

Energy Consumption in 2015 G20 Countries (TJ)

253,54 mln

Energy Consumption in 2015 USA (TJ)

58,48 mln

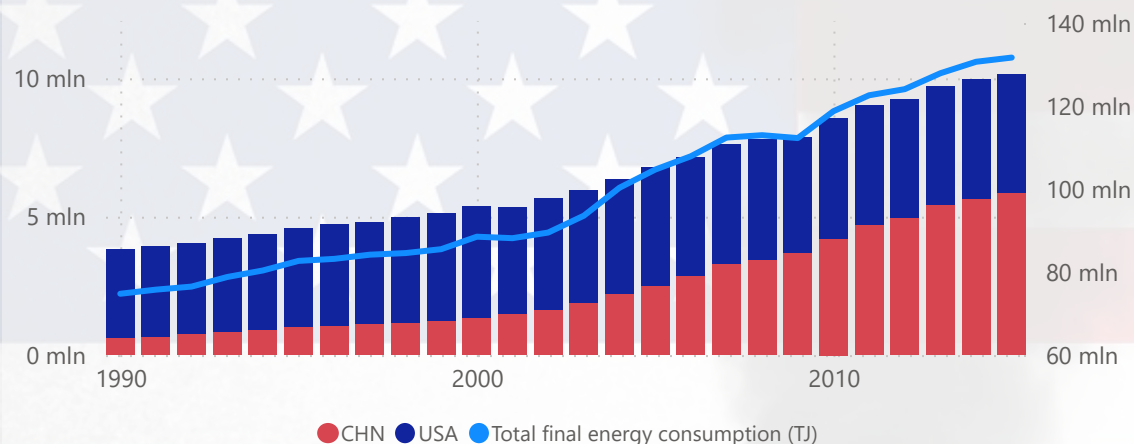
Energy Consumption in 2015 CHN (TJ)

73,18 mln

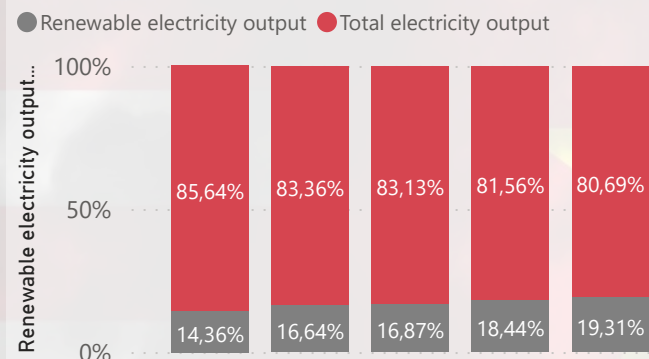
% of Energy Consumption in 2015 in US & CHN vs G20 Countries

51,93%

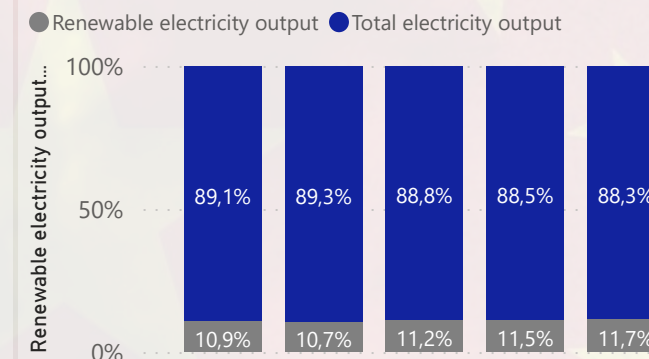
Total electricity output (GWh) vs Total final energy consumption (TJ)



Renewable electricity output (GWh) vs Total electricity output (GWh) in CHN

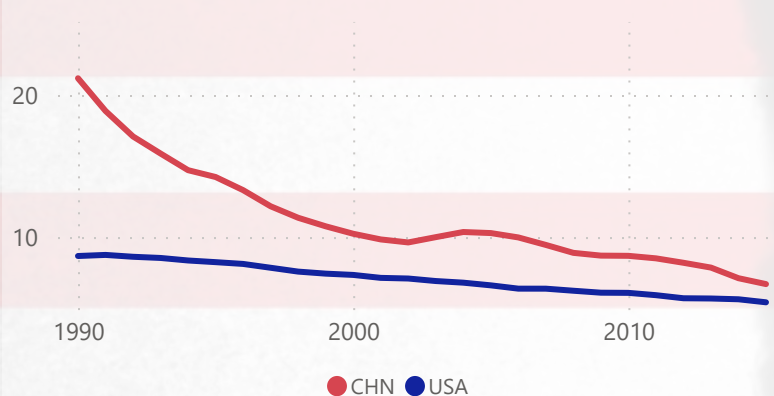


Renewable electricity output (GWh) vs Total electricity output (GWh) in USA



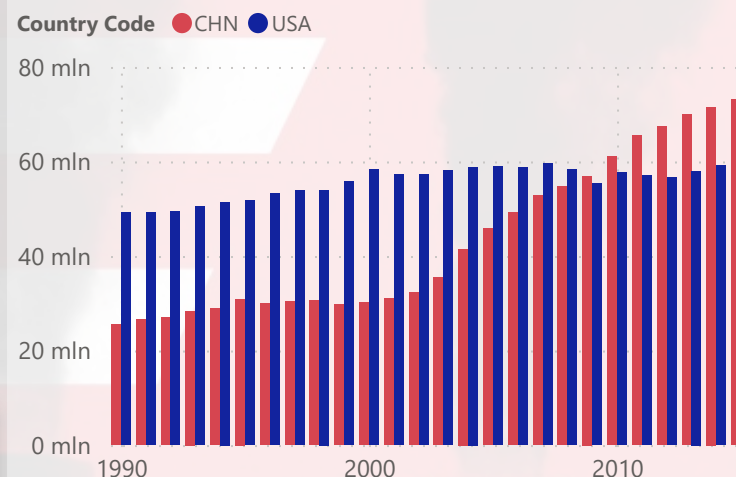
The comparison between the renewable electricity output in the USA and China reveals a substantial increase in both countries, with China exhibiting a significantly more remarkable growth rate. Over the span of only five years, China's renewable electricity output experienced a remarkable surge of approximately 5% in comparison to non-renewable sources, whereas the USA witnessed a more modest increase of less than 1%.

Energy intensity level of primary energy

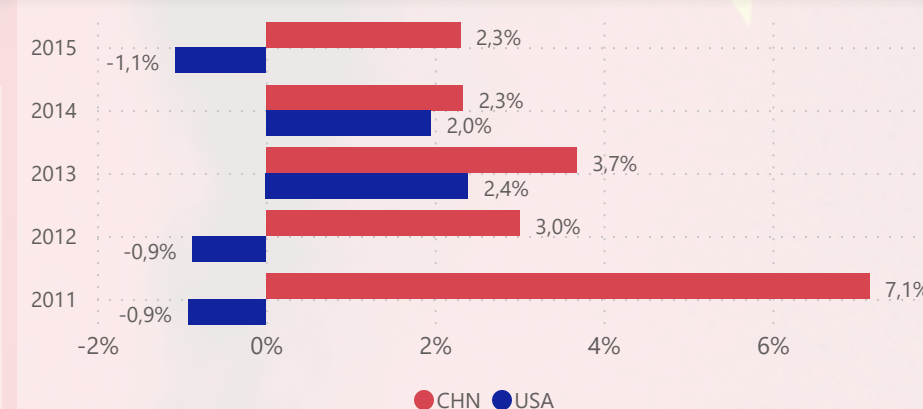


Energy intensity level of primary energy (MJ/2011 USD PPP): A ratio between energy supply and gross domestic product measured at purchasing power parity. Energy intensity is an indication of how much energy is used to produce one unit of economic output. A lower ratio indicates that less energy is used to produce one unit of output.

Comparison of total energy consumption (TFEC) (TJ) in USA & CHN over years



YoY % Energy consumption (TFEC) (TJ)



Over a span of 25 years, a striking contrast emerges between China and the United States in terms of energy consumption growth. China's energy consumption has surged by nearly three times during this period, reflecting an impressive upward trajectory. In contrast, the United States has experienced less than 20% growth in energy consumption over the same time frame, indicating a comparatively slower pace of expansion. This disparity highlights China's significant rise as a major consumer of energy and underscores the need for sustainable energy strategies to address growing demands in both countries.