The total exportation of electricity decreased from 9.6 million kilowatts in 2022 down to 9.1 million kilowatts in 2023 . Rwanda's electricity consumption has continuously grown, reaching approximately 211.1 million kilowatt by 2023 up from 178.9 million in 2023 kilowatt for domestic and residential facilities.

TABLE: Electricity Exportation and importation (Kwh)

	2019	2020	2021	2022	2023
Total exportation	4,367,311.2	4,468,775.40	9,665,299.80	9,128,671.20	
Cyanika - Gisoro	4,317,311.2	4,452,775.40	5,651,818	6,769,877	7,576,498.9
Mururu II	50,000.0	16,000.00	32,000	106,000	240,000.0
Goma			2,014,603		
Kamanyora	1,041,345.575	1,452,809.059	1,966,879	2,252,794	2,834,740.0
Total importation	96,212,066.1	104,753,176.66	107,089,762.82	97,273,816.98	2,379

In the first quarter of 2024, a total of 342.073 GWh of electricity was generated in Rwanda.

Domestic power plants contributed 81.6% of the total electricity generation, the Regional Shared plants contributed 11.9% of the total electricity generation, while 6.5% of the total electricity generation was imported.

Compared to the similar quarter in 2023, the total electricity generated in the first quarter of 2024 had increased by 13.3%, reflecting the growth of the energy sector in Rwanda.

Data sources

Rwanda Statistical Yearbook - 2024

EICV5 THEMATIC REPORT - Utilities and Amenities

EICV 4 THEMATIC REPORT - Utilities and amenities

EICV 3 THEMATIC REPORT - Utilities and amenities

ENERGY STATISTICS, 2017

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