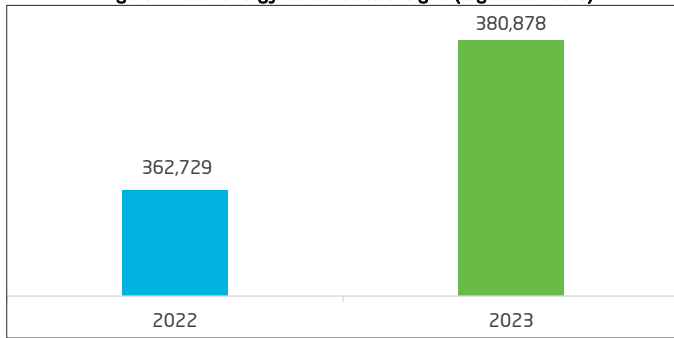# Total energy delivered to grid increases by approximately 5% in 2023

The total energy delivered to the grid reached 380,878 gigawatt-hours in 2023, representing an increase of 5% compared to 2022 (Figure 1).
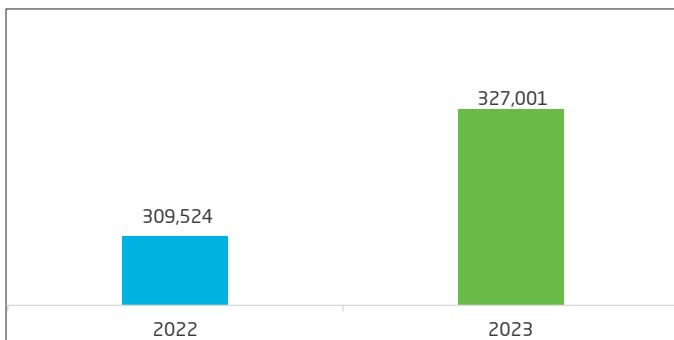
Figure1. Total energy delivered to the grid (Gigawatt-hours)

Total electrical energy consumption

The total electrical energy consumption reached 327,001 gigawatt-hours in 2023, marking an increase of 5.65% compared to 2022 (Figure2).
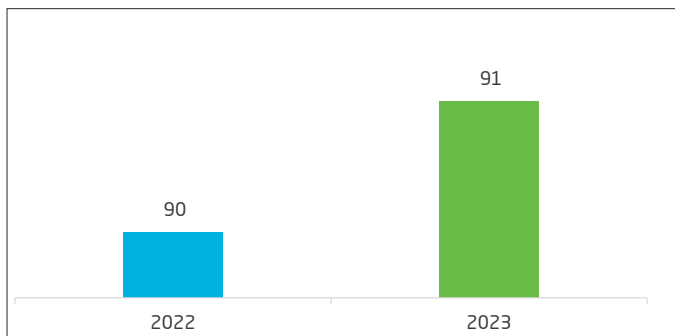
Figure2. Total electrical energy consumption (Gigawatt-hours)

Licensed capacity for electrical energy generation

The licensed capacity for electrical energy consumption generation reached 91 gigawatts in 2023, with an increase of 1.11% compared to 2022 (Figure 3).
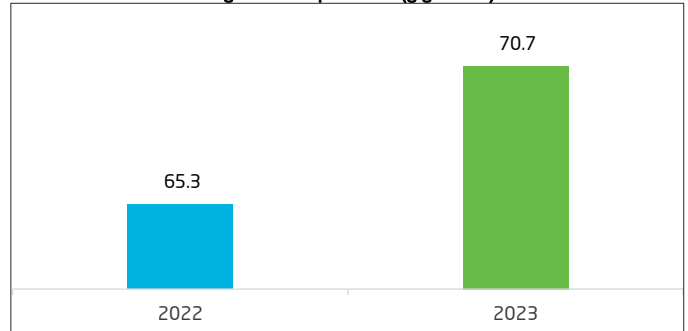
Figure3. Licensed capacity for electricity generation (Gigawatts)

Peak load

The total peak load reached 70.7 gigawatts in 2023, marking an increase of 8.27% compared to 2022 (Figure4).

Figur4. Total peak load (gigawatts)

Percentage of electrical energy consumed by consumption category

In 2023, electrical energy consumption in the "residential" sector accounted for 46.72% of total electrical energy consumption, followed by the "industrial" sector at 18.51%. The "commercial" sector accounted for 18.08%, followed by the "governmental" sector at 10.97%, and finally, other sectors at 5.72% (Figure 5).

Figure5 Percentage of electrical energy consumed by consumption category in 2023 (%)
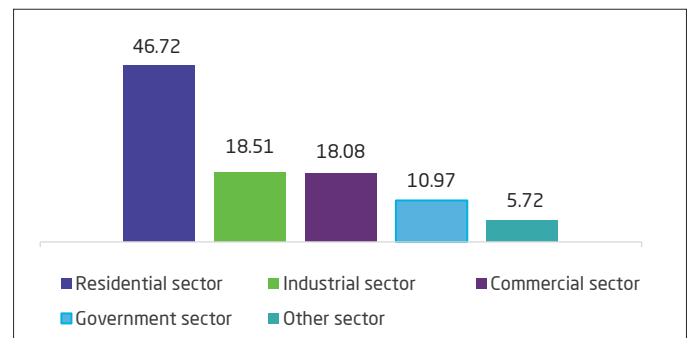
Electrical energy statistics indicators

Indicators	Unit	2022	2023
Total energy delivered to the grid	Gigawatt-hours	362,729	380,878
Total electrical energy consumption		309,524	327,001
Licensed capacity for electrical energy generation	Gigawatts	90	91
Total peak load		65.3	70.7
Per capita of electrical energy consumed for the consumption category "residential"	Kilowatt-hour per capita	4,438	4,533
Per consumer of electrical energy consumed for the consumption category ""residential	Kilowatt-hour per Consumer	16,241	17,186

Source : Tables.

Methodology and quality

The electrical energy statistics publication relies on administrative records data from the Ministry of Energy, which is the primary source. The data is available in a time series for the period (2010-2023), and the publication is issued annually For more details, refer to the Methodology and Quality Report