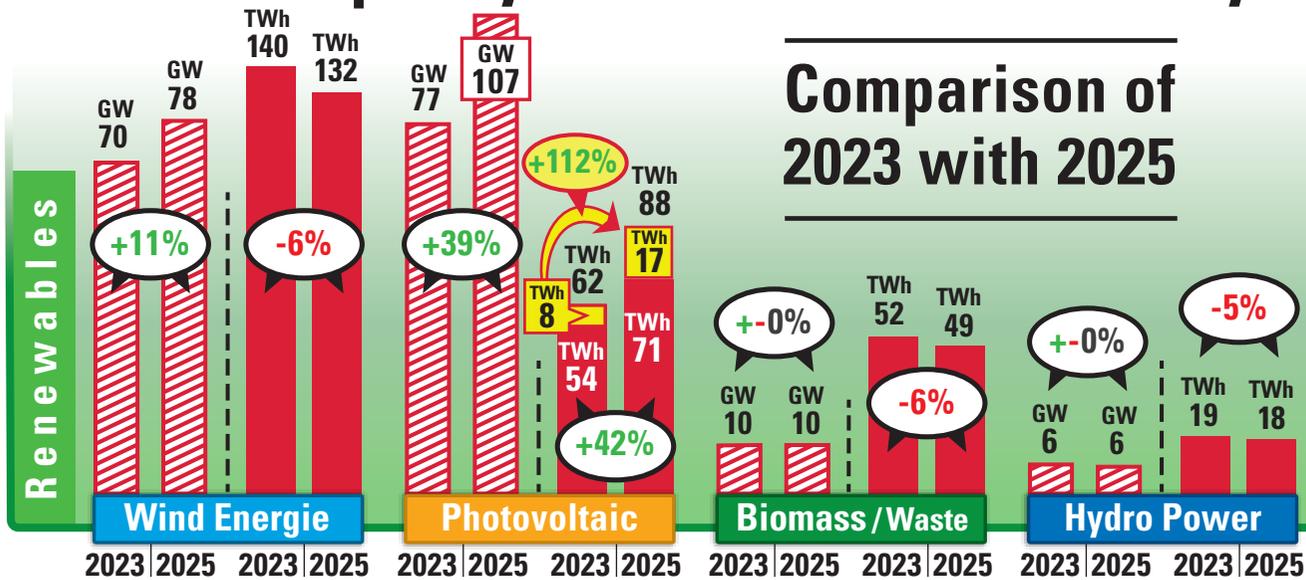


Installed Capacity and Delivered Electricity in Germany



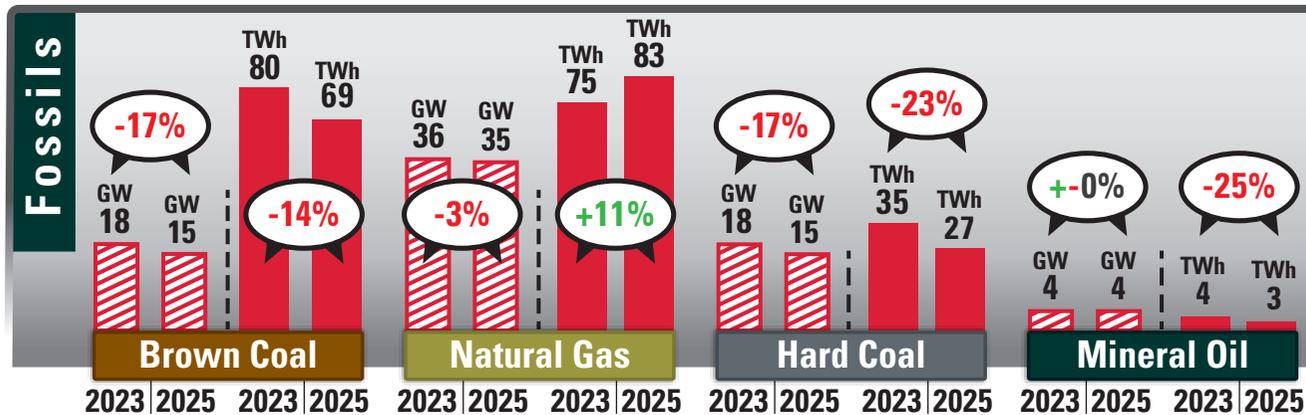
Installed Capacity: theoretical Maximum of a Plant, its maximum available Capacity.

Photovoltaic Self-Consumption: doubled in two years since 2019!

Amount of Electricity Generated = actual Supply, Electricity that goes to Consumers.

Renewables (Wind, Photovoltaic, Biomass, Hydro Power) occasionally high Output, fluctuating Weather and time-dependent Electricity volumes.

Fossils (Coal, Gas, Oil) offer high annual continuous Output, are more stable and controllable.



Nuklear

On April 15, 2023, the last three Nuclear Power Plants in Germany were forcibly shut down!

Year	Installed Capacity (GW)	Electricity Generated (TWh)
2023	4	7
2025	0	0

Installed Capacity: Maximum available Capacity of all Power Generators and Generators (for Photovoltaics: via Inverters), stated here in **Gigawatts (GW)**.

Electricity Volumes: Actual amount of Energy generated, calculated from $Voltage \times Current \times Time$, stated here in **Terawatt hours (TWh)**.

Utilization in %

Utilization in % (Full load hours) = Utilization rate / Operating hours in one year 100% = 8.760 hours