Global Energy Trends Through Time

Year
1990
2020

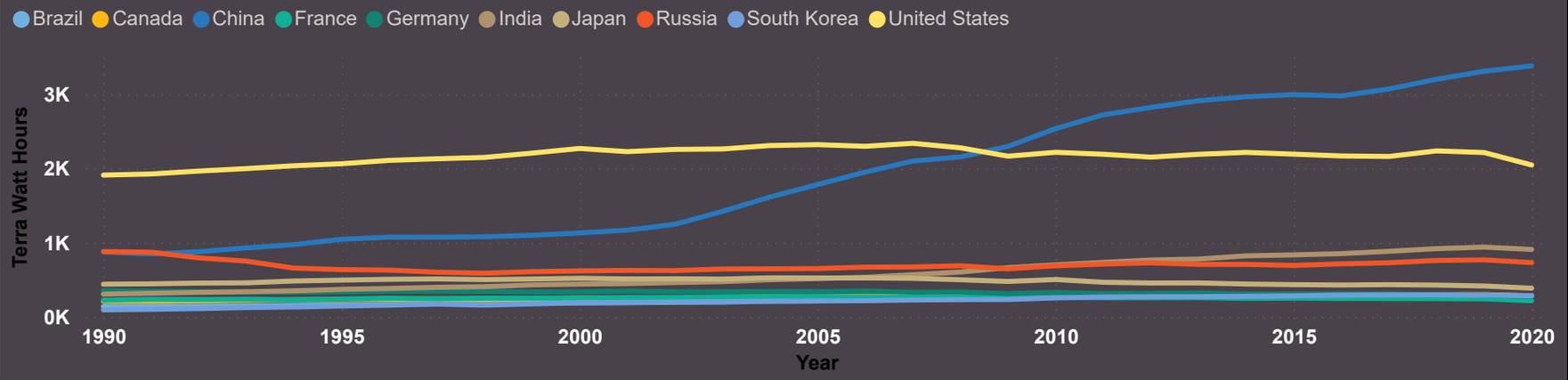
Country
All

7.01K
Country Average (TWh)

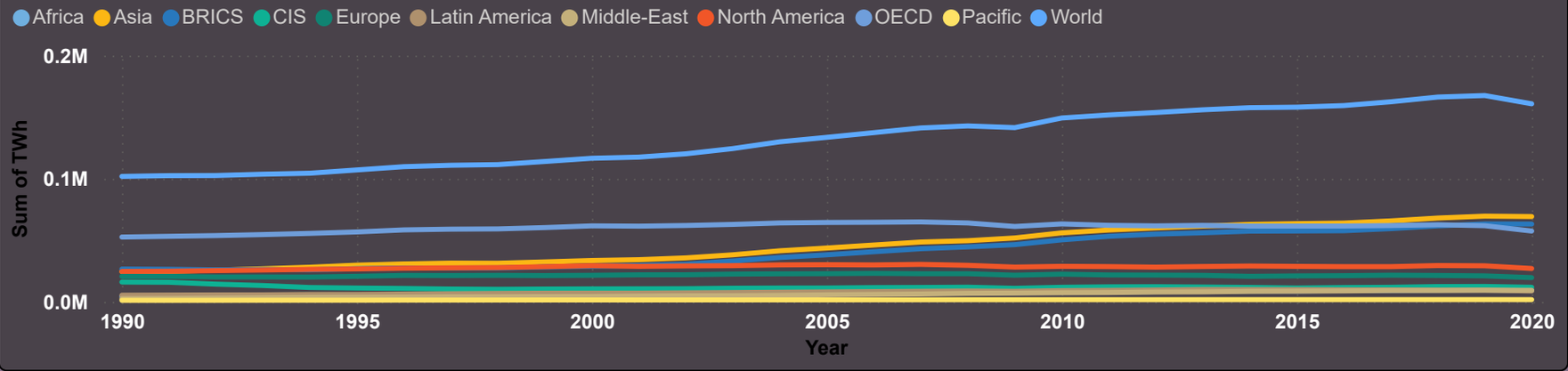
Continent
All

1.02M
Continent Average (TWh)

Country Consumption



Continent Consumption



Energy Sources

Non-Renewable Sources

Coal | Municipal Wastes | Natural Gas | Nuclear | Oil | Waste

Renewable Sources

Biofuel | Geothermal | Hydro | Renewable waste | Solar PV | Wind

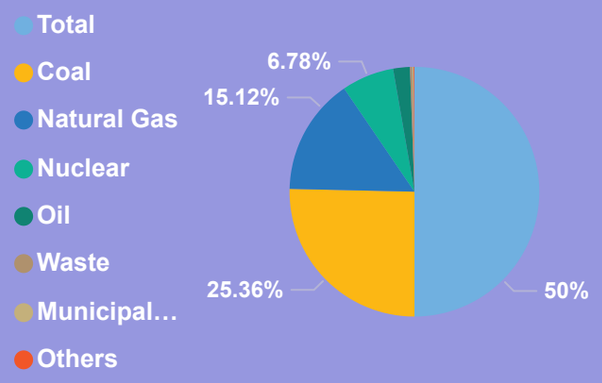
45.28K
Sum of Contribution (TWh)

2.64K
Median of Contribution (TWh)

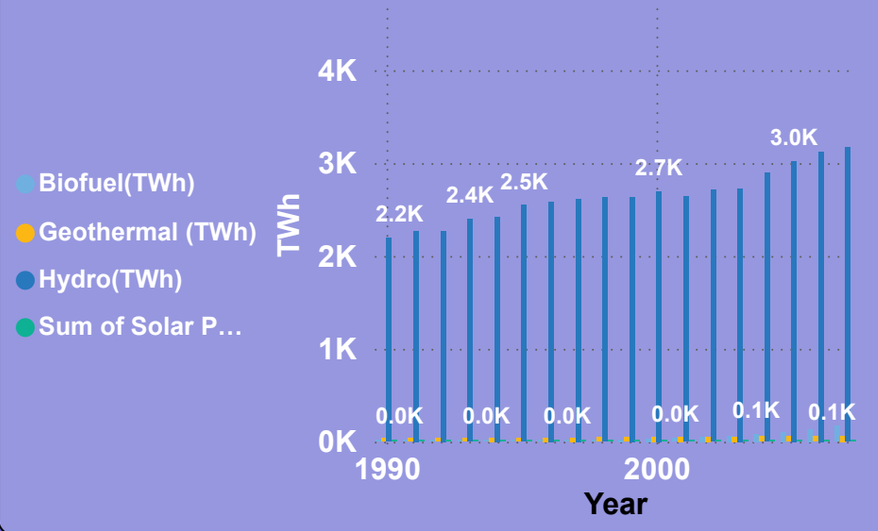
6.06K
Standard deviation of Contribution (TWh)

36.75M
Variance of Contribution (TWh)

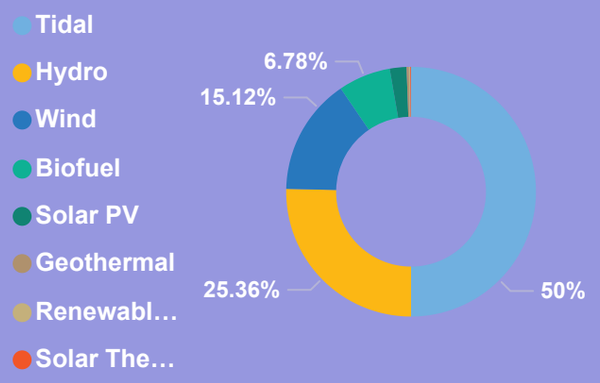
Non-Renewable Sources of Energy



Renewable Energy Generation 1997-2017



Renewable Sources of Energy

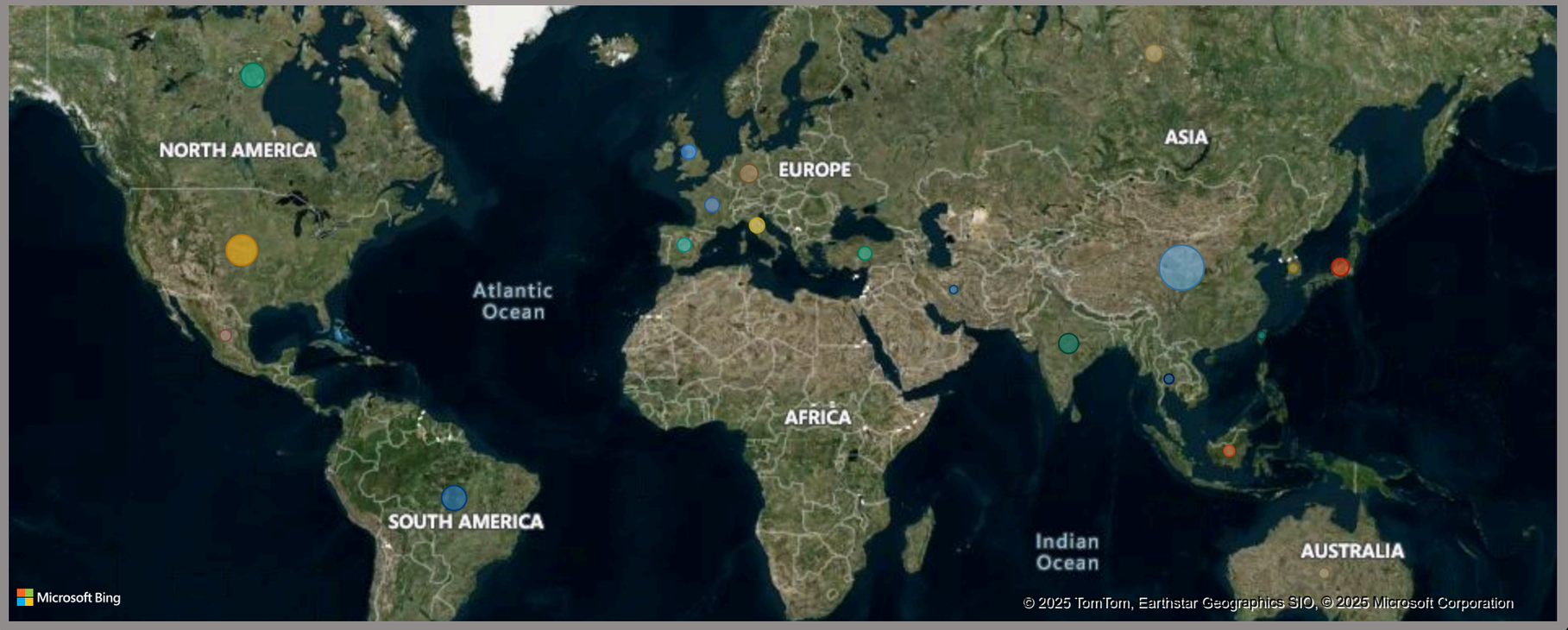


Power Generation: Top 20 Countries

1.02K	53.34	3.04K	396.56
Sum of Biofuel(TWh)	Sum of Geothermal (T…	Sum of Hydro(TWh)	Sum of Solar PV (TWh)

Sum of Total (TWh) by Country and Country

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



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 raising over the last 3 decades and continues to be a promising renewable source.
- Tidal energy takes up the 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 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 1127.31 (TWh), Geothermal ranged from 36.42 (TWh) to 85.34 (TWh), and Hydro ranged from 2191.67 (TWh) to 4197.29 (TWh).