

Year

1990

2020



Country

All

7.01K

Country Average (Twh)

Continent

All

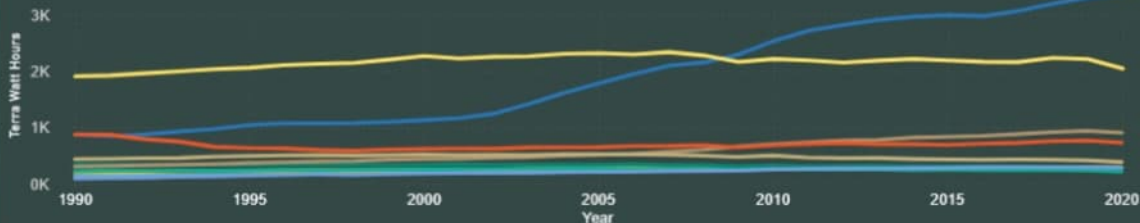
1.02M

Continent Average(Twh)

# Global Energy Trends Over Time

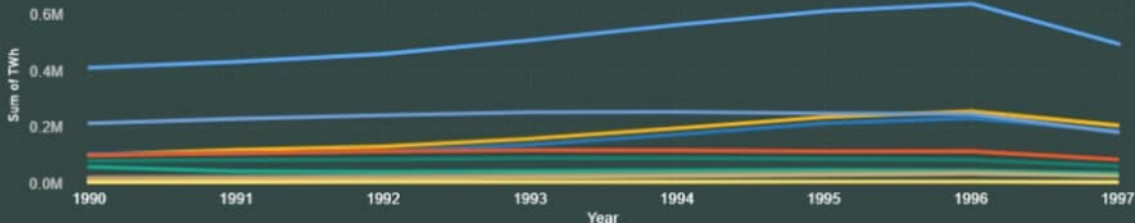
## Country Consumption

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

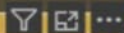


## Continent-Wise Energy Consumption over the years

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



# Energy Sources



## Non Renewable Sources

Coal

Municipal  
Wastes

Natural  
Gas

Nuclear

Oil

Waste

## Renewable Sources

Biofuel

Geothermal

Hydro

Renewable  
waste

Solar PV

Tidal

45.28K

Sum of Contribution (TWh)

2.64K

Median of Contribution (TWh)

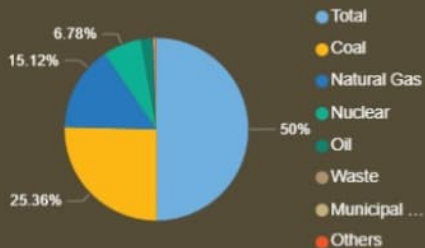
6.06K

Standard deviation of Contribution...

36.75M

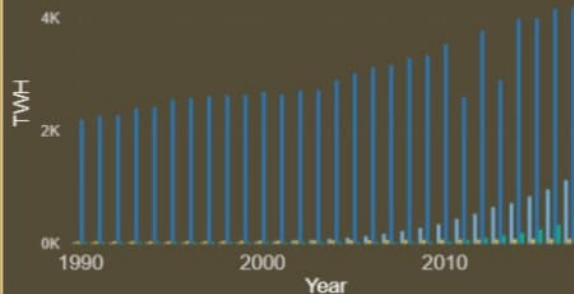
Variance of Contribution (TWh)

## Non Renewable Sources of Energy

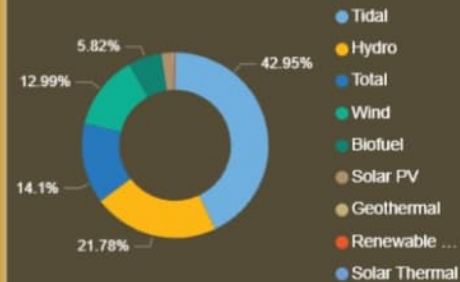


## Renewable Power Generation 1997-2017

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



## Renewable Sources of Energy



## Power Generation in Top 20 Countries

1.02K

Sum of Biofuel(TWh)

53.34

Sum of Geothermal ...

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

# Report on Global Energy Trends

- The continent with highest overall 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 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).

