

On average, many African countries receive bright sunlight 325 days per year. Solar power has the potential to bring energy to practically any part of Africa without needing expensive large scale grid level infratructural developments.

More than 80% of Africa's landscape recieves almost 2000 kW-h per square meter per year. A solar generating facility that covers 0.3% of the area of North Africa could supply all the energy required by the European Union.

http://userwww.sfsu.edu/ciotola/solar/asn_94nuclear.html

Solar Radiation Map of Africa

<1600 1800 2000 2200 2400 kWh/m²