

Total energy consumption rises 1.4% in the 2nd quarter

Consumption in the second quarter of 2022: Energisa Group's captive and free electricity consumption (9,180.1 GWh) grew by 1.4% in the second quarter of 2022 (2Q22) over the same period last year. In the quarter, the classes that most contributed to the result were the commercial, others and industrial classes. The main reasons that led to the increase in energy consumption in the period were the resumption of on-site activities and the improvement of the sanitary situation. The industrial class also showed above-average growth, especially food products.

In the quarter, 7 out of 11 distributors showed an increase in energy consumption in their concession areas, especially EMT (5.4% or 124.6 GWh), ERO (4.5% or 37.5 GWh) and EPB (2.2% or 24.7 GWh). The commercial class (5.8% or 93.9 GWh) had the biggest increase in consumption in the quarter, with EMT (9.8% or 40.7 GWh), EPB (7.7% or 14.5 GWh) and ESE (8.1% or 11.0 GWh) recording the highest increases. The result in the commercial class was mainly driven by the more intense return of on-site activities, especially food distributors, retailers, malls and supermarkets. The class others registered an increase of 7.7% (85.1 GWh), with the highest increases in EMT (14.5% or 33.6 GWh), ERO (15.3% or 14.3 GWh) and EPB (6.4% or 11.1 GWh). The result in the class others was driven by the government, which recorded the highest increase in 22 years (20.9%) after a low base in 2Q21 (-7%), with emphasis on universities and the judiciary. The industrial class grew by 4.0% (74.6 GWh), with the concessions that most impacted this result being: EMT (7.6% or 40.8 GWh), EPB (6.3% or 11.5 GWh) and ESS (3.4% or 10.8 GWh). Emphasis on food products (EMT and ESS), non-metallic minerals (EPB) and

vehicle parts (ESS). The residential class, in turn, showed a drop in consumption, recording -0.8% (-28.7 GWh), this result was driven by EMS concessions (-7.0% or 35.5 GWh), ESS (-6.1% or 23.4 GWh) and ESE (-3.1% or 9.4 GWh). This reduction was driven by the lower billing schedule and milder and rainy weather. Finally, the rural class (-10.6% or -94.2 GWh), registered a drop driven by EMS concessions (-15.3% or -25.3 GWh), ESS (-19.7% or -18.8 GWh) and EPB (-19.1% or -14.1 GWh). The rural class was impacted by the combination of lower use of irrigation (rain above average, before drought in 2021 and 2020), shorter cotton processing (EMT), cadastral revision and higher comparison base (mainly EMS, EPB, ESS and ETO).

Consumption in June 2022: consolidated free and captive electricity consumption (2,938.4 GWh) in Energisa Group's concessions shrank by -1.3% compared with the same month last year. The residential (-4.8% or 55.3 GWh) and rural (-12.2 or 36.5 GWh) classes pulled down the result for the month due to the high comparison base, milder climate and cadastral revision (REN N°901). Highlight for the industrial class (+4.7% or 29.6 GWh) which grew above average, with 8 of the 11 discos on the rise. Greatest variations in consumption: foodstuffs (ESS and EMT - grains and refrigerators) and metallic minerals (EMT, EMG, ERO). Also noteworthy was the increase in energy consumption by the government facilities, which registered the highest increase in the last 22 years (21.1%) for the month of June, impacted by the return of activities, mainly in universities and public offices of the judiciary.

Energisa Consolidated – Electricity market

GWh	Month		Quarter		Accumulated	
	jun/22	Change %	2Q22	Change. %	6M22	Change. %
Residential	1.092,2	- 4,8	3.510,8	- 0,8	7.222,6	+ 1,2
Industrial	665,1	+ 4,7	1.962,3	+ 4,0	3.868,2	+ 3,7
Captive	174,3	+ 5,0	492,5	- 0,9	947,1	- 3,1
Free	490,8	+ 4,5	1.469,8	+ 5,7	2.921,1	+ 6,1
Commercial	535,3	+ 0,7	1.717,7	+ 5,8	3.514,5	+ 6,1
Captive	422,8	- 4,3	1.375,0	+ 1,8	2.811,1	+ 1,8
Free	112,4	+ 25,2	342,7	+ 25,7	703,4	+ 27,9
Rural	263,5	- 12,2	795,5	- 10,6	1.633,6	- 8,3
Captive	255,1	- 13,1	771,0	- 11,5	1.581,7	- 9,0
Free	8,4	+ 31,5	24,6	+ 31,4	51,9	+ 21,9
Other	382,4	+ 5,1	1.193,7	+ 7,7	2.343,3	+ 3,3
Captive	353,5	+ 1,7	1.106,4	+ 4,5	2.172,0	+ 0,0
Free	28,9	+ 76,2	87,3	+ 73,9	171,4	+ 76,2
1 Energy sale to captive consumers	2.297,9	- 4,1	7.255,6	- 0,8	14.734,5	- 0,3
2 Energy associated with free consumers (TUSD)	640,5	+ 10,0	1.924,4	+ 11,1	3.847,8	+ 11,7
3 Captive sales + TUSD (1+2)	2.938,4	- 1,3	9.180,1	+ 1,4	18.582,3	+ 1,9
4 Unbilled sales	(129,0)	+ 29,0	-155,8	+ 57,9	(151,0)	- 4,5
5 Captive sales + TUSD + Uninvoiced supply (3+4)	2.809,4	- 2,4	9.024,3	+ 0,8	18.431,3	+ 2,0

Empresas	June 2022				6M22			
	Electricity Sales (GWh)				Electricity Sales (GWh)			
	Captive Sales + TUSD	Change (1) (%)	Captive Sales + TUSD + Uninvoiced	Change (1) (%)	Captive Sales + TUSD	Change (1) (%)	Captive Sales + TUSD + Uninvoiced	Change (1) (%)
Região Norte	595,7	+ 1,4	577,8	- 1,5	3.479,4	+ 4,9	3.487,9	+ 4,5
Energisa Tocantins (ETO)	225,0	+ 2,0	219,9	+ 0,2	1.242,2	+ 2,2	1.257,8	+ 3,5
Energisa Acre (EAC)	87,3	- 3,6	84,7	- 2,7	542,7	+ 3,6	541,3	+ 4,5
Energisa Rondônia (ERO)	283,4	+ 2,5	273,3	- 2,4	1.694,5	+ 7,3	1.688,8	+ 5,3
Região Nordeste	627,7	- 2,5	622,7	- 2,3	4.143,5	+ 0,9	4.120,8	+ 0,8
Energisa Paraíba (EPB)	354,6	- 1,4	355,0	- 1,3	2.315,8	+ 1,1	2.305,5	+ 1,1
Energisa Sergipe (ESE)	216,9	- 5,0	212,5	- 4,2	1.471,8	+ 0,4	1.461,8	+ 0,3
Energisa Borborema (EBO)	56,2	- 0,2	55,2	- 0,8	355,9	+ 1,5	353,6	+ 1,0
Região Centro-Oeste	1.221,0	- 1,5	1.127,4	- 3,3	7.732,2	+ 2,2	7.609,0	+ 2,2
Energisa Mato Grosso (EMT)	802,2	+ 1,2	738,8	- 1,9	4.742,9	+ 2,5	4.701,6	+ 2,7
Energisa Mato Grosso do Sul (EMS)	418,7	- 6,4	388,6	- 5,8	2.989,3	+ 1,7	2.907,4	+ 1,4
Região Sul/Sudeste	494,0	- 2,5	481,5	- 1,6	3.227,2	- 0,3	3.213,6	+ 0,4
Energisa Minas Gerais (EMG)	124,5	+ 1,8	121,2	- 1,8	785,3	- 0,3	785,3	+ 0,4
Energisa Nova Friburgo (ENF)	26,2	- 3,6	26,3	- 4,2	159,5	- 3,6	160,6	- 2,7
Energisa Sul-Sudeste (ESS)	343,3	- 3,9	334,0	- 1,3	2.282,3	- 0,1	2.267,7	+ 0,7
Total (Distribuidoras)	2.938,4	- 1,3	2.809,4	- 2,4	18.582,3	+ 1,9	18.431,3	+ 2,0

(1) In relation to the same period of 2021.

Note: data on electricity consumption by segment in each service area is available at ri.energisa.com.br

Total Losses (%)

Total Losses % Injected Energy (12 meses)	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	ANEEL
EMG	10,22	9,91	9,64	9,99	9,39	9,43	9,24	9,05	8,97	11,01
ENF	4,22	4,13	4,07	4,09	3,83	3,75	3,73	3,76	3,73	5,11
ESE	10,61	10,6	10,53	10,77	10,26	10,23	10,16	10,25	10,30	10,56
EBO	6,43	6,33	6,36	6,45	6,27	6,21	6,11	6,04	5,92	6,11
EPB	13,68	13,51	13,53	13,52	13,05	13,07	12,78	12,71	12,38	13,10
EMT	13,84	14,20	14,28	14,21	13,76	13,48	13,62	13,75	13,95	13,55
EMS	13,06	12,93	13,11	13,06	12,34	12,42	12,32	11,84	12,08	12,90
ETO	13,00	12,74	12,45	13,02	12,39	11,92	12,13	11,70	11,79	13,73
ESS	6,47	6,68	6,47	6,81	6,31	6,20	6,05	5,67	5,78	6,82
ERO	27,58	27,15	26,68	26,49	24,97	24,65	24,31	23,52	23,24	22,52
EAC	19,17	19,32	18,23	17,83	16,75	16,44	16,47	15,95	15,42	19,89
Consolidated Energy	13,82	13,82	13,74	13,77	13,11	12,96	12,89	12,67	12,71	13,20

Notes: The percentages above were calculated based on unbilled sales. The A1 Free Market was included in the calculation of the Total Realized and Regulatory Loss.



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