

**Total energy consumption rises 4.2% in May**

**Consumption in May 2022:** consolidated free and captive electricity consumption (3,100.8 GWh) in Energisa Group service areas rose by 4.2% compared with the same month last year, led by the residential and commercial segments. Warm weather, a positive calendar effect (+0.4 in aggregate) and consumer status reviews under REN No. 901, which decreased rural volumes and increased residential ones, drove consumption in these segments in May. In addition, in-person activity continued to expand in the month compared to the same period last year.

During the month, 9 of our 11 distribution companies reported higher energy consumption in their service areas, in particular EMT (+6.3% or 48.0 GWh), ERO (+9.1% or 25.1 GWh) and EPB (+6.7% or 24.5 GWh). The residential segment (+6.8% or 76.6 GWh) reported the highest consumption growth in the month, with EMT (+12.3% or 31.1 GWh), ERO (+11.7% or 14.1 GWh) and EPB (+6.2% or 10.1 GWh) enjoying the largest increases. Residential consumption was driven primarily by the warmer weather and positive calendar effect. The commercial segment experienced growth of 7.7% (41.3 GWh), with the highest growth at EMT (+9.3% or 13.0 GWh); EPB (+8.4% or 5.4 GWh); and ESE (+11.8% or 5.3 GWh). Commercial consumption was driven by the recovery from the subsiding pandemic and increased in-person activity, with especially strong consumption in shopping centers, retailers and grain storage facilities.

The industrial sector reported growth of +2.3% (14.6 GWh), with the concessions performing best being: EPB (+11.9% or 7.0 GWh), led by textiles and metallic minerals; EMG (+14.0% or 5.0 GWh), led by paper and food—a 22-year high; and EMS (+4.2 or 4.8 GWh), led by the cement and food industries. The ‘other’ segment posted consumption growth of +8.0% (30.1 GWh), with particularly strong expansion in the government sector at 22.1% (a 22-year high), driven by the reopening of schools, courts and other government agencies. The service areas most contributing to the result in the month were EMT (+15.8% or 12.0 GWh); EPB (+8.7% or 5.1 GWh) and ERO (+16.0 or 5.1%). Lastly, the rural segment contracted by 12.7% (38.6 GWh), driven by EMT (-9.9% or 10.6 GWh), EMS (-16.9% or 9.6 GWh) and ESS (-6.9% or 21.1 GWh), reflecting decreased use of irrigation (above-average rainfall, especially in the NE, ESS and EMS service areas) and customer migration (REN N° 901).

**Consumption in the first five months of 2022:** Energisa Group’s captive and free electricity consumption (15,624.9 GWh) rose 2.5% in the first five months of 2022 in relation to the same period last year.

Nine distribution companies reported growth in the first five months, led by ERO (+8.3% or 107.8 GWh), EMT (+2.6% or 98.3 GWh) and EMS (+3.0% or 73.5 GWh).

**Energisa Consolidated - Electricity market in May and year to date**

Description	Month			Accumulated		
	May/22	May/21	Change %	5M22	5M21	Change %
<b>Residential</b>	<b>1,206.9</b>	<b>1,130.3</b>	<b>+ 6.8</b>	<b>6,130.4</b>	<b>5,988.0</b>	<b>+ 2.4</b>
<b>Industrial</b>	<b>647.2</b>	<b>632.7</b>	<b>+ 2.3</b>	<b>3,184.7</b>	<b>3,095.2</b>	<b>+ 2.9</b>
• Captive	157.7	164.0	- 3.9	772.8	810.9	- 4.7
• Free	489.5	468.6	+ 4.5	2,411.9	2,284.3	+ 5.6
<b>Commercial</b>	<b>578.7</b>	<b>537.4</b>	<b>+ 7.7</b>	<b>2,978.7</b>	<b>2,780.1</b>	<b>+ 7.1</b>
• Captive	465.6	444.7	+ 4.7	2,388.2	2,320.1	+ 2.9
• Free	113.1	92.7	+ 22.0	590.4	460.0	+ 28.4
<b>Rural</b>	<b>264.7</b>	<b>303.3</b>	<b>- 12.7</b>	<b>1,370.1</b>	<b>1,480.7</b>	<b>- 7.5</b>
• Captive	256.9	297.0	- 13.5	1,326.6	1,444.5	- 8.2
• Free	7.8	6.3	+ 22.6	43.5	36.2	+ 20.2
<b>Other Classes</b>	<b>403.2</b>	<b>373.1</b>	<b>+ 8.1</b>	<b>1,961.0</b>	<b>1,904.4</b>	<b>+ 3.0</b>
• Captive	373.6	355.9	+ 5.0	1,818.5	1,823.5	- 0.3
• Free	29.6	17.2	+ 72.1	142.5	80.9	+ 76.2
<b>1) Energy sales to captive consumers</b>	<b>2,460.8</b>	<b>2,392.0</b>	<b>+ 2.9</b>	<b>12,436.6</b>	<b>12,387.1</b>	<b>+ 0.4</b>
2) Energy associated with free consumers (TUSD)	640.0	584.9	+ 9.4	3,188.3	2,861.4	+ 11.4
<b>3) Captive sales + TUSD (1+2)</b>	<b>3,100.8</b>	<b>2,976.8</b>	<b>+ 4.2</b>	<b>15,624.9</b>	<b>15,248.5</b>	<b>+ 2.5</b>
4) Unbilled sales	(22.4)	(20.9)	+ 7.3	(22.0)	(58.0)	- 62.1
<b>5) Captive sales + TUSD + Uninvoiced supply (3+4)</b>	<b>3,078.4</b>	<b>2,955.9</b>	<b>+ 4.1</b>	<b>15,603.0</b>	<b>15,190.5</b>	<b>+ 2.7</b>

Company	May 2022				January - May 2022			
	Electricity sales (GWh)				Electricity sales (GWh)			
	Captive Sales + TUSD	Change <sup>(1)</sup> (%)	Captive Sales + TUSD + Uninvoiced	Change <sup>(1)</sup> (%)	Captive Sales + TUSD	Change <sup>(1)</sup> (%)	Captive Sales + TUSD + Uninvoiced	Change <sup>(1)</sup> (%)
<b>Região Norte</b>	<b>617.0</b>	<b>+ 8.2</b>	<b>634.4</b>	<b>+ 9.8</b>	<b>2,880.7</b>	<b>+ 5.5</b>	<b>2,907.0</b>	<b>+ 5.7</b>
Energisa Tocantins (ETO)	222.9	+ 5.0	230.2	+ 8.1	1,014.8	+ 2.0	1,035.5	+ 4.0
Energisa Acre (EAC)	93.6	+ 13.4	98.2	+ 12.3	455.4	+ 5.1	456.6	+ 6.0
Energisa Rondônia (ERO)	300.6	+ 9.1	306.0	+ 10.3	1,410.5	+ 8.3	1,414.9	+ 6.9
<b>Região Nordeste</b>	<b>692.7</b>	<b>+ 4.4</b>	<b>690.1</b>	<b>+ 3.8</b>	<b>3,515.2</b>	<b>+ 1.5</b>	<b>3,497.6</b>	<b>+ 1.3</b>
Energisa Paraíba (EPB)	392.7	+ 6.7	390.3	+ 5.8	1,960.6	+ 1.6	1,949.9	+ 1.5
Energisa Sergipe (ESE)	238.8	+ 1.1	239.6	+ 1.3	1,254.9	+ 1.4	1,249.3	+ 1.1
Energisa Borborema (EBO)	61.2	+ 3.9	60.3	+ 1.4	299.7	+ 1.8	298.4	+ 1.3
<b>Região Centro-Oeste</b>	<b>1,271.8</b>	<b>+ 3.7</b>	<b>1,250.6</b>	<b>+ 3.5</b>	<b>6,496.7</b>	<b>+ 2.7</b>	<b>6,467.0</b>	<b>+ 3.0</b>
Energisa Mato Grosso (EMT)	807.0	+ 6.3	808.5	+ 4.3	3,931.9	+ 2.6	3,954.0	+ 3.4
Energisa Mato Grosso do Sul (EMS)	464.8	- 0.6	442.1	+ 2.0	2,564.7	+ 3.0	2,512.9	+ 2.4
<b>Região Sul/Sudeste</b>	<b>519.3</b>	<b>+ 0.5</b>	<b>503.3</b>	<b>- 0.3</b>	<b>2,732.4</b>	<b>+ 0.1</b>	<b>2,731.4</b>	<b>+ 0.8</b>
Energisa Minas Gerais (EMG)	131.9	+ 1.0	127.0	+ 3.4	661.1	- 0.7	664.3	+ 0.9
Energisa Nova Friburgo (ENF)	27.2	+ 0.9	26.7	- 1.4	133.3	- 3.6	134.4	- 2.4
Energisa Sul-Sudeste (ESS)	360.2	+ 0.3	349.6	- 1.6	1,938.0	+ 0.6	1,932.7	+ 1.0
<b>Total (Distribuidoras)</b>	<b>3,100.8</b>	<b>+ 4.2</b>	<b>3,078.4</b>	<b>+ 4.1</b>	<b>15,624.9</b>	<b>+ 2.5</b>	<b>15,603.0</b>	<b>+ 2.7</b>

<sup>(1)</sup> 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](http://ri.energisa.com.br)

Total Losses (%)

Total Losses % Injected Energy (12 meses)	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	Apr/22	May/22	ANEEL
EMG	10.22	9.91	9.64	9.99	9.39	9.43	9.24	9.05	8.92	8.71	10.93
ENF	4.22	4.13	4.07	4.09	3.83	3.75	3.73	3.76	3.67	3.57	5.15
ESE	10.61	10.6	10.53	10.77	10.26	10.23	10.16	10.25	10.24	10.34	10.57
EBO	6.43	6.33	6.36	6.45	6.27	6.21	6.11	6.04	5.94	6.06	6.11
EPB	13.68	13.51	13.53	13.52	13.05	13.07	12.78	12.71	12.65	12.60	13.07
EMT	13.84	14.20	14.28	14.21	13.76	13.48	13.62	13.76	13.97	13.73	13.56
EMS	13.06	12.93	13.11	13.06	12.34	12.42	12.32	11.84	12.42	11.88	12.91
ETO	13.00	12.74	12.45	13.02	12.39	11.92	12.13	11.70	12.05	11.68	13.73
ESS	6.47	6.68	6.47	6.81	6.31	6.20	6.05	5.67	5.92	5.73	6.81
ERO	27.58	27.15	26.68	26.49	24.97	24.65	24.27	23.48	23.52	23.06	22.53
EAC	19.17	19.32	18.23	17.83	16.75	16.44	16.47	15.95	15.86	15.23	19.90
<b>Consolidated Energy</b>	<b>13.82</b>	<b>13.82</b>	<b>13.74</b>	<b>13.77</b>	<b>13.11</b>	<b>12.96</b>	<b>12.89</b>	<b>12.67</b>	<b>12.86</b>	<b>12.60</b>	<b>13.20</b>

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.

 [Click here](#) for data by company in an Excel file.