

Total energy consumption grew by 9.6% in the first nine months of 2024.

Consumption in September 2024: The consolidated electricity consumption in the concession areas of the Energisa Group (3,530 GWh) showed an increase of 2.4% compared to September of the previous year. In the month, the sectors that contributed most to the result were residential (+3.8%) and industrial (+7.0%), driven by high temperatures and strong performance in the paper and minerals industries. The growth rate for the month was influenced by the high base in the same month last year (the highest rate in four years), a shorter billing calendar for most companies, and a cold front that affected some concession areas during the reading period, with temperatures below 15°C recorded in Cuiabá, Rio Branco, and Presidente Prudente.

During the month, out of the nine distributors, seven recorded an increase in energy consumption within their concession areas, especially ETO (+8.9%), ESE (+6.8%), and ERO (+4.8%), driven by higher residential consumption. The exceptions were EAC (-5.3%) and EMT (-0.4%), due to a shorter billing calendar, a high base in September 2023, and cold fronts during the period.

Among the sectors, the industrial sector posted the largest growth (+7.0%), with eight of the nine companies reporting an increase, particularly EMS, EMT, ETO, and ESE. The residential sector (+3.8%) grew in seven of the nine companies, with highlights being ETO, ERO, and EMS. On the other hand, EMT and EAC showed declines in this sector due to the factors already mentioned. The rural sector saw a 0.7% increase, with six concessions showing growth, especially ESE, ERO, and ESS, driven by irrigators (ESE) and various rural producers. Meanwhile, the commercial sector posted a variation of -3.1%, with the most impacted concessions being EMT and EMS, due to the shorter billing calendar and high base.

Consumption in the third quarter of 2024: The electricity consumption in the captive and free markets (10,310 GWh) of the Energisa Group recorded a growth of 5.9% compared to the same period last year, influenced by July, which experienced above-average temperatures. On the other hand, the results for August and September were constrained by cold fronts and a high comparison base, as the effects of El Niño and heatwaves began in these months in 2023.

The sectors that contributed most to the Q3 results were residential (7.1%), industrial (11.2%), and rural (5.9%), driven by hot and dry weather, as well as strong performance in the food, minerals, and paper industries. Among the nine concessions, eight reported an increase in consumption, particularly EMS (+10.5%), EPB (+8.3%), and ETO (+7.3%). In EMS, the industrial sector was decisive, while in EPB and ETO, the increase in residential consumption was the main driver. Meanwhile, EAC (-1.3%) showed a decline due to the residential sector. EMT (+3.0%) had limited performance due to the month of September.

Consumption in the first nine months of 2024: Electricity consumption in the captive and free markets (31,362 GWh) increased by 9.6%. All major sectors showed growth, especially the residential sector, which grew by 13.4% compared to the same period in 2023, contributing to 55% of the overall consumption growth, followed by the industrial sector (+10.0%). All companies reported increased consumption, with highlights being EMT (+8.6%), EMS (+12.9%), EPB (+9.0%), and ESS (+9.2%), driven by high temperatures and strong performance in the food supply chain, impacting the rural and commercial sectors and increasing the number of consumers.

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

Description Amounts in GWh	Month		Quarter		Accumulated	
	sep/24	Chg. %	3Q24	Var. %	9M24	Chg. %
Residential	1,407.3	+ 3.8	3,980.4	+ 7.1	12,688.8	+ 13.4
Industrial	753.3	+ 7.0	2,345.4	+ 11.2	6,660.9	+ 10.0
Captive	111.4	- 24.3	333.7	- 24.4	1,014.0	- 23.5
Free	641.9	+ 15.3	2,011.7	+ 20.7	5,646.9	+ 19.4
Commercial	589.7	- 3.1	1,724.5	+ 0.0	5,500.5	+ 4.8
Captive	404.2	- 11.1	1,187.5	- 6.8	3,895.8	- 1.9
Free	185.5	+ 20.5	537.0	+ 19.5	1,604.7	+ 25.5
Rural	356.3	+ 0.7	1,033.8	+ 5.9	2,771.4	+ 9.5
Captive	315.0	- 2.0	921.1	+ 3.2	2,548.6	+ 7.1
Free	41.4	+ 27.0	112.7	+ 34.6	222.8	+ 47.0
Other	423.6	- 0.7	1,225.6	+ 0.9	3,740.9	+ 4.1
Captive	369.9	- 3.1	1,068.6	- 1.1	3,293.5	+ 1.6
Free	53.6	+ 20.2	157.0	+ 16.9	447.4	+ 27.4
1 Energy sale to captive consumers	2,607.7	- 2.0	7,491.4	+ 1.2	23,440.6	+ 6.0
2 Energy associated with free consumers (TUSD)	922.5	+ 17.1	2,818.5	+ 20.7	7,921.8	+ 21.7
3 Captive sales + TUSD (1+2)	3,530.2	+ 2.4	10,309.8	+ 5.9	31,362.4	+ 9.6
4 Unbilled sales	96.1	+ 38.7	110.3	- 52.7	-109.3	-
5 Captive sales + TUSD + Uninvoiced supply (3+4)	3,626.3	+ 3.1	10,420.1	+ 4.5	31,253.1	+ 8.7

Companies	September 2024				January to september 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	759.3	+ 4.6	787.0	+ 6.9	6,294.8	+ 9.8	6,309.1	+ 9.0
Energisa Tocantins (ETO)	283.4	+ 8.9	297.9	+ 12.4	2,319.0	+ 12.1	2,341.1	+ 11.7
Energisa Acre (EAC)	110.0	- 5.3	113.3	- 2.9	961.3	+ 7.5	958.2	+ 6.5
Energisa Rondônia (ERO)	365.9	+ 4.8	375.8	+ 6.1	3,014.5	+ 8.7	3,009.9	+ 7.7
Northeast Region	734.1	+ 3.8	736.0	+ 5.1	6,926.8	+ 9.2	6,895.8	+ 8.8
Energisa Paraíba (EPB)	473.7	+ 2.2	478.6	+ 5.6	4,498.7	+ 9.0	4,476.2	+ 8.5
Energisa Sergipe (ESE)	260.4	+ 6.8	257.5	+ 4.2	2,428.0	+ 9.5	2,419.7	+ 9.4
Midwest	1,478.9	+ 0.4	1,540.2	+ 0.4	12,956.4	+ 10.2	12,893.4	+ 9.0
Energisa Mato Grosso (EMT)	974.3	- 0.4	1,019.1	+ 0.9	8,107.9	+ 8.6	8,115.8	+ 7.3
Energisa Mato Grosso do Sul (EMS)	504.6	+ 1.9	521.1	- 0.6	4,848.5	+ 12.9	4,777.7	+ 11.8
South/Southeast Region	557.9	+ 2.9	563.0	+ 2.9	5,184.5	+ 8.4	5,154.7	+ 7.5
Energisa Minas Rio (EMR)	164.7	+ 3.8	163.5	+ 5.1	1,511.6	+ 6.6	1,501.0	+ 5.4
Energisa Sul-Sudeste (ESS) ⁽²⁾	393.2	+ 2.6	399.5	+ 2.0	3,672.9	+ 9.2	3,653.8	+ 8.3
Total (Distribution companies)	3,530.2	+ 2.4	3,626.3	+ 3.1	31,362.4	+ 9.6	31,253.1	+ 8.7

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

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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. 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	3Q24	Regulatory limit (**)
EMR	8.23	8.17	7.84	7.88	7.64	7.99	8.23	8.33	8.62	8.55	8.67	9.94
ESE	10.25	10.30	10.51	10.26	10.07	10.09	10.00	10.17	10.35	10.26	10.24	10.66
EPB (*)	12.71	12.38	12.25	12.26	12.15	11.88	11.87	12.00	12.30	12.23	12.26	12.31
EMT	13.75	13.95	13.80	13.49	13.71	13.60	13.88	14.09	14.10	14.27	14.57	11.73
EMS	11.83	12.08	11.39	11.44	11.46	10.98	11.69	11.47	11.72	12.44	11.83	12.43
ETO	11.70	11.78	11.82	11.65	11.1	11.01	11.16	11.00	11.12	10.68	10.55	13.48
ESS	5.67	5.82	5.37	5.64	5.8	5.51	6.07	5.90	5.83	6.4	6.18	6.8
ERO	23.52	23.26	23.18	22.46	22.19	21.89	21.7	22.23	22.27	22.57	22.04	20.13
EAC	15.95	15.42	15.31	14.95	14.91	14.78	14.55	14.69	14.89	15.22	14.89	17.19
Consolidated Energisa	12.67	12.71	12.51	12.38	12.42	12.29	12.53	12.63	12.74	12.94	12.83	12.36

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; and (ii) do not represent an anticipation of financial information by the Company; (ii) do not represent the anticipation of financial information by the Company; and (iii) in the month of the quarter's closing, more detailed information can be found in the Earnings Release.



[Click here](#) to see the tables for each company in Excel.



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