

Table 14 · Annual Electricity Consumption in Selected African Countries That Consider the Nuclear Power Option (Excluding Egypt and South Africa)

Country	Annual Electricity Consumption (2022) (in TWh)	Installed Capacity (2022) (in MW)	Average Capacity Drawn (2022) (in MW)
Algeria	78.0	25,400	8,900
Burkina Faso	2.1	510	240
Burundi	0.4	120	50
Congo (Republic of)	2.2	3,040	250
Ethiopia	11.0	5,680	1,300
Ghana	19.0	5,190	2,200
Kenya	9.6	3,310	1,100
Libya	25.0	12,770	2,900
Mali	3.5	1,110	400
Morocco	35.0	9,890	4,000
Namibia	3.4	720	390
Nigeria	32.0	13,840	3,700
Rwanda	0.9	300	100
Sudan	15.0	3,870	1,700
Tanzania	7.9	?	900
Uganda	4.0	1,320	460
Zambia	15.0	3,820	1,700
Zimbabwe	8.9	2,230	1,000

Sources: U.S. EIA¹³⁸⁶ and Ember¹³⁸⁷, 2024

1386 - U.S. EIA, “International—Data—Electricity”, U.S. Energy Information Administration, Undated, see <https://www.eia.gov/international/data/world/electricity/electricity-consumption>, accessed 5 July 2024.

1387 - Ember, “Yearly electricity data”, 17 July 2024, see <https://ember-climate.org/data-catalogue/yearly-electricity-data/>, accessed 28 July 2024.