

Year

1990 2020

Country

All

7.01K

Country Average (TWh)

Continent

☐ Africa

☐ Asia

☐ BRICS

☐ CIS

☐ Europe

1.02M

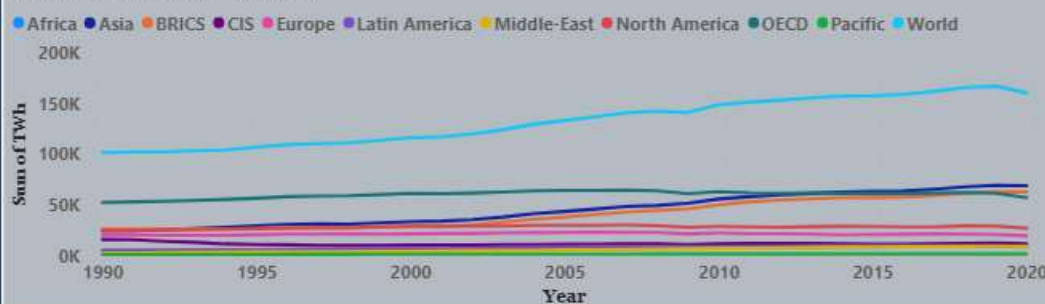
Continent Average (TWh)

Global Energy Trends Through Time

Country Consumption



Sum of TWh by Year and Continent



Energy Sources

Non-Renewable Sources

Coal

Municipal
Wastes

Natural Gas

Nuclear

Oil

Waste

45.28K

Sum of Contribution (TWh)

2.64K

Median of Contribution (TWh)

6.06K

Standard deviation of Contribution (TWh)

36.75M

Variance of Contribution (TWh)

Renewable Sources

Biofuel

Geothermal

Hydro

Renewable
waste

Solar PV

Non-Renewable Sources of Energy



Renewable Power Generation 1997-2017



Renewable Sources of Energy



Power Generation: Top 20 Countries

1.02K

Sum of Biofuel(TWh)

53.34

Sum of Geothermal (TWh)

3.04K

Sum of Hydro(TWh)

396.56

Sum of Solar PV (TWh)



Country

- ☐ Australia
- ☐ Brazil
- ☐ Canada
- ☐ China
- ☐ France
- ☐ Germany
- ☐ India
- ☐ Indonesia
- ☐ Iran
- ☐ Italy
- ☐ Japan
- ☐ Mexico
- ☐ Russia
- ☐ South Korea
- ☐ Spain
- ☐ Taiwan
- ☐ Thailand
- ☐ Turkey
- ☐ UK
- ☐ USA

Report on Global Energy Trends

- The continent with the highest overall energy consumption is Asia, and China continues to be the top consumer of power among all the countries.
- Hydro electricity has been steadily rising over the last 3 decades and continues to be a promising renewable source.
- Tidal energy takes up a major share of renewable energy with 42.95% and coal is the at the top of non-renewable energy with 50.72%.
- Across the Top 20 countries, the Sum of Total (TWh) ranged from 12.40 to 1,819.94.
- Biofuel and total Geothermal energy are positively correlated with each other.
- In a span of 28 years, Biofuel ranged from 3.88(TWh) to 1,127.31(TWh), Geothermal ranged from 36.42(TWh) to 85.34(TWh), and Hydro ranged from 2,191.67(TWh) to 4,197.29(TWh).

Consumption: OECD, BRICS, CIS

Sum of CIS Sum of BRICS Sum of OECD



Energy Consumed: Africa

Sum of Algeria Sum of Egypt Sum of Nigeria Sum of South Africa

