

Global Energy Trends Through Time

Year

1990 2020

Country

All

7.01K

Country Average(TWh)

Continent

☐ Africa

☐ Asia

☐ BRICS

☐ CIS

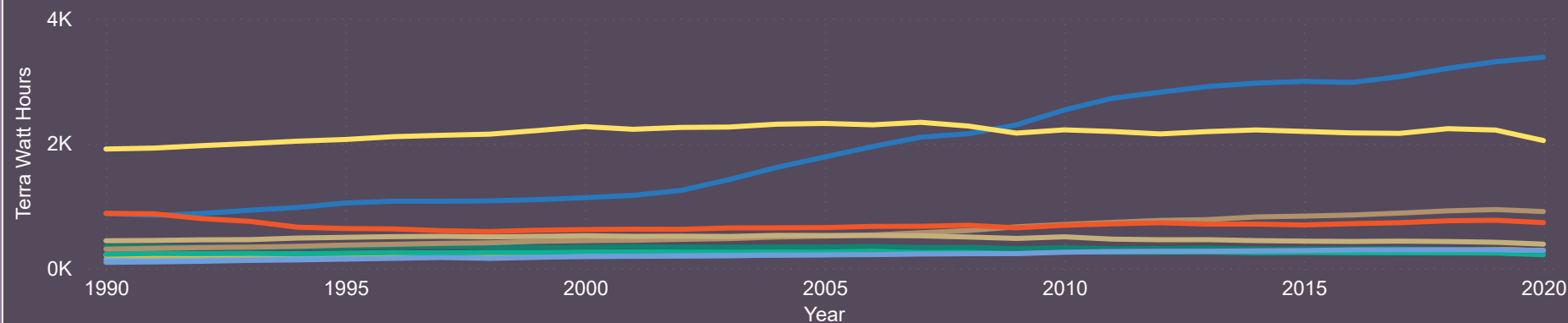
☐ Europe

1.02M

Continent Average(TWh)

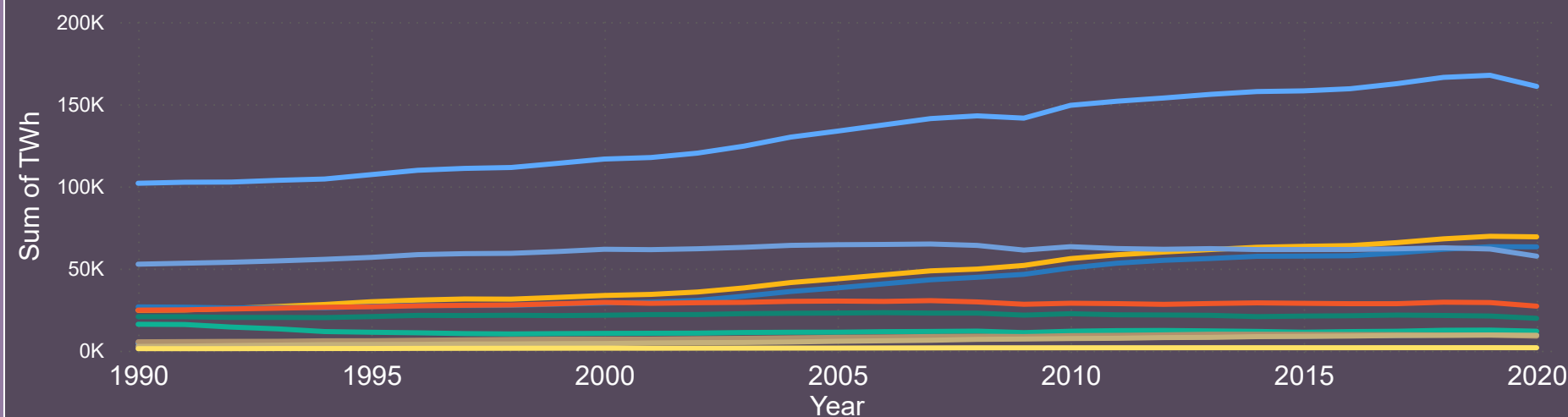
Country Consumption

● Brazil ● Canada ● China ● France ● Germany ● India ● Japan ● Russia ● South Korea ● United States



Sum of TWh by Year and Continent

● Africa ● Asia ● BRICS ● CIS ● Europe ● Latin America ● Middle-East ● North America ● OECD ● Pacific ● World



Energy Production : Sources

Non-Renewable Sources

Coal

Municipal
Wastes

Natural
Gas

Nuclear

Oil

Waste

Renewable Sources

Biofuel

Geothermal

Hydro

Renewable
waste

Solar PV

Wind

45.28K

Sum of Contribution (TWh)

2.64K

Median of Contribution (TWh)

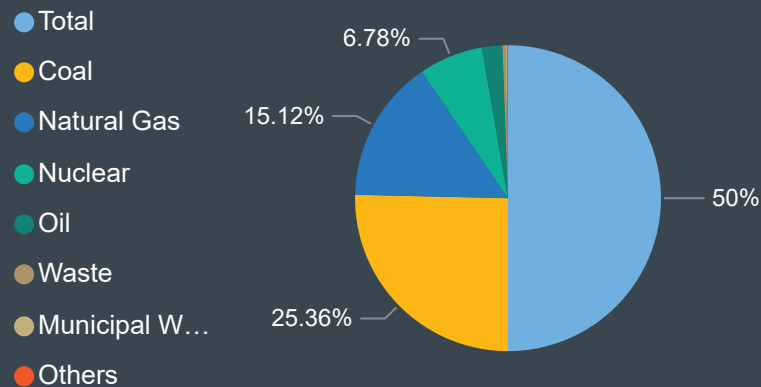
6.06K

Standard deviation of Contribution...

36.75M

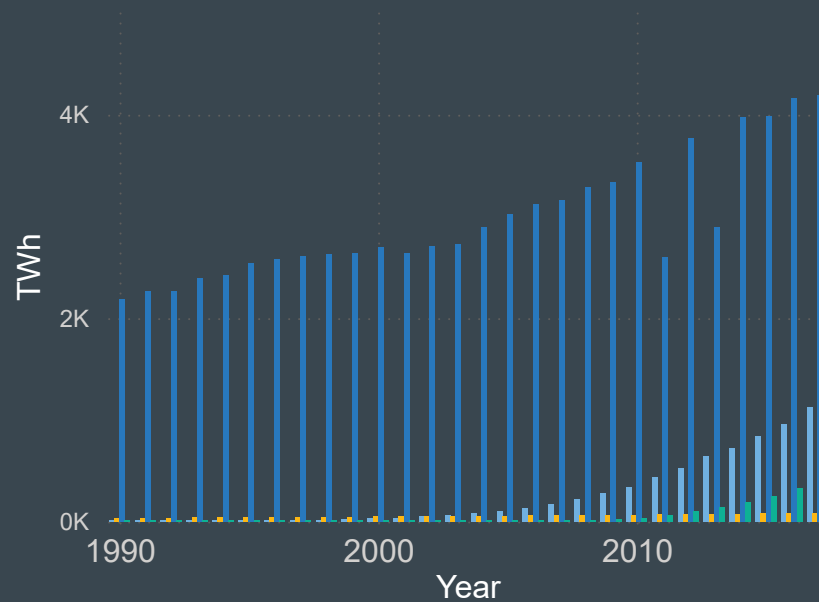
Variance of Contribution (TWh)

Non-Renewable Sources of Energy

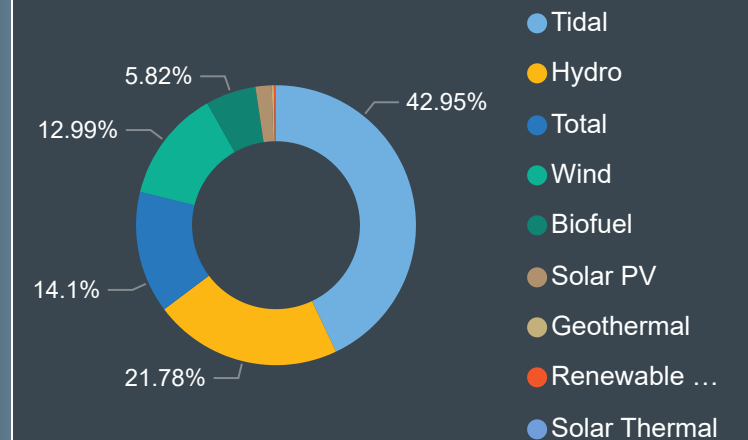


Renewable Power Generation : 1997-2017

● Biofuel(TWh) ● Geothermal (T... ● Hydro(TWh) ● Solar PV (T...



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)

● China ● USA ● Brazil ● Canada ● India ● Germany ● Russia ● Japan ● France ● Italy ● UK ● Spain ● Turkey ● Mexico ● Australia ● Indonesia ● Thailand ▶



Country

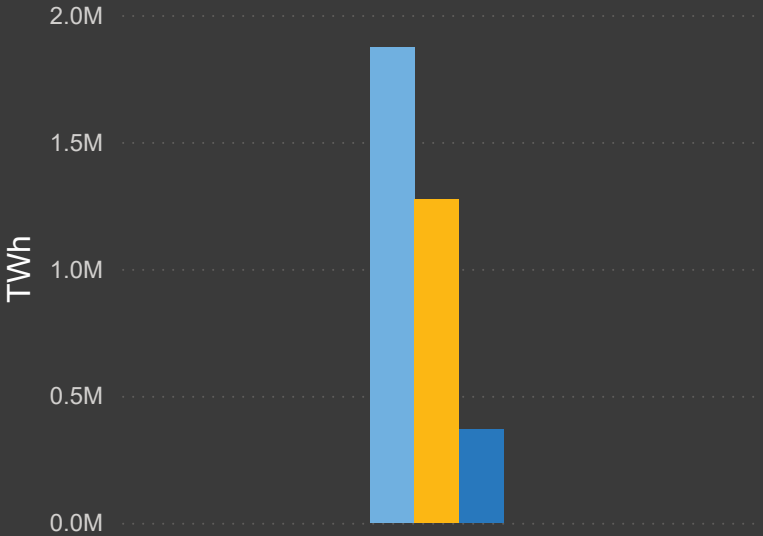
- ☐ Australia
- ☐ Brazil
- ☐ Canada
- ☐ China
- ☐ France
- ☐ Germany
- ☐ India
- ☐ Indonesia
- ☐ Iran
- ☐ Italy
- ☐ Japan
- ☐ Mexico
- ☐ Russia
- ☐ South Korea
- ☐ Spain
- ☐ Taiwan
- ☐ Thailand
- ☐ Turkey
- ☐ UK
- ☐ USA

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 continues.
- 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 countries, the Sum of Total (TWh) ranged from 12.40 to 1819.94.
- 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 21,191.67(TWh) to 4,192.29(TWh).

Consumption OECD,BRICS,CIS

● Sum of OECD ● Sum of BRICS ● Sum of CIS



Energy Consumed : Africa

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

