to facilities or problems with suppliers in the sector, also affected by the downturn. Management has diligently monitored the deadlines for construction works in progress and has maintained continuous communication with the concession regulator regarding any delays that may occur until the normalization of commercial activities in the overall market.

With the objective of monitoring and mitigating the impacts and consequences on its main activities, Copel has been continuously monitoring its contracts, liquidity in the energy market and the short-term energy price, as well as the negotiations with the Regulatory Body of the Brazilian energy sector for the implementation of guidelines ensuring maintenance of economic and financial sustainability of the entire chain of energy generation, transmission, sale and distribution.

In this scenario, for the purposes of preparing and disclosing the interim financial statements for the quarter ended June 30, 2020, the Company's management evaluated its estimates in order to identify the possible impacts of Covid-19 on the Company's business, as follows:

a.1) Expected credit losses

A potentially relevant risk in the emergence of Covid-19 is related to customer default. In this scenario, the Company maintains regular contact with its main customers, adding flexibility to the collection policy during the pandemic period and increasing the level of digitalization in the relationship with Copel.

The Company's accounts receivable position as of June 30, 2020, as well as the estimates of expected credit losses reflect in a timely manner the best analysis by Management at this time on the quality and recoverability of this financial asset.

Although the loss indicator has not significantly worsened, the Company may face pressure on this indicator throughout the year.

In the first half of 2020, there was an increase in the estimate of expected credit losses, in the amount of R\$ 42,326, mainly due to the application of macroeconomic projections in the preparation of the estimates due to the worsening of the economic context.

a.2) Impairment of non-financial assets - impairment

The assumptions for all non-financial assets were assessed individually and the conclusion is that the net carrying amount of the assets is recoverable.

The assumptions in connection with the Company's material non-financial assets were assessed individually and Management concluded that it is necessary to supplement the amount of impairment, as shown in

Note 18.

The most significant adjustment occurred with UEG Araucária, considering that its cash flows have been affected by the decrease in energy demand in Brazil, which means that the plant's generation capacity is not being fully used.

For the other projects, excepting UEG Araucária, there has been no significant change. The main assumptions applied in the preparation of cash flow models did not have a significant impact in the short term, given that most of the energy is already contracted and the amount of energy exposed to Settlement Price of the Differences (PLD) is not significant. In the medium term, there was impact on the prices negotiated in the free market on the portion of non-contracted energy, but with no significant impact on the Company. Finally, in the long term, the main assumptions used to calculate the impairment (future energy prices and Generation Scaling Factor - GSF levels) did not change significantly, accordingly evidencing the recoverability of assets.

a.3) Recovery of deferred tax assets

The Company has a balance of R\$ 1,014,028 related to deferred tax assets on income tax and social contribution losses and temporary differences recorded at June 30, 2020. The Company assessed its estimates of expected future taxable income and did not identify the need for a provision for loss.

a.4) Fair value of future energy purchase and sale operations

The effects of pandemic on the mark-to-market of electric power purchase and sale agreements occurred mainly in the variation of short-term future prices due to more favorable hydrology and load reduction. In the long-term, future electric power prices did not change significantly. Therefore, at this time, the effects of the pandemic did not have a significant impact on the fair value of the Company's future energy purchase and sale operations.

a.5) Fair value of other assets and liabilities

At the present time, the effects of the pandemic did not have a significant impact on the fair value of the Company's assets and liabilities, mainly on assets originating from concession agreements that are made in the long-term and are contractually guaranteed to receive residual balance at the end of the concession and/or unconditional right to receive cash during the concession. Accordingly, considering that there were no changes in long-term estimates and assumptions, and that the Company's assets are essential and indicate continuity of operations and cash flows in the medium and long term, up to the present date, despite the fact that the pandemic effects remain uncertain, its effects did not have a significant impact on the fair value of the Company's assets and liabilities.

a.6) Post-employment benefits

The Company's management has constantly monitored the fair value of the actuarial asset of the post-employment benefit plans due to the instability of the interest rate, which is determined based on market

data. Due to the economic instability in this pandemic period, the fair value of the plan assets fell at 06.30.2020 in relation to the fair value at 12.31.2019. However, the benefit plans did not generate additional obligations due to the existence of a surplus in the pension plan and the fact that the actuarial liability of the plan is recognized in a sufficient amount, in light of the current assessment.

a.7) Liquidity

The Company currently has a solid financial situation with good liquidity ratios and believes that its working capital is sufficient for its current requirements. However, there is an expectation of economic impacts caused by a slowdown of business activities resulting from the restrictions imposed during the Covid-19 pandemic, with subsequent effects on Copel's operations, that can affect the Company's financial results.

At June 30, 2020, the Company's consolidated net working capital totals R\$ 2,626,934 (R\$ 2,563,575, at 12.31.2019) with a balance of cash and cash equivalents of R\$ 2,902,007, compared to the balance of R\$ 2,941,727 at 12.31.2019.

The Company has been monitoring its financial liquidity, considering the possibility of raising funds and the prospect of cash retention, using measures from the Federal Government and other sectorial institutions, already implemented and under preparation, and taking necessary actions in our operations such as cost reduction and postponement of investments with the objective of guaranteeing compliance with financial obligations in due time.

a.8) Other assets

The Company has not identified any changes in circumstances that indicate impairment of other assets. It should be noted that the Company records changes in sectorial financial assets and liabilities, updated up to the date of the tariff adjustment/review when, the Granting Authority ratifies the transfer on the tariff base and the Company transfers it to the consumer during the next annual cycle, which at Copel occurs as of June 24 of each year. With the emergency measures for the electric power sector provided for in Provisional Act No. 950 dated April 8, 2020 and in Decree 10,350 of May 18, 2020, Management understands that realization of sector financial assets and liabilities recorded as at June 30, 2020 is sustained. According to Note 41.1, on July 31, 2020, Copel DIS had already had access to the total amount of funds requested from the Covid Account.

In view of all of the above, it should be noted that there was no significant or material impact on the Company's business that could change the measurement of its assets and liabilities presented in the quarterly information at June 30, 2020, and until the date of this publication. However, considering that, like all companies, Copel is exposed to risks arising from any legal and market restrictions that may be imposed, it is not possible to ensure that there will be no impact on operations or that the result will not be affected by the future consequences of the pandemic.

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
Elejor - Centrais Elétricas do Rio Jordão S.A.	Curitiba/PR	Production of electricity	70.0	Copel
UEG Araucária Ltda. (UEGA)	Curitiba/PR	Production of electricity from natural gas	20.3	Copel
			60.9	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
Uirapuru Transmissora de Energia S.A. (Note 1.2.1)	Curitiba/PR	Transmission of electricity	100.0	Copel GeT
Bela Vista Geração de Energia S.A. (b)	Curitiba/PR	Production of electricity	100.0	Copel GeT
F.D.A. Geração de Energia Elétrica S.A. (FDA)	Curitiba/PR	Production of electricity	100.0	Copel GeT
Jandaíra I Energias Renováveis S.A. (c)	Curitiba/PR	Production of electricity from wind sources	100.0	Copel GeT
Jandaíra II Energias Renováveis S.A. (c)	Curitiba/PR	Production of electricity from wind sources	100.0	Copel GeT
Jandaíra III Energias Renováveis S.A. (c)	Curitiba/PR	Production of electricity from wind sources	100.0	Copel GeT
Jandaíra IV Energias Renováveis S.A. (c)	Curitiba/PR	Production of electricity from wind sources	100.0	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) The company is studying the possible incorporation of the operational activities and version of CopelREN's equity for the shareholder or the change of main activity.

(b) Pre-operating stage.

(c) SPEs established with a 99.99% interest in Copel GeT and 0.1% in Cutia. The transfer of all shares to Copel GeT depends on the signing of the Energy Commercialization Contracts in the Regulated Environment - CCEARs.

1.1.2 Joint ventures

Joint ventures	Headquarters	Main activity	Interest	
			%	Investor
Voltalia São Miguel do Gostoso I Participações S.A.	São Paulo/SP	Interests in companies	49.0	Copel
Solar Paraná GD Participações S.A. (b)	Curitiba/PR	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. (c)	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 halted activities due to a Public Civil Action pending judgment by Federal Court. An arbitration proceeding will be started to decide about relief of contractual obligations with no burden for bidders, with consequent return of signing up bonus, refund of incurred costs with collateral and relief of collateral provided.

(b) Project partially in operation.

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
Estação Osasco Desenvolvimento Imobiliário S.A. (b)	São Paulo/SP	Incorporation of real estate projects	18.78	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 18.4)	51.0	Eletrosul Centrais Elétricas S.A. (49%)
Hydroelectric Power Plant Baixo Iguaçu (Note 18.4)	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 Fundão and Santa Clara	70	05.28.2037
	Authorization - SHP Fundão I and SHP Santa Clara I - 753/2002 and 757/2002	70	12.19.2032
Dona Francisca Energética	Contract 188/1998 - HPP Dona Francisca	23	08.28.2033
UEG Araucária	Authorization 351/1999 - TPP Araucária (60.9% Copel GET)	20.3	12.23.2029
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	03.26.2047
Usina de Energia Eólica Carnaúba S.A. (a)	MME Ordinance 204 /2012 - WPP Carnaúbas	49	04.09.2047
Usina de Energia Eólica Reduto S.A. (a)	MME Ordinance 230 /2012 - WPP Reduto	49	04.16.2047
Usina de Energia Eólica Santo Cristo S.A. (a)	MME Ordinance 233/2012 - WPP Santo Cristo	49	04.18.2047

(a) Subsidiaries of Voltaia 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, which determines the date of July 6, 2024 as the concession's expiration date.

On December 7, 2017, the State of Paraná published Complementary Law 205, introducing a new interpretation to the end of the concession, understanding that expiration occurred on January 20, 2019. 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 in favor of the Company's understanding of the terms of the concession contract and the continuity of its operations until July 2024. The Company is awaiting the trial on merit of the case.

Considering that until this date there was no extension/bidding of the concession, 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.

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

06.30.2020	End of concession in 2024	Adjustments	End of concession in 2019
STATEMENTS OF FINANCIAL POSITION			
Noncurrent assets			
Accounts receivable related to the concession	156,308	168,033	324,341
Intangible assets	116,205	(116,205)	-
STATEMENTS OF INCOME			
Net operating revenue			
Fair value of assets from the indemnity for the concession	6,669	(3,466)	3,203
Operating Costs			
Amortization	(14,688)	3,149	(11,539)

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 looking for the necessary alternatives 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	01.17.2046	
Ordinance 133/2011 - SHP Cavernoso II	100	02.28.2046	
Generation Concession 002/2012 - HPP Baixo Iguaçu	30	10.30.2049	
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	03.27.2019	
HPP São Jorge (Note 36.2.6)	100	12.05.2024	
HPP Guaricana	100	08.16.2026	
HPP Gov. Ney Aminthas de Barros Braga (Segredo)	100	11.16.2029	
HPP Gov. José Richa (Salto Caxias)	100	05.05.2030	
Authorization 278/1999 - WPP Palmas	100	09.29.2029	
Dispatch 182/2002 - Hydroelectric Generating Plant - HGP Melissa, HGP Pitangui and HGP Salto do Vau (only register with ANEEL)	100	.-.	
Generation concession 003/2016 - 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 (20,3% - Copel)	60.9	12.23.2029
Nova Asa Branca I	MME Ordinance 267/2011 - WPP Asa Branca I	100	04.25.2046
Nova Asa Branca II	MME Ordinance 333/2011 - WPP Asa Branca II	100	05.31.2046
Nova Asa Branca III	MME Ordinance 334/2011 - WPP Asa Branca III	100	05.31.2046
Nova Eurus IV	MME Ordinance 273/2011 - WPP Eurus IV	100	04.27.2046
Santa Maria	MME Ordinance 274/2012 - WPP SM	100	05.08.2047
Santa Helena	MME Ordinance 207/2012 - WPP Santa Helena	100	04.09.2047
Ventos de Santo Uriel	MME Ordinance 201/2012 - WPP Santo Uriel	100	04.09.2047
GE Boa Vista	MME Ordinance 276 /2011 - WPP Dreen Boa Vista	100	04.28.2046
GE Farol	MME Ordinance 263 /2011 - WPP Farol	100	04.20.2046
GE Olho D'Água	MME Ordinance 343 /2011 - WPP Dreen Olho D'Água	100	06.01.2046
GE São Bento do Norte	MME Ordinance 310 /2011 - WPP Dreen São Bento do Norte	100	05.19.2046
Esperança do Nordeste	MME Ordinance 183/2015 - WPP Esperança do Nordeste	100	05.11.2050
Paraíso dos Ventos do Nordeste	MME Ordinance 182/2015 - WPP Paraíso dos Ventos do Nordeste	100	05.11.2050
Usina de Energia Eólica Jangada	Resolution 3,257/2011 - WPP GE Jangada	100	01.05.2042
Maria Helena	Resolution 3,259/2011 - WPP GE Maria Helena	100	01.05.2042
Usina de Energia Eólica Potiguar	MME Ordinance 179/2015 - WPP Potiguar	100	05.11.2050
Usina de Energia Eólica Guajiru	Resolution 3,256/2011 - WPP Dreen Guajiru	100	01.05.2042
Usina de Energia Eólica Cutia	Resolution 3,258/2011 - WPP Dreen Cutia	100	01.05.2042
São Bento do Norte I	Ordinance 349/2015 - WPP São Bento do Norte I	100	08.04.2050
São Bento do Norte II	Ordinance 348/2015 - WPP São Bento do Norte II	100	08.04.2050
São Bento do Norte III	Ordinance 347/2015 - WPP São Bento do Norte III	100	08.04.2050
São Miguel I	Ordinance 352/2015 - WPP São Miguel I	100	08.04.2050
São Miguel II	Ordinance 351/2015 - WPP São Miguel II	100	08.04.2050
São Miguel III	Ordinance 350/2015 - WPP São Miguel III	100	08.04.2050
Foz do Chopim	Authorization 114/2000 - SHP Arturo Andreoli	35.77	04.24.2030
SHP Bela Vista (a)	Resolution 913/2017 - transfer of title under Resolution 7,802/2019	100	01.02.2041
F.D.A. Geração de Energia Elétrica	Generation concession contract 002/2020	100	09.17.2023
Jandaíra I Energias Renováveis (a)	Ordinance 140/2020 - WPP Jandaíra I	100	04.02.2055
Jandaíra II Energias Renováveis (a)	Ordinance 141/2020 - WPP Jandaíra II	100	04.02.2055
Jandaíra III Energias Renováveis (a)	Ordinance 142/2020 - WPP Jandaíra III	100	04.02.2055
Jandaíra IV Energias Renováveis (a)	Ordinance 139/2020 - WPP Jandaíra IV	100	04.02.2055

(a) Building under construction.

Copel GeT	Interest %	Maturity
Transmission lines and substations concession agreements		
Contract 060/2001 - Transmission facilities (sundry Transmission lines and Substations)	100	01.01.2043
Contract 075/2001 - Transmission line 230 kV Bateias - Jaguariaíva	100	08.17.2031
Contract 006/2008 - Transmission line 230 kV Bateias - Pilarzinho	100	03.17.2038
Contract 027/2009 - Transmission line 525 kV Foz do Iguaçu - Cascavel Oeste	100	11.19.2039
Contract 010/2010 - Transmission line 500 kV Araraquara II - Taubaté	100	10.06.2040
Contract 015/2010 - Substation Cerquillo III 230/138 kV	100	10.06.2040
Contract 022/2012 - Transmission line 230 kV Londrina - Figueira and Transmission line 230 kV Foz do Chopim - Salto Osório	100	08.27.2042
Contract 002/2013 - Transmission line 230 kV Assis - Paraguaçu Paulista II e Substation Paraguaçu Paulista II 230 kV	100	02.25.2043
Contract 005/2014 - Transmission line 230 kV Bateias - Curitiba Norte e Substation Curitiba Norte 230/138 kV	100	01.29.2044
Contract 021/2014 - Transmission line 230 kV Foz do Chopim - Realeza e Substation Realeza 230/138 kV	100	09.05.2044
Contract 022/2014 - Transmission line 500 kV Assis - Londrina	100	09.05.2044
Contract 006/2016 - Transmission line 525 kV Curitiba Leste - Blumenau (a)	100	04.07.2046
Transmission line 230 kV Baixo Iguaçu - Realeza		
Transmission line 230 kV Curitiba Centro - Uberaba		
Substation Medianeira 230/138 kV		
Substation Curitiba Centro 230/138 kV		
Substation Andará Leste 230/138 kV		
Concession agreement / authorization of the equity		
Costa Oeste Transmissora Contract 001/2012:	100	01.12.2042
Transmission line 230 kV Cascavel Oeste - Umuarama		
Substation Umuarama 230/138 kV		
Caiuá Transmissora Contract 007/2012:	49	05.10.2042
Transmission line 230 kV Umuarama - Guaíra		
Transmission line 230 kV Cascavel Oeste - Cascavel Norte		
Substation Santa Quitéria 230/138/13,8 kV		
Substation Cascavel Norte 230/138/13,8 kV		
Marumbi Transmissora Contract 008/2012:	100	05.10.2042
Transmission line 525 kV Curitiba - Curitiba Leste		
Substation Curitiba Leste 525/230 kV		
Integração Maranhense Contract 011/2012: Transmission line 500 Kv Açailândia - Miranda II	49	05.10.2042
Matrinchã Transmissora Contract 012/2012:	49	05.10.2042
Transmission line 500 kV Paranaita - Cláudia		
Transmission line 500 kV Cláudia - Paranatinga		
Transmission line 500 kV Paranatinga - Ribeirãozinho		
Substation Paranaita 500 kV		
Substation Cláudia 500 kV		
Substation Paranatinga 500 kV		
Guaraciaba Transmissora Contract 013/2012:	49	05.10.2042
Transmission line 500 kV Ribeirãozinho - Rio Verde Norte		
Transmission line 500 kV Rio Verde Norte - Marimbondo II		
Substation Marimbondo II 500 kV		
Paranaíba Transmissora Contract 007/2013:	24.5	05.02.2043
Transmission line 500 kV Barreiras II - Rio das Éguas		
Transmission line 500 kV Rio das Éguas - Luziânia		
Transmission line 500 kV Luziânia - Pirapora 2		
Mata de Santa Genebra (a) Contract 001/2014:	50.1	05.14.2044
Transmission line 500 kV Itatiba - Bateias		
Transmission line 500 kV Araraquara 2 - Itatiba		
Transmission line 500 kV Araraquara 2 - Fernão Dias		
Substation Santa Bárbara D'Oeste 440 kV		
Substation Itatiba 500 kV		
Substation Fernão Dias 500/440 kV (a)		
Cantareira Transmissora Contract 019/2014: Transmission line Estreito - Fernão Dias	49	09.05.2044
Uirapuru Transmissora Contract 002/2005: Transmission line 525 kV Ivaiporã - Londrina	100	03.04.2035

(a) Buildings under construction.

During 2019, three important enterprises started their commercial operations:

- **UHE Colíder:** in March, May and December 2019, the three generating units of the plant entered into commercial operation, respectively, totalizing 300 MW of installed power.

- **UHE Baixo Iguaçu:** Commercial operation of units 1 and 2 began in February 2019, with unit 3 starting in April 2019, with a total installed capacity of 350.2 MW.

- **Cutia and Bento Miguel Wind Complexes:** From the last two week of December 2018 to March 2019, all wind farms went into commercial operation, with a total installed capacity of 312.9 MW.

3 Basis of Preparation

3.1 Statements of compliance

The individual financial statements of the Parent Company and the consolidated financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board, IASB, as well as with accounting practices adopted in Brazil (BR GAAP), which comprise the standards, guidelines and interpretations issued by the Accounting Pronouncements Committee (Comitê de Pronunciamentos Contábeis or CPC) and approved by the Brazilian Securities and Exchange Commission (Comissão de Valores Mobiliários or CVM) and the Federal Accounting Council (Conselho Federal de Contabilidade or CFC).

Management declares that all relevant information from the individual and consolidated quarterly information, are being evidenced and corresponds to that used in management.

The issuance of these individual and consolidated quarterly information was approved by Management on August 13, 2020.

3.2 Functional and presentation currency

The individual and consolidated 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 individual and consolidated quarterly information were 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 individual and consolidated 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, 2019.

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.

4 Significant Accounting Policies

The Company's accounting policies are consistent with those presented in the financial statements for the year ended December 31, 2019.

4.1 Standards applicable to the Company effective January 1, 20

From January 1, 2020, changes in the following pronouncements will be in effect, without significant impacts on the Company's financial statements:

- (i) CPC 00 (R2)/ IAS 1 Conceptual framework;
- (ii) Annual review of CPC No. 14/2019: changes in pronouncements arising from the review of CPC 00, change in the definition of business in CPC 15 (R1) / IFRS 3 and change in the definition of materiality in CPC 26 (IAS 1) and CPC 23 (IAS 8).
- (iii) Annual revision of CPC 15/2020: amendments to Technical Pronouncements CPC 38, CPC 40 (R1) and CPC 48, due to the "reference interest rate reform";
- (iv) Annual revision of CPC 16/2020: amendments to Technical Pronouncement 06 (R2), referring to benefits related to Covid-19 granted to lessees under lease agreements.

5 Cash and Cash Equivalents

	Parent Company		Consolidated	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019
Cash and bank accounts	151	196	184,134	263,188
Financial investments with immediate liquidity	49,648	25,108	2,717,873	2,678,539
	49,799	25,304	2,902,007	2,941,727

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 78.0% and 101.0% of Interbank Deposit Certificate (Certificado de Depósito Interbancário - CDI) interest.

6 Bonds and Securities

The Company and its subsidiaries hold securities that yield variable interest rates. The term of these securities ranges from 8 to 57 months from the end of the reporting period.

Category	Index	Parent Company		Consolidated	
		06.30.2020	12.31.2019	06.30.2020	12.31.2019
Quotas in Funds (a)	CDI	90	90	226,286	225,804
Bank Deposit Certificates - CDB	95.0% to 101% of CDI	-	-	62,083	50,216
Financial Treasury Bonds - LFT	Selic	-	-	745	733
Committed Operation	96.5% to 100% of CDI	-	-	-	3,632
National Treasury Bills - LTN	CDI	-	-	-	1,696
		90	90	289,114	282,081
	Current	90	90	1,455	3,112
	Noncurrent	-	-	287,659	278,969

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

7 Trade Accounts Receivable

Consolidated	Balances falling due	Overdue up to 90 days	Overdue for 90 days	Total 06.30.2020	Total 12.31.2019
Customers					
Residential	326,758	234,397	63,013	624,168	579,715
Industrial	192,406	38,811	94,082	325,299	298,719
Commercial	201,989	69,821	45,789	317,599	363,986
Rural	65,271	29,410	8,361	103,042	103,271
Public Entities	26,441	3,873	3,735	34,049	55,847
Public lighting	35,307	63	8	35,378	38,523
Public service	40,713	2,354	404	43,471	44,983
Unbilled - captives	409,298	-	-	409,298	516,203
Energy installments plan - captives (7.1)	136,315	20,373	77,156	233,844	204,192
Low income subsidy - Eletrobras	15,360	-	-	15,360	12,174
Free consumers	134,769				132,756
Other receivables	39,977	23,106	82,911	145,994	148,375
	1,624,604	422,208	375,459	2,287,502	2,498,744
Concessionaires, Permission holder and Trading Companies					
Bilateral contracts	155,431	1,824	7,416	164,671	191,463
Regulated contracts	153,477	224	6,851	160,552	159,492
CCEE (7.2)	110,180	-	119,665	229,845	315,712
Energy supplies	263,657	224	126,516	390,397	475,204
Charges from using transmission grid	231,745	558	3,057	235,360	215,582
Telecommunications	43,794	10,017	14,537	68,348	67,304
Gas distribution	56,493	6,215	15,153	77,861	111,026
Expected credit losses (7.3)	(28,939)	(16,297)	(391,472)	(436,708)	(376,756)
	2,191,354	422,925	143,250	2,622,760	2,991,104
Current				2,877,803	3,120,168
Noncurrent				51,202	62,399

7.1 Energy installments plan

The trade accounts receivable renegotiated are discounted to present value as of June 30, 2020, taking into consideration the future value, the maturity dates, the dates of settlement and the discount rate ranging from 0.29% to 2.80% p.m.

7.2 Electricity Trading Chamber - CCEE

Balance receivable deriving from the positive position in the monthly settlement of the spot market centralized by CCEE. Amounts are received in the second month following the recognition of revenue or offset against future settlements when the result is negative for the subsidiary.

Additionally, as a result of unforeseeable circumstances and force majeure, the power plant had its commercial start-up delayed, which was initially scheduled for January 2015. The Company is contesting in court, filing a request for exclusion of liability so that the mandatory supply of energy contracted by the plant, in the period in delay, is postponed.

Copel GeT filed an administrative request for the exclusion of liability at ANEEL, which was denied, and subsequently, at 12.18.2017, it filed an ordinary lawsuit with request for advance protection with the Court, requesting the reversal of the agency's decision. On April 6, 2018, the Federal Court of the 1st Region fully granted the preliminary injunction applied for in the interlocutory appeal to suspend the enforcement of any burden or penalty to Copel as a result of noncompliance with the deadlines originally provided for in the Concession Agreement until a final unappealable ruling is rendered. The main action is pending judgment on merits.

The contracted energy of the plant is 125 MW mean. For overdue periods the contract was fulfilled as described below:

- From January 2015 to May 2016, with suspension of energy delivery by operation because of the injunction obtained by Management;
- In June 2016, with partial reduction through a bilateral agreement and suspended remaining balance due to the court injunction;
- 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 firmed contracts in the regulated environment became effective again, however, energy supply continued suspended, in light of the injunction obtained. As of March 9, 2019, the plant started commercial production of its first generating unit.

Due to the fact it is awaiting a decision on the merits of the lawsuit, in the period in delay of the plant, the Company recognized in the income for the years revenue limited to the financial covenants of the agreement and the regulatory rules, as well as the cost of energy to cover the contractual guarantee.

From the amount determined by CCEE, for the controversial portion arising from the effects of the injunction for exemption of responsibility of Colíder HPP, an allowance for expected losses was recognized in the amount of R\$119,665 (Note 7.3).

7.3 Expected credit losses

Consolidated	Balance as of January 1, 2020	Additions / (Reversals)	Reversal of write offs	Balance as of June 30, 2020
Customers				
Residential	41,824	40,474	(22,914)	59,384
Industrial	97,954	15,781	(2,162)	111,573
Commercial	70,925	26,856	(8,049)	89,732
Rural	3,389	2,600	(1,350)	4,639
Public Entities	4,890	304	(25)	5,169
Public lighting	3	197	-	200
Public service	265	(34)	(15)	216
Unbilled	1,180	113	-	1,293
Adjustment to present value	(1,441)	1,225	-	(216)
	218,989	87,516	(34,515)	271,990
Concessionaires, Permission holder and Trading Companies				
CCEE (7.2)	119,665	-	-	119,665
Concessionaires and permission holder	20,425	2,274	-	22,699
	140,090	2,274	-	142,364
Telecommunications	5,149	7,911	(3,615)	9,445
Gas distribution	12,528	1,156	(775)	12,909
	376,756	98,857	(38,905)	436,708

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 complied with the payments under the agreed terms, remaining 58 monthly installments to be paid. The contract balance is updated by the IGP-DI variation and interest of 6.65% p.y.

8.1 Changes in CRC

Balance as of January 1, 2019	Interest	Monetary variations	Amortizations	Balance as of January 1, 2020	Interest	Monetary variations	Amortizations	Balance as of June 30, 2020
1,445,042	87,710	96,519	(278,586)	1,350,685	42,159	56,423	(150,012)	1,299,255
Current				219,236				231,631
Noncurrent				1,131,449				1,067,624

8.2 Maturity of noncurrent installments

2021	129,240
2022	260,688
2023	278,025
2024	296,515
After 2024	103,156
	1,067,624

9 Net Sectorial Financial Assets and Liabilities

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

Consolidated	06.30.2020		12.31.2019	
	Current	Noncurrent	Current	Noncurrent
Covid Account				
Covid Account - CVA (a)	536,359	-	-	-
	536,359	-	-	-
Sectorial financial assets - Electricity rate adjustment recoverable 2019				
Portion A				
Electricity purchased for resale - CVA Energ	-	-	235,192	-
Electricity purchased for resale - Itaipu	-	-	342,647	-
Transport of energy using the transmission system - basic grid	-	-	(47,214)	-
Transport of energy purchased from Itaipu	-	-	9,937	-
System Service Charges - ESS	-	-	(160,277)	-
Energy Development Account - CDE	-	-	98,722	-
Proinfra	-	-	8,528	-
Other financial components				
Neutrality	-	-	29,690	-
Overcontracting	-	-	(116,673)	-
Hydrological risk	-	-	(119,416)	-
Tariff refunds	-	-	(43,538)	-
Other	-	-	(448)	-
	-	-	237,150	-
Sectorial financial assets - Electricity rate adjustment recoverable 2020				
Portion A				
Electricity purchased for resale - CVA Energ	-	-	15,298	15,298
Electricity purchased for resale - Itaipu	-	-	225,340	225,340
Transport of energy using the transmission system - basic grid	-	-	30,126	30,126
Transport of energy purchased from Itaipu	-	-	7,227	7,227
System Service Charges - ESS	-	-	(52,336)	(52,336)
Energy Development Account - CDE	-	-	27,103	27,103
Proinfra	-	-	(30)	(30)
Other financial components				
Neutrality	-	-	9,408	9,408
Offset of energy surplus/deficit under CCEAR bilateral contracts	-	-	20,096	20,096
Overcontracting	-	-	(25,725)	(25,725)
Hydrological risk	-	-	(113,872)	(113,872)
Tariff refunds	-	-	(24,215)	(24,216)
	-	-	118,420	118,419
Sectorial financial assets - Electricity rate adjustment recoverable 2021				
Portion A				
Electricity purchased for resale - CVA Energ	-	(68,629)	-	-
Electricity purchased for resale - Itaipu	-	301,887	-	-
Transport of energy using the transmission system - basic grid	-	7,960	-	-
Transport of energy purchased from Itaipu	-	3,709	-	-
System Service Charges - ESS	-	(5,689)	-	-
Energy Development Account - CDE	-	(5,042)	-	-
Other financial components				
Neutrality	-	27,443	-	-
Offset of energy surplus/deficit under CCEAR bilateral contracts	-	6,036	-	-
Overcontracting	-	105,041	-	-
Hydrological risk	-	(40,721)	-	-
Tariff refunds	-	(109,548)	-	-
Other	-	83	-	-
	-	222,530	-	-
	536,359	222,530	355,570	118,419

(a) The balance of the Conta-covid will be written off when the funds are transferred by the CCEE, in accordance with Aneel Resolution No. 885 of June, 23.2020, pursuant to paragraph 5th of article 6th.

Consolidated	06.30.2020		12.31.2019	
	Current	Noncurrent	Current	Noncurrent
Sectorial financial liabilities - Electricity rate adjustment recoverable 2020				
Portion A				
Electricity purchased for resale - CVA Energ	(26,565)	-	-	-
ESS	(256,696)	-	-	-
CDE	116,647	-	-	-
Proinfa	(21,971)	-	-	-
Electricity purchased for resale - Itaipu	594,321	-	-	-
Transport of energy using the transmission system - basic grid	116,155	-	-	-
Transport of energy purchased from Itaipu	20,646	-	-	-
Conta-covid	(536,359)	-	-	-
Other financial components				
Offset of energy surplus/deficit under CCEAR bilateral contracts	74,353	-	-	-
Hydrological risk	(383,234)	-	-	-
Tariff refunds	(84,436)	-	-	-
Overcontracting	(55,083)	-	-	-
Neutrality	43,705	-	-	-
Other	5,330	-	-	-
	(393,187)	-	-	-
Sectorial financial liabilities - Tariff Review 2021				
Financial components				
Tariff refunds	-	-	-	(102,284)
	-	-	-	(102,284)
	(393,187)	-	-	(102,284)

9.2 Changes in net sectorial financial assets and liabilities

Consolidated	Balance as of January 1, 2020	Operating revenues		Financial results	Rate flags	Balance as of June 30, 2020
		Constitution	Amortization	Updating		
Portion A						
Electricity purchased for resale - Itaipu	793,327	437,270	(354,300)	19,911	-	896,208
Electricity purchased for resale - CVA Energ	265,788	(84,974)	(243,415)	3,400	(35,993)	(95,194)
Transport of energy using the transmission system - basic grid	13,038	62,178	48,780	119	-	124,115
Transport of energy purchased from Itaipu	24,391	9,706	(10,280)	538	-	24,355
ESS	(264,949)	(156,501)	165,859	(6,794)	-	(262,385)
CDE	152,928	56,608	(102,095)	4,164	-	111,605
Proinfa	8,468	(21,615)	(8,821)	(3)	-	(21,971)
Other financial components						
Neutrality	48,506	53,836	(30,558)	(636)	-	71,148
Offset of energy surplus/deficit under CCEAR bilateral contracts	40,192	41,810	(1,563)	(50)	-	80,389
Hydrological risk	(347,160)	(200,483)	127,015	(3,327)	-	(423,955)
Tariff refunds	(194,253)	(43,088)	45,213	(1,856)	-	(193,984)
Overcontracting	(168,123)	110,602	117,766	(768)	(9,519)	49,958
Others	(448)	4,769	342	750	-	5,413
	371,705	270,118	(246,057)	15,448	(45,512)	365,702
Current assets	355,570					536,359
Noncurrent assets	118,419					222,530
Current liabilities	-					(393,187)
Noncurrent liabilities	(102,284)					

10 Accounts Receivable - Concessions

Consolidated	06.30.2020	12.31.2019
Power distribution service concession (10.1)	868,571	836,818
Piped gas distribution service concession (10.2)	324,341	324,385
Bonus from the grant of concession agreements under the quota system (10.3)	646,371	647,984
Remeasurement of RBSE assets (10.4)	721,465	739,269
Generation concession agreements (10.5)	71,160	69,182
	2,631,908	2,617,638
	Current	58,842
	Noncurrent	2,558,796

10.1 Power distribution service concession

Balance as of January 1, 2020	836,818
Transfers from contract assets (Note 11.1)	30,630
Transfers to other receivables (assets held for disposal)	(1)
Fair value recognition	1,145
Loss on disposal	(21)
Balance as of June 30, 2020	868,571

The distribution concession agreement amount is measured at fair value and its collection is assured by the Concession Grantor through an indemnity upon the return of these assets at the end of the concession period.

10.2 Piped gas distribution service concession

Balance as of January 1, 2020	324,385
Transfers from contract assets (Note 11.2)	8,322
Transfers to intangible assets (Note 19.3)	(11,539)
Fair value recognition	3,203
Loss on disposal	(30)
Balance as of June 30, 2020	324,341

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

Balance as of January 1, 2020	647,984
Transfers to electricity grid use charges - customers	(35,168)
Interest (Note 32)	33,555
Balance as of June 30, 2020	646,371

10.4 Remeasurement of RBSE financial assets

Balance as of January 1, 2020	739,269
Remuneration	35,841
Transfers to electricity grid use charges - customers	(53,645)
Balance as of June 30, 2020	721,465

This refers to Copel GeT's right recognized by the Concession Grantor arising from the Annual Permitted Revenues - APR of Concession Contract No. 060/2001 not timely received in the period from January 2013 to June 2017. The balance is subject to inflation adjustment and interest and will be received in eight years from July 2017 to June 2025.

On June 27, 2017, ANEEL published Resolution 2,258 establishing the Annual Permitted Revenues (RAP) for the 2017-2018 tariff cycle of the period of eight cycles, considering a court decision on the injunction of April 11, 2017 related to a lawsuit filed by business associations, which determines the deduction of the "compensation", provided for in article 15, paragraph 2 of Law 12,783/2013, on a temporary basis. The same decision was applied provisionally by ANEEL for the second and third tariff cycles ended in June 2020.

On June 30, 2020, Aneel published Homologatory Resolution 2,715, in which it ratified the result of the RAP's periodic review of contract No. 060/2001, establishing the tariff repositioning and including "remuneration" in the RAP portion, which had previously been excluded provisionally due to a judicial decision now revoked. Such amounts will be received from the fourth tariff cycle started in July 2020 until June 2025, including the addition of amounts that have not been timely received due to the provisional effects of the injunction, which will be added in the next three RAP cycles that will begin in July 2020 until June 2023.

10.5 Power generation concession contract

The balance refers to the residual balances of the electricity generation assets of HPP GPS and HPP Mourão I. Copel GeT depreciated the plants until the expiration date of the concessions and the remaining balance was reclassified to accounts receivable linked to the concession.

11 Contract assets

Consolidated	06.30.2020	12.31.2019
Power distribution service concession (11.1)	1,020,300	844,284
Piped gas distribution service concession (11.2)	26,563	26,734
Power transmission concession (11.3)	3,366,480	3,180,366
	4,413,343	4,051,384
	Current	106,830
	Noncurrent	4,306,513
		107,443
		3,943,941

11.1 Power distribution service concession contract

Consolidated	Assets	Special liabilities	Total
Balance as of January 1, 2020	875,354	(31,070)	844,284
Acquisitions	548,348	-	548,348
Customers contributions	-	(43,387)	(43,387)
Provision for legal claims added to the cost of the works	1,144	-	1,144
Transfers from/to intangible assets (Note 19.1)	(336,613)	39,385	(297,228)
Transfers from/to accounts receivable - concessions (Note 10.1)	(33,562)	2,932	(30,630)
Loss on disposal	(2,231)	-	(2,231)
Balance as of June 30, 2020	1,052,440	(32,140)	1,020,300

The costs of loans, financing and debentures capitalized in the in the first half of 2020 totaled R\$4,168 at an average rate of 0.17% p.y. (R\$3,228, at an average rate of 0.17% p.y. during the first half of 2019).

11.2 Piped gas distribution service concession contract

Em 1º.01.2020	26,734
Aquisições	8,151
Transferências para contas a receber vinculadas à concessão (NE nº 10.2)	(8,322)
Em 30.06.2020	26,563

11.3 Transmission service concession contract

Balance as of January 1, 2020	3,180,366
Realization of gains/losses in business combinations	361
Transfers to electricity grid use charges - customers	(170,162)
Transfers to property, plant and equipment	(534)
Transfers from litigations	94
Remuneration	252,775
Construction revenue	100,648
Construction income	2,932
Balance as of June 30, 2020	3,366,480

On June 30, 2020, Aneel published Homologatory Resolution 2,715, in which it ratified the result of the periodic review of the RAP of contract No. 060/2001 and on July 14, 2020 it issued Homologatory Resolution 2,725, which establishes the RAP for making available the facilities under the responsibility of the Company. In the process of the first tariff review of contract No. 060/2001, referring to the tariff cycles of 2018/2023 and which takes place every five years, operating costs, the cost of capital (WACC) and the remuneration base were reassessed, which resulted in a 10.16% RAP repositioning rate in relation to the previous cycle.

12 Other Receivables

	Parent Company		Consolidated	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019
Fair value in the purchase and sale of power (Note 36.2.12)	-	-	610,626	460,635
Services in progress (a)	7,444	7,444	252,716	228,593
Credits on purchases of gas (12.1)	-	-	132,267	142,941
CDE Transfer (12.2)	-	-	64,393	61,898
Advance payments to employees	801	463	32,498	20,427
Advance payments to suppliers (b)	3	282	27,844	24,073
Decommissioning in progress	-	-	24,300	21,238
Derivatives fair value - forward contract (Note 36.2.3 - b)	-	-	19,863	-
Advance for severance estate	-	-	12,658	15,597
Tariff flag - CCRTB	-	-	7,905	19,545
Insurance entities	-	-	-	24,574
Other receivables	393	323	83,955	69,103
	8,641	8,512	1,269,025	1,088,624
	Current	1,197	1,068	458,046
	Noncurrent	7,444	810,979	661,759

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 2023. 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 assign 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

The balance on June 30, 2020 refers to CDE amounts to be transferred to the Company to cover the tariff discounts applicable to the tariff, in accordance with Law 10,438/2002 and Decree 7,891/2013. The amount transferred to Copel DIS for the period from June 2019 to May 2020, in accordance with Resolution 2,559/2019, was R\$ 51,200 per month. As from June 2020, this amount was changed to R\$ 47,005 per month, by Resolution 2,704, dated June 23, 2020, which approved the result of the last Annual Tariff Adjustment.

13 Taxes

13.1 Deferred income tax and social contribution

13.1.1 Deferred income tax and social contribution

Parent Company			
	Balance as of January 1, 2020	Recognized in income	Balance as of June 30, 2020
Noncurrent assets			
Provisions for legal claims	104,438	2,081	106,519
Expected credit losses	49,443	-	49,443
Amortization - concession	20,444	191	20,635
Provision for financing	3,455	-	3,455
Post-employment benefits	2,995	95	3,090
Others	2,774	289	3,063
	183,549	2,656	186,205
(-) Noncurrent liabilities			
Escrow deposits monetary variation	20,861	497	21,358
Transaction cost on borrowings and debentures	3,000	(824)	2,176
Financial instruments	5,324	(763)	4,561
	29,185	(1,090)	28,095
Net	154,364	3,746	158,110

Consolidated			
	Balance as of January 1, 2020	Recognized in income	Balance as of June 30, 2020
Noncurrent assets			
Provisions for legal claims	517,370	(8,018)	509,352
Post-employment benefits	405,414	4,731	410,145
Impairment of assets	385,467	(11,703)	373,764
Research and development and energy efficiency programs	165,331	(558)	164,773
Expected credit losses	131,821	22,155	153,976
Tax losses and negative tax basis	98,242	(8,552)	89,690
Social security contributions - injunction on judicial deposit	71,200	2,002	73,202
Provision for profit sharing	52,115	(21,076)	31,039
Amortization - concession	58,344	2,611	60,955
Concession contracts	22,353	(646)	21,707
Provision for energy purchases	18,039	-	18,039
Others	143,259	8,958	152,217
	2,068,955	(10,096)	2,058,859
(-) Noncurrent liabilities			
Concession contracts	712,449	53,087	765,536
Deemed cost	381,209	(15,880)	365,329
Derivative financial instruments	70,945	11,810	82,755
Escrow deposits monetary variation	61,145	1,494	62,639
Accelerated depreciation	50,322	-	50,322
Transaction cost on borrowings and debentures	32,108	(4,268)	27,840
Others	42,577	7,864	50,441
	1,350,755	54,107	1,404,862
Net	718,200	(64,203)	653,997
Assets presented in the Statement of Financial Position	1,011,866		1,014,028
(-) Liabilities presented in the Statement of Financial Position	(293,666)		(360,031)

13.1.2 Projection for realization of deferred income tax and social contribution

	Parent Company		Consolidated	
	Assets	Liabilities	Assets	Liabilities
2020	1,262	(535)	157,653	(48,281)
2021	1,276	(1,195)	323,270	(88,654)
2022	309	(445)	172,708	(94,342)
2023	309	-	113,740	(113,486)
2024	309	-	94,074	(87,244)
2025 to 2027	927	-	209,896	(228,386)
2028 to 2029	181,813	(25,920)	987,518	(744,469)
	186,205	(28,095)	2,058,859	(1,404,862)

13.1.3 Unrecognized tax credits

As of June 30, 2020, UEG Araucária did not recognize income tax and social contribution credits on income tax and social contribution tax losses in the amount of R\$128.738 (R\$83.273 in December 31, 2019) for not having, at that moment, 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	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019
Current assets				
Recoverable ICMS (VAT)	-	-	108,445	103,977
Recoverable PIS/Pasep and Cofins taxes (13.2.1)	-	-	814,078	98,942
Other recoverable taxes	-	-	2,668	2,141
			925,191	205,060
Noncurrent assets				
Recoverable ICMS (VAT)	-	-	79,042	74,568
Recoverable PIS/Pasep and Cofins taxes (13.2.1)	88,059	87,583	5,068,841	213,667
Other recoverable taxes	14	14	33,676	33,776
	88,073	87,597	5,181,559	322,011
Current liabilities				
ICMS (VAT) payable	-	-	156,283	179,662
PIS/Pasep and Cofins payable (a)	-	-	353,200	125,197
IRRF on JSCP	-	-	-	117,807
Special Tax Regularization Program - Pert	-	-	50,124	49,310
Ordinary financing of taxes with the federal tax authorities	-	-	-	18,063
Other taxes	135	120	12,827	11,029
	135	120	572,434	501,068
Noncurrent liabilities				
Social security contributions - injunction on judicial deposit	2,910	2,817	215,642	209,747
Special Tax Regularization Program - Pert	-	-	430,231	447,897
PIS and Cofins with suspended liability (13.2.2)	-	-	566	-
Other taxes	-	-	4,548	4,470
	2,910	2,817	650,987	662,114

(a) The Federal Government postponed the expiration of PIS/Pasep and Cofins for the period from August to November 2020, originally scheduled for collection from April to June 2020, as one of the tax measures to minimize the impacts of the coronavirus pandemic on companies. The balance not yet paid was remeasured with the effects of the court decision and reclassified to Pis and Cofins to be refunded to consumers (Note 13.2.1).

13.2.1 Pis and Cofins credit on ICMS

On August 12, 2009, Copel DIS filed for writ of mandamus No. 5032406-35.2013.404.7000 with the 3rd Federal Court of Curitiba applying for the granting of an order to stop including ICMS in the PIS and COFINS tax base, as well as to authorize it to proceed with the administrative offsetting of the amounts that have been overpaid for such social contributions in the last five years.

On June 16, 2020, a final unappealable ruling was handed down by the 2nd Panel of the Federal Regional Court of the 4th Region recognizing Copel DIS's right to exclude from the PIS and COFINS tax base the full amount of ICMS separately disclosed in the shipment invoices. The ruling also recognized that the limitation period, in this case, is of five years and that, therefore, Copel has the right to recover the amounts that have been paid during the five years prior to the filing for the writ of mandamus.

Considering the favorable ruling that has been rendered, Copel DIS recognized the updated tax credit in assets, which will be recovered using the following expedients: by offsetting against taxes payable within the 5-year statute-barring period, and, if necessary, by receiving securities issued in connection with Federal Government debts ("precatórios").

Additionally, based on the opinion of its legal counsel, the Company recorded the liability to be refunded to consumers for the last 10 years of the credit, as from the date of the unappealable ruling, considering the current legislation, the statute-barring period defined in the civil code and case law of the courts.

The table below shows the impacts from these records on Copel's statement of financial position and statement of income:

	06.30.2020
Tax credit - principal	3,618,216
Tax credit - monetary update	2,003,771
Effect on assets	5,621,987
Pis and Cofins to be refunded to consumers	(3,783,134)
Tax liabilities - Pis/Pasep and Cofins payable on financial income	(93,175)
Income tax and social contribution	(593,530)
Effect on liabilities	(4,469,839)
EFFECT ON BALANCE SHEET	1,152,148
Net operating revenue	809,154
Financial income, net of pis and cofins	936,524
Income tax and social contribution	(593,530)
EFFECT ON THE INCOME STATEMENT	1,152,148

The amounts of Pis and Cofins of Copel DIS for the months of March to June 2020, which have not yet been paid, were remeasured with the effects from the court decision and reclassified to the liability account to be refunded to consumers so that the total balance to be returned to consumers as of June 30, 2020 is R\$ 3,903,782.

Pis and Cofins to be refunded to consumers

	06.30.2020
Calculated and paid amounts	3,783,134
Pis and Cofins calculated from March to June 2020	120,648
	3,903,782
	Current 120,648
	Noncurrent 3,783,134

13.2.2 Pis and Cofins under suspended enforceability

On May 15, 2020, Copel Telecomunicações S.A. obtained a preliminary injunction favorable to the Company, suspending enforceability of a portion of Pis and Cofins, recognizing that ICMS should not be included in the tax base of these contributions. Accordingly, the Company has been suspending the payment of this complementary amount and provisioning the amounts until a final decision on the merits of the action is rendered.

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

	Parent Company		Consolidated	
	06.30.2020	06.30.2019	06.30.2020	06.30.2019
Income before IRPJ and CSLL	2,127,506	849,624	3,190,738	1,329,814
IRPJ and CSLL (34%)	(723,352)	(288,872)	(1,084,851)	(452,137)
Tax effects on:				
Equity in income	718,841	286,501	9,308	2,616
Dividends	-	57	-	57
Non deductible expenses	(2,789)	(87)	(8,620)	(8,378)
Tax incentives	142	84	8,154	7,045
Unrecognized income and social contribution tax loss carry-forwards	-	-	(49,415)	(17,306)
Setting up and/or offset of income tax and social contribution losses of prior years	-	-	-	(3,348)
Difference between the calculation bases of deemed profit and taxable profit	-	-	36,801	(5,426)
Others	12	12	3,741	(34)
Current IRPJ and CSLL	(10,892)	(5,907)	(1,020,679)	(450,099)
Deferred IRPJ and CSLL	3,746	3,602	(64,203)	(26,812)
Effective rate - %	0.3%	0.3%	34.0%	35.9%

	Parent Company		Consolidated	
	04.01.2020 to 06.30.2020	Restated 04.01.2019 to 06.30.2019	04.01.2020 to 06.30.2020	Restated 04.01.2019 to 06.30.2019
Income before IRPJ and CSLL	1,615,927	349,021	2,417,539	558,655
IRPJ and CSLL (34%)	(549,415)	(118,667)	(821,963)	(189,943)
Tax effects on:				
Equity in income	544,267	118,877	1,532	(2,954)
Dividends	-	57	-	57
Non deductible expenses	(2,778)	(7)	(4,850)	(3,284)
Tax incentives	83	40	4,513	2,748
Unrecognized income and social contribution tax loss carry-forwards	-	-	(32,981)	(10,366)
Setting up and/or offset of income tax and social contribution losses of prior years	-	-	214	(6,011)
Difference between the calculation bases of deemed profit and taxable profit	-	-	28,387	(1,520)
Others	6	7	2,549	(440)
Current IRPJ and CSLL	(7,418)	444	(753,700)	(160,283)
Deferred IRPJ and CSLL	(419)	(137)	(68,899)	(51,431)
Effective rate - %	0.5%	-0.1%	34.0%	37.9%

14 Prepaid Expenses

Consolidated	06.30.2020	12.31.2019
Program for incentive to alternative energy sources - Proinfa	18,447	18,504
Insurance premiums	6,237	11,693
Risk premium - GSF renegotiation (14.1)	-	3,180
Others	202	318
	24,886	33,695
	Current	24,754
	Noncurrent	132
		33,563
		132

14.1 Hydrological risk renegotiation (Generation Scaling Factor - GSF)

Consolidated	Balance as of January 1, 2020	Amortization	Balance as of June 30, 2020
Risk premium - current asset	3,180	(3,180)	-
Intangible	31,667	(3,520)	28,147
	34,847	(6,700)	28,147
Risk premium to be amortized - prepaid expenses	3,180		-
Grant extension period - intangible	31,667		28,147

15 Receivables from Related Parties

	Parent Company		Consolidated	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019
Current assets				
Subsidiaries				
UEG Araucária - mutual (15.2)	25,114	-	-	-
Structure sharing	6,473	6,039	-	-
Nocurrent assets				
Subsidiaries				
Copel DIS (15.1)	147,210	108,983	-	-
Current liabilities				
Subsidiaries				
Copel CTE - mutual (15.3)	280,022	-	-	-
Structure sharing	693	696	-	-
Current liabilities				
Subsidiaries				
Elejor advance	-	145	-	-

15.1 Copel DIS - Financing transferred - STN

The Company transferred loans and financing to its wholly-owned subsidiaries at the time of its establishment in 2001. However, since the contracts for the transfers to the subsidiaries were not subject to formalization with the financial institutions, these commitments are also recorded in the Parent company.

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

15.2 UEGA - Loan Agreement

On February 20, 2020, a loan agreement was signed between Companhia Paranaense de Energia - Copel and Copel Geração e Transmissão S.A. (lenders) and UEG Araucária Ltda. - UEGA (borrower), with approval of limits plus IOF (tax on financial transactions) and interest of 119 % of CDI, in order to provide funds to finance the company's activities and business and effective up to 12.31.2020. Of the approved limit value of R\$ 40,000, R\$ 25,000 was used. The amount of financial income in the first half was R\$ 108.

15.3 Copel Telecomunicações – Intercompany Loan Agreement

On June 19, 2020, a loan agreement was entered into by and between Copel Telecomunicações S.A. (lender) and Companhia Paranaense de Energia - Copel (borrower), with approval of limits increased by IOF and interest of 120% of CDI, in order to provide funds for the financing of the company's activities and businesses and effective until June 30, 2021. The amount of financial income in the first six-month period was R\$ 28.

16 Judicial Deposits

	Parent Company		Consolidated	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019
Taxes claims	124,886	122,422	359,115	351,402
Labor claims	215	175	75,436	85,187
Civil				
Civil	-	-	58,499	53,260
Easements	-	-	3,451	5,076
Customers	-	-	4,059	1,897
	-	-	66,009	60,233
Others	357	1,622	6,236	7,368
	125,458	124,219	506,796	504,190

17 Investments

17.1 Changes in investments

Parent Company							
	Balance as of January 1, 2020	Equity	Investment/ AFAC	Capital decrease	Amorti- zation	Dividends and JSCP	Balance as of June 30, 2020
Subsidiaries							
Copel GeT	9,749,705	594,899	-	-	-	(175,383)	10,169,221
Copel DIS	6,012,246	1,497,688	-	-	-	(86,793)	7,423,141
Copel TEL	710,128	5,979	-	-	-	-	716,107
Copel REN	29,175	202	-	-	-	-	29,377
Copel Energia	243,123	29,697	3,500	-	-	-	276,320
UEG Araucária (17.2)	64,094	(27,392)	-	-	-	-	36,702
Compagás (17.2)	284,747	10,607	-	-	-	(53,912)	241,442
Elejor (17.2)	30,002	1,568	-	-	-	(5,851)	25,719
Elejor - concession rights	12,254	-	-	-	(377)	-	11,877
	17,135,474	2,113,248	3,500	-	(377)	(321,939)	18,929,906
Joint Ventures							
Voltalia São Miguel do Gostoso I (17.3)	110,099	(3,712)	-	-	-	-	106,387
Voltalia São Miguel do Gostoso - authorization rights	10,038	-	-	-	(184)	-	9,854
Solar Paraná	-	(72)	2,335	-	-	-	2,263
	120,137	(3,784)	2,335	-	(184)	-	118,504
Associates							
Dona Francisca Energética (17.4)	28,423	4,780	-	-	-	(5,247)	27,956
Other	2,186	(5)	-	(228)	-	-	1,953
	30,609	4,775	-	(228)	-	(5,247)	29,909
	17,286,220	2,114,239	5,835	(228)	(561)	(327,186)	19,078,319

Consolidated	Balance as of January 1, 2020	Equity	Investment/ AFAC	Capital decrease	Amorti- zation	Dividends and JSCP	Other (a)	Balance as of June 30, 2020
Joint Ventures (17.3)								
Voltalia São Miguel do Gostoso I	110,099	(3,712)	-	-	-	-	-	106,387
Voltalia São Miguel do Gostoso - direito de autorização	10,038	-	-	-	(184)	-	-	9,854
Caiuá	78,312	(11,565)	25,024	-	-	-	-	91,771
Integração Maranhense	138,716	3,333	-	-	-	-	-	142,049
Matrinchã	711,527	8,289	-	-	-	1,141	-	720,957
Guaraciaba	337,077	16,079	-	-	-	(1,328)	-	351,828
Paranaíba	173,973	4,087	-	-	-	-	-	178,060
Mata de Santa Genebra	573,357	8,364	25,351	-	-	-	-	607,072
Cantareira	338,268	(8,216)	-	-	-	-	-	330,052
Solar Paraná	-	(72)	2,335	-	-	-	-	2,263
	2,471,367	16,587	52,710	-	(184)	(187)	-	2,540,293
Associates								
Dona Francisca Energética (17.4)	28,423	4,780	-	-	-	(5,247)	-	27,956
Foz do Chopim Energética (17.4)	12,175	6,083	-	-	-	(6,095)	-	12,163
Dominó Holdings	246	(68)	-	-	-	-	-	178
Other	10,155	(5)	-	(228)	-	-	(7,969)	1,953
	50,999	10,790	-	(228)	-	(11,342)	(7,969)	42,250
Investment property	813	-	-	-	(2)	-	8	819
	2,523,179	27,377	52,710	(228)	(186)	(11,529)	(7,961)	2,583,362

(a) R\$7.969 of Impairment of Estação Osasco Desenvolvimento Imobiliário S.A., an associate of UEG Araucária.

17.2 Subsidiaries with non-controlling interests

17.2.1 Summarized financial information

	Compagás	Elejor	UEG Araucária
	06.30.2020	06.30.2020	06.30.2020
ASSETS	837,509	631,169	260,298
Current assets	271,373	100,634	66,084
Noncurrent assets	566,136	530,535	194,214
LIABILITIES	837,509	631,169	260,298
Current liabilities	281,705	82,001	73,330
Noncurrent liabilities	82,388	512,427	6,164
Equity	473,416	36,741	180,804
STATEMENT OF INCOME			
Operating revenues	263,553	85,709	156,897
Operating costs and expenses	(227,922)	(30,581)	(286,755)
Financial results	(2,816)	(51,748)	294
Equity in earnings of investees	-	-	-
Income tax and social contribution	(12,017)	(1,138)	(5,372)
Net income (loss)	20,798	2,242	(134,936)
Other comprehensive income	-	-	-
Total comprehensive income	20,798	2,242	(134,936)
STATEMENTS OF CASH FLOWS			
Cash flows from operational activities	58,163	4,670	8,397
Cash flows from investment activities	(8,058)	(231)	1,366
Cash flows from financing activities	(23,252)	(8,151)	24,924
TOTAL EFFECTS ON CASH AND CASH EQUIVALENTS	26,853	(3,712)	34,687
Cash and cash equivalents at the beginning of the year	141,696	37,878	7,119
Cash and cash equivalents at the end of the year	168,549	34,166	41,806
CHANGE IN CASH AND CASH EQUIVALENTS	26,853	(3,712)	34,687

17.2.2 Changes in equity attributable to non-controlling shareholders

Participation in capital stock	Compagás: 49%	Elejor: 30%	UEG Araucária: 18,8%	Consolidated
Balance as of January 1, 2020	273,580	12,858	59,360	345,798
Net income (loss)	10,191	673	(25,368)	(14,504)
Deliberation of additional dividends proposed	(51,799)	-	-	(51,799)
Dividends	-	(2,510)	-	(2,510)
Balance as of June 30, 2020	231,972	11,021	33,992	276,985

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

	Voltalia	Caiuá	Integração Maranhense	Matrinchã	Guaraciaba	Paranaíba	Mata de Santa Genebra	Cantareira
Balance as of June 30, 2020								
ASSETS	219,332	305,691	482,328	2,307,290	1,313,951	1,625,711	2,577,853	1,504,756
Current assets	3,647	66,454	64,119	275,930	158,251	188,929	271,416	196,237
Cash and cash equivalents	1,453	39,398	9,511	67,299	53,267	30,223	19,753	56,273
Other current assets	2,194	27,056	54,608	208,631	104,984	158,706	251,663	139,964
Noncurrent assets	215,685	239,237	418,209	2,031,360	1,155,700	1,436,782	2,306,437	1,308,519
LIABILITIES	219,332	305,691	482,328	2,307,290	1,313,951	1,625,711	2,577,853	1,504,756
Current liabilities	2,216	58,229	70,014	165,305	90,622	103,979	131,401	62,288
Financial liabilities	-	7,541	13,402	71,806	36,456	61,131	60,326	47,167
Other current liabilities	2,216	50,688	56,612	93,499	54,166	42,848	71,075	15,121
Noncurrent liabilities	-	60,178	122,420	670,642	505,310	794,951	1,234,731	768,892
Financial liabilities	-	46,351	71,898	618,375	446,885	562,064	1,234,731	495,932
Other noncurrent liabilities	-	13,827	50,522	52,267	58,425	232,887	-	272,960
Equity	217,116	187,284	289,894	1,471,343	718,019	726,781	1,211,721	673,576
STATEMENT OF INCOME								
Net operating income	-	9,315	14,192	133,270	33,793	56,048	166,007	45,782
Operating costs and expenses	(40)	(31,368)	(1,966)	(81,726)	2,552	(9,583)	(94,593)	(53,965)
Financial results	14	(1,730)	(2,664)	(24,040)	(17,441)	(22,765)	(46,016)	(19,797)
Equity in income of subsidiaries	(7,549)	-	-	-	-	-	-	-
Income tax and social contribution	-	180	(2,762)	3,113	2,507	(7,016)	(8,703)	11,214
Net income (loss)	(7,575)	(23,603)	6,800	30,617	21,411	16,684	16,695	(16,766)
Other comprehensive income	-	-	-	-	-	-	-	-
Total comprehensive income	(7,575)	(23,603)	6,800	30,617	21,411	16,684	16,695	(16,766)
Investment interest - %	49.0	49.0	49.0	49.0	49.0	24.5	50.1	49.0
Investment book value	106,387	91,771	142,049	720,957	351,828	178,060	607,072	330,052

As of June 30, 2020, Copel's interest in the commitments assumed from its joint ventures is equivalent to R\$4.593 (R\$5.936 as of December 31, 2019) and in contingent liabilities is equivalent to R\$90.055 (R\$89.688 as of December 31, 2019).

The losses posted by Caiuá and Cantareira are mainly due to the recognition of provision for lawsuits, in the amounts of R\$ 28,891 and R\$ 51,511, respectively, resulting from an arbitration proceeding on the controversial amount for economic and financial rebalancing of the construction contract.

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

	Dona Francisca	Foz do Chopim
	06.30.2020	06.30.2020
ASSETS	129,013	62,455
Current assets	13,396	32,594
Noncurrent assets	115,617	29,861
LIABILITIES	129,013	62,455
Current liabilities	4,327	1,958
Noncurrent liabilities	3,287	26,490
Equity	121,399	34,007
STATEMENT OF INCOME		
Net operating income	35,261	27,145
Operating costs and expenses	(13,463)	(8,381)
Financial income (expense)	138	(722)
Income tax and social contribution	(1,178)	(1,035)
Net income	20,758	17,007
Other comprehensive income	-	-
Total comprehensive income	20,758	17,007
Investment interest - %	23.0303	35.77
Investment book value	27,956	12,163

As of June 30, 2020, Copel's interest in the contingent liabilities of its associates is equivalent to R\$108.433 (R\$78.793 as of December 31, 2019).

18 Property, Plant and Equipment

18.1 Property, plant and equipment by asset class

Consolidated	Cost	Accumulated depreciation	06.30.2020	Cost	Accumulated depreciation	12.31.2019
In service						
Reservoirs, dams and aqueducts	8,081,980	(4,503,261)	3,578,719	8,082,238	(4,405,546)	3,676,692
Machinery and equipment	8,874,983	(3,073,183)	5,801,800	8,875,458	(2,871,568)	6,003,890
Buildings	1,962,446	(1,076,763)	885,683	1,962,033	(1,054,009)	908,024
Land	490,149	(32,960)	457,189	490,071	(27,651)	462,420
Vehicles and aircraft	45,888	(43,353)	2,535	47,960	(44,876)	3,084
Furniture and tools	22,251	(14,964)	7,287	22,415	(14,466)	7,949
(-) Impairment (18.5)	(1,059,456)	-	(1,059,456)	(961,177)	-	(961,177)
(-) Impairment (18.6)	(60,380)	-	(60,380)	(81,322)	-	(81,322)
(-) Special Obligations	(332)	55	(277)	(78)	35	(43)
	18,357,529	(8,744,429)	9,613,100	18,437,598	(8,418,081)	10,019,517
In progress						
Cost	790,684	-	790,684	700,172	-	700,172
(-) Impairment (18.5)	(128,269)	-	(128,269)	(122,261)	-	(122,261)
(-) Impairment (18.6)	(3,395)	-	(3,395)	(5,325)	-	(5,325)
	659,020	-	659,020	572,586	-	572,586
	19,016,549	(8,744,429)	10,272,120	19,010,184	(8,418,081)	10,592,103

18.2 Changes in property, plant and equipment

Consolidated	Balance as of January 1, 2020	Additions / Impairment	Depreciation	Loss on disposal	Transfers	Balance as of June 30, 2020
In service						
Reservoirs, dams and aqueducts	3,676,692	-	(97,726)	-	(247)	3,578,719
Machinery and equipment	6,003,890	-	(216,661)	(23,221)	37,792	5,801,800
Buildings	908,024	-	(22,753)	-	412	885,683
Land	462,420	-	(5,309)	-	78	457,189
Vehicles and aircraft	3,084	-	(622)	(29)	102	2,535
Furniture and tools	7,949	-	(787)	(127)	252	7,287
(-) Impairment (18.5)	(961,177)	(98,279)	-	-	-	(1,059,456)
(-) Impairment (18.6)	(81,322)	20,942	-	-	-	(60,380)
(-) Special Obligations	(43)	(254)	20	-	-	(277)
	10,019,517	(77,591)	(343,838)	(23,377)	38,389	9,613,100
In progress						
Cost	700,172	136,462	-	(5,217)	(40,733)	790,684
(-) Impairment (18.5)	(122,261)	(6,008)	-	-	-	(128,269)
(-) Impairment (18.6)	(5,325)	1,930	-	-	-	(3,395)
	572,586	132,384	-	(5,217)	(40,733)	659,020
	10,592,103	54,793	(343,838)	(28,594)	(2,344)	10,272,120

18.3 Costs of loans and financing and debentures capitalized

The costs of loans and financing and debentures capitalized in the first half of 2020 totaled R\$712, at an average rate of 0.02% p.y. (R\$2,393, at an average rate of 0.06% p.y. during the first half of 2019).

18.4 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 rate (%)	06.30.2020	12.31.2019
HPP Gov. Jayme Canet Júnior (Mauá) - Consórcio Energético Cruzeiro do Sul	51.0			
In service			859,917	859,917
(-) Accumulated depreciation		3.43	(220,727)	(206,000)
In progress			24,150	16,789
			663,340	670,706
HPP Baixo Iguaçu	30.0			
In service			692,593	692,593.0
(-) Accumulated depreciation		3.30	(30,449)	(19,038.0)
In progress			47,291	49,240
			709,435	722,795
			1,372,775	1,393,501

18.5 Impairment of generation segment assets

The projects with impairment balances recorded on June 30, 2020 are the following:

Consolidated	Property, Plant and Equipment			Value in use
	Cost	Depreciation	Impairment	
HPP Colíder	2,474,220	(121,678)	(759,616)	1,592,926
Wind power complex Cutia	1,246,479	(90,579)	(56,232)	1,099,668
UEGA	702,005	(430,032)	(111,947)	160,026
Consórcio Tapajós (a)	14,464	-	(14,464)	-
Power plants in Paraná	1,013,148	(87,731)	(245,466)	679,951
	5,450,316	(730,020)	(1,187,725)	3,532,571

(a) Project under development

In the first half of 2020, the impairment changed as follows:

Consolidated	Balance as of January 1, 2020	Impairment	Balance as of June 30, 2020
In service			
UHE Colíder	(777,294)	17,678	(759,616)
Wind power complex Cutia	(54,104)	(2,128)	(56,232)
UEGA	-	(111,947)	(111,947)
Power plants in Paraná	(129,779)	(1,882)	(131,661)
	(961,177)	(98,279)	(1,059,456)
In progress			
Consórcio Tapajós	(14,464)	-	(14,464)
Power plants in Paraná	(107,797)	(6,008)	(113,805)
	(122,261)	(6,008)	(128,269)
	(1,083,438)	(104,287)	(1,187,725)

18.6 Property, Plant and Equipment of Copel Telecomunicações

The Company's Management continuously monitors the business environment of the telecommunications segment, paying particular attention to factors such as the increased competitiveness of the sector, the high degree of investment required to maintain its customer base and the expected return from this segment. The recorded amounts of estimated impairment of assets and write-offs resulting from the retirement of assets are shown in Notes 33.4 and 33.6. The reversal of impairment in the period occurred due to depreciation, write-offs and recovery of provisioned equipment, referring to assets for which estimated losses were recorded.

18.7 Plants under construction

18.7.1 SHP Bela Vista

With estimated investment of R\$200,000, this plant, with installed capacity of 29.4 MW and physical guarantee of 16.6 MW mean, will be built on the Chopim River, in the municipalities of São João and Verê, located in the southwest region of the state of Paraná.

The participation in the A-6 auction held on August 31, 2018 led to sale of 14.7 MW mean in regulated contracts at the original price of R\$ 195.70/MWh. The energy sale contracts provide for beginning of energy supply on January 1, 2024, with a 30-year term and annual adjustment by reference to IPCA variation.

The works started in August 2019, and the three-generating units are expected to start operating in the first half of 2021.

18.7.2 Jandaíra Wind Complex

With estimated investment of R\$401,610, this wind farm, with installed capacity of 90.1 MW and physical guarantee of 47.6 MW mean, will be built in the municipalities of Pedra Preta and Jandaíra, in the state of Rio Grande do Norte.

The participation in the new power generation auction A-6, held on October 18, 2019, led to sale of 14.4 MW mean in regulated contracts at the original price of R\$ 98.00/MWh. The energy sale contracts provided for beginning of energy supply on January 1, 2025, with a 20-year term and annual adjustment by reference to IPCA variation.

The works are expected to start in December 2020, and the wind farm is expected to start operating between May 2022 and July 2022, on a phased basis, by wind turbine.

19 Intangible assets

Consolidated	06.30.2020	12.31.2019
Concession agreement - distribution of electricity (19.1)	5,811,485	5,703,686
Generation concession agreements/ authorization (19.2)	570,156	582,671
Others (19.4)	48,340	46,254
	6,429,981	6,332,611

19.1 Power distribution service concession

Consolidated	Intangible asset in service	Special liabilities in service	Total
Balance as of January 1, 2020	8,487,265	(2,783,579)	5,703,686
Transfers from contract assets (Note 11.1)	336,613	(39,385)	297,228
Transfers to other receivables	(72)	-	(72)
Amortization of quotas - concession (a)	(238,367)	68,751	(169,616)
Amortization of quotas - PIS/Pasep and Cofins credits	(5,338)	-	(5,338)
Loss on disposal	(14,403)	-	(14,403)
Balance as of June 30, 2020	8,565,698	(2,754,213)	5,811,485

(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, 2020	209,467	-	373,204	582,671
ANEEL grant - use of public property	-	3,682	-	3,682
Amortization of quotas - concession and authorization (b)	(8,703)	-	(7,494)	(16,197)
Capitalizations for intangible in service	3,682	(3,682)	-	-
Balance as of June 30, 2020	204,446	-	365,710	570,156

(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

Consolidated	Total
Balance as of January 1, 2020	-
Transfers from accounts receivable - concessions (Note 10.2)	11,539
Amortization of quotas - concession	(11,539)
Balance as of June 30, 2020	-

19.4 Other intangible assets

Consolidated	in service	in progress	Total
Balance as of January 1, 2020	31,620	14,634	46,254
Acquisitions	128	4,119	4,247
Transfers from property, plant and equipment	71	3,019	3,090
Capitalizations for intangible in service	4,754	(4,754)	-
Amortization of quotas (a)	(5,242)	-	(5,242)
Amortization of quotas - PIS/Pasep and Cofins credits	(6)	-	(6)
Loss on disposal	-	(3)	(3)
Balance as of June 30, 2020	31,325	17,015	48,340

(a) Annual amortization rate: 20%.

20 Payroll, Social Charges and Accruals

	Parent Company		Consolidated
	06.30.2020	12.31.2019	06.30.2020
Social security liabilities			
Taxes and social contribution	3,455	1,939	99,329
Social security charges on paid vacation and 13th salary	1,058	607	36,328
	4,513	2,546	135,657
Labor liabilities			
Payroll, net	-	1,945	48
Vacation and 13th salary	3,389	2,149	118,626
Provisions for profit sharing	3,997	1,430	127,126
Voluntary retirement program	-	367	558
Other liabilities	-	-	10
	7,386	5,891	246,368
	11,899	8,437	382,025
			337,044

21 Accounts Payable to Suppliers

Consolidated	06.30.2020	12.31.2019
Energy supplies	932,073	1,085,777
Materials and supplies	482,398	520,647
Natural gas for resale	64,113	79,174
Charges for use of grid system	184,033	187,595
	1,662,617	1,873,193
	Current	1,471,402
	Noncurrent	191,215
		187,913

22 Loans and Financing

Consolidated													
Contracts	Company	Allocation	Guarantees	Issue Date	Number of installment	Final maturity	Payment of charges	Contractual financial charges p.y.	Effective interest rate p.y.	Contract amount	06.30.2020	12.31.2019	
FOREIGN CURRENCY													
National Treasury Department (STN - <i>Secretaria do Tesouro Nacional</i>)													
Par Bond	Copel	Debt negotiation	Guarantees deposited (22.1).	05.20.1998	1	04.11.2024	Half-yearly	6.0% + 0.20%	6.0% + 0.20%	17,315	86,942	64,325	
Discount Bond				05.20.1998	1	04.11.2024	Half-yearly	3.5% + 0.20%	3.5% + 0.20%	12,082	60,268	44,658	
Total foreign currency											147,210	108,983	
LOCAL CURRENCY													
Banco do Brasil													
CCB 306.401.381	Copel HOL	Working capital.	Credit assignment.	12.19.2019	5	03.25.2022	Quarterly	120.00% of DI	126.99% of DI	640,005	640,200	640,530	
NCI 306.401.445	Copel HOL			02.24.2017	2	02.15.2020	Half-yearly	124.5% of DI	136.15% of DI	77,000	-	39,446	
											640,200	679,976	
Eletrobras													
983/95	Copel DIS	National Program for Watering - Proni.	Own revenue; issue of promissory notes and commercial duplicates.	12.22.1994	80	11.15.2020	Quarterly	8.0%	8.0%	11	-	26	
984/95				12.22.1994	80	11.15.2020	Quarterly	8.0%	8.0%	14	-	11	
985/95				12.22.1994	80	08.15.2021	Quarterly	8.0%	8.0%	61	-	11	
206/07		Rural Electricity Program - Luz para Todos.		03.03.2008	120	08.30.2020	Monthly	5.0%+ 1.0%	5.05%	109,642	1,488	5,953	
273/09				02.18.2010	120	12.30.2022	Monthly	5.0%+ 1.0%	5.0%+ 1.0%	63,944	4,111	4,933	
											5,599	10,934	
Caixa Econômica Federal													
415.855-22/14	Copel DIS	Rural Electricity Program - Luz para Todos.	Own revenue; issue of promissory notes and commercial duplicates.	03.31.2015	120	12.08.2026	Monthly	6.0%	6.0%	16,984	12,452	13,410	
3153-352		Acquisition of machinery, equipment and IT and automation equipment.	Assignment of trade notes receivable.	11.01.2016	36	12.15.2021	Monthly	5.5 % above TJLP	5.5 % above TJLP	1,156	248	331	
											12,700	13,741	
Finep													
21120105-00	Copel Tel	BEL project - ultra wide band intranet service (Ultra Wide Band - UWB).	Lock of proceeds received in current account.	07.17.2012	81	10.15.2020	Monthly	4.0%	4.39%	35,095	1,050	2,626	
21120105-00				07.17.2012	81	10.15.2020	Monthly	3.5% + TR	3.88% + TR	17,103	887	2,219	
											1,937	4,845	
Banco do Brasil - BNDES Transfer													
21/02000-0	Copel GeT	Implementation of Mauá HPP.	Revenue from energy sales from the plant.	04.16.2009	179	01.15.2028	Monthly	2.13% above TJLP	2.13% above TJLP	169,500	89,859	95,807	
											89,859	95,807	

(continued)

Consolidated													
Contracts	Company	Allocation	Guarantees	Issue Date	Number of installment	Final maturity	Payment of charges	Contractual financial charges p.y.	Effective interest rate p.y.	Contract amount	06.30.2020	12.31.2019	
BNDES													
820989.1	Copel GeT	Implementation of Mauá HPP.	Revenue from energy sales from the plant.	03.17.2009	179	01.15.2028	Monthly	1.63% above TJLP	1.63% above TJLP	169,500	89,859	95,807	
1120952.1		Implementation of transmission line between Foz do Iguaçu and Cascavel Oeste substations.	Assignment of receivables; revenue from energy transmission services.	12.16.2011	168	04.15.2026	Monthly	1.82% and 1.42% above TJLP	1.82% and 1.42% above TJLP	44,723	19,420	21,090	
1220768.1		Implementation of Cavernoso II SHP.	Revenue from energy sales from the plant.	09.28.2012	192	07.15.2029	Monthly	1.36% above TJLP	1.36% above TJLP	73,122	43,817	46,240	
13211061		Implementation of Colider HPP.	Assignment of receivables	12.04.2013	192	10.15.2031	Monthly	0% and 1.49% above TJLP	6.43% and 7.68%	1,041,155	782,602	817,329	
13210331		Implementation of Cerquillo III substation.		12.03.2013	168	08.15.2028	Monthly	1.49% and 1.89% above TJLP	1.49% and 1.89% above TJLP	17,644	10,725	11,385	
15206041		Implementation of transmission line Assis - Paraguaçu Paulista II.		12.28.2015	168	06.15.2030	Monthly	2.42% above TJLP	9.04%	34,265	21,346	22,419	
15205921		Implementation of transmission lines Londrina - Figueira and Salto Osório - Foz do Chopim.		12.28.2015	168	12.15.2029	Monthly	2.32% above TJLP	8.93%	21,584	12,846	13,526	
18205101		Implementation of Baixo Iguaçu HPP.		11.22.2018	192	06.15.2035	Monthly	1.94% above TJLP	8.50%	194,000	190,430	196,827	
14205611-A	Copel DIS	Preservation of business, improvements, operating support and general investments in the expansion and consolidation of projects and social investment programs of companies (ISE).	Surety of Copel; assignment of revenues and indemnity rights under the concession.	12.15.2014	72	01.15.2021	Monthly	2.09% above TJLP	8.37%	41,583	4,097	7,611	
14205611-B				12.15.2014	6	02.15.2021	Annual	2.09 above TR BNDES	2.09 above TR BNDES	17,821	4,012	8,288	
14205611-C				12.15.2014	113	06.15.2024	Monthly	6.0%	6.0%	78,921	31,348	35,267	
14205611-D				12.15.2014	57	02.15.2021	Monthly	TJLP	TJLP	750	6	11	
14.2.1271.1	Santa Maria	Construction and implementation of wind generating plants.	Surety of Copel; pledge of shares; assignment of receivables and revenues.	06.01.2015	192	08.15.2031	Monthly	1.66% above TJLP	8.26%	71,676	43,618	45,582	
14.2.1272.1	Santa Helena			06.01.2015	192	08.15.2031	Monthly	1.66% above TJLP	8.26%	82,973	47,327	49,458	
11211521	GE Farol		Pledge of shares; assignment of receivables from energy sales from the project; assignment of machinery and equipment.	03.19.2012	192	06.15.2030	Monthly	2.34% above TJLP	2.34% above TJLP	54,100	39,424	41,388	
11211531	GE Boa Vista			03.19.2012	192	06.15.2030	Monthly	2.34% above TJLP	2.34% above TJLP	40,050	29,145	30,598	
11211541	GE S.B. do Norte			03.19.2012	192	06.15.2030	Monthly	2.34% above TJLP	2.34% above TJLP	90,900	66,099	69,394	
11211551	GE Olho D'Água			03.19.2012	192	06.15.2030	Monthly	2.34% above TJLP	2.34% above TJLP	97,000	70,594	74,112	
18204611	Cutia		Pledge of shares; assignment of receivables.	10.25.2018	192	07.15.2035	Monthly	2.04% above TJLP	8.37%	619,405	600,111	611,457	
13212221 - A	Costa Oeste		Implementation of transmission line between Cascavel Oeste and Umuarama Sul substations and implementation of Umuarama Sul substation.	Assignment of receivables; 100% of pledged shares.	12.03.2013	168	11.30.2028	Monthly	1.95% + TJLP	1.95% + TJLP	27,634	18,122	19,203
13212221 - B		12.03.2013			106	09.30.2023	Monthly	3.5%	3.5%	9,086	2,593	2,992	
14205851 - A	Marumbi	Implementation of transmission line between Curitiba and Curitiba Leste and implementation of Curitiba Leste substation.			07.08.2014	168	06.30.2029	Monthly	2.00% + TJLP	2.00% + TJLP	33,460	23,324	24,627
14205851 - B					07.08.2014	106	04.30.2024	Monthly	6.0%	6.0%	21,577	8,681	9,813
											2,159,546	2,254,424	
Total local currency												2,909,841	3,059,727
Gross debt											3,057,051	3,168,710	
(-) Transaction cost											(24,661)	(26,327)	
Net debt											3,032,390	3,142,383	
Current											461,797	255,521	
Noncurrent											2,570,593	2,886,863	

DI - Interbank Deposit Rate

IPCA - Inflation Index (Índice Nacional de Preços ao Consumidor Amplo, in Portuguese)

TJLP - Long-term interest rate

TR - Referential Rate

22.1 Collateral and escrow deposits - STN

Constitution of guarantees, in the form of a cash guarantee, Par Bond, in the amount of R\$82.424 (R\$57.968 at December 31, 2019), and Discount Bond, in the amount of R\$57.331 (R\$40.465 at December 31, 2019), intended to the repayment of the amount of principal related to the STN contracts, upon maturity on April 11, 2024. The amounts are adjusted by applying the weighted average of the percentage changes of the Zero-Coupon Bond prices of the United States of America Treasury, by the percentage share of each series of the instrument in the portfolio of collateral for repayment of principal, constituted pursuant to the Brazilian Financing Plan of 1992.

22.2 Breakdown of loans and financing by currency and index

Consolidated		06.30.2020	%	12.31.2019	%
Foreign currency - change in currencies in the period (%)					
U.S. Dollar	35.16	147,210	4.85	108,983	3.47
		147,210	4.85	108,983	3.47
Local currency - indexes at period end (%)					
TJLP	4.94	2,180,836	71.94	2,271,187	72.30
CDI	2.15	637,738	21.03	676,720	21.54
TR	0.00	881	0.03	2,202	0.07
IPCA	0.10	4,012	0.13	8,288	0.26
Without indexer (annual fixed rate)	-	61,713	2.02	75,003	2.36
		2,885,180	95.15	3,033,400	96.53
		3,032,390	100.00	3,142,383	100.00

22.3 Maturity of noncurrent installments

06.30.2020	Parent Company			Consolidated		
	Gross debt	(-) Transaction cost	Net debt	Gross debt	(-) Transaction cost	Net debt
2021	256,002	(717)	255,285	351,375	(1,531)	349,844
2022	128,001	(324)	127,677	319,875	(1,941)	317,934
2023	-	-	-	191,852	(1,619)	190,233
2024	145,724	-	145,724	333,512	(1,625)	331,887
2025	-	-	-	185,209	(1,622)	183,587
After 2025	-	-	-	1,210,351	(13,243)	1,197,108
	529,727	(1,041)	528,686	2,592,174	(21,581)	2,570,593

22.4 Changes in loans and financing

Parent Company	Foreign currency	Local currency	Total
Balance as of January 1, 2020	108,983	676,720	785,703
Charges	3,671	14,567	18,238
Monetary and exchange variations	37,908	-	37,908
Amortization - principal	-	(38,500)	(38,500)
Payment - charges	(3,352)	(15,049)	(18,401)
Balance as of June 30, 2020	147,210	637,738	784,948

Consolidated	Foreign currency	Local currency	Total
Balance as of January 1, 2020	108,983	3,033,400	3,142,383
Charges	3,671	92,540	96,211
Monetary and exchange variations	37,908	64	37,972
Amortization - principal	-	(147,431)	(147,431)
Payment - charges	(3,352)	(93,393)	(96,745)
Balance as of June 30, 2020	147,210	2,885,180	3,032,390

22.5 Covenants

The Company and its subsidiaries signed loans and financing 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 fulfill these conditions may lead to accelerated debt repayment and/or fines.

As of December 31, 2019, the Company was in compliance with all financial covenants measured only annually. As of June 30, 2020, Copel is in compliance with all other ratios and covenants.

The financial covenants contained in the agreements are presented below:

Company	Contract	Annual financial index	Limit
Copel GeT	BNDES Finem No. 820989.1 - Mauá	EBITDA / Net financial results	≥ 1,3
Copel DIS	Banco do Brasil No. 21/02000-0 - Mauá		
Santa Maria	BNDES Finem No. 14205611	Financial indebtedness / adjusted EBITDA	≤ 4,0
Santa Helena	BNDES Finem No. 14212711	Debt service coverage ratio	≥ 1,3
São Bento Energia, Investimento e Participações	BNDES Assignment Agreement		
GE Boa Vista S.A.	BNDES Finem No. 11211531		
GE Farol S.A.	BNDES Finem No. 11211521	Debt service coverage ratio	≥ 1,3
GE Olho D'Água S.A.	BNDES Finem No. 11211551		
GE São Bento do Norte S.A.	BNDES Finem No. 11211541		
Cutia	BNDES Finem No. 18204611	Debt service coverage ratio (a)	≥ 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

(a) financial ratio calculated based on the amounts of the consolidated financial statements of Cutia Empreendimentos Eólicos S.A.

23 Debentures

Company	Issue	Characteristics	Allocation	Guarantees	Issue Date	Number of installment	Final maturity	Payment of charges	Contractual financial charges p.y.	Effective interest rate p.y.	Contract amount	06.30.2020	12.31.2019
Copel	7 th 8 th	(a)	Working capital or used to make investments in the issuer.	Personal guarantee	01.19.2018	2	01.19.2021	Half-yearly	119.0% of DI	125.18% of DI	600,000	305,496	617,378
			Payment of the 6 th issue of debentures and working capital increase		06.14.2019	1	06.14.2022	Half-yearly	106.0% of DI	110.93% of DI	500,000	500,539	500,906
Copel GeT	1 st 3 rd 4 th	(a)	Working capital or used to make investments in the issuer.	Personal guarantee	05.15.2015	3	05.15.2020	Annual	113.0% of DI	114.29% of DI	1,000,000	-	346,906
					10.20.2017	3	10.20.2022	Half-yearly	126.0% of DI	131.21% of DI	1,000,000	1,006,992	1,011,691
			Full early redemption of the 4 th issue of the Company's trade promissory notes and partial payment of the 1 st amortization installment of the 2 nd issue of debentures.		07.23.2018	3	07.23.2023	Half-yearly	126.0% of DI	133.77% of DI	1,000,000	1,018,751	1,030,054
	5 th	(b)	Reimbursement of expenses related to the construction of the Transmission Lines Araraquara II - Taubaté, Assis - Londrina and Foz do Chopim.		09.25.2018	5	09.15.2025	Half-yearly	IPCA + 7.6475%	IPCA+ 8.3295%	290,000	310,121	308,464
	6 th (1 st serie)	(c)	Full early redemption of the 5 th issue of the Company's trade promissory notes and partial payment of the 2 nd amortization installment of the 2 nd issue of debentures.		07.15.2019	2	07.15.2024	Half-yearly	109.0% of DI	111.25% of DI	800,000	813,870	818,406
	6 th (2 nd serie)		Reimbursement of expenses related to the Colider HPP and Baixo Iguaçu HPP projects		07.15.2019	1	07.15.2025	Half-yearly	IPCA + 3.90%	IPCA+ 4.46%	200,000	207,249	205,677
Copel DIS	3 rd	(a)	Working capital or used to make investments in the issuer.	Personal guarantee	10.20.2017	2	10.20.2022	Half-yearly	126.0% of DI	130.85% of DI	500,000	503,496	505,846
	4 th		Working capital and payment of the 1 st installment of amortization of the 2 nd issue of debentures.		09.27.2018	3	09.27.2023	Half-yearly	DI + spread 2.70%	CDI + 3.96%	1,000,000	1,014,428	1,019,626
	5 th (1 st serie)	(c)	Investment for expansion, renovation or improvement and reimbursement of expenses of the Issuer's electricity distribution network linked to concession contract No. 46/1999 of ANEEL.		11.15.2019	3	11.15.2027	Half-yearly	IPCA + 4.20%	IPCA+ 4.61%	500,000	509,863	506,180
	5 th (2 nd serie)		Reinforcement of working capital and recomposition of cash by the final amortization of the 2nd issue of debentures.		11.15.2019	2	11.15.2022	Half-yearly	DI + spread 1.45%	CDI + 1.65%	350,000	351,774	351,914
	1 st	(a)	Deployment, expansion and modernization of the telecommunication network.		10.15.2015	5	10.15.2024	Half-yearly	IPCA + 7.9633%	IPCA+ 8.1073%	160,000	196,474	195,429
Copel CTE	2 nd				07.15.2017	1	07.15.2022	Half-yearly	IPCA + 5.4329%	IPCA+ 6.1036%	220,000	247,512	246,355
	3 rd		Investments in the issuer.		05.15.2019	3	05.15.2024	Half-yearly	117.0% of DI	119.58% of DI	210,000	210,809	211,348
Brisa Potiguar	2 nd (1 st serie)	(d)	Implementation of wind generating plants.	Real and personal guarantee and pledge of Copel GeT shares.	03.24.2016	192	07.15.2032	Monthly	TJLP + 2.02%	TJLP + 2.02%	147,575	114,408	119,171
	2 nd (2 nd serie)				03.24.2016	192	07.15.2032	Monthly	IPCA + 9.87%	IPCA+ 10.92%	153,258	131,092	135,657
Cutia	1 st	(b)	Construction and implementation of wind generating plants.	Personal guarantee	03.20.2019	26	12.15.2031	Half-yearly	IPCA + 5.8813%	IPCA+ 6.83%	360,000	347,617	352,829
Compagás	2 nd	(e)	Fund investment plan of the issuer.	Floating	04.15.2016	54	12.15.2021	Quarterly	TJLP + 2.17%	TJLP + 2.17%	33,620	4,500	6,001
	3 rd	(f)	Issuer's investment plan fund.	Real	12.17.2019	0	06.28.2021	Monthly	SELIC + 2.17%	SELIC + 2.17%	-	4,334	5,782
											43,000	29,150	44,746
											Gross debt	7,828,475	8,540,366
											(-) Transaction cost	(96,952)	(110,656)
											Net debt	7,731,523	8,429,710
											Current	778,350	1,164,301
											Noncurrent	6,953,173	7,265,409

(a) Simple debentures, single series, not convertible into shares, unsecured, for public distribution with restricted placement efforts, according to CVM No. 476. Guarantor: Copel. Trustee: Pentágono S.A. DTVM.

(b) Simple debentures, single series, not convertible into shares, with security interest and additional personal guarantee, for public distribution with restricted efforts, pursuant to CVM Instruction No. 476.

Guarantor: Copel. Trustee: Pentágono S.A. DTVM.

(c) Simple debentures, two series, not convertible into shares, unsecured, for public distribution with restricted placement efforts, according to CVM No. 476. Guarantor: Copel. Trustee: Pentágono S.A. DTVM.

(d) Simple debentures, two series, not convertible into shares, issued privately. Companies: Nova Asa Branca I, Nova Asa Branca II, Nova Asa Branca III, Nova Eurus e Ventos de Santo Uriel. Guarantor: Copel. They have no trustee.

(e) Simple registered debentures, single series, with private issue and exclusive placement by BNDESPAR. Guarantor: Compagás. Trustee: BNDES Participações S.A. BNDESPAR.

(f) Simple and registered debentures, with a single series, in private issue, with public distribution of restricted efforts. Guarantor: Compagás. Trustee: Simplific Pavarini DTVM Ltda.

23.1 Maturity of noncurrent installments

06.30.2020	Parent Company			Consolidated		
	Gross debt	(-) Transaction cost	Net debt	Gross debt	(-) Transaction cost	Net debt
2021	-	(765)	(765)	1,527,360	(11,398)	1,515,962
2022	500,000	(684)	499,316	2,398,311	(20,246)	2,378,065
2023	-	-	-	1,294,579	(12,565)	1,282,014
2024	-	-	-	626,088	(7,277)	618,811
2025	-	-	-	481,461	(5,298)	476,163
After 2025	-	-	-	698,327	(16,169)	682,158
	500,000	(1,449)	498,551	7,026,126	(72,953)	6,953,173

23.2 Changes in debentures

	Parent Company	Consolidated
Balance as of January 1, 2020	1,112,721	8,429,710
Charges and monetary variations	18,319	223,165
Amortization - principal	(300,000)	(668,096)
Payment - charges	(28,941)	(253,256)
Balance as of June 30, 2020	802,099	7,731,523

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, 2019, the Company was in compliance with all financial covenants measured only annually. As of June 30, 2020, Copel is in compliance with all other ratios and covenants.

The financial covenants contained in the agreements are presented as follows:

Company	Contract	Annual financial index	Limit
Copel	7 th issue of Debentures 8 th issue of Debentures	Consolidated net debt / Consolidated EBITDA Debt service coverage ratio	≤ 3,5 ≥ 1,5
	3 rd issue of Debentures 4 th issue of Debentures 5 th issue of Debentures 6 th issue of Debentures		
Copel DIS	3 rd issue of Debentures 4 th issue of Debentures 5 th issue of Debentures		
Copel TEL	1 st issue of Debentures 2 nd issue of Debentures 3 rd issue of Debentures		
Compagás	2 nd issue of Debentures	Net debt / EBTIDA	≤ 3,5
		General Indebtedness	≤ 0,7
Nova Asa Branca I Nova Asa Branca II Nova Asa Branca III Nova Eurus IV Ventos de Santo Uriel	2 nd issue of Debentures	Debt service coverage ratio	≥ 1,3
Cutia	1 st issue of Debentures	Debt service coverage ratio (a)	≥ 1,2

(a) financial ratio calculated based on the amounts of the consolidated financial statements of Cutia Empreendimentos Eólicos S.A.

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 legal dependents. The lifetime sponsorship of the Healthcare Plan for retirees, pensioners and legal dependents is only applied to "Prosaúde II" plan 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.

Further information is available in the Financial Statements of December 31, 2019.

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 is closed for new participants since 1998.

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

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 extended to all retirees and pensioners for life only 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	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019
Pension plans	2	228	969	1,537
Healthcare plans	9,086	8,808	1,207,336	1,193,399
	9,088	9,036	1,208,305	1,194,936
Current	214	378	67,326	66,004
Noncurrent	8,874	8,658	1,140,979	1,128,932

Amounts recognized in the statement of income are shown below:

	Parent Company		Consolidated	
	06.30.2020	06.30.2019	06.30.2020	06.30.2019
Employees				
Pension plans	284	263	32,595	35,687
Healthcare plan - post employment	384	304	47,174	49,794
Healthcare plan - active employees	464	427	42,290	43,130
(-) Transfers to construction in progress	-	-	(8,211)	(10,881)
	1,132	994	113,848	117,730
Management				
Pension plans	(15)	147	212	476
Healthcare plan	29	7	68	34
	14	154	280	510
	1,146	1,148	114,128	118,240

	Parent Company		Consolidated	
	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Employees				
Pension plans	138	134	15,319	17,443
Healthcare plan - post employment	192	152	23,585	24,896
Healthcare plan - active employees	250	201	20,520	21,365
(-) Transfers to construction in progress	-	-	(2,944)	(5,252)
	580	487	56,480	58,452
Management				
Pension plans	(114)	80	(56)	254
Healthcare plan	19	13	40	25
	(95)	93	(16)	279
	485	580	56,464	58,731

24.4 Changes in post-employment benefits

	Parent Company	Consolidated
Balance as of January 1, 2020	9,036	1,194,936
Appropriation of actuarial calculation	384	47,174
Appropriation of pension and healthcare contributions	1,956	59,850
Amortizations	(2,288)	(93,655)
Balance as of June 30, 2020	9,088	1,208,305

25 Sectorial Charges Due

Consolidated	06.30.2020	12.31.2019
Energy Development Account - CDE	3,638	4,104
Global Reversal Reserve - RGR	9,032	12,068
Tariff flags	-	12,336
	12,670	28,508

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	Balance as of 06.30.2020	Balance as of 12.31.2019
Research and Development - R&D					
FNDCT	-	5,105	-	5,105	4,046
MME	-	2,578	-	2,578	2,023
R&D	194,151	-	147,340	341,491	341,658
	194,151	7,683	147,340	349,174	347,727
Energy efficiency program - EEP					
Procel	-	21,737	-	21,737	16,410
EEP	46,979	-	258,892	305,871	294,034
	46,979	21,737	258,892	327,608	310,444
	241,130	29,420	406,232	676,782	658,171
			Circulante	358,021	375,395
			Não circulante	318,761	282,776

National Fund for Scientific and Technological Development - FNDCT

National Program of Electricity Conservation - Procel

26.2 Changes in R&D and EEP balances

Consolidated	FNDCT	MME	R&D	Procel	EEP	Total
Balance as of January 1, 2020	4,046	2,023	341,658	16,410	294,034	658,171
Additions	16,572	8,311	16,299	4,534	18,135	63,851
Performance agreement	-	-	-	-	1,815	1,815
Interest rate (Note 34)	-	-	2,875	793	4,275	7,943
Payments	(15,513)	(7,756)	-	-	-	(23,269)
Concluded projects	-	-	(19,341)	-	(12,388)	(31,729)
Balance as of June 30, 2020	5,105	2,578	341,491	21,737	305,871	676,782

27 Accounts Payable Related to Concessions

Consolidated	Company	Grant	Signature	Closing	Discount rate	Annual Adjustment	06.30.2020	12.31.2019
HPP Mauá	Copel GeT	06.29.2007	07.03.2007	07.2042	5.65% p.y.	IPCA	16,864	16,890
HPP Colider	Copel GeT	12.29.2010	01.17.2011	01.2046	7.74% p.y.	IPCA	24,437	24,353
HPP Baixo Iguaçu	Copel GeT	07.19.2012	08.20.2012	01.2047	7.74% p.y.	IPCA	7,628	7,588
HPP Guaricana	Copel GeT	03.03.2020	03.03.2020	03.2025	7.74% p.y.	IPCA	3,507	-
HPP Fundação e HPP Santa Clara	Elejor	10.23.2001	10.25.2001	10.2036	11.00% p.y.	IGPM	581,992	563,756
							634,428	612,587
							Current	76,265
							Noncurrent	558,163
								73,032
								539,555

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 payment restated, as defined in the concession agreement.

27.1 Changes in accounts payable related to concessions

Balance as of January 1, 2020	612,587
Additions	3,682
Adjust to present value	94
Monetary variations	54,895
Payments	(36,830)
Balance as of June 30, 2020	634,428

28 Right-of-use asset and lease liability

With the 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	Balance as of January 1, 2020	Additions	Remeasurement adjustment	Amortization	Loss on disposal	Balance as of June 30, 2020
Real estate	40,155	1,631	69	(8,879)	(918)	32,058
Vehicles	46,400	55,360	-	(10,101)	-	91,659
Equipment	6,276	-	-	(866)	-	5,410
	92,831	56,991	69	(19,846)	(918)	129,127

28.2 Lease liability

28.2.1 Changes in lease liability

	Parent Company	Consolidated
Balance as of January 1, 2020	283	96,604
Additions	-	56,991
Remeasurement adjustment	1	69
Charges	11	4,481
Amortization - principal	(77)	(18,786)
Payment - charges	(12)	(4,350)
Write-offs	-	(874)
Balance as of June 30, 2020	206	134,135

The Company defines the discount rate based on the interest rate applied to the last debentures fundraising, disregarding subsidized or incentivized funding. The last discount rate applied to contracts started in June 2020 was 3.60% p.y.

28.2.2 Maturity of noncurrent installments

2021	17,993
2022	34,575
2023	19,889
2024	15,873
2025	8,742
After 2025	1,069
Undiscounted amounts	98,141
Embedded interest	(1,792)
Lease liabilities balance	96,349

28.2.3 Potential right to Pis/Cofins recoverable

The table below shows the potential right to Pis/Cofins recoverable for Pis/Cofins computed in lease consideration payable in the foreseen periods.

Cash Flows	Nominal value	Present value
Lease consideration	154,603	134,135
Potencial Pis/Cofins	12,135	10,803

28.3 Impact of forecast inflation on discounted cash flows

In accordance with CPC 06 (R2) / IFRS 16, in measuring and remeasuring lease liabilities and right-of-use assets, the Company used the discounted cash flow method without considering forecast future inflation, according to the prohibition imposed by the standard.

However, given the current reality of long-term interest rates in the Brazilian economic environment, the table below shows the comparative balances between the information recorded in accordance with CPC 06 (R2) / IFRS 16 and the amount that would be recorded considering forecast inflation:

Consolidated	Balance in accordance with		Inflation projected balance	%
	IFRS 16			
Lease liabilities	134,135		148,318	10.57%
Right to use assets	129,127		140,175	8.56%
Financial expense	4,481		4,996	11.49%
Amortization expense	19,846		20,984	5.73%

28.4 Commitments from leases and rentals

For leases of low value assets, such as computers, printers and furniture, short-term leases, as well as for leases of land for development of wind power generation projects, whose 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	Less than 1 year	1 to 5 years	Over 5 years	06.30.2020
Commitments from leases and rents	6,453	29,914	155,295	191,662

29 Other Accounts Payable

Consolidated	06.30.2020	12.31.2019
Fair value in the purchase and sale of power (Note 36.2.12)	367,230	251,973
Customers	38,779	43,024
Public lighting rate collected	34,660	38,805
Obligations to customers in gas sales operations (a)	29,362	39,665
Aneel Order No. 084/2017 provision	27,494	26,008
Pledges in guarantee	13,605	9,257
Investment acquisition	13,597	13,294
Financial offset for the use of water resources	4,196	12,535
Reimbursements to customer contributions	4,806	4,887
Derivatives fair value - forward contract (Note 36.2.3 - b)	-	1,203
Other liabilities	60,970	58,218
	594,699	498,869
	Current	172,961
	Noncurrent	421,738
		149,407
		349,462

(a) Refers to amounts paid for the purchase of contracted gas volumes not yet taken by customers.

30 Provisions for Legal Claims and Contingent Liabilities

The Company and its subsidiaries are responsible for several legal and administrative proceedings before different courts. Based on assessments made by the Company's legal counsel, Management makes provisions for legal claims in which the losses are rated probable, when the criteria for recognition of provisioning described in Note 4.11 to the financial statements at December 31, 2019 are met.

The Company's management believes it is impracticable to provide information regarding the timing of any cash outflows related to the lawsuits for which the Company and its subsidiaries are responsible on the date of preparation of the quarterly information, in view of the unpredictability and dynamics of the Brazilian judicial, tax and regulatory systems, and that the final resolution depends on the conclusions of the lawsuits. For this reason, this information is not 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, 2020	Income			Additions to assets	Discharges	Transfers/ Others	Balances as of June 30, 2020
		Provision for litigations		Construction cost				
		Additions	Reversals	Additions				
Tax								
Cotins (a)	104,284	1,922	-	-	-	-	-	106,206
Others (b)	71,506	2,397	(2,916)	-	-	(198)	(1,112)	69,677
	175,790	4,319	(2,916)	-	-	(198)	(1,112)	175,883
Labors (c)	673,062	57,028	(912)	-	-	(65,504)	-	663,674
Employee benefits (d)	86,297	11,248	(11,415)	-	-	(543)	-	85,587
Civil								
Civil and administrative claims (e)	336,962	19,580	(14,534)	-	-	(13,741)	-	328,267
Easements (f)	127,010	249	-	1,563	840	(1,217)	-	128,445
Expropriations and property (g)	118,757	171	(752)	2,491	484	(41)	-	121,110
Customers (h)	4,956	149	(1,092)	-	-	(1)	-	4,012
Environmental (i)	4,071	64	(5)	-	-	-	-	4,130
	591,756	20,213	(16,383)	4,054	1,324	(15,000)	-	585,964
Regulatory (j)	79,808	644	(991)	-	-	(1,031)	-	78,430
	1,606,713	93,452	(32,617)	4,054	1,324	(82,276)	(1,112)	1,589,538

Parent company	Balance as of January 1, 2020	Income	Balance as of June 30, 2020
		Additions	
Tax			
Cofins (a)	104,284	1,922	106,206
Others (b)	30,744	226	30,970
	135,028	2,148	137,176
Labor (c)	1,957	87	2,044
Civil (e)	150,529	3,884	154,413
Regulatory (j)	17,357	-	17,357
	304,871	6,119	310,990

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: pending judgment of appeal.

b) Other tax provisions

Claims related to federal, state and municipal taxes, fees and other charges on which the Company discusses the incidence or not, as well as their bases and amounts for payment.

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, supposed 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 secrecy and confidentiality, in the discovery phase, with no decision having been handed down to date.

The main lawsuit is described below:

Plaintiff: Tobacco growers

Estimated amount: R\$44.313

Lawsuits filed by tobacco growers whose main cause is power failures leading to loss of production.

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

Expropriation and property lawsuits are filed 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\$30.174

Expropriation lawsuit for construction of electric substation that contests the indemnity amount.

Current status: lawsuit awaiting judgment at higher court.

Plaintiff: Property owner

Estimated value: R\$11,185

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

Current status: The motion to clarify was judged and a special appeal was filed, with further consideration being denied, a bill of review appeal was filed and is pending judgment before the STJ (Superior Court of Justice).

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

Public civil and class actions 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 (Termos de Ajuste de Conduta - TAC, in Portuguese), 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 has been challenging, both at the administrative and judicial levels, notifications issued by the Regulatory Agency of alleged violations against regulations. The main action is described below:

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

Estimated amount: R\$57.000

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	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019
Tax (a)	179,406	175,632	627,217	628,546
Labor (30.1.2 - c)	1,726	1,655	416,667	419,917
Employee benefits (30.1.2 - d)	-	-	17,566	21,338
Civil (b)	496,336	489,612	3,053,175	1,273,928
Regulatory (c)	-	-	949,564	1,141,420
	677,468	666,899	5,064,189	3,485,149

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

a) Tax

Claims related to federal, state and municipal taxes, fees and other charges on which the Company discusses the incidence or not, as well as their bases and amounts for payment. The main lawsuits are as follows:

Plaintiff: National Institute of Social Security (INSS) **Estimated amount:** R\$120.095

Tax requirements related to the social security contribution.

Current status: awaiting judgment in the Administrative Council of Tax Appeals - CARF or at the judicial level.

Plaintiff: State Tax Authority **Estimated amount:** R\$92.129

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' highlighted 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 issued.

The Company filed a writ of mandamus at 07.16.2019, having obtained an injunction to suspend the enforceability of the tax credit. On July 3, 2020, a favorable decision was rendered to Copel in connection with the writ of mandamus, declaring non-existence of the debt in the Tax Assessment Notice, confirming the initial injunction.

Current status: The decision is subject to appeal by the State of Paraná.

Plaintiff: City halls **Estimated amount:** R\$92.007

Tax Requirement on Urban Territorial Property on properties affected by the public electricity service. The case is pending judgment at lower court.

Plaintiff: City halls **Estimated amount:** R\$68.948

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

Current status: pending judgment of answers filed at the administrative or judicial levels.

Plaintiff: Brazilian Federal Revenue Office **Estimated amount:** R\$89.528

Requirement and administrative questioning related to federal taxes.

Current status: awaiting judgment in the Administrative Council of Tax Appeals - CARF or at the judicial level.

b) Civil

The balance includes estimated possible consumer rights calculated on the tax credit, actions involving billing, supposed irregular procedures, administrative contracts and contractual fines, indemnity for accidents with the electric power network or vehicles, easements of passage, expropriations, asset and environment-related cases.

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

Additionally, the balance also includes the amount of R\$ 1,745,678 referring to estimated contingent liability, as per Management's judgment and the opinion of its legal counsel, regarding the adventitious filing of claims by consumers in connection with the recognized tax credit, as detailed in Note 13.2.1, referring to the period infringing the tax neutrality rule, between the 11th and the 16th years, of a total of 16 years considered in the action.

The main lawsuits are as follows:

Plaintiff: Department of Roads and Roadworks

Estimated amount: R\$89.528

The Department of Roads and Roadworks (Departamento de Estradas e Rodagens - DER, in Portuguese) - issued a tax assessment notice to Copel Distribuição which, in turn, 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.

Current status: awaiting judgment.

Plaintiff: Tobacco growers

Estimated amount: R\$35.305

Lawsuits filed by tobacco growers whose main cause is power failures leading to loss of production.

Current status: awaiting judgment.

c) 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\$841.072

ESBR filed Ordinary Lawsuit No. 10426-71.2013.4.01.4100 against ANEEL in the Federal Court of Rondônia, whose ruling: (i) acknowledged the exclusion of 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 had recognized a schedule overrun of only 52 days. An appeal has been brought by ANEEL, pending judgment by the Federal Court of the 1st Region.

The practical consequence of the ruling was, at the time it exempted ESBR, to expose the distributors with whom it entered into power trading contracts (CCEARs) to the Short-Term Market and to the high value of the Settlement Price of the Differences (Preço de Liquidação das Diferenças - PLD, in Portuguese) in the period, including Copel DIS. This occurred because the rules for the sale of electricity require that all energy consumed should have a corresponding contractual coverage.

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

As of June 30, 2020, the paid-in capital is R\$10,800,000 (R\$10,800,000 as of December 31, 2019). Shareholding interests (comprising no par value shares) and main shareholders are shown 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
Eletrobras	1,530,774	1.06	-	-	-	-	1,530,774	0.56
Free float:								
B3	19,720,087	13.60	76,783	23.50	77,055,420	60.06	96,852,290	35.39
NYSE	116,345	0.07	-	-	23,734,847	18.50	23,851,192	8.72
Latibex	-	-	-	-	174,711	0.14	174,711	0.06
City Halls	178,393	0.12	9,326	2.85	3,471	-	191,190	0.07
Other shareholders	158,108	0.11	240,643	73.65	47,088	0.04	445,839	0.17
	145,031,080	100.00	326,752	100.00	128,297,543	100.00	273,655,375	100.00

31.2 Equity valuation adjustments

	Parent company	Consolidated
Balance as of January 1, 2020	591,927	591,927
Realization of equity evaluation adjustment		
Deemed cost of fixed assets	-	(46,704)
Taxes on adjustments	-	15,879
Deemed cost of fixed assets - equity in the parent company, net of taxes	(30,825)	-
Balance as of June 30, 2020	561,102	561,102

31.3 Earnings per share - basic and diluted

Parent company	06.30.2020	06.30.2019
Basic and diluted numerator		
Basic and diluted earnings allocated by classes of shares, allocated to controlling shareholders:		
Common shares	1,073,295	428,900
Class "A" preferred shares	2,666	1,066
Class "B" preferred shares	1,044,399	417,353
	2,120,360	847,319
Basic and diluted denominator		
Weighted average of shares (in thousands):		
Common shares	145,031,080	145,031,080
Class "A" preferred shares	327,477	327,612
Class "B" preferred shares	128,296,818	128,296,683
	273,655,375	273,655,375
Basic and diluted earnings per share attributable to controlling shareholders		
Common shares	7.40045	2.95730
Class "A" preferred shares	8.14049	3.25303
Class "B" preferred shares	8.14049	3.25303

Parent company	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Basic and diluted numerator		
Basic and diluted earnings allocated by classes of shares, allocated to controlling shareholders:		
Common shares	813,991	176,824
Class "A" preferred shares	2,022	440
Class "B" preferred shares	792,077	172,064
	1,608,090	349,328
Basic and diluted denominator		
Weighted average of shares (in thousands):		
Common shares	145,031,080	145,031,080
Class "A" preferred shares	327,477	327,612
Class "B" preferred shares	128,296,818	128,296,683
	273,655,375	273,655,375
Basic and diluted earnings per share attributable to controlling shareholders		
Common shares	5.61253	1.21922
Class "A" preferred shares	6.17378	1.34114
Class "B" preferred shares	6.17378	1.34114

32 Net Operating Revenue

Consolidated	Gross revenues	PIS/Pasep and Cofins	ICMS (VAT)	Sectorial charges	Service tax (ISSQN)	Net revenues	
						06.30.2020	06.30.2019
Electricity sales to final customers	4,783,007	(386,937)	(1,025,493)	(64,369)	-	3,306,208	3,160,786
Electricity sales to distributors	1,778,728	(196,030)	(10,862)	(28,798)	-	1,543,038	1,319,032
Use of the main distribution and transmission grid	4,187,656	(337,460)	(1,051,838)	(806,737)	-	1,991,621	1,955,113
Construction income	572,989	-	-	-	-	572,989	543,140
Fair value of assets from the indemnity for the concession	4,348	-	-	-	-	4,348	20,987
Telecommunications	246,608	(9,489)	(64,884)	-	(229)	172,006	194,989
Distribution of piped gas	344,135	(32,409)	(58,936)	-	(65)	252,725	357,903
Sectorial financial assets and liabilities result	24,061	(2,329)	-	-	-	21,732	(86,189)
Other operating revenue	166,554	(17,300)	-	-	(1,810)	147,444	95,960
Recovery of Pis/Pasep and Cofins on ICMS	-	809,154	-	-	-	809,154	-
	12,108,086	(172,800)	(2,212,013)	(899,904)	(2,104)	8,821,265	7,561,721

Consolidated	Gross revenues	PIS/Pasep and Cofins	ICMS (VAT)	Sectorial charges	Service tax (ISSQN)	Net revenues	
						04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Electricity sales to final customers	2,186,144	(148,064)	(470,014)	(20,518)	-	1,547,548	1,529,761
Electricity sales to distributors	765,640	(80,044)	(5,392)	(13,917)	-	666,287	658,873
Use of the main distribution and transmission grid	1,965,975	(124,918)	(490,029)	(402,189)	-	948,839	906,786
Construction income	331,324	-	-	-	-	331,324	253,489
Fair value of assets from the indemnity for the concession	(4,839)	-	-	-	-	(4,839)	7,363
Telecommunications	122,228	(4,673)	(32,192)	-	(106)	85,257	91,642
Distribution of piped gas	153,660	(14,131)	(25,031)	-	(29)	114,469	192,491
Sectorial financial assets and liabilities result	88,984	(8,282)	-	-	-	80,702	(18,682)
Other operating revenue	98,292	(8,656)	-	-	(1,053)	88,583	43,992
Recovery of Pis/Pasep and Cofins on ICMS	-	809,154	-	-	-	809,154	-
	5,707,408	420,386	(1,022,658)	(436,624)	(1,188)	4,667,324	3,665,715

32.1 Revenue by type and / or class of consumers

Consolidated	06.30.2020	06.30.2019	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Electricity sales to final customers	4,783,007	5,235,289	2,186,144	2,526,777
Residential	1,547,673	1,661,606	708,516	782,787
Industrial	480,659	648,516	223,280	332,185
Trade, services and other activities	886,048	1,110,216	353,434	517,700
Rural	318,767	312,268	139,614	145,819
Public entities	104,355	135,199	41,563	68,248
Public lighting	118,947	129,134	59,538	65,020
Public service	151,852	161,724	72,614	80,690
Free consumers	800,128	672,550	395,227	347,822
Donations and grants	374,578	404,076	192,358	186,506
Electricity sales to distributors	1,778,728	1,511,806	765,640	756,758
Bilateral contracts	1,001,507	890,079	444,149	479,772
Regulated contracts	451,000	409,445	233,279	217,105
Electric Energy Trade Chamber - CCEE	292,666	166,177	74,857	39,316
Interest (Note 10.3)	33,555	46,105	13,355	20,565
Use of the main distribution and transmission grid	4,187,656	3,905,799	1,965,975	1,893,446
Residential	1,355,885	1,242,096	630,624	581,576
Industrial	607,325	607,239	281,903	309,862
Trade, services and other activities	807,281	750,452	331,947	390,983
Rural	275,849	219,884	122,012	104,082
Public entities	91,900	101,256	37,819	51,229
Public lighting	101,772	97,726	50,600	49,003
Public service	96,228	79,242	46,979	39,046
Free consumers	525,363	486,120	268,251	254,591
Concessionaires and generators	27,947	81,933	13,910	(3,298)
Operating and maintenance income - O&M	25,055	32,089	5,307	16,188
Interest income	273,051	207,762	176,623	100,184
Construction income	572,989	543,140	331,324	253,489
Fair value of assets from the indemnity for the concession	4,348	20,987	(4,839)	7,363
Telecommunications	246,608	273,971	122,228	130,907
Distribution of piped gas	344,135	486,998	153,660	262,626
Sectorial financial assets and liabilities result	24,061	(90,610)	88,984	(19,802)
Other operating revenue	166,554	112,601	98,292	51,605
Leasing and rent (32.2)	83,843	69,259	42,640	35,015
Fair value in the purchase and sale of power in the active market	34,734	-	31,142	-
Income from rendering of services	21,255	28,096	11,401	8,983
Other income	26,722	15,246	13,109	7,607
GROSS OPERATING REVENUE	12,108,086	11,999,981	5,707,408	5,863,169
(-) Pis/Pasep and Cofins	(981,954)	(1,083,561)	(388,768)	(532,101)
Recovery of Pis/Pasep and Cofins on ICMS (Note 13.2.1)	809,154	-	809,154	-
(-) ICMS (VAT)	(2,212,013)	(2,302,862)	(1,022,658)	(1,122,569)
(-) Service tax (ISSQN)	(2,104)	(1,906)	(1,188)	(724)
(-) Sectorial charges (32.3)	(899,904)	(1,049,931)	(436,624)	(542,060)
NET OPERATING REVENUE	8,821,265	7,561,721	4,667,324	3,665,715

32.2 Leases and rentals

32.2.1 Revenues from leases and rentals

Consolidated	06.30.2020	06.30.2019
Equipment and framework	83,453	68,651
Facilities sharing	324	520
Real estate	66	88
	83,843	69,259

Consolidated	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Equipment and framework	42,558	34,710
Facilities sharing	56	260
Real estate	26	45
	42,640	35,015

32.2.2 Receivables from leases

Consolidated	Less than 1 year	1 to 5 years	Over 5 years	Total 06.30.2020
Facilities sharing	1,313	5,253	19,095	25,661

32.3 Regulatory charges

Consolidated	06.30.2020	06.30.2019
Energy Development Account - "CDE " - Power distribution service concession (32.3.1)	765,231	937,393
Other charges - rate flags	23,402	16,021
Research and development and energy efficiency - R&D and EEP	64,106	60,262
Global Reversion Reserve - RGR quota	29,594	24,665
Energy Development Account - "CDE " - Power transmission concession	12,013	6,353
Inspection fee	5,558	5,237
	899,904	1,049,931

Consolidated	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Energy Development Account - "CDE " - Power distribution service concession	382,615	478,712
Other charges - rate flags	408	15,852
Research and development and energy efficiency - R&D and EEP	29,936	28,787
Global Reversion Reserve - RGR quota	15,149	12,332
Energy Development Account - "CDE " - Power transmission concession	5,716	3,729
Inspection fee	2,800	2,648
	436,624	542,060

32.3.1 Energy Development Account - CDE - power distribution concession

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, at a charge included in the tariffs.

The Company makes payments for the "CDE USO" charge, intended to cover the CDE's objectives set forth by law.

The annual quotas for each distributor are defined by ANEEL through resolutions enacted by it. The balance at June 30, 2020 is as follows:

Resolutions	Period	06.30.2020
CDE USO		
Resolution No. 2,664/2019	January to June	765,857
(-) Preliminary injunctions	January to June	(626)
		765,231

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 consumers, which challenge at court the tariff components of CDE-Use and CDE-Electricity, ANEEL, ratified the tariff calculation, deducting these charges from the tariffs of these consumers, as long as the preliminary injunctions granted in Judicial Proceedings are not overthrown.

32.4 Copel DIS annual tariff adjustment

ANEEL approved the result of Copel DIS's Annual Tariff Adjustment through Homologatory Resolution No. 2,704, dated June 23, 2020, authorizing average adjustment of 0.41% (3,41% in 2019) applied to consumers and whose application occurred in full to tariffs as from June 24, 2020.

The tariff recomposition includes: 0.79% resulting from the update of Parcel B (operating costs, depreciation and remuneration); 7.82% related to the updating of Parcel A (energy, transmission, charges and irrecoverable revenue); 1.81% related to inclusion of financial components; and -10.01% that reflect the withdrawal of financial components from the previous tariff process.

There was reduction in the following categories of customers: residential, 0.95%; commercial and services served at low voltage, 0.83%; and public lighting, 0.93%. High voltage customers will have an average increase of 1.13%.

This adjustment already considers the impacts from the Covid Account, in accordance with Decree 10,350/2020 and Aneel Normative Resolution 885/2020, in the amount of R\$ 536,359, whose funds were received on July 31, 2020, as disclosed in Note 41.1.

33 Operating Costs and Expenses

Consolidated	Operational costs	Selling expenses	General and administrative expenses	Other operating expenses, net	06.30.2020
Electricity purchased for resale (33.1)	(2,965,718)	-	-	-	(2,965,718)
Charge of the main distribution and transmission grid	(563,154)	-	-	-	(563,154)
Personnel and management (33.2)	(432,163)	(5,486)	(175,469)	-	(613,118)
Pension and healthcare plans (Note 24.3)	(81,361)	(826)	(31,941)	-	(114,128)
Materials and supplies	(34,029)	(88)	(3,939)	-	(38,056)
Materials and supplies for power electricity	(122,132)	-	-	-	(122,132)
Natural gas and supplies for gas business	(181,049)	-	-	-	(181,049)
Third-party services (33.3)	(214,940)	(7,037)	(82,170)	-	(304,147)
Depreciation and amortization	(533,676)	(3)	(24,207)	(7,678)	(565,564)
Credit losses, provisions and reversals (33.4)	(87,624)	(104,320)	-	(53,260)	(245,204)
Construction cost (33.5)	(570,056)	-	-	-	(570,056)
Other operating costs and expenses, net (33.6)	(60,323)	(10,313)	(56,406)	(58,190)	(185,232)
	(5,846,225)	(128,073)	(374,132)	(119,128)	(6,467,558)

Consolidated	Operational costs	Selling expenses	General and administrative expenses	Other operating expenses, net	04.01.2020 to 06.30.2020
Electricity purchased for resale (33.1)	(1,468,967)	-	-	-	(1,468,967)
Charge of the main distribution and transmission grid	(252,790)	-	-	-	(252,790)
Personnel and management (33.2)	(232,593)	(2,615)	(98,773)	-	(333,981)
Pension and healthcare plans (Note 24.3)	(40,201)	(399)	(15,864)	-	(56,464)
Materials and supplies	(13,531)	(76)	(2,196)	-	(15,803)
Materials and supplies for power electricity	8,339	-	-	-	8,339
Natural gas and supplies for gas business	(79,221)	-	-	-	(79,221)
Third-party services (33.3)	(108,805)	(3,554)	(39,903)	-	(152,262)
Depreciation and amortization	(263,574)	-	(12,631)	(3,841)	(280,046)
Credit losses, provisions and reversals (33.4)	(47,500)	(61,172)	-	(3,131)	(111,803)
Construction cost (33.5)	(329,852)	-	-	-	(329,852)
Other operating costs and expenses, net (33.6)	(20,139)	(5,344)	(30,882)	(29,315)	(85,680)
	(2,848,834)	(73,160)	(200,249)	(36,287)	(3,158,530)

Consolidated	Operational costs	Selling expenses	General and administrative expenses	Other operating expenses, net	06.30.2019
Electricity purchased for resale (33.1)	(2,652,660)	-	-	-	(2,652,660)
Charge of the main distribution and transmission grid	(624,243)	-	-	-	(624,243)
Personnel and management (33.2)	(414,711)	(7,064)	(155,509)	-	(577,284)
Pension and healthcare plans (Note 24.3)	(84,672)	(1,000)	(32,568)	-	(118,240)
Materials and supplies	(33,837)	(96)	(4,324)	-	(38,257)
Materials and supplies for power electricity	(1,545)	-	-	-	(1,545)
Natural gas and supplies for gas business	(286,273)	-	-	-	(286,273)
Third-party services (33.3)	(205,264)	(12,864)	(69,974)	-	(288,102)
Depreciation and amortization	(452,538)	(4)	(23,805)	(7,040)	(483,387)
Credit losses, provisions and reversals (33.4)	(19,344)	(76,581)	-	(107,143)	(203,068)
Construction cost (33.5)	(519,069)	-	-	-	(519,069)
Other operating costs and expenses, net (33.6)	(102,601)	(10,554)	(58,737)	(49,626)	(221,518)
	(5,396,757)	(108,163)	(344,917)	(163,809)	(6,013,646)

Consolidated	Operational costs	Selling expenses	General and administrative expenses	Other operating expenses, net	04.01.2019 to 06.30.2019
Electricity purchased for resale (33.1)	(1,242,934)	-	-	-	(1,242,934)
Charge of the main distribution and transmission grid	(329,002)	-	-	-	(329,002)
Personnel and management (33.2)	(209,747)	(3,472)	(79,480)	-	(292,699)
Pension and healthcare plans (Note 24.3)	(42,063)	(487)	(16,181)	-	(58,731)
Materials and supplies	(18,099)	(13)	(2,485)	-	(20,597)
Materials and supplies for power electricity	(777)	-	-	-	(777)
Natural gas and supplies for gas business	(152,144)	-	-	-	(152,144)
Third-party services (33.3)	(107,696)	(6,280)	(34,928)	-	(148,904)
Depreciation and amortization	(244,620)	(1)	(12,476)	(3,518)	(260,615)
Credit losses, provisions and reversals (33.4)	(13,982)	(46,753)	-	(39,796)	(100,531)
Construction cost (33.5)	(252,972)	-	-	-	(252,972)
Other operating costs and expenses, net (33.6)	(51,986)	(4,477)	(26,085)	(28,173)	(110,721)
	(2,666,022)	(61,483)	(171,635)	(71,487)	(2,970,627)

Parent company	General and administrative expenses	Other operacional income (expenses), net	06.30.2020
Personnel and management (33.2)	(10,717)	-	(10,717)
Pension and healthcare plans (Note 24.3)	(1,146)	-	(1,146)
Materials and supplies	(695)	-	(695)
Third party services	(18,053)	-	(18,053)
Depreciation and amortization	(319)	(561)	(880)
Credit losses, provisions and reversals (33.4)	-	(4,323)	(4,323)
Other operating income (expenses)	(10,316)	(5,765)	(16,081)
	(41,246)	(10,649)	(51,895)

Parent company	General and administrative expenses	Other operacional income (expenses), net	04.01.2020 to 06.30.2020
Personnel and management (33.2)	(6,831)	-	(6,831)
Pension and healthcare plans (Note 24.3)	(485)	-	(485)
Materials and supplies	(396)	-	(396)
Third party services	(9,856)	-	(9,856)
Depreciation and amortization	(159)	(281)	(440)
Credit losses, provisions and reversals (33.4)	-	(982)	(982)
Other operating income (expenses)	(4,238)	(1,240)	(5,478)
	(21,965)	(2,503)	(24,468)

Parent company	General and administrative expenses	Other operacional income (expenses), net	06.30.2019
Personnel and management (33.2)	(7,945)	-	(7,945)
Pension and healthcare plans (Note 24.3)	(1,148)	-	(1,148)
Materials and supplies	(194)	-	(194)
Third party services	(6,873)	-	(6,873)
Depreciation and amortization	(521)	(561)	(1,082)
Credit losses, provisions and reversals (33.4)	-	(5,727)	(5,727)
Other operating income (expenses)	(5,197)	3,176	(2,021)
	(21,878)	(3,112)	(24,990)

Parent company	General and administrative expenses	Other operational income (expenses), net	04.01.2019 to 06.30.2019
Personnel and management (33.2)	(4,079)	-	(4,079)
Pension and healthcare plans (Note 24.3)	(580)	-	(580)
Materials and supplies	(132)	-	(132)
Third party services	(4,040)	-	(4,040)
Depreciation and amortization	(147)	(280)	(427)
Credit losses, provisions and reversals (33.4)	-	(3,282)	(3,282)
Other operating income (expenses)	(2,688)	1,329	(1,359)
	(11,666)	(2,233)	(13,899)

33.1 Electricity purchased for resale

Consolidated	06.30.2020	06.30.2019
Purchase of Energy in the Regulated Environment - CCEAR	1,472,950	1,370,213
Electric Energy Trade Chamber - CCEE	324,340	429,875
Itaipu Binacional	845,140	642,926
Bilateral contracts	468,018	335,739
Program for incentive to alternative energy sources - Proinfa	110,650	133,219
Micro and mini generators and repurchase of customers	66,676	13,836
(-) PIS/Pasep/Cofins taxes on electricity purchased for resale	(322,056)	(273,148)
	2,965,718	2,652,660

Consolidated	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Purchase of Energy in the Regulated Environment - CCEAR	694,993	639,352
Electric Energy Trade Chamber - CCEE	137,867	166,611
Itaipu Binacional	465,513	333,672
Bilateral contracts	235,947	163,404
Program for incentive to alternative energy sources - Proinfa	55,079	66,330
Micro and mini generators and repurchase of customers	38,496	7,932
(-) PIS/Pasep/Cofins taxes on electricity purchased for resale	(158,928)	(134,367)
	1,468,967	1,242,934

33.2 Personnel and management

	Parent company		Consolidated	
	06.30.2020	06.30.2019	06.30.2020	06.30.2019
Personnel				
Salaries and management fees	2,921	2,484	312,276	333,949
Social charges on payroll	1,013	866	112,724	120,111
Meal and education allowance	711	572	54,014	56,416
Provisions for performance and profit sharing	2,844	523	121,727	56,152
	7,489	4,445	600,741	566,628
Management				
Salaries and management fees	1,980	2,731	8,877	7,813
Social charges on payroll	56	727	1,152	2,728
Other expenses	1,192	42	2,348	115
	3,228	3,500	12,377	10,656
	10,717	7,945	613,118	577,284

	Parent company		Consolidated	
	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Personnel				
Wages and salaries	1,921	1,271	158,430	170,416
Social charges on payroll	487	443	55,403	61,007
Meal assistance and education allowance	388	275	26,680	28,278
Provisions for performance and profit sharing	2,409	247	86,225	28,010
	5,205	2,236	326,738	287,711
Management				
Wages and salaries	699	1,496	4,742	3,948
Social charges on payroll	(244)	327	203	986
Other expenses	1,171	20	2,298	54
	1,626	1,843	7,243	4,988
	6,831	4,079	333,981	292,699

33.3 Third party services

Consolidated	06.30.2020	06.30.2019
Maintenance of electrical system	92,386	79,451
Communication, processing and transmission of data	43,652	59,588
Maintenance of facilities	50,179	52,124
Consumer service	30,196	24,842
Meter reading and bill delivery	23,994	22,357
Consulting and audit	23,615	9,903
Other services	40,125	39,837
	304,147	288,102

Consolidado	1º.04.2020 a 30.06.2020	1º.04.2019 a 30.06.2019
Manutenção do sistema elétrico	48,231	41,769
Comunicação, processamento e transmissão de dados	20,223	26,428
Manutenção de instalações	24,179	27,423
Atendimento a consumidor	14,013	16,731
Leitura e entrega de faturas	12,218	11,189
Consultoria e auditoria	13,026	6,421
Outros serviços	20,372	18,943
	152,262	148,904

33.4 Credit losses, provisions and reversals

	Parent company		Consolidated	
	06.30.2020	06.30.2019	06.30.2020	06.30.2019
Provision for litigations	4,323	5,727	54,986	108,431
Impairment of assets				
Power generation concession contract (Note 10.5)	-	-	(1,729)	(1,475)
Property, plant and equipment - generation segment (Note 18.5)	-	-	104,287	20,819
Property, plant and equipment - telecommunications segment (Note 18.6)	-	-	(22,903)	-
Expected credit losses (Trade accounts and Other receivables)	-	-	104,320	76,581
Tax credits estimated losses	-	-	(1,726)	(1,288)
Provision for losses on equity interests (Note 17.1)	-	-	7,969	-
	4,323	5,727	245,204	203,068

	Parent company		Consolidated	
	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Provision for litigations	982	3,282	2,484	40,181
Impairment of assets				
Accounts receivable related to the concession compensation	-	-	(1,729)	(609)
Property, plant and equipment - generation segment	-	-	72,132	14,591
Property, plant and equipment - telecommunications segment	-	-	(22,903)	-
Expected credit losses (Trade accounts and Other current receivables)	-	-	61,172	46,753
Tax credits estimated losses	-	-	647	(385)
	982	3,282	111,803	100,531

33.5 Construction costs

Consolidated	06.30.2020	06.30.2019
Materials and supplies	327,860	270,044
Third party services	168,817	149,979
Personnel	60,540	56,618
Others	12,839	42,428
	570,056	519,069

Consolidado	1º.04.2020 a 30.06.2020	1º.04.2019 a 30.06.2019
Material	192,936	115,417
Serviços de terceiros	97,000	73,812
Pessoal	32,397	25,683
Outros	7,519	38,060
	329,852	252,972

33.6 Other operating costs and expenses, net

Consolidated	06.30.2020	06.30.2019
Net losses in the decommissioning and disposal of assets (a)	39,290	53,296
Financial offset for the use of water resources	20,113	56,314
Taxes	21,542	40,599
Collection charge	24,024	25,342
Compensation	26,599	39,452
Advertising and publicity	15,594	7,305
Leasing and rent	7,009	4,712
Other net income, costs and expenses	31,061	(5,502)
	185,232	221,518

Of the total losses, R\$7,559 as of March 31, 2020 and R\$20,425 as of March 31, 2019, refer to write-offs of property, plant and equipment of Copel Telecomunicações (Note 18.6).

Consolidated	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Losses in the decommissioning and disposal of assets	22,144	23,449
Financial offset for the use of water resources	6,372	29,002
Taxes	6,909	16,798
Collection charge	11,673	12,758
Compensation	18,183	19,124
Advertising and publicity	7,744	3,956
Leasing and rent	3,830	1,040
Other net income, costs and expenses	8,825	4,594
	85,680	110,721

34 Financial Results

	Parent company		Consolidated	
	06.30.2020	06.30.2019	06.30.2020	06.30.2019
Financial income				
Recognition of tax credit (Note 13.2.1)	-	-	936,524	-
Arrears charges on bills	-	-	104,383	113,920
Interest and monetary variation of CRC transfer (Note 8.1)	98,582	104,857	98,582	104,857
Return on financial investments	534	9,679	53,576	67,237
Exchange variation on loan collateral	-	-	41,322	-
Derivatives fair value - forward contract (Note 36.2.3 - b)	-	-	21,066	-
Remuneration of net sectorial assets and liabilities (Note 9.2)	-	-	15,510	29,289
Monetary variation over the Itaipu power purchase	-	-	17,038	17,001
Monetary variation and adjust to present value of accounts payable related to the concession (Note 27.1)	-	-	833	1,004
Other financial income	821	3,248	36,266	54,643
	99,937	117,784	1,325,100	387,951
(-) Financial expenses				
Monetary and exchange variation and debt charges	32,886	82,647	352,328	475,042
Monetary variation and adjust to present value of accounts payable related to the concession (Note 27.1)	-	-	55,822	54,711
Monetary variation over the Itaipu power purchase	-	-	62,923	9,331
Interest on R&D and EEP (Note 26.2)	-	-	7,943	12,617
Remuneration of net sectorial assets and liabilities (Note 9.2)	-	-	62	2,968
Other financial expenses	1,889	3,172	36,368	59,238
	34,775	85,819	515,446	613,907
Net	65,162	31,965	809,654	(225,956)

	Parent company		Consolidated	
	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019	04.01.2020 to 06.30.2020	04.01.2019 to 06.30.2019
Financial income				
Recognition of tax credit	-	-	936,524	-
Arrears charges on bills	-	-	48,065	51,903
Interest and monetary variation of CRC transfer	54,350	48,105	54,350	48,105
Return on financial investments	343	3,884	23,989	34,886
Exchange variation on loan collateral	-	-	12,598	(6,594)
Derivatives fair value - forward contract	-	-	(3,541)	-
Remuneration of net sectorial assets and liabilities	-	-	8,605	15,964
Monetary variation over the Itaipu power purchase	-	-	10,165	4,112
Monetary variation and adjust to present value of accounts payable related to the concession	-	-	51	636
Other financial income	(595)	3,210	18,436	32,295
	54,098	55,199	1,109,242	181,307
(-) Financial expenses				
Monetary and exchange variation and debt charges	13,628	40,073	133,233	232,300
Monetary variation and adjust to present value of accounts payable related to the concession	-	-	29,767	27,955
Monetary variation over the Itaipu power purchase	-	-	24,173	3,477
Interest on R&D and EEP	-	-	3,506	6,638
Remuneration of net sectorial assets and liabilities	-	-	(973)	1,507
Other financial expenses	860	1,844	15,296	37,173
	14,488	41,917	205,002	309,050
Net	39,610	13,282	904,240	(127,743)

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 the reportable segments have their revenues generated

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 require different technologies and strategies.

In the first half of 2020, all sales have been to customers within the Brazilian territory, in addition, all noncurrent 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 revenue until the first quarter of 2020.

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 of the Financial Statements of December 31, 2019.

35.2 Company's reportable segments

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

Power generation and transmission (GET) - its attribution is to produce electricity from hydraulic, wind, and thermal projects (**GER**) and to provide services of transmission and transformation of electric power, being responsible for the construction, operation and maintenance of substations, as well for the energy transmission lines (**TRA**); for managers, the assets and liabilities of the generation and transmission segments are shown on an aggregate basis while their result is presented separately;

Power distribution (DIS) - its attribution is to provide public electricity distribution services, being responsible for the operation and maintenance of the distribution infrastructure, as well as providing related services;

Telecommunications (TEL) - its attribution is to provide telecommunications and general communication services;

GAS - its attribution is to provide public service of piped natural gas distribution;

Power sale (COM) - its attribution is to trade energy and related services; and

Holding Company (HOL) - its attribution is to participate in other companies.

35.3 Assets by reportable segment

ASSETS	Electric Energy			TEL	GAS	HOL	Intersegment operations	Consolidated
	GET	DIS	COM					
06.30.2020								
TOTAL ASSETS	19,611,472	19,544,915	881,292	1,526,787	837,509	3,207,661	(1,267,681)	44,341,955
CURRENT ASSETS	2,268,559	5,352,637	289,140	573,275	271,373	1,178,442	(1,248,957)	8,684,469
NON-CURRENT ASSETS	17,342,913	14,192,278	592,152	953,512	566,136	2,029,219	(18,724)	35,657,486
Long term assets	5,202,860	8,288,775	591,745	136,921	551,705	1,855,324	(384,434)	16,242,896
Investments	2,433,954	817	179	-	-	148,412	-	2,583,362
Property, plant and equipment	9,457,312	-	74	791,776	-	22,958	-	10,272,120
Intangible assets	231,132	5,811,485	148	19,899	-	1,607	365,710	6,429,981
Right-of-use asset	17,655	91,201	6	4,916	14,431	918	-	129,127

ASSETS	Electric Energy			TEL	GAS	HOL	Intersegment operations	Consolidated
	GET	DIS	COM					
12.31.2019								
TOTAL ASSETS	19,457,551	13,434,522	690,372	1,527,098	904,993	3,183,677	(885,662)	38,312,550
CURRENT ASSETS	2,039,443	4,631,991	229,630	528,754	313,896	1,127,469	(961,987)	7,909,196
NON-CURRENT ASSETS	17,418,108	8,802,531	460,742	998,344	591,097	2,056,208	76,325	30,403,354
Long term assets	5,054,560	3,051,058	460,312	137,770	576,190	1,879,619	(296,879)	10,862,630
Investments	2,371,374	813	247	-	-	150,746	-	2,523,179
Property, plant and equipment	9,735,093	-	53	833,974	-	22,983	-	10,592,103
Intangible assets	233,973	5,703,686	123	19,844	-	1,781	373,204	6,332,611
Right-of-use asset	23,108	46,974	7	6,756	14,907	1,079	-	92,831

35.4 Statement of income by reportable segment

STATEMENT OF INCOME	Electric Energy				TEL	GAS	HOL	Intersegment operations	Consolidated
	GET		DIS	COM					
	GER	TRA							
06.30.2020									
NET OPERATING REVENUES	1,769,469	490,689	5,896,156	1,052,364	190,829	263,553	-	(841,795)	8,821,265
Net operating revenues - third-parties	1,113,839	351,084	5,870,406	1,052,338	173,006	260,592	-	-	8,821,265
Net operating revenues - between segments	655,630	139,605	25,750	26	17,823	2,961	-	(841,795)	-
OPERATING COSTS AND EXPENSES	(1,079,152)	(200,488)	(4,566,557)	(1,011,530)	(170,120)	(227,922)	(53,584)	841,795	(6,467,558)
Energy purchased for resale	(38,927)	-	(2,583,438)	(1,000,041)	-	-	-	656,688	(2,965,718)
Charges for use of the main transmission grid	(236,656)	-	(476,566)	-	-	-	-	150,068	(563,154)
Personnel and management	(111,454)	(68,121)	(366,643)	(6,468)	(31,548)	(17,614)	(11,270)	-	(613,118)
Pension and healthcare plans	(18,789)	(11,910)	(73,853)	(726)	(5,604)	(2,070)	(1,176)	-	(114,128)
Materials and supplies	(4,118)	(1,517)	(30,858)	(6)	(587)	(270)	(700)	-	(38,056)
Raw materials and supplies for generation	(125,139)	-	-	-	-	-	-	3,007	(122,132)
Natural gas and supplies for gas business	-	-	-	-	-	(181,049)	-	-	(181,049)
Third party services	(57,041)	(13,193)	(195,116)	(1,171)	(34,434)	(5,779)	(18,467)	21,054	(304,147)
Depreciation and amortization	(292,127)	(4,916)	(180,893)	(23)	(73,911)	(12,638)	(1,056)	-	(565,564)
Provision (reversal) for litigations	(20,275)	9,291	(38,393)	(714)	(530)	(23)	(4,342)	-	(54,986)
Impairment of assets	(102,558)	-	-	-	22,903	-	-	-	(79,655)
Other estimated losses, provisions and reversals	(9,418)	195	(91,039)	(1,234)	(7,911)	(1,156)	-	-	(110,563)
Construction cost	-	(100,647)	(464,794)	-	-	(4,615)	-	-	(570,056)
Other operating costs and expenses, net	(62,650)	(9,670)	(64,964)	(1,147)	(38,498)	(2,708)	(16,573)	10,978	(185,232)
EQUITY IN EARNINGS OF INVESTEEES	6,083	20,371	-	(68)	-	-	991	-	27,377
PROFIT (LOSS) BEFORE FINANCIAL									
INCOME AND TAX	696,400	310,572	1,329,599	40,766	20,709	35,631	(52,593)	-	2,381,084
Financial income	49,669	16,459	1,130,390	4,562	12,082	8,787	103,296	(145)	1,325,100
Financial expenses	(178,782)	(39,483)	(193,144)	(68)	(23,416)	(11,603)	(69,095)	145	(515,446)
OPERATING PROFIT (LOSS)	567,287	287,548	2,266,845	45,260	9,375	32,815	(18,392)	-	3,190,738
Income tax and social contribution	(194,543)	(81,376)	(769,157)	(15,563)	(3,395)	(12,017)	(8,831)	-	(1,084,882)
NET INCOME (LOSS)	372,744	206,172	1,497,688	29,697	5,980	20,798	(27,223)	-	2,105,856

STATEMENT OF INCOME	Electric Energy				TEL	GAS	HOL	Intersegment operations	Consolidated
	GET		DIS	COM					
06.30.2019	GER	TRA							
NET OPERATING REVENUES	1,649,367	415,208	4,891,456	371,007	736,961	216,862	-	(719,140)	7,561,721
Net operating revenues - third-parties	1,080,489	315,675	4,868,578	371,007	730,257	195,715	-	-	7,561,721
Net operating revenues - between segments	568,878	99,533	22,878	-	6,704	21,147	-	(719,140)	-
OPERATING COSTS AND EXPENSES	(804,004)	(216,124)	(4,443,915)	(336,121)	(713,327)	(191,977)	(27,318)	719,140	(6,013,646)
Energy purchased for resale	(43,849)	-	(2,462,649)	-	(722,126)	-	-	575,964	(2,652,660)
Charges for use of the main transmission grid	(219,856)	-	(511,920)	-	-	-	-	107,533	-
Personnel and management	(95,890)	(58,895)	(358,034)	(17,659)	(5,362)	(33,045)	(8,399)	-	(577,284)
Pension and healthcare plans	(18,775)	(12,158)	(77,691)	(2,101)	(686)	(5,649)	(1,180)	-	(118,240)
Materials and supplies	(5,170)	(1,974)	(28,929)	(935)	(8)	(1,045)	(196)	-	(38,257)
Raw materials and supplies for generation	(1,545)	-	-	-	-	-	-	-	(1,545)
Natural gas and supplies for gas business	-	-	-	(286,273)	-	-	-	-	(286,273)
Third party services	(59,525)	(15,900)	(174,124)	(6,260)	(733)	(47,642)	(7,785)	23,867	(288,102)
Depreciation and amortization	(244,009)	(6,358)	(169,314)	(18,235)	(21)	(44,212)	(1,238)	-	(483,387)
Provision (reversal) for litigations	(7,681)	(4,176)	(87,982)	(344)	11	(2,332)	(5,927)	-	(108,431)
Impairment of assets	(19,282)	-	-	-	-	-	(62)	-	(19,344)
Other estimated losses, provisions and reversals	22,725	(23,995)	(69,076)	(919)	-	(4,028)	-	-	(75,293)
Construction cost	-	(81,872)	(431,664)	(5,533)	-	-	-	-	(519,069)
Other operating costs and expenses, net	(111,147)	(10,796)	(72,532)	2,138	15,598	(54,024)	(2,531)	11,776	(221,518)
EQUITY IN EARNINGS OF INVESTEEES	8,786	(628)	-	-	(48)	-	(415)	-	7,695
PROFIT (LOSS) BEFORE FINANCIAL									
INCOME AND TAX	854,149	198,456	447,541	34,886	23,586	24,885	(27,733)	-	1,555,770
Financial income	40,839	12,347	189,972	6,999	10,780	6,841	120,374	(201)	387,951
Financial expenses	(256,808)	(76,433)	(131,887)	(9,235)	(85)	(25,342)	(114,318)	201	(613,907)
OPERATING PROFIT (LOSS)	638,180	134,370	505,626	32,650	34,281	6,384	(21,677)	-	1,329,814
Income tax and social contribution	(228,816)	(42,127)	(174,294)	(14,703)	(11,619)	(2,089)	(3,263)	-	(476,911)
NET INCOME (LOSS)	409,364	92,243	331,332	17,947	22,662	4,295	(24,940)	-	852,903

35.5 Additions to noncurrent assets by reportable segment

06.30.2020	Electric Energy			TEL	GAS	HOL	Consolidated
	GET	DIS	COM				
Contract assets	-	504,961	-	-	8,151	-	513,112
Property, plant and equipment	206	-	28	54,472	-	87	54,793
Intangible assets	3,753	-	41	405	-	48	4,247
Right-of-use asset	-	56,368	-	-	623	-	56,991

36 Financial Instruments

36.1 Categories and determination of fair value of financial instruments

Consolidated	Note	Level	06.30.2020		12.31.2019	
			Book value	Fair value	Book value	Fair value
Financial assets						
Fair value through profit or loss						
Cash and cash equivalents (a)	5	1	2,902,007	2,902,007	2,941,727	2,941,727
Bonds and securities (b)	6	1	745	745	2,429	2,429
Bonds and securities (b)	6	2	288,369	288,369	279,652	279,652
Accounts receivable - distribution concession (c)	10.1 and 10.2	3	1,192,912	1,192,912	1,161,203	1,161,203
Accounts receivable - generation concession (d)	10.5	3	71,160	71,160	69,182	69,182
Derivatives fair value - forward contracts (e)	12	3	19,863	19,863	-	-
Fair value in the purchase and sale of power (e)	12	3	610,626	610,626	460,635	460,635
Other temporary investments (f)		1	13,604	13,604	15,566	15,566
Other temporary investments (f)		2	11,142	11,142	12,168	12,168
			5,110,428	5,110,428	4,942,562	4,942,562
Amortized cost						
Collaterals and escrow accounts (a)			154	154	147	147
Collateral and escrow deposits - STN (g)	22.1		139,754	121,599	98,433	94,671
Trade accounts receivable (a)	7		2,929,005	2,929,005	3,182,567	3,182,567
CRC Transferred to the Paraná State Government (h)	8		1,299,255	1,440,096	1,350,685	1,488,456
Sectorial financial assets (a)	9		758,889	758,889	473,989	473,989
Accounts receivable - concessions - RBSE (c)	10.4		721,465	721,465	739,269	739,269
Accounts receivable - concessions - bonus from the grant (i)	10.3		646,371	735,607	647,984	738,483
			6,494,893	6,706,815	6,493,074	6,717,582
Total financial assets			11,605,321	11,817,243	11,435,636	11,660,144
Financial liabilities						
Fair value through profit or loss						
Fair value in the purchase and sale of power (e)	29	3	367,230	367,230	251,973	251,973
Derivatives fair value - forward contracts (e)	29	3	-	-	1,203	1,203
			367,230	367,230	253,176	253,176
Amortized cost						
Sectorial financial liabilities (a)	9		393,187	393,187	102,284	102,284
Ordinary financing of taxes with the federal tax authorities (g)	13.2		-	-	18,063	18,001
Special Tax Regularization Program - Pert (g)	13.2		480,355	436,970	497,207	439,519
PIS and Cofins to be refunded to consumers (a)	13.2.1		3,903,782	3,903,782	-	-
Accounts payable to suppliers (a)	21		1,662,617	1,662,617	1,873,193	1,873,193
Loans and financing (g)	22		3,057,051	3,093,586	3,168,710	3,110,104
Debentures (i)	23		7,828,475	7,828,475	8,540,366	8,540,366
Lease liability (a)	28.2		134,135	134,135	96,604	96,604
Accounts payable related to concession (k)	27		634,428	716,074	612,587	690,326
			18,094,030	18,168,826	14,909,014	14,870,397
Total financial liabilities			18,461,260	18,536,056	15,162,190	15,123,573

Different levels are defined as follows:

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

- a) Equivalent to their respective carrying values due to their nature and terms of realization.

- b) 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
- c) The criteria are disclosed in Note 4.4 to the financial statements on December 31, 2019.
- d) The fair values of generation assets approximate their carrying amounts, according to Note 4.4 to the financial statements on December 31, 2019.
- e) The fair values of assets and liabilities are equivalent to their carrying amounts according to Note 4.15 to the financial statements on December 31, 2019.
- f) Investments in other companies, stated at fair value, which is 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, 120.0% of CDI, 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, 2026, which yields approximately 2.15% p.y. plus the IPCA inflation index.
- i) Receivables related to the concession agreement for providing electricity generation services under quota arrangements, having their fair value calculated by expected cash inflows, discounted at the rate established by ANEEL auction notice 12/2015 (9.04%).
- j) Calculated from the Unit Price quotation (PU) for June 30, 2020, obtained from the Brazilian Association of Financial and Capital Markets (ANBIMA), net of unamortized financial cost.
- k) Actual net discount rate of 8.26% p.y., 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 counterparty in a financial instrument, resulting from failure in complying with their contractual obligations.

Consolidated		
Exposure to credit risk	06.30.2020	12.31.2019
Cash and cash equivalents (a)	2,902,007	2,941,727
Bonds and securities (a)	289,114	282,081
Pledges and restricted deposits linked (a)	139,908	98,580
Trade accounts receivable (b)	2,929,005	3,182,567
CRC Transferred to the Paraná State Government (c)	1,299,255	1,350,685
Sectorial financial assets (d)	758,889	473,989
Accounts receivable - distribution concession (e)	1,192,912	1,161,203
Accounts receivable - concessions - RBSE (f)	721,465	739,269
Accounts receivable - concessions - Bonus from the grant (g)	646,371	647,984
Accounts receivable - generation concessions (h)	71,160	69,182
Other temporary investments (i)	24,746	27,734
	10,974,832	10,975,001

- a) The Company manages the credit risk of its assets in accordance with the Management'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 directly related to internal and external factors to 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 contract and regulatory standards.
- c) Management believes this credit risk is low because repayments are secured by resources from dividends.
- d) 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, corresponding to the costs not recovered through the tariff.
- 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.
- f) f) Management considers the credit risk to be low for the balance relating to RBSE assets, in view of Aneel's Homologatory Resolution 2,715, which established the tariff repositioning so that such amounts will be received as from the fourth tariff cycle, started in July 2020 until June 2025, as described in Note 10.4.
- g) Management considers the risk of such credit to be low, as the contract for the sale of energy by quotas guarantees the receipt of an Annual Generation Revenue - RAG, which includes the annual amortization of this amount during the concession term.

- h) For the generation concession assets, ANEEL published Normative Resolution 596/2013, which deals with the definition of criteria for calculating the New replacement value (Valor novo de reposição – VNR, in Portuguese), for the purposes of indemnification. Management's expectation of indemnification for these assets supports recoverability of the balances recorded.
- i) 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 for the next 3 years. As from 2024, 2023 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	Over 5 years	Total
06.30.2020							
Loans and financing	Note 22	30,747	66,337	545,707	1,745,346	1,525,879	3,914,016
Debentures	Note 23	56,163	44,768	883,905	6,699,401	1,564,742	9,248,979
Accounts payable related to concession	Rate of return + IGP-M and IPCA	6,175	12,350	61,174	356,385	1,406,664	1,842,748
Accounts payable to suppliers	-	1,275,324	130,865	59,922	196,506	-	1,662,617
PIS and Cofins to be refunded to consumers	-	-	-	120,648	3,783,134	-	3,903,782
Special Tax Regularization Program - Pert	Selic	4,185	8,388	38,051	219,232	299,062	568,918
Sectorial financial liabilities	Selic	32,866	65,956	299,629	-	-	398,451
Lease liability	Note 28	4,632	9,271	35,190	113,832	9,583	172,508
		1,410,092	337,935	2,044,226	13,113,836	4,805,930	21,712,019

(a) Effective interest rate - weighted average.

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

On June 30, 2020, Copel recorded negative net working capital of R\$95,917 in the Parent Company's balance sheet. Management has been monitoring the liquidity and taking actions to balance the short-term financial capacity, with emphasis on: reduction of the Company's investment program and maintenance of cost reduction actions, as well as the extension of debt, already provided for by Administration.

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. The Company monitors these fluctuations on an ongoing basis.

Sensitivity analysis of foreign currency risk - Dollar

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

The baseline scenario takes into account the existing balances in each account as of June 30, 2020 and the probable scenario assumes a variation in the foreign exchange rate - prevailing at the end of the period (R\$/US\$5.20) based on the median market expectation for 2020 reported in the Central Bank's Focus report of July 24, 2020. 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 06.30.2020	Projected scenarios - Dec.2020		
			Probable	Scenario 1	Scenario 2
Financial assets					
Collaterals and escrow accounts - STN	USD depreciation	139,754	(7,044)	(40,222)	(73,399)
		139,754	(7,044)	(40,222)	(73,399)
Financial liabilities					
Loans and financing - STN	USD appreciation	(147,210)	7,420	(27,528)	(62,476)
Suppliers					
Eletrobras (Itaipu)	USD appreciation	(313,237)	15,788	(58,575)	(132,937)
Acquisition of gas	USD appreciation	(64,113)	3,231	(11,989)	(27,209)
		(524,560)	26,439	(98,092)	(222,622)

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 date of the quarterly information, 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 June 30, 2020, 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) Foreign exchange risk - euro

This risk arises from the possibility of loss due to fluctuations in exchange rates affecting fair value of Non-Deliverable Forward (NDF) transactions, whose gains and losses are recognized in the Company's statement of income.

Based on the notional amount of 16 million euros outstanding as of December 31, 2019, the fair value was estimated by the difference between the amounts contracted under the respective terms and the forward currency quotations (B3 reference rates), discounted to present value at the fixed rate as of the same date. The active balance, recorded as of June 30, 2020, is shown in Note 12. The liability balance, as of December 31, 2019, is presented in Note 29.

Sensitivity analysis of operations with derivative financial instruments

The Company developed a sensitivity analysis in order to measure the impact from exposure to fluctuation in exchange rate to Euro (€).

The sensitivity analyses were prepared in accordance with CVM Instruction 475/08, considering, for scenarios 1 and 2, 25% and 50% increase or decrease in exchange rates, applied to the forward rate as of June 30, 2020. The results obtained are shown below:

Consolidated	Exchange rate variation	Baseline 06.30.2020	Projected scenarios	
			Scenario 1	Scenario 2
Gains (losses) on operations with derivative financial instruments	Increase	19,863	41,422	63,894
	Decrease	19,863	(3,524)	(25,996)

c) 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 not entered into derivative contracts to cover this risk, but has been continuously monitoring interest rates and market indexes in order to observe any need for contracting.

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 June 30, 2020 while the probable scenario assumes balances reflecting varying indicators CDI/Selic: -2.00%, IPCA: -1.67%, IGP-DI: -7.40%, IGP-M: -7.96% and TJLP: -5.11%. estimated as market average projections for 2020 according to the Focus Report issued by the Central Bank of Brazil as of July 24, 2020, except TJLP 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 06.30.2020	Projected scenarios - Dec.2020		
			Probable	Scenario 1	Scenario 2
Financial assets					
Bonds and securities	Low CDI/SELIC	289,114	2,877	2,161	1,443
Collaterals and escrow accounts	Low CDI/SELIC	154	2	1	1
CRC Transferred to the Paraná State Government	Low IGP-DI	1,299,255	47,215	35,567	23,818
Sectorial financial assets	Low Selic	758,889	7,551	5,670	3,785
Accounts receivable - concessions	Low IPCA	2,560,748	21,294	15,987	10,669
Accounts receivable - generation concessions	Undefined (a)	71,160	-	-	-
		4,979,320	78,939	59,386	39,716
Financial liabilities					
Loans and financing					
Banco do Brasil	High CDI	(640,200)	(6,370)	(7,953)	(9,532)
BNDES	High TJLP	(2,112,912)	(53,356)	(66,491)	(79,547)
BNDES	High IPCA	(4,012)	(33)	(42)	(50)
Banco do Brasil - BNDES Transfer	High TJLP	(89,859)	(2,269)	(2,828)	(3,383)
Caixa Econômica Federal	High TJLP	(248)	(6)	(8)	(9)
Other	No risk	(62,610)	-	-	-
Debentures	High CDI/SELIC	(5,759,639)	(57,311)	(71,551)	(85,756)
Debentures	High IPCA	(1,949,928)	(16,214)	(20,247)	(24,272)
Debentures	High TJLP	(118,908)	(3,003)	(3,742)	(4,477)
Sectorial financial liabilities	High Selic	(393,187)	(3,912)	(4,884)	(5,854)
Special Tax Regularization Program - Pert	High Selic	(480,355)	(4,780)	(5,967)	(7,152)
Accounts payable related to concession	High IGP-M	(581,992)	(22,720)	(28,268)	(33,765)
Accounts payable related to concession	High IPCA	(52,436)	(436)	(544)	(653)
		(12,246,286)	(170,410)	(212,525)	(254,450)

(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 date of the financial statements, as recommended by CPC 40(R1). Based on the equity position and the notional value of the financial instruments held as of June 30, 2020, 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 unpredictable hydrological conditions, 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. In the first quarter of 2020, the reservoirs in the Northeast and North recovered their levels, which practically reduces the risk of rationing in these subsystems to zero. As the system is interconnected, the South and Southeast/Midwest subsystems, despite being at lower storage levels, results in having a low risk of energy shortage since they can make use of the energy stored in the other two subsystems.

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 2019-2023 Energy Operation Plan - PEN 2019.

Although dam storage levels are not ideal, from the standpoint of regulatory agencies, when combined with other variables, such as a slower consumption growth, they are sufficient to keep the risk of deficit within the safety margin established by the National Energy Policy Council (Conselho Nacional de Política Energética - CNPE, in Portuguese) (maximum risk of 5%) in all subsystems.

36.2.5 Risk of GSF impacts

The Energy Reallocation Mechanism (Mecanismo de Realocação de Energia - MRE, in Portuguese) 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, that there is a 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 (Garantia Física - GF, in Portuguese) 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, Fundão, 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 energy generation and transmission concessions, achieved by Law No. 9,074/1995, is regulated by Law No. 12,783/2013. Concessions for hydroelectric power generation and electric power transmission may be extended, at the discretion of the granting authority, only once, for a period of up to 30 years. Thermoelectric power generation concessions have an extension term 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.

However, in 2019, Decree No. 10,135/2019 was published, which regulated the granting of concession contracts in the electricity sector associated with privatization through sale of control by holder of a public service concession for electricity generation, changing the exploration regime to Independent Power Producer (IPP). According to the Decree, the manifestation of sale of the concession must take place within up to 42 months from the date of the related formal agreement, and any sale must take place within up to 18 months from the concession end date. If sale of control of the venture does not occur within the specified period, the plant must be subject to auction by the granting authority and the same concessionaire can participate in the auction, if it meets the qualification conditions.

Copel has 2 plants whose concession ends in the next 5 years.

For HPP Governador Bento Munhoz da Rocha Netto (HPP GBM) (1,676 MW), whose concession will end in 2023, the Company has not expressed any interest in extending the concession, as internal studies have shown that the extension through early change of the exploration regime would be economically and financially disadvantageous in relation to exploration of the plant under the current regime until concession end. On March 3, 2020, Copel GeT transferred the concession of HPP GBM to subsidiary F.D.A. Geração de Energia Elétrica S.A. with the purpose of divesting the control of this concessionaire and, thus, allow a new concession grant for 30 years.

With respect to HPP São Jorge, whose concession ends in 2024, Copel did not express interest in the renewal and intends, at the end of the concession, to request ANEEL to convert the granting of concession into granting of registration.

Regarding the Figueira HPP concession, expired in March 2019, the Company awaits the conclusion of the related ANEEL procedural steps to execute any 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 Apucarantina HPP until October 2020 and the Guaricana and Chaminé HPPs until August 2021. If the Company does not express an interest in the extension of the current regime, the concessions, upon expiration, must be returned to 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

The fifth amendment to Copel DIS's concession contract No. 46/1999 imposes economic and financial efficiency covenants and indicators that consider the duration and frequency of service interruptions (DECI and FECi). Failure to comply with the conditions will result in termination of the concession (clause eighteen, subclause one), with due regard for the provisions of the contract, particularly the right to full defense and adversary system.

Indicators and penalties

Year	Indicator	Criteria	Penalties
Until 2020	Economic - financial efficiency and quality	2 consecutive years or at the end of the 5-year period (2020)	Concession termination
	Quality Indicators	2 consecutive years or 3 times in 5 years	Limitation of dividend and interest on equity distribution
	Economic - financial efficiency	in the base year	Capital Increase (a) Limitation of dividend and interest on equity distribution Restrictive regime for contracts with related parties
From the 6 th year of (2021)	Economic - financial efficiency	2 consecutive years	Concession termination
	Quality Indicators	3 consecutive years	

(a) Within 180 days from the end of each fiscal year, in the totality of the insufficiency that occurs to reach the Minimum Economic and Financial Sustainability Parameter.

Targets defined for Copel Distribuição in the first five years after extension of the concession agreement

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)	550,675	11.23	8.24	10,29	6,20
2019	{Net Debt / [EBITDA (-) QRR]} $\leq 1 / (0.8 * SELIC)$ ^(e)	822,386	10.12	7.74	9,10	6,00
2020	{Net Debt / [EBITDA (-) QRR]} $\leq 1 / (1.11 * SELIC)$ ^(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 EBITDA adjusted for non-recurring events (Voluntary retirement program, post-employment benefit, provisions and reversals) according to sub-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 General Market Price Index (IGPM) variation 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 the purchase of energy must be in the volume necessary to serve 100% of the distributor's market.

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.

In relation to the 2020 contracting, the supply and demand scenarios considered in much of the first quarter indicated that this year Copel DIS would reach a contracting level within the regulatory limits. However, after the adoption of government measures to contain the effects of Covid-19, implemented in the second half of March, a significant reduction in the consumption of electric power was observed in the State of Paraná, a phenomenon also observed in practically all other Brazilian states.

This current scenario, in addition to being unprecedented, raises uncertainties about its evolution and future effects. Owing to this, although an increase in the level of contracting is expected, it is not yet possible to state that it will result in overcontracting, nor measure this risk. Decree 10,350, published on May 18, 2020, amended Decree 5,163, of July 30, 2004, recognizing that the contractual surplus arising from load reduction resulting from the effects from the Covid-19 pandemic were involuntary, whose calculation criteria are pending regulation by Aneel.

In addition, it is important to note that all distributors have sent Aneel, on a daily basis, information about their realized markets, so that the regulatory body has independent and isonomic access to the effects of social isolation measures. Accordingly, Copel DIS understands that due to the extraordinary nature of this situation, it should maintain the guarantee of neutrality in the purchase of energy preserved and will endeavor to ensure that any overcontracting is recognized as involuntary.

36.2.10 Gas shortage risk

The natural gas market in Paraná is composed of Compagás' consumers (non-thermal market) and the Araucária Thermoelectric Plant (UEG Araucária). This market is currently supplied by contracts with Petrobras that uses the transportation infrastructure of the Brazil-Bolivia gas pipeline (Gasbol). Compagás has a contract for the supply of natural gas from Bolivia until December 2021, and is making a public bidding for the supply of natural gas as from January 2022. UEG Araucária, on the other hand, negotiates short-term natural gas contracts for not having electricity generated contracted in the regulated environment.

In the current situation of the natural gas sector in Brazil, the New Gas Market program is coordinated by the Ministry of Mines and Energy together with the Civil House of the Presidency of the Republic, the Ministry of Economy, the Administrative Council for Economic Defense, the National Petroleum Agency and the Energy Research Company - EPE, whose purpose is to open the natural gas market in order to make it dynamic, competitive, integrated with the electric and industrial sector, with an improved regulation.

Within the scope of the New Gas Market, the offer of natural gas already demonstrates growth and diversification, having as alternatives the import of gas from Bolivia, import of liquefied natural gas (LNG) that has a large world offer, use of natural gas from onshore basins and greater use of natural gas from the pre-salt which has large volumes to be extracted.

In relation to the transportation network, the changes in regulation to allow access to new agents, the public calls opportunely made by TBG (Gasbol transporter) with the purpose of establishing capacity contracting regime in the gas pipeline and the Gas Pipeline Indicative Plan (PIG) coordinated by EPE, give a vision of better structuring of the sector and adequate planning to meet current and future demands, even though investments are needed for the latter.

A possible shortage in gas supply could result in losses to Copel due to a reduction in revenue from the natural gas distribution service provided by Compagás, as well as any penalty resulting from non-compliance with the obligations contained in the concession contract. In addition, in this scenario, UEG Araucária would probably be kept out of operation. However, this risk is considered low in view of the situation of the New Gas Market.

36.2.11 Risk of non-performance of wind farms

The power generation purchase and sale 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. Non-compliance with what is stated in the agreement may jeopardize future revenues of the Company. At June 30, 2020, the consolidated balance of the provision recorded in liabilities referring to the non-performance is R\$74,683 (R\$65,790 at December 31, 2019), 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

The Company operates in the market for the purchase and sale of energy 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 future purchase and sales of energy are recognized at fair value through profit or loss, based on the difference between contractual price and market price of the operations as of the reporting date.

Based on the notional value of R\$5,059,552 for purchase contracts and R\$5,296,097 for contracts for the sale of electricity, outstanding on June 30, 2020, the fair value was estimated using the prices defined by the Company in the last week of June 2020, 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 June 30, 2020, adjusted by the credit risk rate and the additional project risk.

The outstanding balances relating to these transactions at June 30, 2020 are presented below:

Consolidated	Assets	Liabilities	Net
Current	44,204	(40,890)	3,314
Noncurrent	566,422	(326,340)	240,082
	610,626	(367,230)	243,396

Sensitivity analysis on the power purchase and sale transactions

The sensitivity analyses were prepared in accordance with CVM Instruction 475/08. For the probable scenario, balances updated with the market price curve and NTN-B rate on August 5, 2020 were considered. For scenarios 1 and 2, the increase or decrease of 25% and 50% was applied to the future prices considered in the probable scenario. The results obtained are as follows:

Consolidated	Price variation	Baseline 06.30.2020	Projected scenarios		
			Probable	Scenario 1	Scenario 2
Gains (losses) on purchase and sale of energy	Increase	243,396	256,104	285,703	315,302
	Decrease	243,396	256,104	226,505	196,905

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 limit established in the debt indentures 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	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019
Loans and financing	787,410	788,959	3,057,051	3,168,710
Debentures	806,035	1,118,284	7,828,475	8,540,366
(-) Cash and cash equivalents	49,799	25,304	2,902,007	2,941,727
(-) Bonds and securities	90	90	289,114	282,081
Net debt	1,543,556	1,881,849	7,694,405	8,485,268
Equity	19,372,774	17,252,414	19,649,759	17,598,212
Equity indebtedness	0.08	0.11	0.39	0.48

37 Related Party Transactions

Consolidated Related parties / Nature of operation	Assets		Liabilities		Revenue		Cost / Expense	
	06.30.2020	12.31.2019	06.30.2020	12.31.2019	06.30.2020	06.30.2019	06.30.2020	06.30.2019
Controlling shareholder								
State of Paraná - dividends payable	-	-	95,332	190,664	-	-	-	-
CRC Transfer (Note 8)	1,299,255	1,350,685	-	-	98,582	104,857	-	-
Luz Fraterna Program (a)	936	7,478	-	-	-	-	-	-
Tarifa Rural Noturna Program (a)	11,784	7,639	-	-	-	-	-	-
Morar Bem Paraná Program (a)	-	-	-	-	-	-	-	-
Employees transferred (b)	39	33	-	-	-	-	-	-
Telecommunication services (c)	17,012	16,312	-	-	21,138	21,107	-	-
Meteorological System of Paraná - Simepar (d)	-	-	280	185	-	-	(1,141)	(1,080)
Entities with significant influence								
BNDEx and BNDESPAR - dividends payable (e)	-	-	65,102	130,204	-	-	-	-
Financing (Note 22)	-	-	2,137,363	2,231,409	-	-	(73,972)	(91,348)
Debentures - Compagás (Note 23)	-	-	8,834	11,783	-	-	(1,155)	(676)
Debentures - wind farms (Note 23) (f)	-	-	244,587	253,877	-	-	(11,036)	(14,987)
State of Paraná investee								
Sanepar (c) (g)	312	294	316	311	2,533	2,258	(3,258)	(2,803)
Joint ventures								
Dividends	1,032	1,032	-	-	-	-	-	-
Caiuá Transmissora de Energia (c) (h) (i) (j)	518	256	1,473	1,512	1,543	1,250	(7,907)	(6,524)
Dividends	4,443	4,443	-	-	-	-	-	-
Integração Maranhense Transmissora (i) (j)	-	-	128	161	-	-	(965)	(940)
Dividends	-	4,306	-	-	-	-	-	-
Matrinchã Transmissora de Energia (i) (j)	-	-	705	829	-	-	(5,101)	(5,041)
Dividends	30,651	31,793	-	-	-	-	-	-
Guaraciaba Transmissora de Energia (i) (j)	-	-	344	383	-	-	(2,545)	(2,409)
Dividends	16,173	14,846	-	-	-	-	-	-
Paranaíba Transmissora de Energia (i) (j)	-	-	510	638	-	-	(3,823)	(3,486)
Dividends	5,962	5,962	-	-	-	-	-	-
Cantareira Transmissora de Energia (i) (j)	-	-	371	467	-	-	(2,816)	(1,088)
Dividends	-	7,286	-	-	-	-	-	-
Mata de Santa Genebra Transmissão (i) (j) (k)	5,158	2,035	678	10	7,645	9,760	(2,079)	(15)
Associates								
Dona Francisca Energética S.A. (l)	14	40	1,389	1,436	83	-	(8,428)	(8,384)
Dividends	-	-	-	-	-	-	-	-
Foz do Chopim Energética Ltda. (c) (m)	218	209	-	-	1,270	1,053	-	-
Sercomtel S.A. Telecomunicações (c) (n)	5,579	4,436	-	-	4,202	4,193	(2)	-
Key management staff								
Fees and social security charges (Note 33.2)	-	-	-	-	-	-	(12,377)	(10,656)
Pension and healthcare plans (Note 24.3)	-	-	-	-	-	-	(280)	(510)
Other related parties								
Fundação Copel (c)	30	9	-	-	128	153	-	-
Administrative property rental	-	-	6,876	14,662	-	-	(888)	(1,754)
Pension and healthcare plans (Note 24.3)	-	-	1,208,305	1,194,936	-	-	-	-
Lactec (c) (o)	5	4	3,382	1,507	391	-	(1,249)	(990)

- a) The *Luz Fraterna* Program created under Law 491/2013 and 17,639/2013 establishes the payment of electricity consumption to benefit low-income families, residing in the State of Paraná, whose properties - consumer units - are used exclusively for residential purposes, whether in urban or rural areas, and fulfill the requirements established in articles 3 and 4 of this law

In March 2018, the amount of R\$159,274 was settled. The principal interest, fine and monetary restatement, totaling 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, 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.

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

The *Tarifa Rural Noturna* Program of the Paraná State Government, regulated by Decree No. 1,288 of April 30, 2019, provides for the granting of special monthly discount on the electricity tariff and the charges resulting from this service, including on the additional tariff flags, regarding night consumption by consumers addressed by this decree. This program provides for the payment by the Paraná State Government to Copel Distribuição of the amount corresponding to 60% of the electricity consumption by the benefitted consumers, considered to be night-period consumption, as specified in Decree 1,288 of April 30, 2019.

- 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. Balances presented are net of expected credit loss.
- 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 has 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 Eurús IV and Ventos de Santo Uriel.
- g)** Basic sanitation provided by Sanepar.
- h)** Operation and maintenance services agreement provided by Copel GeT, maturing on May 9, 2021. Transmission System Connection Agreement - CCT executed by Copel DIS, expiring by the end of the concession agreement of the distribution or transmission company, whichever takes place first.

- i) Charges for use of the transmission system due by Copel GeT, UEG Araucária and wind farms.
- 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) Agreements entered into by Copel GeT: for operation and maintenance services, maturing on February 1, 2023, rendering of owner's engineering services, advisory and consulting services, already closed on June 2020 and facility sharing, maturing on January 1, 2043.
- l) Connection to the transmission system contracts entered by Copel GeT, Costa Oeste and Marumbi, maturing on August 17, 2031 until July 21, 2048. Power purchase and sale agreement made by Copel GeT, maturing on March 31, 2025.
- m) Contracts entered into by Copel GeT: for operation and maintenance, maturing on May 23, 2025, and connection to the transmission system, maturing on January 1, 2043.
- n) Light pole sharing agreement, signed between Sercomtel S.A. Telecomunicações and Copel DIS.
- o) The Institute of Technology for Development (Lactec) is a Public Interest Civil Society Organization (OSCI), 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. Copel COM provides services and sells energy to the institute.

The relevant transactions with related parties are shown above. Transactions arising from operations in a regulated environment are billed according to the criteria and definitions established by the regulatory agents and other transactions are recorded according to the market prices practiced by the Company

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 and transportation agreements made by Copel GeT and its subsidiaries, in the total amount of R\$ 4,307 (R\$4,005 as of December 31, 2019) and made by Copel Energia, in the amount of R\$105,124 (R\$21,846 as of December 31, 2019).

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 06.30.2020	Interest %	Amount guarantees
(1) Caiuá Transmissora (a)	Financing	12.23.2013	02.15.2029	84,600	53,892	49.0	5,956
(2) Guaraciaba Transmissora	Financing	09.28.2016	01.15.2031	440,000	363,521	49.0	178,125
(3) Guaraciaba Transmissora	Debentures	07.15.2018	12.15.2030	118,000	119,820	49.0	58,712
(4) Mata de Santa Genebra	Financing	11.30.2017	07.15.2033	1,018,500	1,086,641	50.1	544,407
(5) Mata de Santa Genebra	Debentures	04.15.2019	11.15.2030	210,000	208,416	50.1	104,416
(6) Cantareira Transmissora de Energia (a)	Financing	12.28.2016	09.15.2032	426,834	443,250	49.0	28,175
(7) Cantareira Transmissora de Energia	Debentures	01.09.2018	08.15.2032	100,000	99,849	49.0	48,926
							968,717

(a) Guarantee awarded of fixed amount pursuant to the contractual provisions and formal requirements of the financial institution

Financial institution (fund provider): BNDES: (1) (2) (4) (6)

Allocation: Investment program

Guarantees: provided by Copel GeT: (1); provided by Copel: (2) (3) (4) (5) (6) (7).

Operation guarantee: pledge of shares held by Copel Get in the ventures.

Performance bond Company	Final maturity	Amount Insured	% endorsement Copel GeT	Amount endorsement
Matrinchã Transmissora	09.30.2020	90,000	49.0	44,100
Mata de Santa Genebra	10.31.2020	78,300	50.1	39,228
				83,328

38 Commitments

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

Consolidated	06.30.2020	12.31.2019
Energy purchase and transportation contracts	130,401,236	137,279,155
Additions to property, plant and equipment		
Construction of transmission lines and substations	50,008	115,732
Construction of Jandaíra wind farm complex	340,589	-
Construction of SHP Bela Vista	56,966	111,481
Telecommunications works	69,650	90,769
Acquisition of assets for electricity distribution	1,026,477	428,441
Gas purchase contracts	830,675	859,211

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
Operational risks - HPP Baixo Iguaçu	05.30.2021	2,250,207
Operational risks - HPP Colíder	11.01.2020	2,166,984
Operational risks - Cutia and Bento Miguel	03.29.2021	2,165,557
Nominated Risks	08.24.2020	2,069,590
Operational risks - UEG Araucária (a)	05.31.2021	929,440
Operational risks - Brisa Potiguar	06.27.2021	914,610
Operational risks - HPP Governador Jayme Canet Junior	11.23.2020	799,290
Fire - owned and rented facilities	08.24.2020	662,791
Operational risks - São Bento	06.27.2021	571,848
Operational risks - Elejor	03.11.2021	302,984

(a) The values of the insured of operating risks - UEG Araucária have been translated from USD into BRL, with the current rate R\$5.4760 as of June 30, 2020.

In addition to the insurance policies listed above, the Company and its subsidiaries take out other insurance policies with lower values, such as: Directors and Officers liability (D&O), general civil liability, court award 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\$556,499 (R\$466,230 as of June 30, 2019). Of this amount, R\$87,646 (R\$58,399 as of June 30, 2019) 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\$136,462 (R\$273,828 as of June 30, 2019). Of this amount, R\$12,573 (R\$57,150 as of June 30, 2019) represent the amount of purchases made in installments and not settled through the end of the reporting period.

As described in note 28.1, the additions and adjustments for remuneration occurred in right-of-use assets totaled R\$57,060 (R\$ 8,967 as of June 30, 2019), which were recognized matched against lease liabilities.

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 Adhesion to the Covid Account

On July 2, 2020, Copel informed the market of the decision to file the Statement of Acceptance of the Provisions of Decree 10,350/2020 (Covid Account) with Aneel. The total amount requested was R\$ 869,516 and, on June 25, 2020, Copel DIS had already expressed its position on the advance of R\$ 536,359 related to the recognized CVA, which was part of its annual tariff adjustment..

The Covid Account funds have been transferred to energy distributors through a financial operation under the coordination of the Electric Energy Trading Chamber - CCEE. On July 31, 2020, Copel DIS received the total amount requested of R\$ 869,516.

41.2 Divestment of Copel Telecomunicações

On July 15, 2020, COPEL's Board of Directors, at its 204th Ordinary Meeting, approved the beginning of the divestment of 100% of the Company's interest in its wholly-owned subsidiary Copel Telecomunicações S.A., based on the conclusion of the studies which were validated by independent advisors. Consequently, as part of the divestment process, the beginning of the respective external stage was also approved, which includes, among others: (i) the opening of a Virtual Data-Room with detailed information on the divestment; (ii) sending the complete file for analysis by the Paraná State Court of Auditors - TCE-PR; and (iii) the scheduling and holding of a virtual public hearing on the divestment, to be coordinated jointly with B3 S.A. - Brasil, Bolsa, Balcão. The minimum price and other negotiation conditions will be announced in due course upon publication of the notice.

On August 7, 2020, according to the Notice to the Market 23/20, Copel informed that it will open a public hearing on August 19, 2020, in order to present the main aspects of the business and the sale structure related to the auction for the potential sale of the shares issued by Copel Telecomunicações S.A.

Management awaits the stages still to be completed in the divestment process, some of which are necessary to meet the criteria required by the standard (CPC 31 / IFRS 5), to classify the asset as available for sale and reflect the operation as discontinued in the consolidated financial statements of Copel.

COMMENTS ON PERFORMANCE

for the quarters ended June 30, 2020

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 June 2020 was 12,332 km (10,931 km in June 2019), up by 1,401 km, or 12.8%, in twelve months.

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; making illegal energy connections more difficult; 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 June 2020 was 19,599 km (18,666 km in June 2019), up by 967 km, or 5.0%, in twelve months.

2 Power Market

Market behavior - Power generation by Copel Geração e Transmissão S.A. and wind farms in the first half of 2020 - 1H20 was 3,943GWh (9,847GWh in the same period in 2019). This difference is due to the long period of drought that hit the southern region of Brazil in 2020. As a result, the hydroelectric plants in the southern region, including those of Copel, were exempted from the energy supply obligation by ONS, and their contractual obligations were met by the Energy Reallocation Mechanism (MRE). Below, we present the energy flow of the Copel group in 1H20:

Energy Flow (GWh) (a) (b)			January through June 2020		
Own generation			Availability		
	3,943	16.6%			
Energy received					
	19,829	83.4%			
CCEAR	5,741				
Itaipu	2,734				
Dona Francisca	70				
CCEE (MCP)	54				
Angra	481				
CCGF	3,039				
MRE	4,909				
Elejor	22				
Proinfa	218				
Other ¹	2,561				
			Captive Market	9,734	40.9%
			Concessionaires²	39	0.2%
			Electricity sales to distributor CCEE³	81	0.3%
			Assignment MCSD EN⁴	344	1.4%
			Free Customers	3,762	15.8%
			Energy Supplied	8,761	36.9%
			Bilateral Agreements	4,606	
			CCEAR	1,746	
			CER	229	
			CCEE (MVE)	218	
			CCEE(MCP)	1,708	
			MRE	27	
			Losses and differences	1,051	4.4%
			Basic Network Losses	313	
			Distribution Losses	904	
			CG Contracts	(166)	

CCEAR: Energy Purchase Agreements in the Regulated Market.

CER: Reserve Energy Agreements.

CCEE (MVE): Financial settlement of energy surpluses from the distributor to the free market through the Surplus Sale Mechanism

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

MRE: Energy Reallocation Mechanism.

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:

Segment	GWh		
	jan a jun 2020	jan a jun 2019	Variation
Copel Distribuição			
Captive Market	9,734	10,081	-3.4%
Residential	3,914	3,795	3.1%
Industrial	1,145	1,334	-14.2%
Commercial	2,171	2,445	-11.2%
Rural	1,292	1,243	3.9%
Other	1,212	1,264	-4.1%
Concessionaries and Licensees	39	129	-69.8%
CCEE (Cessões MCSD EN)	342	447	-
CCEE (MVE)	218	82	-
CCEE (MCP) (a)	970	814	19.2%
Total Copel Distribuição	11,303	11,024	2.5%
Copel Geração e Transmissão			
CCEAR (Copel Distribuição)	60	61	-1.6%
CCEAR (other concessionaries)	1,103	1,087	1.5%
Free Customers	1,611	2,003	-19.6%
Bilateral Agreements (Copel Distribuição)	3,555	2,351	51.2%
Bilateral Agreements ¹	1,404	1,728	-18.8%
CCEE (MCP) ²	634	483	31.3%
Total Copel Geração e Transmissão	8,367	7,713	8.5%
Wind Farms Complex			
CCEAR (other concessionaries)	640	636	0.6%
CER (c)	456	453	0.7%
Total Wind Farms Complex	1,096	1,089	0.6%
Copel Comercialização			
Free Customers	2,150	1,281	67.8%
Bilateral Agreements (Copel)			
Bilateral Agreements ¹			
CCEE (MCP) ²	103	25	312.0%
Total Copel Comercialização	2,253	1,306	72.5%
Total	23,019	21,132	8.9%

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.

Wire market of Copel Distribuição, (TUSD) - Copel Distribuição's wire market, comprising the captive market, the supply to concessionaires and permittees within the State of Paraná and the total number of free consumers in its concession area, adjusted by the decrease in consumer consumption by 230 kV in the comparative base, presented 2.6% drop in energy consumption in 1H20. This result is mainly due to the reduction in the economic activities in the second quarter of the year, in several areas, due to the effects from the Covid-19 pandemic. Paraná's industrial production, for example, fell by 30.6% in April and by 18.1% in May.

Captive Market of Copel Distribuição - The sale of energy to Copel Distribuição's captive market totaled 9,734 GWh in 1H20, representing a reduction of 3.4%. Below, we present consumption by class of consumers:

The residential class consumed 3,914 GWh in 1H20, an increase of 3.1% compared to 1H19, reflecting the increase in average monthly consumption, mainly influenced by the social distancing measures that have been implemented since the second half of March that led people to stay in their homes. At the end of June 2020, the residential class represented 41.5% of the captive market consumption, with 3,868,967 consumers.

-The industrial class consumed 1,145 GWh in 1H20, a reduction of 14.2% in relation to 1H19, mainly reflecting the strong decrease in the level of economic activities, the effect from the Covid-19 pandemic, in several areas, and the segments of manufacturing non-metallic mineral products and manufacturing of motor vehicles, trailers and bodies were the ones that most impacted this result. At the end of June 2020, the industrial class represented 12.1% of consumption in the captive market, with 71,209 consumers.

- The commercial class consumed 2,171 GWh in 1H20, a reduction of 11.2% in relation to 1H19, also due to the reduction in the level of economic activities, the effect from the Covid-19 pandemic, with service activities for buildings and landscaping and civil construction activities were the ones that most impacted this result. At the end of the second quarter of 2020, this class represented 20.4% of consumption in the captive market, with 405,560 consumers.

- The rural class consumed 1,292 GWh in 1H20, an increase of 3.9% over 1H19, due to the good performance of agribusiness in the Paraná state, despite the negative effects from the Covid-19 pandemic. At the end of June 2020, this class represented 13.1% of Copel's captive market consumption with 348,758 consumers.

- The other class (government bodies, public lighting, public services and own consumption) totaled 1,212 GWh in 1H20, a decrease of 4.1% in relation to 1H19, mainly due to the reduction in the "government bodies" class, which was also motivated by the effects from the Covid-19 pandemic. Together, these classes represented 12.9% of consumption in the captive market, with 59,212 consumers.

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 June 2020 was 4,755,259, up by 1.7% against the same month in 2019.

Segment	jun 2020	jun 2019	Variation
Residential	3,868,967	3,791,809	2.0%
Industrial	71,209	72,621	-1.9%
Commercial	405,506	402,570	0.7%
Rural	348,758	351,698	-0.8%
Others	59,212	58,114	1.9%
Total Captive Market	4,753,652	4,676,812	1.6%
Grid Supply (a)	7	7	0.0%
Free Customers (b)	1,600	1,218	31.4%
Total geral	4,755,259	4,678,037	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	jun 2020	jun 2019
Copel and subsidiaries		
Copel	104	71
Copel Geração e Transmissão	1,605	1,675
Copel Distribuição	4,927	5,304
Copel Telecomunicações	377	448
Copel Comercialização	42	40
	7,055	7,538
Affiliated Company		
Compagás	149	159
Elejor	7	7
UEG Araucária	15	17
	171	183

4 Market Relations

From January to June 2020, 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 68.93% of the Company's capital stock. At the end of June 2020, Copel's market value was R\$16,604 thousand, based on quotations of all markets.

In [B]3, ON shares (CPLE3) closed the quarter traded at R\$60.44, with a negative variation of 12.53%, while PNB shares (CPLE6) closed the quarter at R\$ 60.82, with a negative variation of 11.94%. In the same period the Ibovespa index recorded a negative variation of 17.80%.

On the New York Stock Exchange (NYSE), ON shares traded at "Level 1" in the form of ADRs, under ticker ELPVY, and were traded in 10% of the trading sessions, closing the period at US\$10.05, with a negative variation of 41.23%. PNB shares are 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\$11.36, with a negative variation of 32.94%. Also in this period the Dow Jones Index recorded a negative variation of 9,55%.

On the Latibex (the Euro market for Latin American Securities), which is connected to the Madrid Stock Exchange), the Company's PNB shares are traded under the ticker XCOP, and were traded in 65% of the trading sessions, closing the period at € 10.90, with a negative variation of 28.29%. In the same period, the Latibex All Shares index recorded a negative variation of 38.60%.

The table below is a summary of Copel's share trading during the first half 2020:

Stock Performance (Jan - Jun/2020)	ON		PNB	
	Total	Daily average	Total	Daily average
B3				
Number of Trades	193,093	1,570	866,547	7,045
Volume Traded	39,003,500	317,102	167,763,700	1,363,933
Trading Value (R\$ thousand)	2,392,213	19,449	10,396,486	84,524
Presence in Trading Sessions	123	100%	123	100%
Nyse				
Volume Traded	28,074	2,160	91,304,099	730,433
Trading Value (US\$ thousand)	332	26	1,201,164	9,609
Presence in Trading Sessions	13	10%	125	100%
Latibex				
Volume Traded	-	-	21,586	263
Trading Value (€ thousand)	-	-	252	3
Presence in Trading Sessions	-	0%	82	65%

5 Tariffs

Power distribution tariffs

Retail distribution average rate (a) - R\$/MWh	jun 2020	jun 2019	Variation
Industrial (b)	486.36	461.85	5.3%
Residential	487.71	494.89	-1.5%
Commercial	569.98	543.17	4.9%
Rural	466.69	416.58	12.0%
Other	350.96	352.59	-0.5%
Average electricity to final customers and use of the main distribution and transmission grid tariff (R\$ / MWh)	525.96	502.16	4.7%
Average demand tariff (R\$ kW)	23.29	24.78	-6.0%

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

(b) Free customers not included.

Power purchase tariffs

Tariff Supply* - R\$/MWh	jun 2019	Variação	Variation
Itaipu (a)	328.17	245.25	33.8%
Auction 2010 - H30	235.70	225.12	4.7%
Auction 2010 - T15 (b)	153.71	110.77	38.8%
Auction 2011 - H30	242.91	232.16	4.6%
Auction 2011 - T15 (b)	192.46	183.11	5.1%
Auction 2012 - T15 (b)	163.19	191.20	-14.7%
Auction 2016 - T20 (b)	169.67	156.48	8.4%
Auction CCEAR 2014 - 2019 (c)	-	168.81	-100.0%
Bilaterais	-	245.06	-100.0%
Angra	273.25	248.48	10.0%
CCGF (e)	99.88	93.54	6.8%
Santo Antonio	150.84	143.84	4.9%
Jirau	132.72	126.51	4.9%
Other auctions (f)	179.23	161.01	11.3%
Tariff Average Supply	189.93	168.13	13.0%

(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) Contrato de cotas de garantia física das UHEs que tiveram suas concessões prorrogadas nos termos da Lei 12.783/13.

(e) Products average price. Proinfa not included.

* 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 March 28, 2016.

Power supply tariffs

Tariff Weighted Average Supply - R\$/MWh	jun 2020	jun 2019	Variation
Auction - CCEAR 2011-2040	229.73	222.24	3.4%
Auction - CCEAR 2013-2042	248.29	240.17	3.4%
Auction - CCEAR 2015 - 2044 (a)	175.79	170.38	3.2%
Auction - CCEAR 2018 - 2048	182.90	176.99	3.3%
Concession holders in the State of Paraná	214.51	206.29	4.0%

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 June 2020, net operating revenues were R\$8,821,265, 16.7% up against R\$7,561,721 recorded in the same period in 2019.

This variation was mainly explained by:

- a) 4.6% increase in revenue from electricity sales to final customers, mainly due to the 1.0% increase in the volume of energy sold to end consumers with the effect from the economic downturn caused by the coronavirus pandemic that strongly impacted the industrial and commercial classes.
- b) 17.0% increase in revenue from electricity sales to distributors, mainly due to the increase in energy sold from bilateral contracts and contracts in the regulated environment, by the supply by UEGA - which had not operated in 2019, offset by the impacts from the MRE due to drought in the south of Brazil;
- c) increase of 1.9% in revenue from the use of the main distribution and transmission grid, essentially due to the positive result of the periodic tariff review of transmission contract 060/2001, offset by the reduction in the distribution wire market by 2.6% and lower restatement of the balance of the contract asset and the concession bonus of the GPS plant.
- d) 11.8% reduction in telecommunications revenue, mainly due to the decrease in the number of circuits, especially in the retail market;
- e) 29.4% reduction in revenue from distribution of piped gas impacted by the lower volume of gas traded, reflecting the coronavirus pandemic that mainly affected the industrial, commercial and vehicular segments;
- f) positive effect of R\$ 809,154 due to the unappealable decision on the lawsuit that recognized Copel DIS's right to exclude the full amount of ICMS from the PIS and Cofins tax base.

Operating Costs and Expenses (Note 33)

Operating costs and expenses totaled R\$6,467,558 in the first half of 2020, higher up 7.5% compared to R\$6,013,646 recorded in the same period in 2019. The main highlights were as follows:

- a) 11.8% increase in electricity purchased for resale mainly due to the higher purchase of energy from Itaipu and bilateral contracts to face the higher volume of energy sold in the free market in the first half of 2020;
- b) 6.2% increase in compensation of personnel and management, mainly due to the increase in provision for performance and profit sharing and the salary increase by 2.92% in October 2019, according to the collective labor agreement, partially offset by the reduction of headcount and the cost reduction policy;
- c) increase of R\$ 120,587 in materials and supplies for power electricity, due to the UEGA commissioning in 2020;
- d) 36.8% reduction in expenses with natural gas and supplies for gas business due to the lower volume of gas purchases for resale;
- e) 17.0% increase in the depreciation and amortization account resulting from the start of commercial operations in 2019 at the Colider, Cutia and Baixo Iguaçu plants and also of telecommunications assets;
- f) 20.7% increase in credit losses, provisions and reversals due to impairment in the generation segment and the increase in expected credit losses in the period, offset by the reversal of the provision for litigation; and
- g) 16.4% reduction in other operating costs and expenses due to lower losses on the retirement of assets and financial compensation for the use of water resources.

Equity in earnings of investees

Increase of R\$ 19,682 in June 2020, compared to the same period in 2019, mainly due to the share of profit of the joint venture Mata de Santa Genebra, which offset the share of loss of the joint ventures Caiuá and Cantareira.

Financial Results (Note 34)

The increase of R\$ 1,035,610 in the financial results, corresponding to 458.3% compared to the same period in 2019, is mainly due to the recognition of tax credit resulting from the exclusion of ICMS from the PIS and Cofins tax base in the amount of R\$ 936,524 in June 2020, as detailed in Note 13.2.1.

EBITDA

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

Consolidated	06.30.2020	06.30.2019	Variation	12.31.2019
Ebitda Calculation				
Net income	2,105,856	852,903	146.90%	2,062,869
Deferred IRPJ and CSLL	64,203	26,812	139.46%	205,771
Provision for IRPJ and CSLL	1,020,679	450,099	126.77%	433,555
Financial expenses (income), net	(809,654)	225,956	-458.32%	488,486
Ebit	2,381,084	1,555,770	53.05%	3,190,681
Depreciation and amortization	565,564	483,387	17.00%	1,093,836
Ebitda	2,946,648	2,039,157	44.50%	4,284,517
Attributed to controlling shareholders	2,924,436	1,990,654	46.91%	4,131,734
Attributed to non-controlling interest	22,212	48,503	-54.20%	152,783
Ebitda Margin Calculation				
Ebitda	2,946,648	2,039,157	44.50%	4,284,517
Net operating revenues - ROL	8,821,265	7,561,721	16.66%	16,244,274
Ebitda Margin% (Ebitda ÷ ROL)	33.4%	27.0%	23.7%	26.4%

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

STATUTORY AUDIT COMMITTEE

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

SUPERVISORY BOARD

Chairman	DEMETRIUS NICHELE MACEI
Sitting Members	HARRY FRANÇOIA JÚNIOR JOSÉ PAULO DA SILVA FILHO LETÍCIA PEDERCINI ISSA MAIA ROBERTO LAMB
Deputy Members	ESTEVÃO DE ALMEIDA ACCIOLY GILBERTO PEREIRA ISSA JOÃO LUIZ GIONA JUNIOR OTAMIR CESAR MARTINS

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-043819/O-0	RONALDO BOSCO SOARES
-------------------	----------------------

Information about this report:

Investor relations:	Phone: +55 (41) 3222-2027 ri@copel.com
---------------------	---

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"), identified as parent company and consolidated, respectively, included in the Quarterly Information Form - ITR for the quarter ended June 30, 2020, which comprises the statement of financial position as at June 30, 2020 and the related statements of income and of comprehensive income for the three and six-month periods then ended, and the statements of changes in equity and of cash flows for the six-month period then ended, including the accompanying notes.

The 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 the Quarterly Information Form (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 Form (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

COVID 19 related issues

Without modifying our conclusion, we draw attention to Note 1 to the interim financial information, in which the Company describes the effects and potential effects of COVID-19 on its operations, as well as the planned actions and actions taken up to the present date.

Other matters

Statements of value added

The interim financial information referred to above includes the individual and consolidated Statements of Value Added ("DVA") for the six-month period ended June 30, 2020, prepared under the responsibility of the Company's Management and presented as supplementary information for the purposes of the international standard IAS 34. These statements have been subject to review procedures performed in conjunction with the review of the Quarterly Information Form (ITR) to determine whether they are reconciled with the interim financial information and accounting records, as applicable, and if their form and content are in accordance with the criteria defined in technical pronouncement CPC 09 - Statement of Value Added. Based on our review, we are not aware of any fact that makes us believe that these Statements of Value Added have not been prepared, in all material respects, in accordance with the criteria set out in said standard and consistently with the individual and consolidated interim financial information taken as a whole.

Curitiba, August 13, 2020

DELOITTE TOUCHE TOHMATSU
Auditores Independentes

Fernando de Souza Leite
Engagement Partner

**SUPERVISORY BOARD'S OPINION
ON THE INTERIM FINANCIAL INFORMATION FOR THE FIRST HALF OF 2020**

The members of the Supervisory Board of Companhia Paranaense de Energia - Copel, undersigned, in accordance with their legal and statutory duties and responsibilities, have revised the Interim Financial Information for the second quarter of 2020 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 further considering the Report on the Review of Quarterly Information for the Six-Month Period Ended June 30, 2020 of the independent auditors, Deloitte Touche Tohmatsu Limited, 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 June 30, 2020 and conclude that this information may be disclosed.

Curitiba, August 13, 2020

DEMETRIUS NICHELE MACEI
Chairman

HARRY FRANÇÓIA JÚNIOR

JOSÉ PAULO DA SILVA FILHO

LETÍCIA PEDERCINI ISSA MAIA

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 June 30, 2020; 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 June 30, 2020.

In witness whereof, we sign this document.

Curitiba, August 13, 2020

/s/

Daniel Pimentel Slaviero
Chief Executive Officer

/s/

Ana Letícia Feller
Chief Enterprise Management Officer

/s/

Adriano Rudek de Moura
Chief Financial and Investor
Relations Officer

/s/

Cassio Santana da Silva
Chief Business Development Officer

/s/

Eduardo Vieira de Souza Barbosa
Chief Legal and Institutional

/s/

Vicente Loíacono Neto
Chief Governance, Risk and