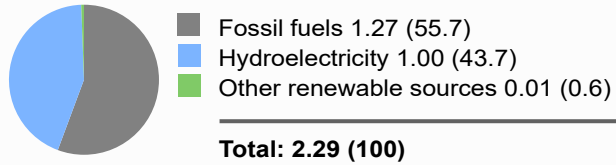


# Gabon • Fossil fuels and Electricity

## Gross electricity generation 2021, TWh (%):



Source: Based on the U.S. Energy Information Administration data (Sep 2023).

## Hydro power plants over 50 MW, MW:

- 1 Grand Poubara Dam, 160
- 2 Tchimbele Dam, 68
- 3 Kinguele Dam, 56

## Gas power plants over 50 MW, MW:

- 1 Owendo, 151

## Combined power plants over 50 MW, MW:

- 1 Port Gentil (Mandji), 105
- 2 Alenakiri (Libreville), 70

- 225 kV line in service
- National grid 225 kV of other power plants, grid connection points, substations



## Oil refinery, bpd:

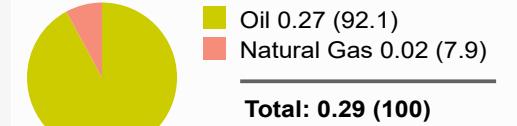
- 1 Sogara Port-Gentil, 21 000



## Key FPSO terminals:

- 1 Knock Allan, Yinson
- 2 Petroleo Nautipa, Vaalco Energy

## Conventional proved reserves by fuels in 2021, Billion tonnes of oil equivalent (%):



Source: Based on the U.S. Energy Information Administration data (Sep 2023).



## Key oil terminals:

- 1 Port Gentil (Cape Lopez)
- 2 Gamba



## Key oil storages:

- 1 Owendo
- 2 Moanda
- 3 Port-Gentil
- 4 Ndjole
- 5 Lambarene



## Key oil extraction fields:

- 1 Rabi Kounga
- 2 Gamba/Ivinga
- 3 Atora
- 4 Anguille (offshore)
- 5 Etame (offshore)



Oil extraction sites



Natural gas extraction sites

Oil field

Crude oil pipeline

Natural gas pipeline



www.aenert.com

In 2019 Gabon had 0.75 GW of electricity installed generating capacity. As of the end of 2016, Gabon registered 3 small-scale hydropower plants up to 10 MW with a total installed capacity of 4.6 MW.

Sources: U.S. Energy Information Administration (2020); World Small Hydropower Development Report 2019.

At the end of 2020 Gabon had 2.0 billion barrels of proved oil reserves, extracted about 173.2 thousand barrels of crude oil per day and 0.9 Tcf of proved natural gas, extracted about 11.3 Bcf of natural gas.

Gabon's conventional oil infrastructure include 1 operating oil refinery with a total crude oil processing capacity of 21 000 bpd; some oil terminals and FPSO terminals. There are 1639 km of crude oil pipeline. Conventional natural gas - include 807 km of natural gas pipeline and some gas processing plants.

Sources: U.S. Energy Information Administration (Dec 2021); Central Intelligence Agency; A Barrel Full; Wikipedia.