SUSTAINABILITY KPIs[1] – 2Q19

Item	Dimension[2]	Index[3]	Material themes	GRI disclosure[4]	2Q19	2Q18	Change	6M19	6M18	Change
1	Quality	Operating plants	- Energy Transition for a low carbon economy	102-7, EU1	60	30	30	60	30	30
2		Installed capacity		102-7, EU1	10,430	9,399	11.0%	10,430	9,399	11.0%
3		Proprietary capacity		102-7, EU1	8,710	7,678	13.4%	8,710	7,678	13.4%
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%	86.5%	-8.6 p.p.	77.9%	86.5%	-8.6 p.p.
7		Installed capacity from renewable sources		102-7, EU1	9,229	8,542	8.0%	9,229	8,542	8.0%
8		Installed capacity from renewable sources in relation to the total		102-7, EU1	88.5%	90.9%	-2.4 p.p.	88.5%	90.9%	-2.4 p.p.
9		Energy generation (GWh)		EU2	9,709	7,489	29.6%	21,108	17,491	20.7%
10		Certified energy generation		102-16, EU6	7,803	6,633	17.6%	17,645	15,689	12.5%
11		Certified energy generation in relation to the total		102-16, EU6	80.4%	88.6%	-8.2 p.p.	83.6%	89.7%	-6.1 p.p.
12		Energy generation from renewable sources (GWh)		EU2	8,906	6,536	36.3%	19,343	15,632	23.7%
13		Energy generation from renewable sources in relation to the total		EU2	91.7%	87.3%	4.5 p.p.	91.6%	89.4%	2.3 p.p.
14		Uptime ratio, excluding scheduled stoppages		EU30	97.3%	97.0%	0.3 p.p.	97.2%	97.6%	-0.4 p.p.
15		Uptime ratio, including scheduled stoppages		EU30	89.7%	90.7%	-1.1 p.p.	91.3%	92.4%	-1.1 p.p.
16	Environment and climate change	Saplings donated and planted (sum-total of planted and donated saplings)	- Energy Transition for a low carbon economy - Engajament with local comunities and stakeholders - Environment management	304-2, 413-1	77,675	66,681	16.5%	200,647	219,887	-8.7%
17		Number of visitors at the plants		413-1	28,916	33,793	-14.4%	38,289	47,493	-19.4%
18		CO2 Emissions (fossil fuel plants) (t/MWh)		D305-1, D305-2, D305-3	0.942	0.965	-2.4%	0.944	0.951	-0.8%
19		CO2 Emissions from Tractebel Energia's generation complex(t/MWh)		D305-1, D305-2, D305-3	0.067	0.123	-45.0%	0.076	0.101	-24.7%
20	Occupatio-nal Heath and Safety (OH&S)	Frequency Rate ("Taxa de Frequência" - TF) own employees[5]	- Development, equality and health and safety - Management of impacts in the productive chain	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	0.860	0.920	↓	0.890	0.470	↑
23		Frequency Rate ("Taxa de Frequência" - TF) short term service providers + ongoing constructions[5]		403-2	2.630	1.950	↑	1.120	2.530	↓
24	Social Responsibi-lity[7]	Non-incentivized investments	- Engajament with local comunities and stakeholderss	203-2, 413-1	824.6	466.2	76.9%	1,365.3	1,089.1	25.4%
25		Investments through the Infancy and Adolescence Fund (FIA)		203-2, 413-1	149.6	303.4	-50.7%	1,606.4	723.3	122.1%
26		Investments through the Culture Incentive Law (Rouanet)		203-2, 413-1	3,376.0	2,955.2	14.2%	6,642.0	6,605.6	0.6%
27		Investments through the Sport Incentive Law		203-2, 413-1	0.0	240.0	-100.0%	340.0	560.0	-39.3%
28		Investments through National Program of Support to Oncology Care (Pronon)		203-2, 413-1	0.0	0.0	-	0	0.0	-
29		Investments through the National Care Support Program for People with Special Needs (Pronas/PCD)		203-2, 413-1	0.0	0.0	-	0.0	0.0	-
30		Investments through the Municipal Fund for the Elderly		203-2, 413-1	45.0	0.0	100.0%	583.1	492.4	18.4%

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 06/30/2019.
[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$).