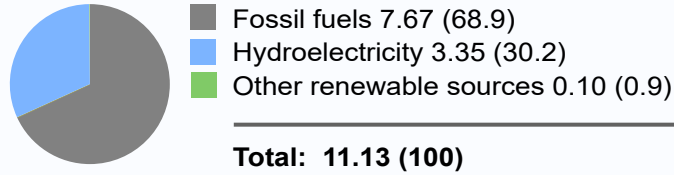


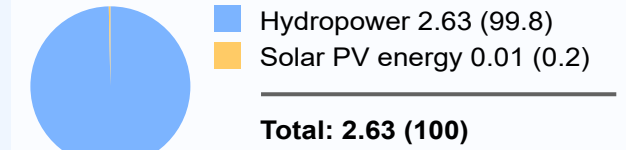
Côte d'Ivoire • Electricity and Renewable energy

Gross electricity generation 2022, TWh (%):



Source: Based on the U.S. Energy Information Administration data (Mar 2024).

Gross electricity generation from renewable sources by 2021, TWh (%)



Source: Renewable Energy Statistics 2023 © IRENA

Key natural gas power plants over 100 MW, MW:

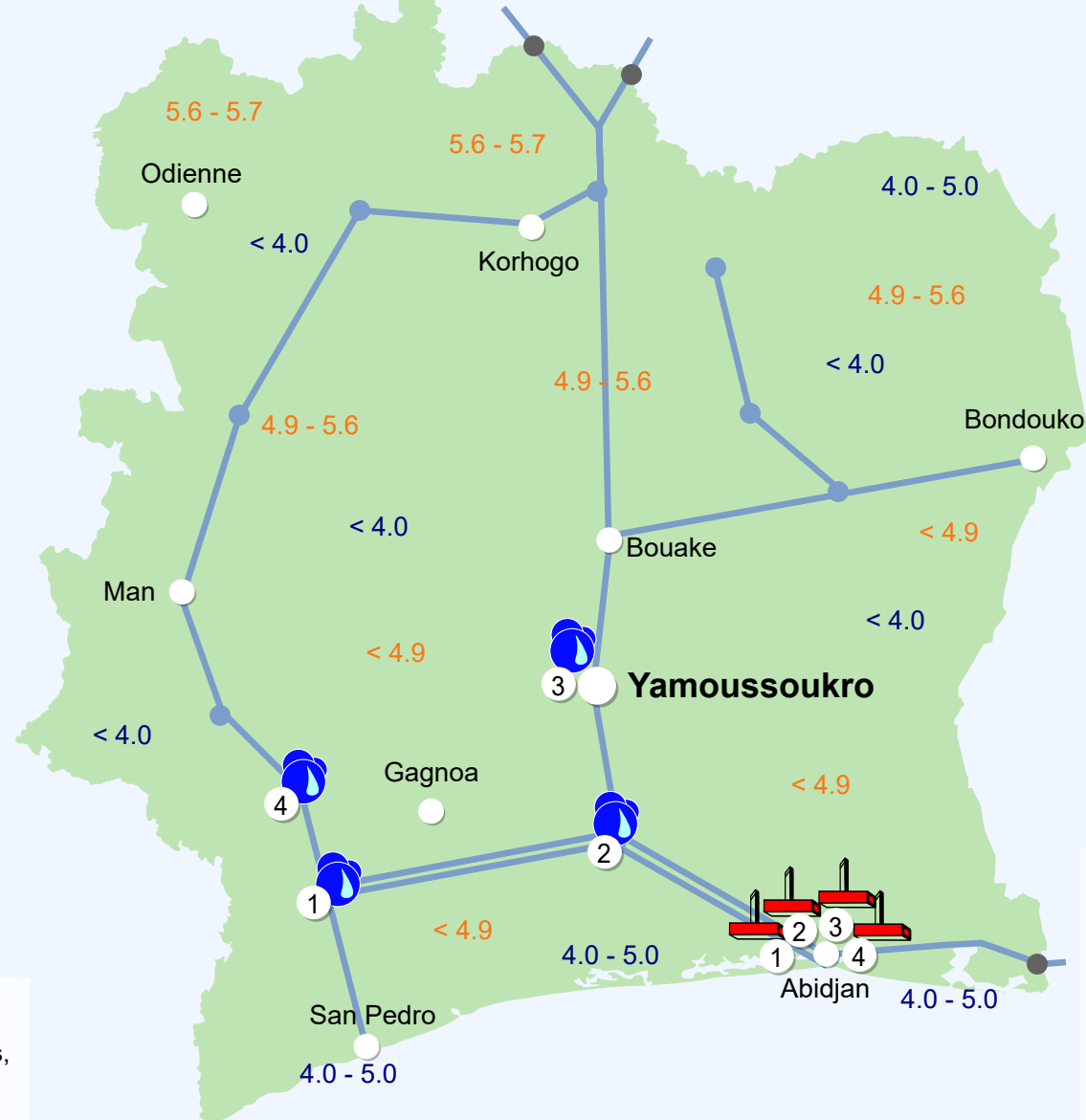
- 1 CIPREL, 543
- 2 Azito, 450
- 3 Aggreko Vridi, 200
- 4 Vridi-1, 100

Hydro power plants over 100 MW, MW:

- 1 Soubre Dam, 275
- 2 Taabo Dam, 210
- 3 Kossou Dam, 174
- 4 Buyo Dam, 165

In 2019 Côte d'Ivoire had 2.2 GW of electricity installed generating capacity. As of 2018, Côte d'Ivoire registered only 1 small-scale hydropower plant up to 10 MW with a total installed capacity of 5.0 MW.

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



0.0 kWh/m²/d Global Horizontal Irradiation (GHI)
0.0 m/s Wind speed

High activity areas:

The most common solar GHI intensity is 5.6 - 5.7 kWh/m² per day, distributed in northwest part of country, between Denguele and Savanes districts.

The most common wind speed is 4.0 - 5.0 m/s at 50 m are distributed in southern part of country, along coastline of the Gulf of Guinea.

Source: Energydata.info

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