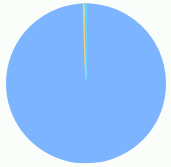


Venezuela • Renewable energy

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

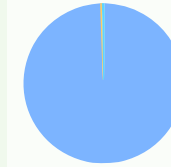


Hydropower 62.52 (99.8)
Solar PV energy 0.01 (0.0)
Wind energy 0.09 (0.2)

Total: 62.62 (100)

Source: Renewable Energy Statistics 2023 © IRENA

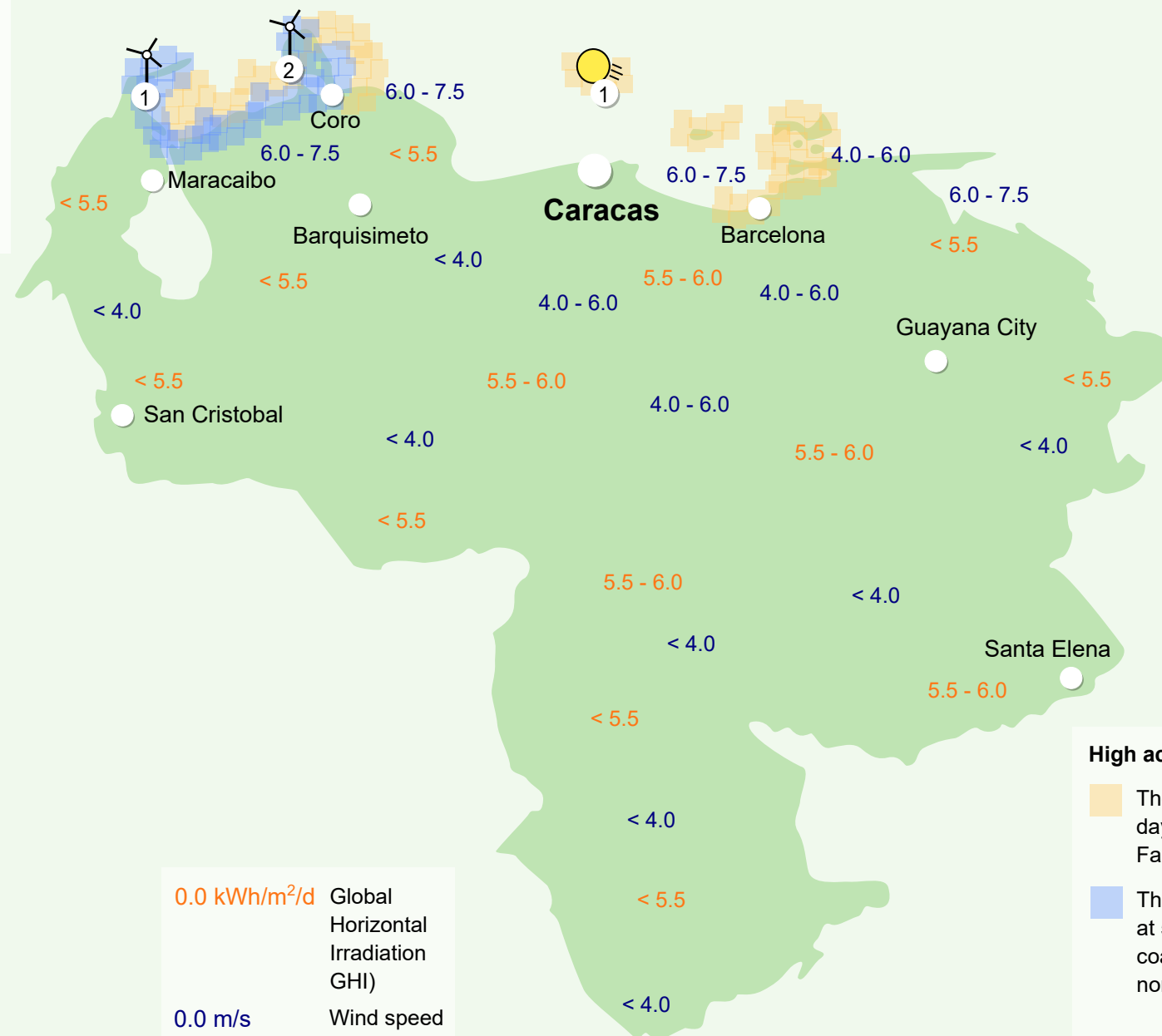
Total installed renewable energy power capacity by 2022, GW (%)



Hydropower 16.83 (99.2)
Solar PV energy 0.01 (0.0)
Wind energy 0.14 (0.8)

Total: 16.98 (100)

Source: Renewable Energy Statistics 2023 © IRENA



Wind power plants over 1 MW, MW:

- 1 La Guajira, 25.2
- 2 Paraguaná (Los Taques), 20.0

Solar PV power plants over 1 MWe, MWe:

- 1 Los Roques archipelago, Yingli, 1.1

High activity areas:

- The most common solar GHI intensity is over 6.0 kWh/m² per day, distributed in the northwestern part of country, Zulia and Falcon states, and in the northeastern, in Nueva Esparta state.
- The most common wind speed is over 7.5 m/s per year at 50 m are distributed in along the Venezuelan northwestern coastline with the Caribbean Sea and the Atlantic Ocean in the northeast, in the states of Zulia and Falcon.

Source: Energydata.info

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

