

The total energy consumption grew by 10.6% in the first eight months of 2024.

Consumption in August 2024: The consolidated electricity consumption in the concession areas of Grupo Energisa (3,430.7 GWh) showed an increase of 4.0% compared to August of the previous year. During the month, most sectors saw growth, especially the industrial sector (11.2%), driven by the paper and food industries, followed by the residential sector (4.8%). Temperatures remained high in most regions, but compared to August 2023, the levels were similar, as the period was marked by heat waves and above-average temperatures. Additionally, the Midwest region specifically faced cold waves, with temperatures below 20°C in Cuiabá and Campo Grande during the billing period (between July and August).

In the month, of the 9 distributors, 8 recorded an increase in energy consumption in their concession areas, particularly EMS (8.9%), EPB (8.9%), and ESE (5.7%). At EMS, the increase in industrial consumption (33.2%) was the main driver of growth, boosted by the production of paper/pulp, food, and minerals. Residential consumption also rose (4.6%), although at a more modest growth rate than in recent months, due to the high comparison base in August 2023. Meanwhile, at EPB and ESE, the residential sector was the main highlight.

Among the sectors, the industrial segment showed the highest growth rate in 22 years, accounting for 51% of the

monthly result. Industrial consumption increased across all of the Group's distributors, especially EMS, ESE, ETO, and EMT, driven by the production of paper, food, minerals, and Oil & Gas. Meanwhile, the residential sector recorded a growth rate in August above the monthly average (4.8% vs. 4.4%), amid high temperatures, particularly in EPB (14.4%) and ESE (6.2%). The residential sector's percentage increase would have been higher if not for the elevated comparison base from August 2023. The rural sector registered a 4.0% increase, with growth in 8 out of 9 companies, especially in EMS (16.9%) and ESS (14.4%), driven by irrigating customers amid dry weather. On the other hand, the commercial sector showed a decline of -2.9%, with the most significant impacts coming from EMS and EMT concessions.

Consumption in the first eight months of 2024:

Electricity consumption in the regulated and free markets (27,832.5 GWh) increased by 10.6%. All major sectors saw growth, particularly the residential sector, which grew by 14.7% compared to the same period in 2023, accounting for 53% of the increase in consumption, followed by the industrial sector (+10.4%). All companies experienced increased consumption, with highlights including EMT (+10.0%), EMS (+14.4%), ESS (+10.1%), and EPB (+9.8%), driven by above-average temperatures for most of the year, drier weather, and strong economic performance.

Consolidated Energisa - Energy sales in May and the first eight months of 2024

Description Amounts in GWh	Month			Accumulated		
	aug/24	aug/23	Var. %	8M24	8M23	Var. %
Residential	1,306.0	1,246.0	+ 4.8	11,281.6	9,832.1	+ 14.7
Industrial	803.1	722.3	+ 11.2	5,907.9	5,349.1	+ 10.4
Captive	111.5	150.3	- 25.8	902.6	1,177.4	- 23.3
Free	691.6	572.0	+ 20.9	5,005.3	4,171.6	+ 20.0
Commercial	568.8	585.7	- 2.9	4,910.8	4,641.3	+ 5.8
Captive	391.5	427.9	- 8.5	3,491.6	3,516.8	- 0.7
Free	177.3	157.8	+ 12.3	1,419.2	1,124.5	+ 26.2
Rural	352.1	338.4	+ 4.0	2,415.0	2,178.1	+ 10.9
Captive	310.6	306.4	+ 1.4	2,233.6	2,059.1	+ 8.5
Free	41.5	32.0	+ 29.7	181.4	118.9	+ 52.5
Other	400.8	406.7	- 1.4	3,317.3	3,165.6	+ 4.8
Captive	347.5	360.9	- 3.7	2,923.5	2,859.0	+ 2.3
Free	53.4	45.8	+ 16.7	393.8	306.5	+ 28.5
1 Energy sale to captive consumers	2,467.0	2,491.5	- 1.0	20,832.9	19,444.6	+ 7.1
2 Energy associated with free consumers (TUSD)	963.8	807.6	+ 19.3	6,999.6	5,721.6	+ 22.3
3 Captive sales + TUSD (1+2)	3,430.7	3,299.1	+ 4.0	27,832.5	25,166.2	+ 10.6
4 Unbilled sales	-45.6	133.2	-	-205.4	71.9	-
5 Captive sales + TUSD + Uninvoiced supply (3+4)	3,385.2	3,432.4	- 1.4	27,627.1	25,238.1	+ 9.5

Companies	August 2024				January to August 2024			
	Electricity Sales (GWh)				Electricity Sales (GWh)			
	Captive Sales + TUSD	Chg (1) (%)	Captive Sales + TUSD + Uninvoiced	Chg (1) (%)	Captive Sales + TUSD	Chg (1) (%)	Captive Sales + TUSD + Uninvoiced	Chg (1) (%)
North Region	711.3	+ 2.3	707.9	- 2.3	5,535.5	+ 10.5	5,522.1	+ 9.3
Energisa Tocantins (ETO)	262.5	+ 4.2	265.1	+ 2.5	2,035.6	+ 12.6	2,043.1	+ 11.6
Energisa Acre (EAC)	108.1	- 1.7	106.4	- 7.7	851.3	+ 9.4	844.9	+ 7.9
Energisa Rondônia (ERO)	340.7	+ 2.1	336.4	- 4.1	2,648.6	+ 9.3	2,634.1	+ 8.0
Northeast Region	731.3	+ 7.8	731.1	+ 5.2	6,192.7	+ 9.9	6,159.8	+ 9.3
Energisa Paraíba (EPB)	478.3	+ 8.9	476.6	+ 4.3	4,025.0	+ 9.8	3,997.6	+ 8.9
Energisa Sergipe (ESE)	253.0	+ 5.7	254.4	+ 7.0	2,167.7	+ 9.9	2,162.2	+ 10.1
Midwest	1,441.7	+ 3.5	1,399.8	- 5.0	11,477.8	+ 11.6	11,353.4	+ 10.2
Energisa Mato Grosso (EMT)	925.3	+ 0.7	895.7	- 8.5	7,133.6	+ 10.0	7,096.7	+ 8.3
Energisa Mato Grosso do Sul (EMS)	516.4	+ 8.9	504.0	+ 1.9	4,344.2	+ 14.4	4,256.8	+ 13.5
South/Southeast Region	546.4	+ 2.7	546.5	+ 1.3	4,626.6	+ 9.2	4,591.8	+ 8.1
Energisa Minas Rio (EMR)	164.6	+ 4.7	164.5	+ 4.2	1,346.9	+ 7.0	1,337.5	+ 5.5
Energisa Sul-Sudeste (ESS) ⁽²⁾	381.8	+ 1.9	381.9	+ 0.1	3,279.7	+ 10.1	3,254.3	+ 9.1
Total (Distribution companies)	3,430.7	+ 4.0	3,385.2	- 1.4	27,832.5	+ 10.6	27,627.1	+ 9.5

(1) In relation to the same period of 2023.

On 4/30/2023 the company EBO - Energisa Borborema was merged into the company EPB - Energisa Paraíba. As of 2Q23 we are considering the consolidated values. 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 month)	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23 (**)	3Q23	4Q23	1Q24	2Q24	jul/24	aug/24	Regulatory limit (**)
EMR	8.23	8.17	7.84	7.88	7.64	7.99	8.23	8.33	8.62	8.55	8.55	8.5	9.94
ESE	10.25	10.30	10.51	10.26	10.07	10.09	10,00	10.17	10.35	10.26	10.26	10.15	10.67
EPB (*)	12.71	12.38	12.25	12.26	12.15	11.88	11.87	12,00	12.30	12.23	12.2	12.25	12.32
EMT	13.75	13.95	13.80	13.49	13.71	13.60	13.88	14.09	14.10	14.27	13.47	13.94	11.75
EMS	11.83	12.08	11.39	11.44	11.46	10.98	11.69	11.47	11.72	12.44	11.75	11.58	12.44
ETO	11.70	11.78	11.82	11.65	11.1	11.01	11.16	11,00	11.12	10.68	10.47	10.67	13.49
ESS	5.67	5.82	5.37	5.64	5.8	5.51	6.07	5.90	5.83	6.4	6.12	6.06	6.8
ERO	23.52	23.26	23.18	22.46	22.19	21.89	21.7	22.23	22.27	22.57	21.68	21.9	20.38
EAC	15.95	15.42	15.31	14.95	14.91	14.78	14.55	14.69	14.89	15.22	14.25	14.41	17.52
Consolidated Energisa	12.67	12.71	12.51	12.38	12.42	12.29	12.53	12.63	12.74	12.94	12.43	12.57	12.4

Nb.: To calculate the percentages presented above, we considered the values of unbilled energy.

(*) On 4/30/2023 the company EBO - Energisa Borborema was merged into the company EPB - Energisa Paraiba. As of 2Q23 we are considering the consolidated values.

(**) The data presented is obtained from ANEEL databases and can be changed if requested by the regulator.

i) these are preliminary data and have not been audited by independent auditors; (ii) do not represent an anticipation of financial information by the Company; and (iii) in the month of the quarter's close, more detailed information can be found in the Earnings Release.



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