

		Consolidate
ADDED VALUE STATEMENT (in R\$ Thousand)	2019	201
Revenues	20,006,677	19,661,74
Sale of goods, products, and services	19,254,052	19,375,66
Recovery of PIS and COFINS credits on ICMS	1,086,462	
Revenues for construction of own assets	793,332	720,87
Provision/reversal for credits of doubtful debts	(1,127,169)	(434,800
Inputs acquired from third-parties	(9,801,731)	(9,441,977
Cost of sold products, goods, and services	(8,211,044)	(7,972,390
Material, energy, outsourced services and other	(1,590,687)	(1,469,587
Gross added value	10,204,946	10,219,763
Withholdings	(587,187)	(544,943
Depreciation and amortization	(587,187)	(544,943
Net added value generated	9,617,759	9,674,820
Added value transferred from others	1,863,032	557,867
Equity accounting result	(38,367)	(85,407
Financial income	1,901,399	643,27
Total added value to be distributed	11,480,791	10,232,68
Distribution of added value	11,480,791	10,232,68
Personnel	423,188	394,623
Direct compensation	291,533	283,34
Benefits	95,703	80,678
FGTS	31,130	26,54
Others	4,822	4,06
Taxes, rates, and taxpayers	8,509,165	8,317,93
Federal	4,081,377	3,930,21
State	4,415,775	4,371,90
Municipal	12,013	15,81
Compensation of third-parties' capital	1,220,635	1,354,34
Interest	1,147,447	1,294,46
Rents	73,188	59,88
Compensation of our capital	1,327,803	165,782
		39,37

INFORMATION OF DISTRIBUTION NETWORK [GRI EU4]

	2017 _	2018	2019
Installed capacity (MVA)	10,522	10,522	10,525
Transmission lines (km)	2,026	2,039	2,039
Total distribution network (km)	77,684	77,904	78,765
Substations	222	221	221
Distribution transformers (un.)	91,741	92,408	93,082

FACTOR OF PLANTS AVERAGE AVAILABILITY (%) [GRI EU30]

	2017	2018	2019
Fontes Nova (FTN)	90.3	70.2	76.7
Nilo Peçanha (NLP)	93.0	89.6	93.4
Pereira Passos (PPS)	98.7	90.0	93.6
Ilha dos Pombos (ILH)	93.9	95.2	91.7
Santa Branca (SBR)	96.4	93.4	93.4

Source: SGI Performance Report

Note: PCH Paracambi, which is owned by LightGer and in which Light holds 51% of the share capital, is not included.

NET ENERGY PRODUCTION (GWh) [GRI EU2]

Plant	2017	2018	2019
Fontes Nova (Piraí - RJ)	662	500	641
Nilo Peçanha (Piraí - RJ)	2,403	2,556	2,554
Pereira Passos (Piraí - RJ)	336	349	372
Ilha dos Pombos (Carmo/Além Paraíba RJ/MG)	543	594	495
Santa Branca (Santa Branca/Jacareí SP)	175	196	174
Gross generation (includes internal losses and consumption)	4,119	4,197	4,235
Net generation - Generation delivered to SIN	3,403	3,499	3,517

Source: Generation 2019

Note: PCH Paracambi, which is owned by LightGer and in which Light holds 51% of the share capital, is not included.

COMPLIANCE WITH THE DEMAND PERFORMED BY ENERGY SOURCE [GRI EU10]

	2017			2018		2019	
Source of energy	GWh	%	GWh	%	GWh	%	
Hydroelectric (Water funds)	18,475	61.7	17,846	61.1	16,891	57.8	
Thermal (Fossil fuels)	9,770	32.6	9,712	33.2	9,878	33.8	
Angra (Electronuclear)	868	2.9	868	3.0	866	3.0	
Thermal (Auction of alternative source)	120	0.4	33	0.1	120	0.4	
Proinfa (PCH)	305	1	284	1.0	211	0.7	
Proinfa (Wind)	138	0.5	147	0.5	170	0.6	
Proinfa (Biomass)	55	0.2	65	0.2	78	0.3	
Wind	200	0.7	256	0.9	999	3.4	
Total	29,932	100	29,211	100	29,214	100	

Note: To meet the projected demand, energy purchase can only be made through auctions, in which there is in possibility to choose the generation source. There is in direct negotiation between generator and distributor of the Light Group. Mechanisms of adjustment are carried out throughout the year to purchase or return agreements, seeking a balance between demand and contracting.

TOTAL OF WATER WITHDRAWN BY SOURCE FOR ENERGY GENERATION AND WATER SUPPLY FOR PUBLIC SUPPLY IN RIO DE JANEIRO METROPOLITAN AREA (m³/ANO) [GRI 303-1]

	2017	2018	2019
Diversion RIO PARAÍBA - GUANDU (Annual Average Outflow)	101	111	106
Diversion RIO PIRAÍ - GUANDU (Annual Average Outflow)	15	15	16
Total withdrawals	116	126	122

Note: The average pumping of Santa Cecília was considered as Paraíba-Guandu diversion, and the sum of annual average outflows from the hydrological stations of V-3-482 Rosário - exit from the tunnel, and V-1-105 Fazenda Nova Esperança, as Piraí-Guandu diversion.

WATER SOURCES MATERIALLY AFFECTED BY WATER WITHDRAWAL (ANNUAL AVERAGE OUTFLOW - m³/s) [GRI 303-2]

	2017	2018	2019
Total water contribution to Guandu River - Ribeirão das Lajes (Lajes + Transposition)	111.2	134.1	142.0
Total water contribution to Guandu River - CEDAE Gutter	5.4	5.4	5.6
Total of contribution/offer	116.6	139.5	147.6

Note: The total water contribution to Guandu - Ribeirão das Lajes was considered as the annual average of the outflows of Posto V-3-489 - downstream of Pereira Passos. The total water contribution to Guandu - CEDAE Gutter was considered as the annual average of the outflows of Posto V-3-486 - Gutter of CEDAE

WATER CONSUMPTION IN LIGHT'S PREMISES [GR	303-1]								
					2017		2018		2019
Water consumption in Light's premises (average of m³/da	ay)				379		351		376
ENERGY CONSUMPTION OF LIGHT SCOPE 1 (OUR	FLEET), BY PRI	MARY ENERGY	SOURCE, IN M	1Wh [GRI 302	-1]				
Fuel					2017		2018		2019
Diesel					5,200		5,651		7,097
Petrol					5,513		5,253		5,297
Ethanol					56		53		29
Total					10,769		10,957		12,423
ENERGY CONSUMPTION OUTSIDE THE COMPANY	INDICATED BY	PRIMARY SOU	JRCE, IN MWh	[GRI 302-2]					
Fuel					2017		2018		2019
Diesel					3,628		6,761		2,627
Petrol					3,142		8,729		7,572
Ethanol					30		183		24
Total					6,799		15,673		10,223
ENVIRONMENTAL INVESTMENTS, IN R\$ THOUSAN	ND [GRI 103-2]								
-			2017			2018			2019
Nature of investment/company	SESA	ENERGIA	Total	SESA	ENERGIA	Total	SESA	ENERGIA	Total
Maintenance and environmental safety	2,727	587	3,314	2,119	1,096	3,215	11,213	4,870	16,083
Education and environmental projects	10,567	116	10,683	1,200	169	1,369	642	13	655
License and compliance with environmental legislation	884	0	884	725	337	1,062	957	322	1,279
Implementation and maintenance of environmental management system	98	715	813	117	376	493	31	409	440
Reforestation / containment of slopes and hillsides	573	11,845	12,418	99	2,768	2,866	114	1,787	1,901
Removal of aquatic plants	NA	1,951	1,951	NA	1,642	1,642	NA	2,668	2,668
Research and development	0	172	172	717	1,131	1,847	1,500	1,259	2,759
Total	14,849	15,386	30,235	4,977	7,519	12,496	14,457	11,328	25,785

Note: In this report, tree trimming costs are not classified as environmental investments, but as operation and maintenance expense.



TOTAL WASTE WEIGHT, BY TYPE AND DISPOSAL METHOD [GRI 306-2]										
	Disposal Method	2017	2018	2019						
Amount of paper and cardboard (ton)	Recycling/sale	30.68	27.06	19.31						
Amount of plastic (ton)	Recycling/sale	1,170.4	395.50	1.08						
Amount of glass (ton)	Recycling/sale	0.005	0.17	1.03						
Amount of metal (ton)	Recycling/sale	0.913	128.79	134.34						
Amount of incandescent lamps (ton)	Decontamination/recycling	6	4	6.5						
Amount of washable towels (ton)	Decontamination/reuse	1.63	3.31	3.10						

Note 1: Wastes included in the table refer to the company's wastes center. Specifically, the reported incandescent lamps include wastes of the energy efficiency project in the communities.

Note 2: All wastes are disposed of via recycling or sale, with the exception of washable towels, which are decontaminated and reused.

WASTES WEIGHT, IN KG, DEEMED HAZARDOUS UNDER BASEL CONVENTION- EXHIBITS I, II, III, VIII [GRI 306-4]									
	Disposal Method	2017	2018	2019					
Amount of EPI	Co-processing	2,670	5,080	17,413					
Amount of oily wastes	Co-processing/burning	41,991	253,771	1,358,630					
Amount of fluorescent lamps	Decontamination/recycling	4,248	2.94	5.73					
Amount of stationary batteries	Recycling/sale	19,860	151,040	6,930					
Batteries	Decontamination/recycling	6,930	3,589	0					

Note 1: Wastes shown in this table have wastes Declaration in order to comply with current legislation - INEA Operational Standard NOP 35, published on 03/13/2018. **Note 2:** The substantial variation in the reported amounts is due to the continuous improvement in the company's processes and, consequently, in data collection.

TOTAL OF DIRECT (SCOPE 1) AND INDIRECT (SCOPE 2) ISSUANCE OF GEE, BY WEIGHT, IN TONS OF CO ₂ EQ [GRI 305-1, GRI 305-2]							
Operating unit	2017	2018	2019				
Light Energia (direct)	4,449	10,769	4,464				
Light Energia (indirect)	4,058	3,873	3,139				
Light SESA (direct)	7,728	7,707	9,465				
Light SESA (indirect)	221,046	168,490	207,589				
Total Light (direct)	12,177	18,476	13,929				
Total Light (indirect)	225,104	172,363	210,728				

Note 1: In 2018 some parameters in the calculation method for emissions related to solid waste were modified, resulting in a significant increase in Light Energia's direct emissions. The year 2018 has been set as the baseline for comparison. **Note 2:** The years 2017 and 2018 were revised to remove the effect of Light ESCO, a company that is no longer part of the Light Group in 2019.

TOTAL OF WORKERS BY EMPLOYMENT TYPE, LABOR AGREEMENT AND REGION [GRI 102-8]												
Labor Agreement	2017 2018								2019			
	Grande Rio	Interior	SP	Total G	rande Rio	Interior	SP	Total G	rande Rio	Interior	SP	Total
Contract for determined period	34	13	0	47	47	11	0	58	122	13	0	135
Contract for undetermined period	3,466	545	6	4,017	4,008	637	9	4,654	4,391	652	8	5,051
Total	3,500	558	6	4,064	4,055	648	9	4,712	4,513	665	8	5,186

Note: All employees are full time.

TOTAL OF OUR EMPLOYEES BY GENDER AND REGION [GRI 102-8]

			2017			2018			2019
Region	Female	Male	Total	Female	Male	Total	Female	Male	Total
Grande Rio	939	2,561	3,500	1,001	3,054	4,055	1,041	3,472	4,513
Interior	60	498	558	56	592	648	61	604	665
São Paulo	1	5	6	0	9	9	1	7	8
Total	1,000	3,064	4,064	1,057	3,655	4,712	1,103	4,083	5,186

NUMBER OF EMPLOYEES BASED ON GEOGRAPHIC LOCATION AND ACTIVITY PERFORMED - LIGHT SA [GRI 102-8]

Position Nature				2017				2018				2019
	Grande Rio	Interior	SP	Total	Grande Rio	Interior	SP	Total	Grande Rio	Interior	SP	Total
Administrative	668	53	0	721	727	41	0	768	759	42	0	801
Management	192	11	0	203	202	12	0	214	188	9	0	197
Operational	1,150	286	0	1,436	1,591	379	0	1,970	1,985	389	0	2,374
Professional	650	25	2	677	667	25	3	695	694	29	3	726
Technical	840	183	4	1,027	868	191	6	1,065	887	196	5	1,088
Total	3,500	558	6	4,064	4,055	648	9	4,712	4,513	665	8	5,186

N° OF DISMISSAL BY GENDER, AGE AND REGION [GRI 401-1]

Region Gender 2017 2018	2019
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Age Group

					Total				Total				Total
		< 30	> 50	30-50	General	< 30	> 50	30-50	General	< 30	> 50	30-50	General
Grande Rio	F	32	38	91	161	29	7	56	92	59	76	12	147
	M	56	117	173	346	54	29	107	190	84	143	51	278
Grande Rio Tota	al	88	155	264	507	83	36	163	282	143	219	63	425
Interior	F	3	2	1	6	8	0	0	8	1	1		2
	M	3	24	15	42	7	7	10	24	3	6	7	16
Interior Total		6	26	16	48	15	7	10	32	4	7	7	18
São Paulo	F	1	0	0	1	0	0	0	0				
	M	0	0	0	0	0	0	0	0		1		1
São Paulo Total		1	0	0	1	0	0	0	0	0	1	0	1
General Total		95	181	280	556	98	43	173	314	147	227	70	444

TURNOVER RATE BY GENDER, AGE AND REGION [GRI 401-1]

Region Gender	2017	2018	2019
---------------	------	------	------

Age Group

													3
		<30	>50	30-50	General Total	<30	>50	30-50	General Total	<30	>50	30-50	General Total
Grande Rio	F	13%	49%	15%	17%	10%	8%	9%	9%	19%	12%	11%	14%
	M	9%	37%	11%	13%	8%	8%	5%	6%	10%	7%	11%	8%
Grande Rio Tota	al	10%	39%	12%	14%	8%	8%	6%	7 %	12%	8%	11%	9%
Interior	F	14%	100%	3%	10%	50%	0%	0%	14%	5%	3%	0%	3%
	M	3%	25%	5%	8%	5%	7%	3%	4%	2%	2%	6%	3%
Interior Total		4%	27%	5%	9%	9%	7 %	3%	5%	3%	2%	6%	3%
São Paulo	F	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
	M	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	14%
São Paulo Total		100%	0%	0%	17%	0%	0%	0%	0%	0%	17 %	0%	13%
Total General		9%	37%	11%	14%	9%	7 %	6%	7%	11%	7 %	10%	9%

^{*} FORMULA = Number of terminations in the year / Workforce in previous period (use the number of employees in tens, separated by region and gender, to calculate the percentage).

RATE OF WORK RETURN AND RETENTION AFTER A MATERNITY/PATERNITY LEAVE, INDICATED BY GENDER [GRI 401-3]

			Employees who	Employees who remained		Retention of
	Employees with	Employees who	returned to work after	employees 12 months	Rate of work	employees who
2019	leave right (unit)	took leave (unit)	taking leave (unit)	after their return (unit)	return (%)	took leave (%)
Female	1,103	46	45	45	98%	98%
Male	4,083	128	128	127	100%	99%
Total	5,186	174	173	172	-	-

PROPORTION OF BASE SALARIES BETWEEN MEN AND WOMEN (%), BY EMPLOYEE CATEGORY [GRI 405-2]

Average Male Salary / Average Female Salary

2017	2018	2019
104%	108%	107%
110%	120%	113%
115%	112%	110%
123%	122%	123%
108%	107%	111%
	104% 110% 115% 123%	104% 108% 110% 120% 115% 112% 123% 122%

Local de Trabalho	Number of Employees	Minimum Base Salary (R\$)
Av. Mal Floriano, 168	1,524	1,263
R. Frei Caneca, 363	869	1,305
Estr. do Tindiba	229	1,305
Cascadura	515	1,218
Barra do Piraí	155	1,263
Nova Iguaçu	388	1,553

TOTAL OUTSOURCED EMPLOYEES, BY EMPLOYMENT TYPE, LABOR AGREEMENT, GENDER AND REGION [GRI 102-8]										
			2017			2018			2019	
Region	Female	Male	Total	Female	Male	Total	Female	Male	Total	
Grande Rio	489	6,833	7,322	440	7,076	7,516	1,096	5,960	7,056	
Interior	18	391	409	17	328	345	24	337	361	
São Paulo	0	0	0	0	0	0	0	0	0	
Total	507	7,224	7,731	457	7,404	7,861	1,120	6,297	7,417	

Note: Full-time with indefinite employment agreements.

NUMBER OF OUTSOURCED BY GROUPS BASED ON ACTIVITY PERFORMED AND GEOGRAPHIC LOCATION [GRI 10	2-8]

			2017			2018			2019
Region	Grande Rio	Interior	Total	Grande Rio	Interior	Total	Grande Rio	Interior	Total
Maintenance, cleaning, safety and conservation	405	15	420	498	21	519	398	15	413
Other management activities (core business)	4,832	393	5,225	4,859	324	5,183	4,632	346	4,978
Other management activities (core business)	2,086	0	2,086	2,159	0	2,159	2,026	0	2,026
Sales, promotion, and marketing	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Total	7,323	408	7,731	7,516	345	7,861	7,056	361	7,417

Note 1: Contractor and subcontractor employees involved in construction, operation and maintenance activities are dedicated to these activities during the working hours established in their employment contracts. [GRI EU17] Note 2: Security-related activities are entirely outsourced. Light requires a complete training program, including training on the principles of human rights as set out in our Code of Ethics. [GRI 410-1]

AVERAGE HOURS OF OUR EMPLOYEES TRAINING [GRI 404-1]

		2017		2018		2019
Average training staff-hour	Female	Male	Female	Male	Female	Male
Administrative level	19.9	19.8	13.8	13.2	12.3	12.1
Management level	45.6	49.6	31.4	35.3	19.1	23.5
Operational level	29.3	57.7	39.5	62.7	36.8	51.0
Professional level	22.7	28.4	18.5	25.1	14.7	20.2
Technical level	43.1	50.7	44.9	39.4	30.4	32.2
Average	32.1	41.2	29.6	35.1	22.6	27.8
General Average		42.7	4	4.7	30	6.7

TYPICAL OCCURRENCES WITH REMOVAL REGISTERED IN THE LAST THREE YEARS - CONTRACTED WORKERS [GRI 403-2]

					2017					2018					2019
Workers	Wit	th death	Withou	ıt death	Total	Wit	th death	Withou	ut death	Total	Wit	th death	Withou	ut death	Total
contracted	<u>Female</u>	Male	Female	Male	_	Female	Male	Female	Male	_	Female	Male	Female	Male	
Occurrences	0	2	0	33	35	0	0	0	28	28	0	0	01	34	35

RATE OF GENERAL ABSENTEEISM (OUR EMPLOYEES) BY MEDICAL LEAVES BASED ON REGION [GRI 403-2]

		2017		2018		2019
Region	Female	Male	Female	Male	Female	Male
Grande Rio	2.25	1.75	2.00	1.60	3.90	2.63
Interior	2.74	1.12	2.23	0.66	0.63	1.98

TOTAL NUMBER OF NON-COMPLIANCE CASES RELATED TO THE IMPACTS CAUSED IN THE HEALTH AND SAFETY AND ARISING JUDICIAL CLAIMS [GRI 416-2, GRI EU25]

	2017	2018	2019
Number total of accidents without death with the population	20	17	10
Number total of accidents with death with the population	8	7	8
Legal claims arising from accidents with the population - General Litigation Base	397	379	405

OCCURRENCES REGISTERED IN THE LAST THREE YEARS - EMPLOYEES OF LIGHT GROUP – AMOUNT BY REGION [GRI 403-2]

	Gr	ande Rio		Interior	Gr	ande Rio		Interior	Gr	ande Rio		Interior
	Female	Male										
Total of employees		2,584	59	489	1,001	3,064	56	591	1,042	3,479	61	604
Number of employees who	1	12	0	0	2	21	0	2	2	45	1	10
suffer accident - Typical	ı	12	0	0	Z	21	0	3	Z	45	ı	10
Days lost	4	490	0	0	19	357	0	71	60	1,138	32	721
Days deducted	0	6,000	0	0	0	0	0	0	0	0	0	0
Deaths - Typical	0	1	0	0	0	0	0	0	0	0	0	0
Number of employees who	15	21	0	0	10	21	0	4	16	20	1	2
suffer accident - Transfer	15	21	0	0	18	31	0	4	16	39	ı	3
Death - Transfer	0	0	0	0	0	0	0	1	0	0	0	0

2018

2019

2017

Region			Adı	minist	ration			M	lanage	ment				Ope	ration			F	Profes	sional				Tech	nica
-																							Time l	ead (y	ears
	ν •	Between 5 - 10	> 10	Retirees	Total general	v V	Between 5 - 10	> 10	Retirees	Total general	N	Between 5 - 10	> 10	Retirees	Total general	ın V	Between 5 - 10	> 10	Retirees	Total general	N	Between 5 - 10	> 10	Retirees	Total general
Grande Rio (%)	0.5	0.2	15.6	0.5	16.8	0.1	0.0	4.0	0.1	4.2	0.9	0.2	42.5	0.4	44.0	0.6	0.2	13.8	0.8	15.4	0.1	0.2	18.8	0.6	19.7
Interior (%)	0.3	0.3	5.6	0.2	6.3	0.0	0.0	1.4	0.0	1.4	2.1	0.9	54.9	0.6	58.5	0.3	0.2	3.8	0.2	4.4	0.5	0.8	26.3	2.0	29.5
São Paulo (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5	0.0	37.5	0.0	0.0	62.5	0.0	62.5

^{*}Formula = Number of retirable employees by region and time remaining / Total by region

COMPOSITION OF THE GROUPS RESPONSIBLE BY CORPORATE GOVERNANCE AND DISCRIMINATION OF EMPLOYEES BY CATEGORY, ACCORDING TO GENDER, AGE GROUP, MINORITIES AND OTHER DIVERSITY INDICATORS - 2019 [GRI 405-1]

Race			Adminis	strative _					Mana	gement _					Ор	eration		
		l	Female _			Male		I	Female _			Male			Female _			Male
	< 30	30 - 50	> 50	< 30	30 - 50	> 50	< 30	30 - 50	> 50	< 30	30 - 50	> 50	< 30	30 - 50	> 50	< 30	30 - 50	> 50
Asian	4	6	0	0	3	0	0	1	0	0	3	0	1	1	0	17	18	1
White	70	127	30	52	63	24	1	26	4	2	91	18	12	30	2	187	361	65
Indigenous	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	2	8	1
Brown	61	86	10	33	38	21	0	4	1	1	25	2	32	34	3	282	663	76
Black	42	40	5	15	26	3	0	2	1	1	4	0	11	20	2	145	263	21
Not informed	3	6	6	0	1	24	0	2	0	0	4	3	3	1	1	21	27	63
Total	180	266	51	100	131	73	1	36	6	4	127	23	59	86	8	654	1,340	227

Race					Pro	fessional						<u>Technical</u>
			<u>Female</u>			Male			Female			Male
	< 30	30 - 50	> 50	< 30	30 - 50	> 50	< 30	30 - 50	> 50	< 30	30 - 50	> 50
Asian	1	5	0	0	3	0	1	0	0	4	8	1
White	28	136	27	35	172	60	16	25	2	72	278	81
Indigenous	0	1	0	0	3	1	0	0	0	0	3	1
Brown	19	56	10	19	62	10	10	20	0	59	277	54
Black	3	20	1	6	16	3	7	8	1	20	89	14
Not informed	1	6	4	3	6	9	1	0	1	2	18	15
Total	52	224	42	63	262	83	35	53	4	157	673	166

COMPENSATION POLICY OF BOARD OF DIRECTORS, EXECUTIVE BOARD, AND FISCAL COUNCIL IN % [GRI 102-35]

Board of directors	Statutory Executive Board	Fiscal Council	Total
100.0	50.3	100.0	57.4
83.3	33.6	83.3	40.8
	5.5		4.7
16.7	11.2	16.7	11.9
	24.0		20.5
	19.5		16.7
	4.5		3.8
	2.5		2.2
	11.2		9.6
	12.0		10.3
100.0	100.0	100.0	100.0
	100.0 83.3	100.0 50.3 83.3 33.6 5.5 16.7 11.2 24.0 19.5 4.5 2.5 11.2 12.0	100.0 50.3 100.0 83.3 33.6 83.3 5.5 16.7 24.0 19.5 19.5 4.5 2.5 11.2 11.2 12.0

COMPENSATION OF THE BOARD OF DIRECTORS, FISCAL COUNCIL AND EXECUTIVE BOARD PAID BY THE COMPANY [GRI 102-35]

Year of 2019 – Total Performed Compensation

	Board of directors	Statutory Executive Board	Fiscal Council	Total
N° total of members	12.58	6.92	7.58	27.08
Number of paid members	11.08	6.92	6.42	24.42
Annual fixed compensation	2,931,364.57	10,949,680.41	783,304.86	14,664,349.84
Salary or fees	2,442,803.99	7,317,391.01	652,754.10	10,412,949.10
Direct and indirect benefits	0	1,198,659.09	0	1,198,659.09
Participation in committees	0	0	0	0
Others	488,560.58	2,433,630.31	130,550.76	3,052,741.65
Description of other fixed compensations	Refers to social charges	Refers to social charges	Refers to social charges	-
Variable compensation	0	5,228,775.43	0	5,228,775.43
Bonus	0	4,253,210.17	0	4,253,210.17
Profit sharing	0	0	0	0
Participation in meetings	0	0	0	0
Commissions	0	0	0	0
Others	0	975,565.26	0	975,565.26
Description of other variable compensations		Refers to social charges		
Post-employment	0	552,745.91	0	552,745.91
Cessation of position	0	2,453,020.43	0	2,453,020.43
Stock based (inclusive options)	0	2,625,785.50	0	2,625,785.50
Note:	The number of members of this	The number of members of this	The number of members of this	
	body is equivalent to the annual	body is equivalent to the annual	body is equivalent to the annual	
	average of the number of members	average of the number of members	average of the number of members	
	of the body calculated each month,	of the body calculated each month,	of the body calculated each month,	
	as instructed by the CVM.	as instructed by the CVM.	as instructed by the CVM.	
	Calculation memory: 151.00/12=12.58	Calculation memory: 83/12=6.92	Calculation memory: 91/12=7.58	
Total of compensation	2,931,364.57	21,810,007.68	783,304.86	25,524,677.11

SPENDING PROPORTION WITH S	SUPPLIERS BY STATE AN	D KIND [GRI 204-1]					
			2017		2018		2019
State		Amount	% spending	Amount	% spending	Amount	% spending
Rio de Janeiro		830	44	694	50	694	47
São Paulo		440	33	381	27	415	27
Paraná		35	9	29	8	34	8
Minas Gerais		81	6	79	7	87	7
Santa Catarina		26	2	30	2	28	2
Others		90	6	93	6	115	8
Total Material		589	34	565	29	591	29
Total Service		913	66	741	71	782	71
Total General		1,502	100	1,306	100	1,373	100
FINES AND SANCTIONS RELATE	ED TO THE SERVICE PROV	/ISION, IN R\$ THOUS	SAND [GRI 419-1]				
			2017		2018		2019
Financial Remuneration DIC/FIC/DM	IC/DICRI		26,980		29,374		37,109
Regulatory fines			5,777		0		33,492
Payment of credit for breach of term of commercial services			504		1,804		598
Total			33,188		31,178		71,199
PROVISIONS FOR TAX, CIVIL, LA	AROR AND REGIII ATORY	A BISKS IN BE THOU					
TROVISIONS FOR TAX, CIVIL, L	ABON AND REGOLATON	raisks, in hy inou	21.31.20	19			12.31.2018
TOTAL OF PROVISIONS	Provision	Success fees	То	tal	Provision	Success fees	Tota
Labor	120,914	428	121,3	42	143,789	574	144,363
Civil	198,658	91,650	290,3	08	165,360	74,766	240,126

240,126 CIVII 198,658 91,050 290,308 105,300 /4,/66 55,783 28,643 84,426 53,411 29,387 82,798 Tax Regulatory 47,124 47,124 8,957 8,957 **Total** 422,479 120,721 371,517 104,727 476,244 543,200

Note 1: The company has legal, administrative, tax, labor, civil and regulatory proceedings in several procedural instances. Management periodically reassesses the contingency risks related to these processes and, based on the opinion of its legal advisors, constitutes a provision for risks, which chances of unfavorable outcome are deemed as probable and which amounts may be quantified.

Note 2: The variation in item of line provisions for tax, civil, labor and regulatory risks occurred mainly due to the recognition of provision related to ANEEL's Assessment Notice, as detailed in our Notes.

Note 3: In 2019, five ACP's (Public Civil Actions) were filed. All non-confidential and relevant legal, administrative or arbitration proceedings are detailed in section 4.3 of our Reference Form.

GENERATED AND DISTRIBUTED DIRECT ECONOMIC VALUE [GRI 201-1]		
		Consolidate
ADDED VALUE STATEMENTS (in R\$ Thousand)	2019	201
Revenues	18,549,454	17,753,75
Sales of goods, products and services	17,586,139	17,527,44
Recovery of PIS and COFINS credits on ICMS	1,086,462	
Revenues for construction of own assets	726,368	661,036
Provision expected for credits of doubtful debts	(849,515)	(434,724
Inputs acquired from third-parties	(8,966,731)	(8,236,266)
Cost of sold products, goods, and services	(7,485,763)	(6,924,108)
Material, energy, outsourced services and other	(1,480,968)	(1,312,158)
Gross added value	9,582,723	9,517,486
Withholdings	(530,020)	(486,769)
Depreciation and amortization	(530,020)	(486,769
Net added value generated	9,052,703	9,030,717
Added value transferred from others	1,767,384	488,194
Financial income	1,767,384	488,194
Total added value to be distributed	10,820,087	9,518,911
Distribution of added value	10,820,087	9,518,911
Personnel	381,705	356,714
Direct compensation	258,318	252,632
Benefits	91,221	76,410
FGTS	28,539	24,610
Others	3,627	3,062
Taxes, rates, and contributions	8,253,282	7,993,146
Federal	3,836,517	3,626,492
State	4,406,084	4,352,302
Municipal	10,681	14,352
Compensation of third-parties' capital	1,031,742	1,092,342
Interest	961,412	1,035,117
Rents	70,330	57,225
Compensation of our capital	1,153,358	76,709
Dividends	273,923	18,219
Retained profits	879,435	58,490

9) Quotas

10) Wind

10) Eólicas

ENERGY PURCHASE Energy purchase 2017 2018 2019 1) Itaipu 29,932 29,204 29,214 2) Initial Agreements 5,090 4,645 4,610 3) Bilateral Agreements 0 0 0 3.1) With third-parties 6,351 6,351 6,352 3.2) With related parties 6,351 6,351 6,352 4) Auction 0 0 0 5) PROINFA 0 0 0 6) CCEAR (Hydraulic + thermal) 498 496 459 7) Mechanism for offsetting excess and deficits (MCSD) 7,917 8,354 9,324 8) Angra (Electronuclear) 1,486 1,846 1,218

868

7,523

200

868

256

6,645

866

999

6,384

Note: In 2019, Light sold 942 GWh in the spot market, totaling a required energy of 28,271 GWh.

MARKET			
Total of distributed energy (GWh)	2017	2018	2019
Classes / Total	28,505	28,034	27,658
Residential	9,239	8,600	8,414
Industrial	4,960	5,169	4,977
Commercial	8,106	7,775	7,874
Rural	63	63	55
Public Authorities	1,336	1,393	1,483
Public Lighting	689	802	825
Public Service	1,455	1,447	1,499
Our Consumption	117	120	116
Concessionaires	2,539	2,666	2,415

Classes / Total 19,673 18,455 Residential 9,239 8,600 Industrial 779 697 Commercial 6,259 5,598 Rural 63 63 Public Authorities 1,336 1,393 Public Lighting 689 802 Public Service 1,191 1,183 Our Consumption 117 120 Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,472 2,077 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	
Industrial 779 697 Commercial 6,259 5,598 Rural 63 63 Public Authorities 1,336 1,393 Public Lighting 689 802 Public Service 1,191 1,183 Our Consumption 117 120 Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	17,986
Commercial 6,259 5,598 Rural 63 63 Public Authorities 1,336 1,393 Public Lighting 689 802 Public Service 1,191 1,183 Our Consumption 117 120 Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	8,414
Rural 63 63 Public Authorities 1,336 1,393 Public Lighting 689 802 Public Service 1,191 1,183 Our Consumption 117 120 Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	569
Public Authorities 1,336 1,393 Public Lighting 689 802 Public Service 1,191 1,183 Our Consumption 117 120 Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	5,496
Public Lighting 689 802 Public Service 1,191 1,183 Our Consumption 117 120 Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	55
Public Service 1,191 1,183 Our Consumption 117 2018 Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	1,483
Our Consumption 117 120 Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	825
Free Energy (GWh) 2017 2018 Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	1,028
Classes / Total 6,292 6,913 Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	116
Industrial 4,181 4,472 Commercial 1,847 2,177 Public Service 264 264 Energy concessionaires (GWh) 2017 2018	2019
Commercial1,8472,177Public Service264264Energy concessionaires (GWh)20172018	7,257
Public Service 264 Energy concessionaires (GWh) 2017 2018	4,408
Energy concessionaires (GWh) 2017 2018	2,378
	471
Consessioneiros 2.555	2019
Concessionaires 2,539 2,666	2,415
Participation % of the classes in the total distributed energy 2017 2018	2019
Residential 32.41% 30.68%	30.42%
Low Income Residential 1.86% 1.66%	1.64%
Industrial 17.40% 18.44%	17.99%
Commercial 28.44% 27.73%	28.47%
Rural 0.22% 0.22%	0.20%
Public Authorities 4.69% 4.97%	5.36%
Public Lighting 2.42% 2.86%	2.98%
Public Service 5.11% 5.16%	5.42%
Our Consumption 0.41% 0.43%	0.42%
Concessionaires 8.91% 9.51%	8.73%

Note: 2017 and 2018 values were changed due to the revision of the invoiced energy values.

Public Service 1,675 1,702 1,722 Our Consumption 460 455 452 Number of free consumers (*) [GRI EU3] 2017 2018 2019 Classes / Total 601 752 971 Industrial 104 130 165 Commercial 491 616 794 Public Service 6 6 6 12 (*) amount of connections per customer Number of concessionaires 2017 2018 2019 Concessionaires 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602	Number of active agreements in December of each year – captive consumers [GRI EU3]	2017	2018	2019
Industrial 10,137 10,191 9,959 Commercial 320,332 327,021 329,735 Rural 12,172 12,335 8,799 Public Authorities 12,004 12,124 12,062 Public Lighting 17,005 17,002 17,222 Public Service 1,675 1,702 17,222 Our Consumption 460 455 452 Number of free consumers (*) [GRI EU3] 201 201 Industrial 601 752 971 Industrial 104 130 165 Commercial 61 6 6 794 Public Service 6 6 794 201 <td< th=""><th>Classes / Total</th><th>4,380,116</th><th>4,433,703</th><th>4,422,818</th></td<>	Classes / Total	4,380,116	4,433,703	4,422,818
Commercial 320,33 327,02 329,35 Rural 12,17 12,33 8,79 Public Authorities 12,30 12,20	Residential	4,022,317	4,069,024	4,059,333
Rural 12,702 12,303 8,799 Public Authorities 12,304 12,214 12,006 Public Lighting 719 75 75 Public Service 1,675 1,702 1,722 Our Consumption 460 455 450 Number of free consumers (*) [GRI EU3] 201 201 201 Clauses/ Total 601 752 971 Industrial 101 31 155 Commercial 401 130 156 Commercial 6 6 70 201 Public Service 6 6 70 201 Commercial 6 6 70 201 Commercial 8 70 201 201 Concessionaires 201 201 201 Concessionaires 201 201 201 See of energy by installed capacity (GWh/MV4*No. hours/year) 201 201 201 Energy Sold by employee (MWh) 201 201 201 201 201 Mumber of consumers by employee </td <td>Industrial</td> <td>10,137</td> <td>10,191</td> <td>9,959</td>	Industrial	10,137	10,191	9,959
Public Authorities 12,314 12,016 Public Lighting 719 761 756 Public Service 1,675 1,702 1,722 Our Consumption 460 455 452 Number of free consumers (*) IGRI EU31 2017 2018 2019 Classes / Total 601 752 971 Industrial 104 130 165 Commercial 491 616 794 Public Service 491 616 794 Quantity of connectionsper customer 2017 2018 2019 Pumber of concessionaires 2017 2018 2019 Concessionaires 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No.hours/year) 2017 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 808	Commercial	320,332	327,021	329,735
Public Lighting 719 761 756 Public Service 1,675 1,702 1,722 Our Consumption 460 455 452 Number of free consumers (*) [GRI EU3] 2019 2019 2019 Classes / Total 601 752 971 Industrial 104 130 165 Commercial 491 616 794 Public Service 491 616 794 (*) amount of connections per customer 2017 2018 2019 Concessionaires 2017 2018 2019 Concessionaires 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 271 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Rural	12,172	12,335	8,799
Public Service 1,675 1,702 1,722 Our Consumption 460 455 452 Number of free consumers (*) [GRI EU3] 2019 2018 2019 Classes / Total 601 752 971 Industrial 104 130 165 Commercial 491 6 16 12 Public Service 2017 2018 2019 Vi amount of connections per customer 2017 2018 2019 Concessionaires 2017 2018 2019 Concessionaires 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2,71 2,66 2,63 Energy Sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Public Authorities	12,304	12,214	12,062
Our Consumption 460 455 452 Number of free consumers (*) [GRI EU3] 2017 2018 2019 Classes / Total 601 752 971 Industrial 104 130 165 Commercial 491 616 794 Public Service 6 6 6 12 (*) amount of connections per customer Number of concessionaires 2017 2018 2019 Concessionaires 3 3 4 General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Public Lighting	719	761	756
Number of free consumers (*) [GRI EU3] 2017 2018 2019 Classes / Total 601 752 971 Industrial 104 130 165 Commercial 491 616 794 Public Service 6 6 12 (*) amount of connections per customer 2017 2018 2019 Concessionaires 2017 2018 2019 Concessionaires 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Public Service	1,675	1,702	1,722
Classes / Total 601 752 971 Industrial 104 130 165 Commercial 491 616 794 Public Service 6 6 12 (*) amount of connections per customer 2017 2018 2019 Concessionaires 3 3 4 General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Our Consumption	460	455	452
Industrial 104 130 165 Commercial 491 616 794 Public Service 6 6 12 (*) amount of connections per customer Number of concessionaires 2017 2018 2019 Concessionaires 3 3 4 General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Number of free consumers (*) [GRI EU3]	2017	2018	2019
Commercial 491 616 794 Public Service 6 6 12 (*) amount of connections per customer 2017 2018 2019 Number of concessionaires 3 3 4 General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Classes / Total	601	752	971
Public Service 6 6 12 (*) amount of connections per customer Variable of concessionaires 2017 2018 2019 Mumber of concessionaires 3 3 4 General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Industrial	104	130	165
Kumber of concessionaires 2017 2018 2019 Concessionaires 3 3 4 General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Commercial	491	616	794
Number of concessionaires 2017 2018 2019 Concessionaires 3 3 4 General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Public Service	6	6	12
Concessionaires 3 3 4 General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	(*) amount of connections per customer			
General Data 2017 2018 2019 Sale of energy by installed capacity (GWh/MVA*No. hours/year) 2.71 2.66 2.63 Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	Number of concessionaires	2017	2018	2019
Sale of energy by installed capacity (GWh/MVA*No. hours/year) Energy sold by employee (MWh) Number of consumers by employee 1,139 2.66 2.63 5,602 896	Concessionaires	3	3	4
Energy sold by employee (MWh) 7,410 6,287 5,602 Number of consumers by employee 1,139 994 896	General Data	2017	2018	2019
Number of consumers by employee 896	Sale of energy by installed capacity (GWh/MVA*No. hours/year)	2.71	2.66	2.63
	Energy sold by employee (MWh)	7,410	6,287	5,602
Added value / GWh Sold 299,279 339,549 391,210	Number of consumers by employee	1,139	994	896
	Added value / GWh Sold	299,279	339,549	391,210

CONSUMERS

Excellence in customer service	2017	2018	2019
Call Center			
Incoming Calls (unit)	3,596,971	3,944,543	4,378,788
Average Number of Customer Service Clerks (unit)	63	77	81
INS - Service Level Index (%)	90.54	87.30	88.72
IAb - Abandonment Index (%)	0.49	0.57	0.39
ICO - Busy Calls Index (%)	0.21	0.16	0.63
TMA - Average Customer Service Time (s)	292	286	297
Indemnity for Electrical Damages			
Volume of Requests (unit)	7,360	8,030	8,434
Valid (unit)	1,832	304	215
Complaints Indicators (*)			
Valid Complaints (unit)	82,512	147,741	118,507
Equivalent Complaint Duration (DER) (hours) (**)	134.70	212.45	166.79
Equivalent Complaint Frequency for every thousand Consumer Units (FER) (unit) (**)	21.05	38.22	28.78
Breach of commercial services deadlines (In compliance with the effectiveness of this specific regulatory requirement - REN 414/2010)			
Customer services performed (unit)	940,492	1,159,835	1,110,616
Out-of-time customer services (unit)	32,817	43,153	15,567
Efficiency of Customer service (%)	96.5	96.5	98.6
Number of referred consumers complaints			
ANEEL – state/regional agencies	23,879	37,650	36,790
To the Company (excluding complaints regarding Energy Interruptions, Electrical Damage and Supply Voltage)	263,367	440,840	260,760
To the Court	83,391	103,838	101,984
To PROCON	1,095	1,081	755

(*) Excluding complaints for Supply Interruptions, Voltage Variation and Electrical Damage, which, according to REN 414/2010, should not be registered for DER and FER purposes, because they have rules and terms defined in specific regulations (**) Established in Normative Resolution 414/2010

Feed

Transportation

INTERNAL PUBLIC 2017 2018 General 2019 Total number of employees 3,847 4,459 4,937 Turnover rate (%) 13.5 14.3 14.3 Average overtime per employee/year (in hours) 164.8 164.9 133 Employees up to 30 years old (%) 28.8 28.2 29 Employees aged between 31 and 40 years (%) 39.5 39.3 38 Employees aged between 41 and 50 years (%) 20.2 20.8 21 Employees over 50 years of age (%) 11.4 11.7 11 Number of women in relation to the total of employees (%) 22.9 22 25.0 Women in management positions - in relation to the total of management positions (%) 23.1 21.5 22.5 Female black employees (black and brown) - in relation to the total of employees (%) 10.6 10.3 10.1 Black employees (black and brown) - in relation to the total of employees (%) 39.0 41.9 44.2 Black employees (black and brown) in management positions in relation to the total of management positions (%) 20.3 20.4 22 Trainees in relation to the total of employees (%) 1.7 1.1 0.9 Employees of the apprentice hiring program (%) 2.9 1.2 2.6 Employees with disabilities 190 193 181 **Compensation (R\$ Thousand)** Gross payroll 350,139 364,930 388,637 Mandatory social charges 68,590 78,411 61,863 **Total benefits (R\$ Thousand)** 899 870 Education 1,066

32,782

4,774

29,679

4,962

35,043

5,721

INTERNAL PUBLIC			
General Information	2017	2018	2019
Health	18,846	25,033	21,417
Foundation	7,210	7,367	6,307
Occupational Safety and Health	646	551	1,080
Culture	0	0	0
Capacity building and professional development	2,351	764	2,575
Day care units or day care assistances	1,206	1,371	988
Others	2,442	2,029	1,672
Profit sharing			
Total investment in profit sharing program (R\$ Thousand)	37,446	31,636	35,052
Amounts distributed in relation to gross payroll (%)	10.7	8.7	9.0
Division of the highest compensation by the lowest compensation in kind paid by the company (includes profit sharing and bonus)	66.5	48	48.0
Division of the company's lowest compensation by the current minimum salary (includes profit sharing and bonus program)	1.4	1.31	1.3
Compensation Profile by category - average salary (R\$)			
Management positions (superintendents, managers and coordinators)	14,350	14,651	16,160
Administrative positions	3,236	3,214	3,742
Production positions	2,843	2,690	2,767
Retirement preparation			
Number of beneficiaries by the supplementary social security program	3,633	4,217	4,586
Number of beneficiaries by the program of retirement preparation	0	0	0
Professional Development			
Education Profile (percentage in relation to total employees)			
Illiterate in the workforce (%)	0	0.0	0.0
Elementary school	3.64	4.2	3.5

INTERNAL PUBLIC			
General	2017	2018	2019
High school (%)	69.38	71.5	73.3
Higher education (%)	22.28	20.0	19.6
Graduation (specialization, master, doctorate) (%)	4.21	3.9	3.6
Amount invested in professional development and education (% of ROL)	0.02	0.01	0.02
Number of professional development hours per employee/year (HH), based on employee category			
Administrative level	19.8	13.6	12.3
Management level	48.7	35.0	22.8
Operational level	55.6	60.6	50.3
Professional level	25.7	21.9	17.7
Technical level	51.4	40.8	32.7
General	40.2	34.4	27.1
Labor Claims (our employees)			
Amount provisioned in liabilities for the period (R\$ Thousand)	53,915	56,807	45,289
Number of labor lawsuits against the company in the period (*)	183	64	68
Number of labor lawsuits deemed valid in the period (**)	133	130	140
Number of labor lawsuits deemed invalid in the period (**)	24	38	58
Total amounts of severance and fines paid by Court order for the period (R\$ thousand)	9,105	7,527	4,053
(*) New labor claims brought in the period by direct employees. (**) Active claims at period-end from direct employees.			
HEALTH AND SAFETY			
	2017	2018	2019

	2017	2018	2019
TF Index (frequency rate) total company in the period, for employees	1.52	2.58	5.08
TG Index (seriousness rate) total company in the period, for employees	757	41	167
TF Index (frequency rate) total company in the period, for outsourced/contracted	2.00	1.59	2.16
TG Index (seriousness rate) total company in the period, for outsourced/contracted	525	118	107
TF Index (frequency rate) total company in the period, for the workforce (our + third-parties)	1.82	1.96	3.35
TG Index (seriousness rate) total company in the period, for the workforce (our + third-parties)	611	90	131
Deaths - our employees	1	0	0
Deaths - outsourced	1	0	0

SUPPLIERS

	2017	2018	2019
Number of outsourced employees	7,204	7,418	7,007

Low income tariff [GRI 201-4]	2017	2018	2019
Number of low income households served	213,514	233,059	303,657
Total low income households in relation to total households served (residential clients/customers) (%)	6	7	8
Billing revenue in the low-income residential subclass (R\$ Thousand)	338,123	386,849	376,425
Total billing revenue in the low-income residential subclass according to the total billing revenue from residential class (%)	4.9	4.9	4.8
Subsidy received (Eletrobrás) related to low income consumers (R\$ thousand)	84,382	74,236	75,449
Company engagement in cultural, sports and other projects (Rouanet Law)	2017	2018	2019
Amount of funds allocated for cultural, sporting projects, etc. (Rouanet Law) (R\$ thousand)	0	0	0
Amount of funds allocated for mayor cultural, sporting projects, etc. (Rouanet Law) (R\$ thousand)	0	0	0
Company engagement with social action (Sponsorships - all companies)	2017	2018	2019
Funds invested in education (R\$ Thousand)	82	0	0
Funds invested in health and sanitation (R\$ Thousand)	0	0	0
Funds invested in culture (R\$ Thousand)	240	822	234
Funds invested in sports (R\$ Thousand)	270	138	0
Other funds invested in social actions (R\$ Thousand)	233	314	318
Employees who volunteer in the community outside the company/total of employees (%)	ND	ND	ND
Number of monthly hours donated (released from normal work hours) by the company for employee volunteer work	0	0	0

ENVIRONMENT

	2017	2018	2019
Isolated protected network (ecological network or green line) in the urban area (in km)	52,171	53,614	54,303
Percentage of isolated protected network/total distribution network in the urban area (%)	82	85	85
Annual volume of greenhouse gases (CO ₂ , CH ₄ , N ₂ O, HFC, PFC, SF6) emitted into the atmosphere (in tons of CO ₂ equivalent) - Scopes 1 and 2	228,774	176,197	217,054
Annual volume of ozone-depleting emissions (in tons of CFC equivalents)		Non-substant	tial amounts
Annual quantity (in tons) of solid wastes generated (garbage, waste, debris, etc.) (*)	5,296	581,354	12,475
Total energy consumption by source (in MWh)			
Fossil fuels	ND	ND	ND
Alternative sources (gas, wind energy, solar energy, etc.)	ND	ND	ND
Hydroelectric	ND	ND	ND
Total energy consumption (in MWh)	117,339	119,664	116,074
Energy consumption per kWh distributed (sold)	0.001	0.001	0.001
Total direct energy consumption indicated by primary energy source(MWh)			
Ethanol	56	52	29
Diesel	5,059	5,059	6,907
Natural Gas	0	0	0
Petrol	5,355	5,497	5,087
Total water consumption by the source (m³)			
Supply (public network)	129,155	119,578	129,340
Surface collection (water courses)	NA	NA	NA
Underground source (well)	NA	NA	NA
Total water consumption (m³)	129,155	119,578	129,340
Water consumption by employee (m³)	33.57	26.81	28.00
Number of employees trained in the environmental education programs	323	328	273
Employees trained in the environmental education programs / total of employees (%)	8.4	7.35	5.91
Number of environmental training hours of employees / total of training hours (%)	0.20	1.09	0.74
(#) C ' ' ' ' ' '			

^(*) Considering only wastes with Wastes Declaration.

RESEARCH AND DEVELOPMENT [GRI EU8]

		2017		2018		2019
	Amount		Amount		Amount	
Research topics (Research and Development Manual - ANEEL)	(R\$ thousand)	(%)	(R\$ thousand)	(%)	(R\$ thousand)	(%)
FA - Alternative sources of electric energy generation						
GT – Thermoelectric Generation						
GB - Basin and Reservoir Management						
MA - Environment						
SE - Safety	288	8.2				
EE - Energy Efficiency						
PL - Electric Energy Systems Planning	300	8.6				
OP - Electric Energy Systems Operation			1,342	6.7	578	2.3
SC - Supervision, Control and Protection of Electric Energy Systems			6,268	31.2	5,448	21.7
QC - Quality and Reliability of Electric Energy Services	418	12.0	1,949	9.7	3,120	12.5
MF - Measurement, Billing and fighting of commercial loss	2,047	58.6	8,357	41.7	10,455	41.7
OU - Other	441	12.6	2,143	10.7	5,458	21.8
Total	3,493	100.0	20,060	100.0	25,059	100.0

Note: in 2017, 2018 and 2019, in addition to the funds invested in the projects, R\$ 693 thousand, R\$ 693 thousand and R\$ 1,088 thousand were spent on the Management Project, respectively.

INIVIECTMENTS IN DOD	CLACCIFICATION OF DDOIECTC DV	INDION/ATION CHAIN CTACE
I INVESTIVIENTS IN K&D -	CLASSIFICATION OF PROJECTS BY	INNOVATION CHAIN STAGE

_		2017		2018		2019
Innovation chain stage	No. of projects	Investments (R\$ Thousand)	N° of projects	Investments (R\$ Thousand)	No. of projects	Investments (R\$ Thousand)
Directed Basic Research						
Applied Research	5	1,672	11	5,132	10	5,974
Experimental Development	2	464	15	8,217	20	14,613
Serial Head	4	1,357	5	3,810	6	2,652
Initial Batch			3	2,901	4	1,820
Entry in the Market			1		1	-
Total	11	3,493	35	20,060	41	25,059

		2016		2017	201			
Type of Concypted Dyodust	No of projects	Investments	No of projects	Investments (B\$ Thousand)	No of projects	Investments		
Type of Generated Product	No. of projects	(R\$ Thousand)	No. of projects	(R\$ Thousand)	No. of projects	(R\$ Thousand)		
Concept or Methodology	2	885	7	3,067	6	3,995		
Software	3	478	12	6,021	14	9,687		
System or Process	2	479	1	315	3	1,206		
Material or Substance			3	2,037	3	1,862		
Component or Device	2	674	7	4,920	7	3,601		
Machine or Equipment	2	978	5	3,700	8	4,707		
Total	11	3,493	35	20,060	41	25,059		

ENERGY EFFICIENCY PROGRAM [GRI EU7]

INVESTMENTS MADE (DISBURSEMENTS IN THE YEAR)

					2017				2018					2019
Project type	Inve	estment		Source of fu (R\$ thou		Inve	estment		Source of funding (R\$ thousand)		estment		ource of (R\$ th	funding ousand)
	Total (R\$ thousand)	(%)	Company	Third party	Customer	Total (R\$ thousand)	(%)	Company	Third party Customer	Total (R\$ thousand)	(%)	Company	Third party	Customer
Industrial														
Trade and services	1,679	7.79	1,634	17	27	949	3.7	860	89	3,870	8.66	2,883	30	957
Government	2,132	9.89	1,756		376	5,840	22.8	5,777	63	18,217	40.76	16,476	119	1,622
Public Utility														
Rural														
Residential	1,756	8.15	1,756			505	1.97	388	117					
Low-Income Residential	3,585	16.63	3,457		129	7,341	28.66	7,341		4,824	10.79	4,824		
Public Lighting										7,575	16.95	7,326	75	174
Municipal Energy Management														
Education	2,571	11.93	2,571			10,348	40.4	3,574	6,773	3,766	8.43	2,151	1,615	
EE management	672	3.12	672			633	2.47	633		629	1.41	629		
ABRADEE Campaign	1,185	5.5	1,185											
PROCEL (0.1 NOR)	7,973	36.99	7,973							5,811	13.00	5,811		
Total	21,553	100	21,003	17	532	25,615	100	18,573	7,042	44,692	100	40,100	1839	2,753

^(*) O recolhimento do PROCEL 2019 não consta na tabela, pois o valor de R\$ 9,920,092.26 será repassado ao PROCEL em 2020.

INVESTMENTS IN R&D - PROJECTS CLASSIFICATION BY TYPE OF GENERATED PRODUCT

ENERGY EFFICIENCY PROGRAM

RESULTS ACHIEVED (RELATED TO PROJECTS COMPLETED IN THE YEAR)

			2017			2018			2019
Type of Project	Units served	Energy saved (MWh/year)	Demand Reduction in the Edge (kW)	Units Served	Energy saved (MWh/year)	Demand Reduction in the Edge (kW)	Units Served	Energy saved (MWh/year)	Demand Reduction in the Edge (kW)
Industrial									
Trade and Services	6	1,415	246	5	983	233			
Public Authorities	43	1,336	127	53	1,407	173	10	5,072	764
Public Service									
Rural									
Residential	6,666	6,444	1,210	1	138	27			
Low Income Residential	19,929	6,797	1,443						
Public Lighting							1	893	170
Municipal Energy Management									
Educational				4					0
Total	26,644	15,991	3,027	63	2,528	432	11	5,965	934



Pacific Notes 1,305,327 1,315,287	GENERATED AND DISTRIBUTED DIRECT ECONOMIC VALUE [GRI 201-1]		
Revenues 1,305,927 1,315,227 Sales of goods, products and services 1,288,933 1,285,449 Revenues for construction of own assets 66,964 50,828 Imputs acquired from third-parties (594,717) (764,027) Cost of sold products, goods and services (706,389) (885,733) Material, energy, outsourced services and other (88,348) (77,498) Gross added value 711,209 51,216 With blodfing (85,588) (5,588) (5,084) Depreciation and amortization (88,348) (77,498) (5,084) Depreciation and amortization (85,588) (5,084) (5,084) Net added value generated 56,568 (3,084) (3,084) Redulty accounting result 4,667 (10,103) (3,084) Equity accounting result 4,667 (10,103) (3,093) (3,093) Discret compensation 3,512 (3,093) (3,093) (3,093) (3,093) (3,093) (3,093) (3,093) (3,093) (3,093) (3,093) (3,093) <			Consolidated
Sales of goods, products and services 1,238,968 1,238,968 1,258,449 2,58,838 2,58,838 1,238,968 1,238,968 5,8,838 5,8,838 1,238,968 5,8,838 5,8,838 1,238,969 5,8,838 5,9,838 1,238,969 3,8,7,74 7,40,407 7,40,407 7,40,407 7,40,809 3,50,209 3,51,216 7,40,809 3,51,216	ADDED VALUE STATEMENTS (in R\$ Thousand)	2019	2018
Revenues for construction of own assets 68,888 58,888 Injusts acquired from third-parties (58,471) (76,6071) Cost of sold products, goods and services (88,484) (77,488) Material, energy, outsourced services and other (88,348) (77,488) (77,488) Material, energy, outsourced services and other (88,348) (77,488)	Revenues	1,305,927	1,315,287
Inputs acquired from third-parties (594,717) (764,071) Cost of sold products, goods and services (506,369) (88,573) Matchil, energy, outsourced services and other (88,348) (77,488) Gross added value 711,200 551,216 Witchioldings (5,568) (54,044) Witchioldings (55,658) (54,044) Witchioldings (55,568) (54,044) Witchioldings (55,568) (54,044) Witchioldings (55,568) (54,044) Witchioldings (55,568) (54,044) Witchiolding and mortization (55,568) (58,048) Witchiolding and mortization (55,568) (58,048) Equity accounting result 7,009 (12,002) Disciplination of added value descriptions 7,009 52,093 Disciplination of added value 75,719 52,093 Disciplination of added value 75,719 1,009 Disciplination of added value 2,006 1,009 Others 2,006 1,000 Compensation of thi	Sales of goods, products and services	1,238,963	1,255,449
Cost of sold products, goods and services (506,369) (686,573) Material, energy, outsourced services and other (88,348) (77,488) Gross added value 711,209 551,216 Withholdings (56,568) (54,084) Deprediation and amortization (56,568) (54,084) Not added value generated 65,661 49,7132 Added value transferred from others 102,558 23,861 Financial income 97,891 135,964 Equity accounting result 4,667 (12,103) Total added value to be distributed 757,199 520,993 Personnel 20,318 1,556 Direct compensation 14,524 11,819 Benefits 3,612 3,536 FGTS 2,065 1,402 Others 235,047 2,056 Locks, races, and contributions 236,012 2,050 State 1,72 3,04 Mulcipal 3,94 1,077 Compensation of third-parties' capital 172,36 2,65,29 <	Revenues for construction of own assets	66,964	59,838
Material, energy, outsourced services and other (88,348) (77,488) Gross added value 711,209 551,216 Withfoldings (56,558) (54,048) Depredation and amortization (56,568) (54,048) Not added value generated 654,664 497,132 Added value transferred from others 102,558 2.8661 Financial income 97,891 35,954 Equity accounting result 4,667 (12,103) Total added value to be distributed 757,199 50,993 Personal 13,51 13,556 13,556 Direct compensation 14,524 14,524 14,524 Direct compensation 14,524 14,524 14,524 Others 2,061 14,524 14,524 Others 2,061 2,061 2,061 Ederial 2,061 2,061 2,061 State 2,07 2,07 2,07 State 2,07 2,07 2,07 Municipal 2,07 2,07 2,	Inputs acquired from third-parties	(594,717)	(764,071)
Gross added value 711,209 551,216 Withholdings (56,568) (54,084) Dependation and amortization (56,568) (54,084) Not added value generated (55,661) (39,7132) Added value transferred from others 102,558 23,861 Financial income 97,891 (112,103) Equity accounting result 4,667 (112,103) Total added value to be distributed 757,199 520,933 Personnel 757,199 520,933 Personnel 14,524 14,524 14,524 Benefits 3,612 3,539 14,524 14	Cost of sold products, goods and services	(506,369)	(686,573)
Withholdings (56,568) (54,084) Depreciation and amortization (56,568) (54,084) Net added value generated 654,641 497,132 Added value transferred from others 102,558 2,861 Financial income 97,891 33,964 Equity accounting result 4,667 (112,103) Iotal added value to be distributed 757,199 520,993 Distribution of added value 757,199 520,993 Personnel 14,524 14,810 Benefits 3,612 3,359 FGTS 2,065 14,02 Others 2,065 14,02 Others 2,065 14,02 Others 2,065 2,050 State 1 3,94 Mulcipal 964 1,017 Compensation of third-parties' capital 174,260 26,036 Interest 174,260 26,036 Compensation of third-parties' capital 1,026 3,036 Compensation of our capital 36,000 36,00	Material, energy, outsourced services and other	(88,348)	(77,498)
Depreciation and amortization (56,568) (54,084) Net added value generated 654,641 497,132 Added value transferred from others 102,558 23,861 Financial income 97,891 135,964 Equity accounting result 4,667 (112,103) Total added value to be distributed 757,199 520,993 Direct compensation 14,524 1,810 Benefits 3,612 3,859 FGTS 2,066 1,402 Others 2,066 1,402 Others 235,047 255,011 Federal 235,047 203,600 State 1 235,047 203,600 Municipal 142,249 1,010 203,800 Compensation of third-parties' capital 172,361 250,359 Rents 1,826 250,359 250,559 Compensation of our capital 36,001 36,001 36,001 Losses compensated 159,002 36,001 36,001	Gross added value	711,209	551,216
Net added value generated 654,641 497,152 Added value transferred from others 102,558 3,861 Financial income 97,891 135,964 Equity accounting result 4,667 (112,103) Total added value to be distributed 757,199 520,993 Personnel 20,318 14,524 Direct compensation 14,524 14,810 Benefits 3,612 3,559 Federal 2,066 1,402 Others 235,047 2,066 Staces, rates, and contributions 235,047 203,600 State 235,047 203,600 Municipal 74,260 200,305 Compensation of third-parties' capital 172,260 260,305 Rents 172,36 258,559 Rents 173,600 260,305 Compensation of our capital 172,600 260,305 Compensation of our capital 326,001 36,001 Compensation of our capital 326,001 36,001 Compensation of our capital	Withholdings	(56,568)	(54,084)
Added value transferred from others 102,558 23,861 Financial income 97,891 135,964 Equity accounting result 4,667 (112,103) Total added value to be distributed 757,199 520,993 Distribution of added value 757,199 520,993 Personnel 20,318 19,596 Direct compensation 14,524 14,810 Benefits 3,612 3,859 FGTS 2,066 1,402 Others 16 25 Taxes, rates, and contributions 235,041 205,011 Federal 235,047 205,001 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Rents 172,368 250,559 Rents 1,820 250,559 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Depreciation and amortization	(56,568)	(54,084)
Financial income 97,891 135,964 Equity accounting result 4,667 (121,03) Incompensation of added value 757,199 520,933 Personnel 20,318 19,596 Personnel 20,318 19,596 Benefits 3,612 3,599 FGTS 2,066 1,402 Others 116 25 Taxes, rates, and contributions 23,601 20,501 Federal 235,047 203,600 Municipal 96 1,017 Compensation of third-parties' capital 174,260 260,385 Rents 172,368 258,559 Rents 1,826 258,559 Compensation of our capital 326,601 36,001 Losses compensated 159,022 36,001	Net added value generated	654,641	497,132
Equity accounting result 4,667 (112,103) Total added value to be distributed 757,199 520,993 Personnel 20,318 19,596 Direct compensation 14,524 14,810 Benefits 3,612 3,359 FGTS 2,066 1,402 Others 116 255 Taxes, rates, and contributions 236,012 205,011 Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Rents 1,826 258,559 Rents 1,826 258,559 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Added value transferred from others	102,558	23,861
Total added value to be distributed 757,199 520,993 Distribution of added value 757,199 520,993 Personnel 20,318 19,596 Direct compensation 14,524 14,810 Benefits 2,062 1,402 Others 20,601 25,011 Eederal 235,017 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Interest 172,368 258,559 Rents 1,892 36,001 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Financial income	97,891	135,964
Distribution of added value 757,199 520,993 Personnel 20,318 19,596 Direct compensation 14,524 14,810 Benefits 3,612 3,359 FGTS 2,066 1,402 Others 116 25 Taxes, rates, and contributions 236,012 205,011 Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Interest 1,72,368 258,559 Rents 1,826 258,559 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Equity accounting result	4,667	(112,103)
Personnel 20,318 19,596 Direct compensation 14,524 14,810 Benefits 3,612 3,359 FGTS 2,066 1,402 Others 116 25 Taxes, rates, and contributions 236,012 205,011 Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 172,368 258,559 Rents 1,892 36,001 Compensation of our capital 326,001 36,001 Losses compensated 159,022 36,001	Total added value to be distributed	757,199	520,993
Direct compensation 14,524 14,810 Benefits 3,612 3,359 FGTS 2,066 1,402 Others 116 25 Taxes, rates, and contributions 236,012 205,011 Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Distribution of added value	757,199	520,993
Benefits 3,612 3,359 FGTS 2,066 1,402 Others 116 25 Taxes, rates, and contributions 236,012 205,011 Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 172,368 258,559 Rents 1,826 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Personnel	20,318	19,596
FGTS 2,066 1,402 Others 116 25 Taxes, rates, and contributions 236,012 205,011 Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Interest 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Direct compensation	14,524	14,810
Others 116 25 Taxes, rates, and contributions 236,012 205,011 Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Interest 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Benefits	3,612	3,359
Taxes, rates, and contributions 236,012 205,011 Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Interest 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	FGTS	2,066	1,402
Federal 235,047 203,600 State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Interest 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Others	116	25
State 1 394 Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Interest 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Taxes, rates, and contributions	236,012	205,011
Municipal 964 1,017 Compensation of third-parties' capital 174,260 260,385 Interest 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Federal	235,047	203,600
Compensation of third-parties' capital 174,260 260,385 Interest 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	State	1	394
Interest 172,368 258,559 Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Municipal	964	1,017
Rents 1,892 1,826 Compensation of our capital 326,609 36,001 Losses compensated 159,022 36,001	Compensation of third-parties' capital	174,260	260,385
Compensation of our capital Losses compensated 326,609 159,022 36,001	Interest	172,368	258,559
Losses compensated 36,001	Rents	1,892	1,826
	Compensation of our capital	326,609	36,001
Dividends -	Losses compensated	159,022	36,001
	Dividends	167,587	-

GENERATED ENERGY

	2017	<u> 2018</u>	2019
Total gross energy generated (GWh)	4,119	4,197	4,235
Total net energy generated (GWh)	3,403	3,499	3,517

Note: PCH Paracambi, which is owned by LightGer and in which Light holds 51% of the share capital, is not included.

INTERNAL PUBLIC			
General Information	2017	2018	2019
Number of our employees	182	220	219
Turnover rate (%)	10.8	12.3	4.3
Average overtime per employee/year (in hours)	103.7	164.4	93.9
Employees up to 30 years old (%)	30.8	31.4	30.6
Employees aged between 31 and 40 years (%)	25.8	29.5	31.5
Employees aged between 41 and 50 years (%)	14.8	14.1	12.8
Employees over 50 years of age (%)	28.6	25.0	25.1
Number of women in relation to the total of employees (%)	12.6	10.0	9.6
Women in management positions - in relation to the total of management positions (%)	0.0	0.0	0.0
Female black employees (black and brown) - in relation to the total of employees (%)	2.8	1.8	1.8
Black employees (black and brown) - in relation to the total of employees (%)	25.8	30.5	30.1
Black employees (black and brown) in management positions in relation to the total of management positions (%)	0.0	0.0	10.0
Trainees in relation to the total of employees (%)	3.9	3.2	2.3
Employees of the apprentice hiring program (%)	1.1	1.4	1.8
Employees with disabilities (%)	3	6	5
Compensation (R\$ Thousand)			
Gross payroll	23,930	23,930	24,839
Mandatory social charges	4,316	6,083	5,279

Education	80	25	119
Feed	1,454	1,718	1,87
Transportation	18	41	5
Health	534	1,072	1,15
Foundation	415	477	492
Occupational safety and health	0	0	
Culture	0	0	(
Training and professional development	0	0	(
Day care units or day care assistances	11	9	
Others:	26	37	30
Profit sharing			
Total investment in profit sharing program (R\$ Thousand)	1,472	2,549	1,864
Amounts distributed in relation to gross payroll (%)	6.2	10.7	7.5
Division of the highest compensation by the lowest compensation in kind paid by the company (includes profit sharing and bonus)	26.5	23.63	39.2
Division of the company's lowest compensation by the current minimum salary (includes profit sharing and bonus program)	1.6	1.81	1.0
Compensation Profile per categories - average salary (R\$)			
Management positions (superintendents, managers and coordinators) – R\$	16,510	17,520	19,59
Administrative positions - R\$	3,916	4,165	4,43
Production positions - R\$	4,717	4,308	4,69
Retirement preparation			
Number of beneficiaries by the supplementary social security program	166	204	20
Number of beneficiaries by the program of retirement preparation	0	0	
Professional Development Professional Development			
Education Profile (percentage in relation to total employees)			
Illiterate in the workforce (%)	0.0	0.0	0.0
Elementary school (%)	5.5	4.5	3.7
High school (%)	57.7	61.8	63.
Higher education (%)	30.2	27.7	28.
Graduation (specialization, master, doctorate) (%)	6.0	5.5	5.0
Amount invested in professional development and education (% of ROL)	0.01	0.002	0.00
Number of professional development hours per employee/year (HH), by employee category			
Administrative level	7,6	9,7	9,0
Management level	42,1	22,2	13,2
Operational level	16,1	80,3	38,2
Professional level	31,4	26,8	24,0
Technical level	38,8	30,3	26,
General	27,2	33,8	22,
Labor Claims			
Amount provisioned in liabilities (R\$ Thousand)	1.925	4.309	1.42
Number of labor lawsuits against the company in the period	6	3	4
Number of labor lawsuits deemed valid in the period	2	3	4
Number of labor lawsuits deemed invalid in the period	0	1	(
Total amounts of severance and fines paid by Court order for the period (R\$ thousand)	233	175	40

HEALTH AND SAFETY			
	2017	2018	2019
TF Index (frequency rate) total company in the period, for employees	0	1.86	3.81
TG Index (seriousness rate) total company in the period, for employees	0	91	209
TF Index (frequency rate) total company in the period, for outsourced/contracted	5.25	1.99	0
TG Index (seriousness rate) total company in the period, for outsourced/contracted	5,292	6	0
TF Index (frequency rate) total company in the period, for the workforce (our + third-parties)	3.86	1.95	1.58
TG Index (seriousness rate) total company in the period, for the workforce (our + third-parties)	3,894	35.67	87
Deaths - our employees	0	0	0
Deaths - outsourced	1	0	0
SUPPLIERS			
	2017	2018	2019
Number of Employees	527	443	410
ENVIRONMENT			
	2017	2018	2019
Annual volume of greenhouse gases (CO2, CH4, N2O, HFC, PFC, SF6) emitted into the atmosphere (in tons of CO2 equivalent) - Scopes 1 and 2	8,507	14,642	7,603
Annual volume of ozone-depleting emissions	١	Non-substantia	al amounts
Annual quantity (in tons) of solid wastes generated (garbage, waste, debris, etc.)	4,211	4,784	5,273
Amount of wastes contaminated by designated PCB	0	0	0
Total energy consumption by source (in kWh)			
Fossil fuels	ND	ND	ND
Alternative sources (gas, wind energy, solar energy, etc.)	ND	ND	ND
Hydroelectric	ND	ND	ND
Total energy consumption (in MWh)	187	192	236
Total direct energy consumption indicated by electric energy source (in MWh)			
Ethanol	0.25	0.68	0.13
Diesel	141	154	190
Natural gas	0	0	0
Petrol	158	195	210
Total water consumption by the source (m³)			
Supply (public network)	6,110	5,897	6,020
Surface collection (water courses)	NA	NA	NA
Underground source (well)	NA	NA	NA
Total water consumption	6,110	5,897	6,020
Water consumption by employee	33.57	26.81	28.00
Electric energy consumption of generation and auxiliary units (maximum consumption in MWh defined per hydroelectric plant)	757,882	678,471	719,374
Water consumption per kWh generated (maximum outflow consumption - m³/s - per kWh delivered)	7.81	7.81	7.81
Restoration of riparian forest (ha)	50.64	35.87	77.87
Rescue of fish in turbines (kg of fish per machine stop)	ND	ND	ND
Fish restocking (amount of fry released in reservoirs per year)	ND	ND	ND
Release of sanitary effluents without treatment, and leakage of lubricating and hydraulic oils in the turbines (ton/year)	ND	ND	ND
Number of employees trained in the environmental education programs	10	96	13
Percentage of employees trained in the environmental education programs / total of employees (%)	5.49	43.64	6.05
Number of environmental training hours of employees / total of training hours	0.16	12.31	0.59

RESEARCH AND DEVELOPMENT [GRI EU8]

		2017		2018		2019
	Amount (R\$		Amount (R\$		Amount (R\$	
Research topics (Research and Development Manual - ANEEL)	thousand)	(%)	thousand)	(%)	thousand)	(%)
FA - Alternative sources of electric energy generation	94	3.8				
GT - Thermoelectric Generation						
GB - Basin and Reservoir Management	1,121	45.4	946	30.0	1,259	43.0
MA - Environment	172	7.0	287	9.1	607	20.8
SE - Safety						
EE - Energy Efficiency						
PL - Electric Energy Systems Planning						
OP - Electric Energy Systems Operation	889	36.0	549	17.4		
SC - Supervision, Control and Protection of Electric Energy Systems	194	7.8	618	19.6	218	7.5
QC - Quality and Reliability of Electric Energy Services					43	1.5
MF - Measurement, Billing and fighting of commercial loss						
OU - Other			751	23.8	798	27.3
Total	2,471	100.0	3,152	100.0	2,926	100.0

Note: in 2017, 2018 e 2019, in addition to project expenditure, R\$ 56 thousand, R\$ 10 thousand and R\$ 54 thousand were invested in our Management Project. Respectively

INVESTMENTS IN R&D -	CLASSIFICATION OF PROJ	JECTS BY INNOVATION CHAIN STAG	iΕ
	CEASSII ICAIION OI I NOS	SECIS DI INNOVALION CHAIN SIAG	

	2017		2018		2019	
Innovation chain stage	Number of projects	Investments (R\$ thousand)	Number of projects	Investments (R\$ thousand)	Number of projects	Investments (R\$ thousand)
Directed Basic Research						
Applied Research	3	267	3	1,140	2	1,823
Experimental Development	2	1,315	2	1,462	4	1,103
Serial Head	1	889	1	549		
Initial Batch						
Entry in the Market						
Total	6	2,471	6	3,152	6	2,926

INVESTMENTS IN R&D - PROJECTS CLASSIFICATION BY GENERATED PRODUCT TYPE

	2017			2018	2019	
Type of generated product	Number of projects	Investments (R\$ thousand)	Number of projects	Investments (R\$ thousand)	Number of projects	Investments (R\$ thousand)
Concept or methodology	3	267	2	389	1	1,025
Software					1	607
System or Process	3	2,203	4	2,763	4	1,294
Material or Substance						
Component or Device						
Machine or Equipment						
Total	6	2,471	6	3,152	6	2,926

LIGHT S.A.						
			2019			2018
1 - Base of calculation		Value (Tho	ousand Reais)		Value (Tho	ousand Reais)
Net revenue (RL)			13,389,567			11,970,547
Result operational (RO)			1,325,701			1,047,569
Gross payroll (FPB)			429,819			403,239
	Amount			Amount		
2 - Internal Social Indicators	(R\$ Thousand)	% on FPB	% on RL	(R\$ Thousand)	% on FPB	% on RL
Feed	31,746	7%	0%	37,075	9%	0%
Mandatory social charges	68,711	16%	1%	86,065	21%	1%
Private social security	7,080	2%	0%	8,097	2%	0%
Health	22,728	5%	0%	26,372	7%	0%
Safety and health at work	1,065	0%	0%	552	0%	0%
Education	1,066	0%	0%	844	0%	0%
Culture	0	0%	0%	0	0%	0%
Capacity building and professional development	2,700	1%	0%	1,853	0%	0%
Day care units or day care assistance	1,034	0%	0%	1,417	0%	0%
Profit or results sharing	36,916	9%	0%	35,468	9%	0%
Others	6,740	2%	0%	7,867	2%	0%
Total - Internal social indicators	179,786	42%	1%	205,610	51 %	2%
	Amount			Amount		
3- External Social Indicators	(R\$ Thousand)	% on RO	% on RL	(R\$ Thousand)	% on RO	% on RL
Education	2,156	0%	0%	4,307	0%	0%
Culture	36,089	3%	0%	6,664	1%	0%
Health and sanitation	0	0%	0%	8	0%	0%
Sports	1,021	0%	0%	950	0%	0%
Fighting hunger, and food safety	0	0%	0%	0	0%	0%
Others	58,577	4%	0%	37,704	4%	0%
Total contribution to society	97,843	7 %	1%	49,632	5%	0%
Taxes (excluding social charges)	6,687,274	504%	50%	6,259,817	598%	52%
Total - external social indicators	6,785,117	512 %	51%	6,309,449	602%	53%

	Amount			Amount		
4 - Environmental Indicators	(R\$ Thousand)	% on RO	% on RL	(R\$ Thousand)	% on RO	% on RL
Investments related with the company operation	33,214	3%	0%	40,224	4%	0%
Investments in external programs and/or projects	0	0%	0%	0	0%	0%
Total of environmental investments	33,214	3%	0%	40,224	4%	0%
As for the establishment of "annual goals" to minimize wastes, the consumption in general in the production/operation and to increase the efficiency in the use of natural funds, the company:	 () has no goals () complies with 51 to 7 () complies with 0 to 50 (X) complies with 76 to 7 	0%		 () has no goals () complies with 51 to 5 () complies with 0 to 5 (X) complies with 76 to 5 	0%	
5 - Personnel Indicators			2019			2018
N° of employees in the end of the period			5,186			4,712
No. of hiring during the period			918			965
N° of outsourced employees			7,417			7,861
N° of trainees			55			57
No. of employees over 45 years old			1,014			970
No. of women working for the company			1,103			1,057
% of leadership positions held by women			22%			21%
No. of black individuals working for the company			2,757			2,406
% of leadership positions held by black individuals			21%			21%
No. of individuals with disabilities or special needs			186			199

6. Material information regarding the

exercise of the corporate citizenship 2019 **Goals 2020** Highest/lowest compensation ratio in the company 49.25 ND Number total of labor accidents 56 0 () direction () direction Social and environmental projects developed (X) direction and management (X) direction and management by the company were defined per: () all the employees () all the employees () direction and management () direction and management Safety and health standards in the work () all the employees () all the employees environment were defined per: (X) all of them + Cipa (X) all of them + Cipa () do not get involved () will not get involved As for freedom of union membership, right to collective bargain, (X) follow the OIT rules (X) will follow the OIT rules and internal representation of workers, the company: () stimulate and follow the OIT () will stimulate and follow the OIT () direction () direction () direction and management () direction and management The private social security includes: (X) all the employees (X) all the employees () direction () direction Profits or results sharing includes: () direction and management () direction and management (X) all the employees (X) all the employees () are not considered () will not be considered In selecting suppliers, the same ethical and social () are suggested () will be suggested responsibility standards adopted by the company: (X) will be required (X) are required () do not get involved () will not get involved In case of employees' participation in volunteer () will support () support work programs, the company: (X) organize and stimulate (X) will organize and stimulate in the company: 260,761 in the company: Reduce 10% Total number of complaints and criticisms from consumers: in Procon: 755 in Procon: Reduce 10% in the Court: 101,984 in the Court: Reduce 10% in the company: 100% in the company: 96.54% % of complaints and criticisms attended or resolved: in Procon: 100% in Procon: 100% in the Court: 100% in the Court: 54.7% Total added value to be distributed (in Thousand R\$): Em 2019: 11,480,791 Em 2018: 10,232,687 81.29% government 74.12% government 3.69% employees 3.86% employees 00.00% shareholders 2.75% shareholders Distribution of added value (DVA) 10.63% third-parties 13.24% third-parties 8.81% retained 1.62% retained

7. Other information

^{*}Operating result does not include equity income results

1.88se of calculation 1.98se of calculation	LIGHT SESA						
Passe of calculation Passe of calculation				2019			2018
Gross payroll (FPB) 1,015,719 659,24 Gross payroll (FPB) 388,637 Amount (R\$ Thousand) 388,637 Amount (R\$ Thousand) Mon RE Mon RE Amount (R\$ Thousand) Mon RE Mon RE Amount (R\$ Thousand) Mon RE Mon R	1 - Base of calculation		Value (Tho			Value (Tho	
Gross payroll (FPB) ABOUNT (RS Thousand) (RS T	Result operational (RO)			11,912,106			10,334,019
No. Professional development Professional	Gross payroll (FPB)			1,015,719			659,246
	Gross payroll (FPB)			388,637			364,930
Feed 29,679 8% 0% 35,043 10% 0.03 Mandatory social charges 61,863 16% 1% 78,411 21% 119 Private social security 6,307 2% 0% 7,367 2% 0% Health 21,417 6% 0% 25,033 7% 0% Safety and health at work 1,080 0% 0% 5511 0% 0% Education 1,066 0% 0% 870 0% 0% Culture 0 0% 0% 764 0% 0% Capacity building and professional development 2,575 1% 0% 764 0% 0% Day care units or day care assistance 98 0% 0% 1,371 0% 0% Day care units or sharing 35,052 9% 0% 1,371 0% 0% Other 66,633 2% 0% 7,751 2% 0% Total - Internal so		Amount			Amount		
Mandatory social charges 61,863 16% 1% 78,411 21% 19 Private social security 6,307 2% 0% 7,367 2% 0% Health 21,417 6% 0% 25,033 7% 0% Safety and health at work 1,086 0% 0% 551 0% 0% Education 1,066 0% 0% 870 0% 0% Culture 0 0% 0% 764 0% 0% Capacity building and professional development 2,575 1% 0% 764 0% 0% Day care units or day care assistance 988 0% 0% 1,371 0% 0% Other or sults sharing 35,052 9% 0% 7,751 2% 0% Other 6,633 2% 0% 7,751 2% 0% Total - Internal social indicators 166,661 43% 1% 188,796 52% 2%	2 - Internal Social Indicators	(R\$ Thousand)	% on FPB	% on RL	(R\$ Thousand)	% on FPB	% on RL
Private social security 6,307 2% 0% 7,367 2% 0% Health 21,417 6% 0% 25,033 7% 0% Safety and health at work 1,080 0% 0% 551 0% 0% Education 1,066 0% 0% 870 0% 0% Culture 0 0% 0% 0 0% 0% Capacity building and professional development 2,575 1% 0% 764 0% 0% Day care units or day care assistance 988 0% 0% 1,371 0% 0% Profit or results sharing 35,052 9% 0% 31,636 9% 0% Other 6,633 2% 0% 7,751 2% 0% Total - Internal social indicators 166,661 43% 1% 188,796 52% 2% Education 2,156 0% 0% on RI (85 Thousand) % on RI (85 Thousand) <td< td=""><td>Feed</td><td>29,679</td><td>8%</td><td>0%</td><td>35,043</td><td>10%</td><td>0%</td></td<>	Feed	29,679	8%	0%	35,043	10%	0%
Helalth 21,417 6% 0% 25,033 7% 0.0% Safety and health at work 1,080 0% 0% 551 0% 0% Education 1,066 0% 0% 870 0% 0% Culture 0 0% 0% 764 0% 0% Capacity building and professional development 2,575 1% 0% 764 0% 0% Day care units or day care assistance 988 0% 0% 1,371 0% 0% Day care units or day care assistance 988 0% 0% 1,371 0% 0% Day care units or day care assistance 988 0% 0% 1,371 0% 0% Day care units or day care assistance 988 0% 0% 31,636 9% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	Mandatory social charges	61,863	16%	1%	78,411	21%	1%
Safety and health at work 1,080 0% 0% 551 0% 0% Education 1,066 0% 0% 870 0% 0% Culture 0 0% 0% 0% 0% 0% Capacity building and professional development 2,575 1% 0% 764 0% 0% Day care units or day care assistance 988 0% 0% 1,371 0% 0% Profit or results sharing 35,052 9% 0% 31,636 9% 0% Other 6,633 2% 0% 7,751 2% 0% Total - Internal social indicators 166,661 43% 1% 188,796 52% 2% Amount Amount Amount Amount 48 1% on RI (R\$ Thousand) % on RI R\$ Thousand % on RI 188,796 52% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2%	Private social security	6,307	2%	0%	7,367	2%	0%
Education 1,066 0% 0% 870 0% 0% Culture 0 0% 0% 0 0%	Health	21,417	6%	0%	25,033	7%	0%
Culture 0 0% 0% 0 0% 0% Capacity building and professional development 2,575 1% 0% 764 0% 0% Day care units or day care assistance 988 0% 0% 1,371 0% 0% Profit or results sharing 35,052 9% 0% 31,636 9% 0% Other 6,633 2% 0% 7,751 2% 0% Total - Internal social indicators 166,661 43% 1% 188,796 52% 2% Amount Amount Amount Amount Amount Amount CRITICAL STATE STAT	Safety and health at work	1,080	0%	0%	551	0%	0%
Capacity building and professional development 2,575 1% 0% 764 0% 0.00 Day care units or day care assistance 988 0% 0% 1,371 0% 0% Profit or results sharing 35,052 9% 0% 31,636 9% 0% Other 6,633 2% 0% 7,751 2% 0% Total - Internal social indicators 166,661 43% 1% 188,796 52% 2% Amount Amount Amount Amount Amount Amount Amount Clusterenal Social Indicators (R\$ Thousand) % on RO	Education	1,066	0%	0%	870	0%	0%
Day care units or day care assistance 988 0% 0% 1,371 0% 0% Profit or results sharing 35,052 9% 0% 31,636 9% 0% Other 6,633 2% 0% 7,751 2% 0% Total - Internal social indicators 166,661 43% 1% 188,796 52% 2% Amount Amount Street Indicators (R\$ Thousand) % on RO % on RU (R\$ Thousand) % on RO % on RU % o	Culture	0	0%	0%	0	0%	0%
Profit or results sharing 35,052 9% 0% 31,636 9% 0% Other 6,633 2% 0% 7,751 2% 0% Total - Internal social indicators 166,661 43% 1% 188,796 52% 29 Amount Amount 3 - External Social Indicators (R\$ Thousand) % on RL (R\$ Thousand) % on RD % on RD Education 2,156 0% 0% 4,289 1% 09 Culture 34,984 3% 0% 5,430 1% 09 Sports 1,021 0% 0% 830 0% 0% Sports 1,021 0% 0% 830 0% 0% Sports 1,021 0% 0% 35,681 5% 0% Other 58,577 6% 0% 35,681 5% 0% Total contribution to society 96,738 10% 1% 46,229 7% 0% <td>Capacity building and professional development</td> <td>2,575</td> <td>1%</td> <td>0%</td> <td>764</td> <td>0%</td> <td>0%</td>	Capacity building and professional development	2,575	1%	0%	764	0%	0%
Other 6,633 2% 0% 7,751 2% 0.9 Total - Internal social indicators 166,661 43% 1% 188,796 52% 29 Amount Amount 3 - External Social Indicators (R\$ Thousand) % on RO % on RL (R\$ Thousand) % on RO % on RD Education 2,156 0% 0% 4,289 1% 0% Culture 34,984 3% 0% 5,430 1% 0% Health and sanitation 0 0% 0% 830 0% 0% Sports 1,021 0% 0% 830 0% 0% Fighting hunger, and food safety 0 0% 0% 35,681 5% 0% Other 58,577 6% 0% 35,681 5% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 58	Day care units or day care assistance	988	0%	0%	1,371	0%	0%
Total - Internal social indicators 166,661 43% 1% 188,796 52% 29 Amount Amount 3 - External Social Indicators (R\$ Thousand) % on RO % on RL (R\$ Thousand) % on RO	Profit or results sharing	35,052	9%	0%	31,636	9%	0%
Amount 3 - External Social Indicators Amount (R\$ Thousand) % on RO % on RL (R\$ Thousand) % on RO % on RO Education 2,156 0% 0% 4,289 1% 0% Culture 34,984 3% 0% 5,430 1% 0% Health and sanitation 0 0% 0% 0 0% 0% Sports 1,021 0% 0% 830 0% 0% Fighting hunger, and food safety 0 0% 0% 0% 0% 0% Other 58,577 6% 0% 35,681 5% 0% Total contribution to society 96,738 10% 1% 46,229 7% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 58	Other	6,633	2%	0%	7,751	2%	0%
3 - External Social Indicators (R\$ Thousand) % on RO % on RL (R\$ Thousand) % on RO % on RO Education 2,156 0% 0% 4,289 1% 0% Culture 34,984 3% 0% 5,430 1% 0% Health and sanitation 0 0% 0% 0 0% 0% Sports 1,021 0% 0% 830 0% 0% Fighting hunger, and food safety 0 0% 0% 0% 0% 0% Other 58,577 6% 0% 35,681 5% 0% Total contribution to society 96,738 10% 1% 46,229 7% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 58	Total - Internal social indicators	166,661	43%	1%	188,796	52 %	2%
Education 2,156 0% 0% 4,289 1% 0% Culture 34,984 3% 0% 5,430 1% 0% Health and sanitation 0 0% 0% 0 0% 0% Sports 1,021 0% 0% 830 0% 0% Fighting hunger, and food safety 0 0% 0% 0 0% 0% Other 58,577 6% 0% 35,681 5% 0% Total contribution to society 96,738 10% 1% 46,229 7% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 58		Amount			Amount		
Culture 34,984 3% 0% 5,430 1% 0% Health and sanitation 0 0% 0% 0 0 0% Sports 1,021 0% 0% 830 0% 0% Fighting hunger, and food safety 0 0% 0% 0% 0 0% 0% Other 58,577 6% 0% 35,681 5% 0% Total contribution to society 96,738 10% 1% 46,229 7% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 589	3 - External Social Indicators	(R\$ Thousand)	% on RO	% on RL	(R\$ Thousand)	% on RO	% on RL
Health and sanitation 0 0% 0% 0 0% 0% Sports 1,021 0% 0% 830 0% 0% Fighting hunger, and food safety 0 0% 0% 0 0% 0% Other 58,577 6% 0% 35,681 5% 0% Total contribution to society 96,738 10% 1% 46,229 7% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 589	Education	2,156	0%	0%	4,289	1%	0%
Sports 1,021 0% 0% 830 0% 0% Fighting hunger, and food safety 0 0% 0% 0 0% 0% Other 58,577 6% 0% 35,681 5% 0% Total contribution to society 96,738 10% 1% 46,229 7% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 589	Culture	34,984	3%	0%	5,430	1%	0%
Fighting hunger, and food safety Other 58,577 6% 0% 35,681 5% 6% Total contribution to society Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 589	Health and sanitation	0	0%	0%	0	0%	0%
Other 58,577 6% 0% 35,681 5% 0% Total contribution to society 96,738 10% 1% 46,229 7% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 589	Sports	1,021	0%	0%	830	0%	0%
Total contribution to society 96,738 10% 1% 46,229 7% 0% Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 58%	Fighting hunger, and food safety	0	0%	0%	0	0%	0%
Taxes (excluding social charges) 6,487,297 639% 54% 5,975,423 906% 58%	Other	58,577	6%	0%	35,681	5%	0%
	Total contribution to society	96,738	10%	1%	46,229	7%	0%
Total - External social indicators 6,584,035 648% 55% 6,021,652 913% 58%	Taxes (excluding social charges)	6,487,297	639%	54%	5,975,423	906%	58%
	Total - External social indicators	6,584,035	648%	55%	6,021,652	913%	58%

	Amount			Amount		
4 - Environmental Indicators	(R\$ Thousand)	% on RO	% on RL	(R\$ Thousand)	% on RO	% on RL
Investments related with the company operation	21,886	2%	0%	32,705	5%	0%
Investments in external programs and/or projects	0	0%	0%	0	0%	0%
Total of environmental investments	21,886	2%	0%	32,705	5%	0%
As for the establishment of "annual goals" to minimize wastes, the consumption in general in the production/operation and to increase the efficiency in the use of natural funds, the company:	 () has no goals () complies with 51 () complies with 0 (X) complies with 76 	to 50%		 () has no goals () complies with 51 () complies with 0 (X) complies with 76 	to 50%	
5 - Personnel Indicators			2019			2018
N° of employees in the end of the period			4,937			4,459
No. of hiring during the period			902			914
N° of outsourced employees			7,007			7,418
N° of trainees			49			49
No. of employees over 45 years old			937			886
No. of women working for the company			1,065			1,019
% of leadership positions held by women			22%			21%
No. of black individuals working for the company			2,681			2,329
% of leadership positions held by black individuals			22%			23%
No. of individuals with disabilities or special needs			181			193

6. Material information regarding the exercise of the corporate citizenship

Goals 2020 2019 Highest/lowest compensation ratio in the company 49.25 ND Number total of labor accidents 56 0 () direction () direction The social and environmental projects developed (X) direction and management (X) direction and management by the company were defined per: () all the employees () all the employees () direction and management () direction and management Safety and health standards in the work () all the employees () all the employees environment were defined per: (X) all of them + Cipa (X) all of them + Cipa () do not get involved () will not get involved As for freedom of union membership, right to collective bargain, (X) follow the OIT rules (X) will follow the OIT rules and internal representation of workers, the company: () stimulate and follow the OIT () will stimulate and follow the OIT () direction () direction The private social security includes: () direction and management () direction and management (X) all the employees (X) all the employees () direction () direction Profits or results sharing includes: () direction and management () direction and management (X) all the employees (X) all the employees () are not considered () will not be considered In selecting suppliers, the same ethical and social () will be suggested () are suggested responsibility standards adopted by the company: (X) are required (X) will be required () do not get involved () will not get involved In case of employees' participation in volunteer () will support () support work programs, the company: (X) organize and stimulate (X) will organize and stimulate in the company: Reduce 10% in the company: 260,761 Total number of complaints and criticisms from consumers: in Procon: 755 in Procon: Reduce 10% in the Court: Reduce 10% in the Court: 101,984 in the company: 96.54% in the company: 100% in Procon: 100% % of complaints and criticisms attended or resolved: in Procon: 100% in the Court: 54.7% in the Court: 100% Total added value to be distributed (in Thousand R\$): Em 2019: 10,820,087 **Em 2018:** 9,518,911 83.89% government 76.28% government 3.53% employees 4.04% employees 0.00% shareholders Distribution of added value (DVA) 2.53% shareholders 9.54%third-parties 10.98% third-parties 8.12% retained 1.09% retained 7. Other information

*None



1-base of calculation Value (Tube) Net reven (RI) 1,050,02 1,118,461 Result operational (RO) 1,850,02 485,02 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 2,500,000 2,500,000 1,500,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,700,000 4,500,000 1,500,000	LIGHT ENERGIA							
				2019			2018	
Separt S	1 - Base of calculation		Value (The	ousand Reais)		Value (Tho	ousand Reais)	
Gross payroll (FPB) Amount Amount 24,839 Amount Amount Amount Amount Amount Amount Amount Amount Amount<	Net revenue (RL)			1,098,020			1,118,461	
2-Internal Social Indicators Amount (RS Thousand) % on FPB	Result operational (RO)			485,026			332,008	
2-Internal Social Indicators (RS Thousand) % on FPB % on RI (RS Thousand) % on RI Feed 1.876 8% 0% 1.718 7% 0% Mandatory Social charges 5.279 21% 0% 6,083 25% 1% Private Social Security 492 2.2% 0% 477 2% 0% Health 1,158 5% 0% 1,072 4% 0% Safety and health at work 0 0% 0% 1,072 4% 0% Education 119 0% 0% 25 0% 0% Culture 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0% 0% Day care units or day care assistance 3 0% 0% 0 0 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% <td>Gross payroll (FPB)</td> <td></td> <td></td> <td>24,839</td> <td></td> <td></td> <td>23,930</td>	Gross payroll (FPB)			24,839			23,930	
Feed 1,876 8% 0% 1,718 7% 0% Mandatory social charges 5,279 21% 0% 6,083 25% 1% Private social security 492 2% 0% 477 2% 0% Sefety and health at work 10 0% 0% 1,072 4% 0% Education 119 0% 0% 0 0 0% Culture 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0%		Amount			Amount			
Mandatory social charges 5,279 21% 0% 6,083 25% 1% Private social security 492 2% 0% 477 2% 0% Health 1,158 5% 0% 1,072 4% 0% Safety and health at work 0 0 0 0 0 0% Education 119 0 0 0 0 0 0% Culture 0 0 0 0 0 0 0 0% Capacity building and professional development 0	2 - Internal Social Indicators	(R\$ Thousand)	% on FPB	% on RL	(R\$ Thousand)	% on FPB	% on RL	
Private social security 492 2% 0% 477 2% 0% Health 1,158 5% 0% 1,072 4% 0% Safety and health at work 0 0% 0% 0 0% 0% Education 119 0% 0% 0 0% 0% Culture 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0% 0% 0% 0% Day care units or day care assistance 3 0% 0% 0 0%	Feed	1,876	8%	0%	1,718	7%	0%	
Helaith 1,158 5% 0% 1,072 4% 0% Safety and health at work 0 0% 0% 0 0% 0% Education 119 0% 0% 0.25 0% 0% Culture 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0% 0% Day care units or day care assistance 3 0% 0% 0 0 0% Profit or results sharing 1,864 8% 0% 2,549 11% 0% Other 80 0% 0% 195 1% 0% Other 1,857 44% 1% 1,212 51% 1% Texterial Social Indicators 18,257 44% 0% 0 1,257 1% 0 Education (85 Thousand) 6,078 0% 0 0 0 0 0 0 0 </td <td>Mandatory social charges</td> <td>5,279</td> <td>21%</td> <td>0%</td> <td>6,083</td> <td>25%</td> <td>1%</td>	Mandatory social charges	5,279	21%	0%	6,083	25%	1%	
Safety and health at work 0 0% 0% 0% 0% Education 119 0% 0% 25 0% 0% Culture 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0% 0% Day care units or day care assistance 3 0% 0% 0 0% 0% Profit or results sharing 1,864 8% 0% 2,549 11% 0% Other 80 0% 0% 12,129 5% 1% Total - Internal social indicators 10,872 44% 1% 12,129 5% 1% Education (RS Thousand) 6 on the 7 on the 1% on the 1% 0% 0	Private social security	492	2%	0%	477	2%	0%	
Education 119 0% 0% 25 0% 0% Culture 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0% 0% Day care units or day care assistance 3 0% 0% 9 0% 0% Profit or results sharing 1,864 8% 0% 2,549 11% 0% Other 80 0 0% 195 1% 0% Total - Internal social indicators 10,872 44% 1% 12,129 51% 1% 2 - External Social Indicators (R\$ Thousand) No RCI (R\$ Thousand) 0	Health	1,158	5%	0%	1,072	4%	0%	
Culture 0 0% 0% 0 0% 0% Capacity building and professional development 0 0% 0% 0 0% 0% Day care units or day care assistance 3 0% 0% 9 0% 0% Profit or results sharing 1,864 8% 0% 2,549 11% 0% Other 80 0% 0% 195 1% 0% Total - Internal social indicators 10,872 44% 1% 12,129 51% 1% A result Amount Amount <td c<="" td=""><td>Safety and health at work</td><td>0</td><td>0%</td><td>0%</td><td>0</td><td>0%</td><td>0%</td></td>	<td>Safety and health at work</td> <td>0</td> <td>0%</td> <td>0%</td> <td>0</td> <td>0%</td> <td>0%</td>	Safety and health at work	0	0%	0%	0	0%	0%
Capacity building and professional development 0 0% 0% 0% 0% Day care units or day care assistance 3 0% 0% 9 0% 0% Profit or results sharing 1,864 8% 0% 2,549 11% 0% Other 80 0% 0% 195 1% 0% Total - Internal social indicators 10,872 44% 1% 12,129 51% 1% Amount	Education	119	0%	0%	25	0%	0%	
Day care units or day care assistance 3 0% 0% 9 0% 0% Profit or results sharing 1,864 8% 0% 2,549 11% 0% Other 80 0% 0% 195 1% 0% Total - Internal social indicators 10,872 44% 1% 12,129 51% 1% Amount	Culture	0	0%	0%	0	0%	0%	
Profit or results sharing 1,864 8% 0% 2,549 11% 0% Other 80 0% 0% 195 1% 0% Total - Internal social indicators 10,872 44% 1% 12,129 51% 1% Amount Amount Charmont Charmont <th cols<="" td=""><td>Capacity building and professional development</td><td>0</td><td>0%</td><td>0%</td><td>0</td><td>0%</td><td>0%</td></th>	<td>Capacity building and professional development</td> <td>0</td> <td>0%</td> <td>0%</td> <td>0</td> <td>0%</td> <td>0%</td>	Capacity building and professional development	0	0%	0%	0	0%	0%
Other 80 0% 0% 195 1% 0% Total - Internal social indicators 10,872 44% 1% 12,129 51% 1% Amount Amount <th col<="" td=""><td>Day care units or day care assistance</td><td>3</td><td>0%</td><td>0%</td><td>9</td><td>0%</td><td>0%</td></th>	<td>Day care units or day care assistance</td> <td>3</td> <td>0%</td> <td>0%</td> <td>9</td> <td>0%</td> <td>0%</td>	Day care units or day care assistance	3	0%	0%	9	0%	0%
Amount Section Indicators Amount (R\$ Thousand) 44% 1% 12,129 51% 1% 3 - External Social Indicators (R\$ Thousand) % on RO % on RL (R\$ Thousand) % on RL Education 0 0% 0% 0 0% 0% Culture 0 0% 0% 0 0% 0% Health and sanitation 0 0% 0% 0 0% 0% Sports 0 0% 0% 0 0% 0% Fighting hunger, and food safety 0 0% 0% 0% 0% 0% Other 2,808 1% 0% 3,074 1% 0% Total contribution to society 2,808 1% 0% 3,074 1% 0% Taxes (excluding social charges) 183,277 38% 17% 154,057 46% 14%	Profit or results sharing	1,864	8%	0%	2,549	11%	0%	
3 - External Social Indicators (R\$ Thousand) % on RO % on RL (R\$ Thousand) % on RL Education 0 0% 0% 0 0 0% Culture 0 0% 0% 0 0 0% Health and sanitation 0 0% 0% 0 0% 0% Sports 0 0% 0% 0 0% 0% Fighting hunger, and food safety 0 0% 0% 0 0% 0% Other 2,808 1% 0% 3,074 1% 0% Total contribution to society 2,808 1% 0% 3,074 1% 0% Taxes (excluding social charges) 183,277 38% 17% 154,057 46% 14%	Other	80	0%	0%	195	1%	0%	
3 - External Social Indicators (R\$ Thousand) % on RO % on RI (R\$ Thousand) % on RI Education 0 0% 0% 0 0% 0% Culture 0 0% 0% 0 0% 0% Health and sanitation 0 0% 0% 0 0% 0% Sports 0 0% 0% 0 0% 0% Fighting hunger, and food safety 0 0% 0% 0 0% 0% Other 2,808 1% 0% 3,074 1% 0% Total contribution to society 2,808 1% 0% 3,074 1% 0% Taxes (excluding social charges) 183,277 38% 1% 154,057 46% 14%	Total - Internal social indicators	10,872	44%	1%	12,129	51%	1%	
Education 0 0% 0% 0 0% Culture 0 0% 0% 0 0% 0% Health and sanitation 0 0% 0% 0 0% 0% Sports 0 0% 0% 0 0% 0% Fighting hunger, and food safety 0 0% 0% 0 0% 0% Other 2,808 1% 0% 3,074 1% 0% Total contribution to society 2,808 1% 0% 3,074 1% 0% Taxes (excluding social charges) 183,277 38% 17% 154,057 46% 14%		Amount			Amount			
Culture 0 0% 0% 0 0% 0% Health and sanitation 0 0% 0% 0 0% 0% Sports 0 0% 0% 0 0% 0% Fighting hunger, and food safety 0 0% 0% 0 0% 0% Other 2,808 1% 0% 3,074 1% 0% Total contribution to society 2,808 1% 0% 3,074 1% 0% Taxes (excluding social charges) 183,277 38% 17% 154,057 46% 14%	3 - External Social Indicators	(R\$ Thousand)	% on RO	% on RL	(R\$ Thousand)	% on RO	% on RL	
Health and sanitation 0 0% 0% 0 0% 0% Sports 0 0% 0% 0 0% <	Education	0	0%	0%	0	0%	0%	
Sports 0 0% 0% 0 0% 0% Fighting hunger, and food safety 0 0% 0% 0 0 0% 0% Other 2,808 1% 0% 3,074 1% 0% Total contribution to society 2,808 1% 0% 3,074 1% 0% Taxes (excluding social charges) 183,277 38% 17% 154,057 46% 14%	Culture	0	0%	0%	0	0%	0%	
Fighting hunger, and food safety 0 0% 0% 0% 0 0% 0% 0% 0% 0% 0% 0% 0% 0%	Health and sanitation	0	0%	0%	0	0%	0%	
Other 2,808 1% 0% 3,074 1% 0% Total contribution to society 2,808 1% 0% 3,074 1% 0% Taxes (excluding social charges) 183,277 38% 17% 154,057 46% 14%	Sports	0	0%	0%	0	0%	0%	
Total contribution to society 2,808 1% 0% 3,074 1% 0% Taxes (excluding social charges) 183,277 38% 17% 154,057 46% 14%	Fighting hunger, and food safety	0	0%	0%	0	0%	0%	
Taxes (excluding social charges) 183,277 38% 17% 154,057 46% 14%	Other	2,808	1%	0%	3,074	1%	0%	
	Total contribution to society	2,808	1%	0%	3,074	1%	0%	
Total - External social indicators 186,085 38% 17% 157,131 47% 14%	Taxes (excluding social charges)	183,277	38%	17%	154,057	46%	14%	
	Total - External social indicators	186,085	38%	17%	157,131	47%	14%	

	Amount			Amount		
4 - Environmental Indicators	(R\$ Thousand)	% on RO	% on RL	(R\$ Thousand)	% on RO	% on RL
Investments related with the company operation	11,328	2%	1%	7,519	2%	1%
Investments in external programs and/or projects	0	0%	0%	0	0%	0%
Total of environmental investments	11,328	2%	1%	7,519	2%	1%
As for the establishment of "annual goals" to minimize wastes, the consumption in general in the production/operation and to increase the efficiency in the use of natural funds, the company:	() has no goals() complies with 51 to 7() complies with 0 to 50(X) complies with 76 to 1	0%		 () has no goals () complies with 51 to 7 () complies with 0 to 50 (X) complies with 76 to 7 	0%	
5 - Personnel Indicators			2019			2018
N° of employees in the end of the period			219			220
No. of hiring during the period			9			44
N° of outsourced employees			410			443
N° of trainees			5			7
No. of employees over 45 years old			72			78
No. of women working for the company			21			22
% of leadership positions held by women			0%			0%
No. of black individuals working for the company			70			71
% of leadership positions held by black individuals			10%			0%
No. of individuals with disabilities or special needs			5			6

6. Material information regarding the		
exercise of the corporate citizenship	2019	Goals 20

exercise of the corporate citizenship	2019	Goals 2020
Highest/lowest compensation ratio in the company	19.61	ND
Number total of labor accidents	2	0
The social and environmental projects developed	() direction	() direction
by the company were defined per:	(X) direction and management	(X) direction and management
by the company were defined per.	() all the employees	() all the employees
Safety and health standards in the work	() direction and management	() direction and management
environment were defined per:	() all the employees	() all the employees
anvironment were defined per.	(X) all of them + Cipa	(X) all of them + Cipa
As for freedom of union membership, right to collective bargain	() do not get involved	() will not get involved
As for freedom of union membership, right to collective bargain,	(X) follow the OIT rules	(X) will follow the OIT rules
and internal representation of workers, the company:	() stimulate and follow the OIT	() will stimulate and follow the OIT
	() direction	() direction
The private social security includes:	() direction and management	() direction and management
	(X) all the employees	(X) all the employees
	() direction	() direction
Profits or results sharing includes:	() direction and management	() direction and management
	(X) all the employees	(X) all the employees
	() are not considered	() will not be considered
In selecting suppliers, the same ethical and social	() are suggested	() will be suggested
responsibility standards adopted by the company:	(X) are required	(X) will be required
	() do not get involved	() will not get involved
In case of employees' participation in volunteer	() support	() will support
work programs, the company:	(X) organize and stimulate	(X) will organize and stimulate
	in the company: 260,761	in the company: Reduce 10%
Total number of complaints and criticisms from consumers:	in Procon: 755	in Procon: Reduce 10%
	in the Court: 101,984	in the Court: Reduce 10%
	in the company: 96.54%	in the company: 100%
% of complaints and criticisms attended or resolved:	in Procon: 100%	in Procon: 100%
	in the Court: 54.7%	in the Court: 100%
Total added value to be distributed (in Thousand R\$):	Em 2019: 757,200	Em 2018: 520,993
	31.17% government	39.35% government
	2.68% employees	3.76% employees
Distribution of added value (DVA)	22.13% shareholders	0.00% shareholders
	23.01% third-parties	49.98% third-parties
	21.01% loss compensation	6.91% retained
7. Other information		
*None		
Distribution of added value (DVA) 7. Other information *None	23.01% third-parties	49.98% third-parties

