SUSTAINABILITY KPIs[1] – 4Q19

Item	Dimension[2]	Index[3]	Material themes	GRI disclosure[4]	4Q19	4Q18	Change	12M19	12M18	Change
1	Quality	Operating plants	- Prioritization of renewable sources for energy generation - Emissions Managemen	102-7, EU1	60	41	19	60	41	19
2		Installed capacity		102-7, EU1	10,431	9,726	7.3%	10,431	9,726	7.3%
3		Proprietary capacity		102-7, EU1	8,711	8,005	8.8%	8,711	8,005	8.8%
4		Number of certified plants		102-16, EU6	12	12	0	12	12	0
5		Certified installed capacity (MW)		102-16, EU6	8,127	8,127	0.0%	8,127	8,127	0.0%
6		Certified installed capacity in relation to the total		102-16, EU6	77.9%	83.6%	-5.7 p.p.	77.9%	83.6%	-5.7 p.p.
7		Installed capacity from renewable sources		102-7, EU1	9,228	8,869	4.0%	9,228	8,869	4.0%
8		Installed capacity from renewable sources in relation to the total		102-7, EU1	88.5%	91.2%	-2.7 p.p.	88.5%	91.2%	-2.7 p.p.
9		Energy generation (GWh)		EU2	11,448	12,087	-5.3%	44,058	39,340	12.0%
10		Certified energy generation		102-16, EU6	8,558	10,536	-18.8%	34,895	34,647	0.7%
11		Certified energy generation in relation to the total		102-16, EU6	74.8%	87.2%	-12.4 p.p.	79.2%	88.1%	-8.9 p.p.
12		Energy generation from renewable sources (GWh)		EU2	9,933	11,233	-11.6%	39,006	35,206	10.8%
13		Energy generation from renewable sources in relation to the total		EU2	86.8%	92.9%	-6.2 p.p.	88.5%	89.5%	-1.0 p.p.
14		Uptime ratio, excluding scheduled stoppages		EU30	97.1%	97.0%	0.2 p.p.	97.1%	97.2%	0.0 p.p.
15		Uptime ratio, including scheduled stoppages		EU30	89.7%	92.5%	-2.8 p.p.	89.7%	91.6%	-1.8 p.p.
16	Environment and climate change	Saplings donated and planted (sum-total of planted and donated saplings)	- Emissions Management - Boost of prosperity on local communities - Biodiversity	304-2, 413-1	96,479	98,854	-2.4%	404,643	414,883	-2.5%
17		Number of visitors at the plants		413-1	22,639	28,862	-21.6%	90,673	106,865	-15.2%
18		CO2 Emissions (fossil fuel plants) (t/MWh)		D305-1, D305-2, D305-3	1.054	0.961	9.7%	1.013	0.945	7.2%
19		CO2 Emissions from Tractebel Energia's generation complex(t/MWh)		D305-1, D305-2, D305-3	0.139	0.068	104.9%	0.116	0.099	17.0%
20	Occupatio-nal Heath and Safety (OH&S)	Frequency Rate ("Taxa de Frequência" - TF) own employees[5]	- Teams and community safety - Foster good social and environmental practices between suppliers and customers.	403-2	0.000	0.000	-	0.000	0.000	-
21		Severity Rate ("Taxa de Gravidade" - TG) own employees[6]		403-2	0.000	0.000	-	0.000	0.000	-
22		Frequency Rate ("Taxa de Frequência" - TF) own employees + long term service providers[5]		403-2	1.700	2.690	↓	1.720	1.390	↑
23		Frequency Rate ("Taxa de Frequência" - TF) short term service providers + ongoing constructions[5]		403-2	0.000	0.550	↓	0.630	1.640	↓
24	Social Responsibi-lity[7]	Non-incentivized investments	- Generation of economic result and value sharing with society - Boost of prosperity on local communities	203-2, 413-1	1,498.0	1,280.7	17.0%	4,179.0	3,497.0	48.5%
25		Investments through the Infancy and Adolescence Fund (FIA)		203-2, 413-1	507.1	623.2	-18.6%	2,609.0	1,837.0	50.1%
26		Investments through the Culture Incentive Law (Rouanet)		203-2, 413-1	2,144.9	1,310.5	63.7%	9,375.0	8,798.0	24.7%
27		Investments through the Sport Incentive Law		203-2, 413-1	1,400.0	950.0	47.4%	2,490.0	1,610.0	74.5%
28		Investments through National Program of Support to Oncology Care (Pronon)		203-2, 413-1	2,775.0	1,597.0	73.8%	2,535.0	1,597.0	73.8%
29		Investments through the National Care Support Program for People with Special Needs (Pronas/PCD)		203-2, 413-1	2,444.2	1,607.4	52.1%	2,546.0	1,607.4	52.1%
30		Investments through the Municipal Fund for the Elderly		203-2, 413-1	2,035.5	738.4	175.7%	2,286.0	1,430.9	81.7%

Notes:
[1] Additional indices are available at Sustainability Report (www.engie.com.br/en/investors/financial-information).
[2] Reference: ENGIE Sustainable Management Policy.
[3] Value as of 12/31/2019.
[4] GRI: Global Reporting Initiative, *Standards version* and sector supplement version G4.
[5] TF = number of occupational accidents for every million hours of exposure to hazards.
[6] TG = number of days lost due to occupational accidents for every one thousand hours of exposure to hazards.
[7] Amounts in thousand of reais (R$).