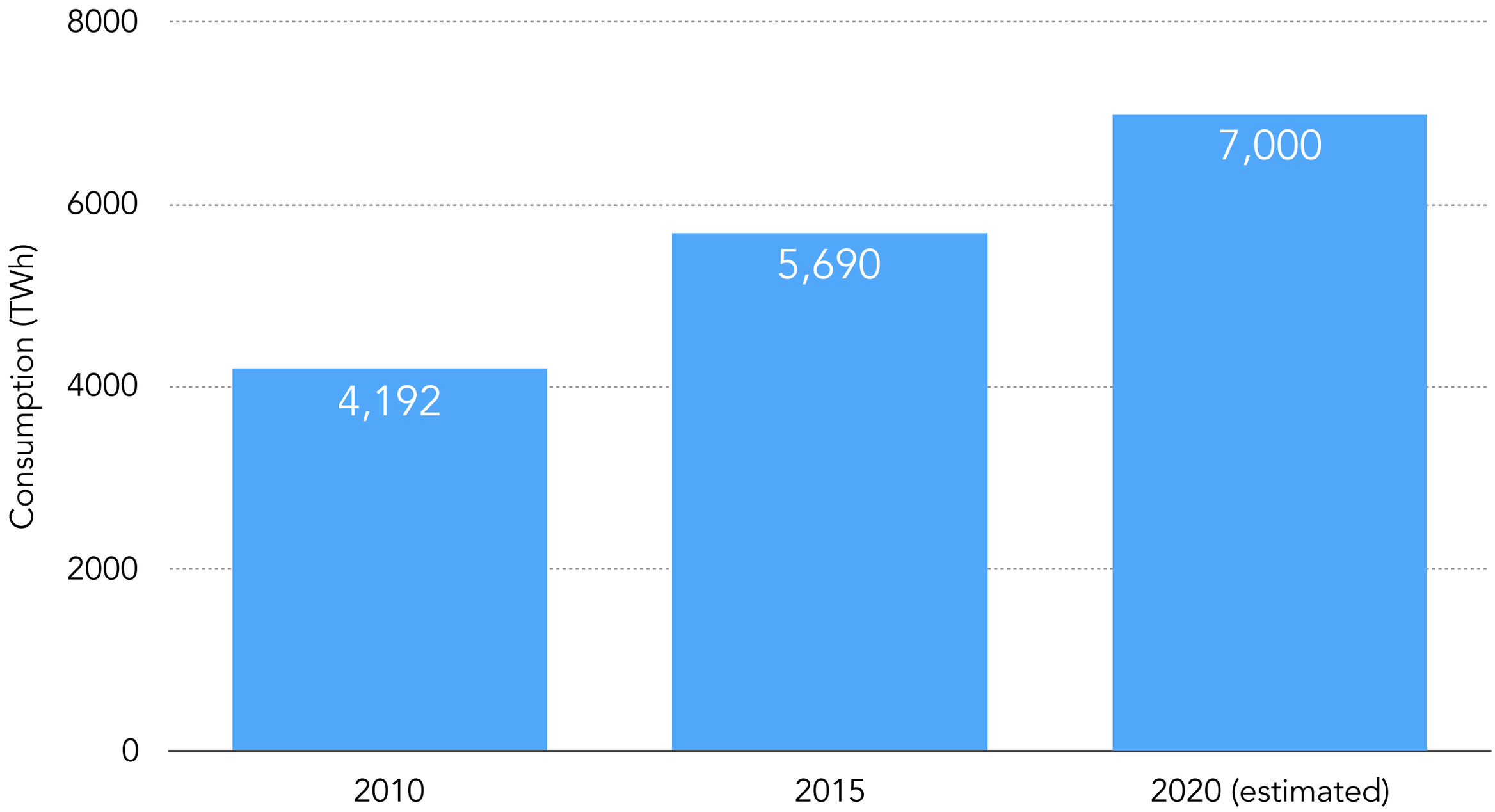
China

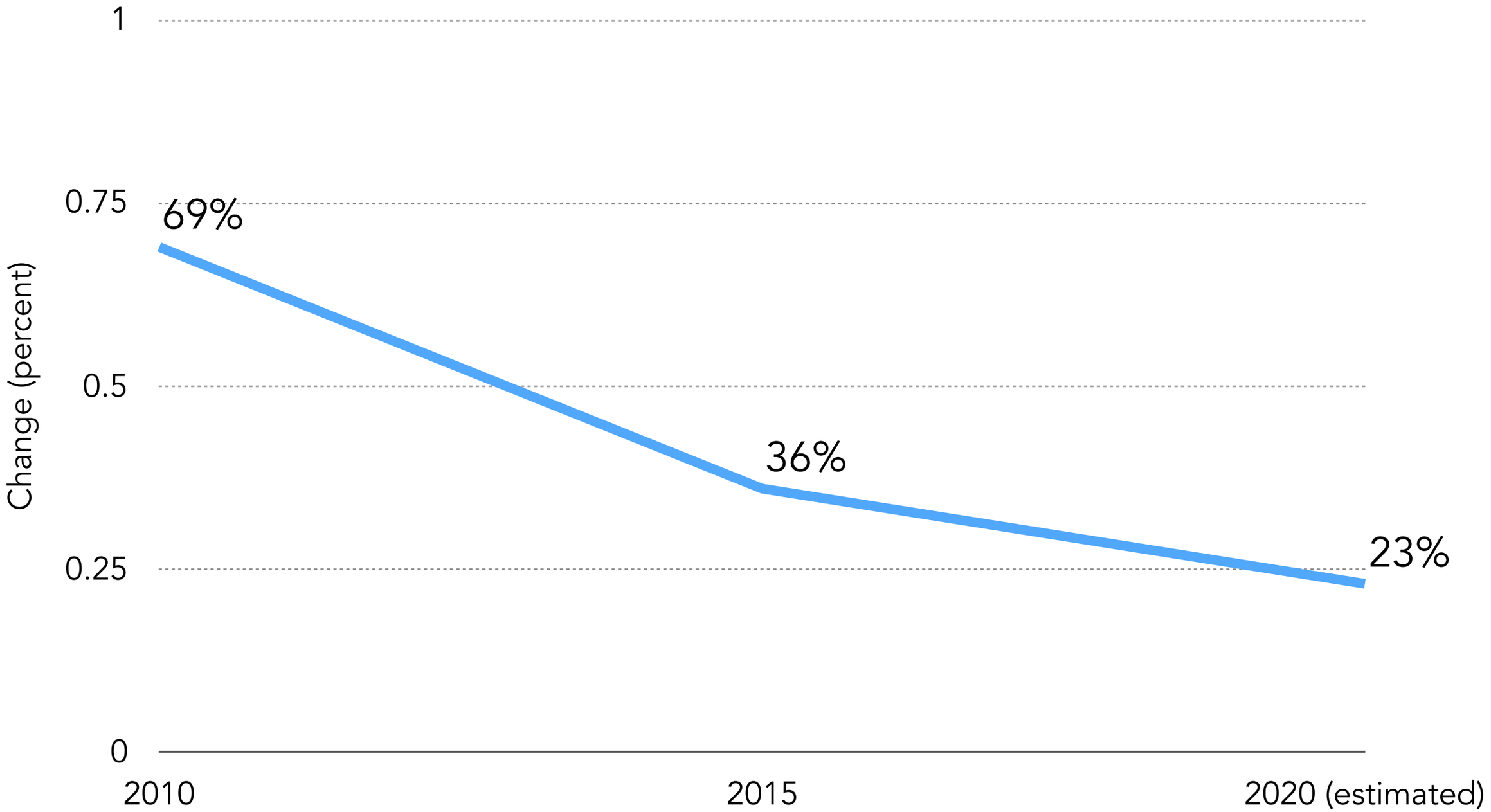
A Closer Look

Change in China's electricity consumption, 2010-2020



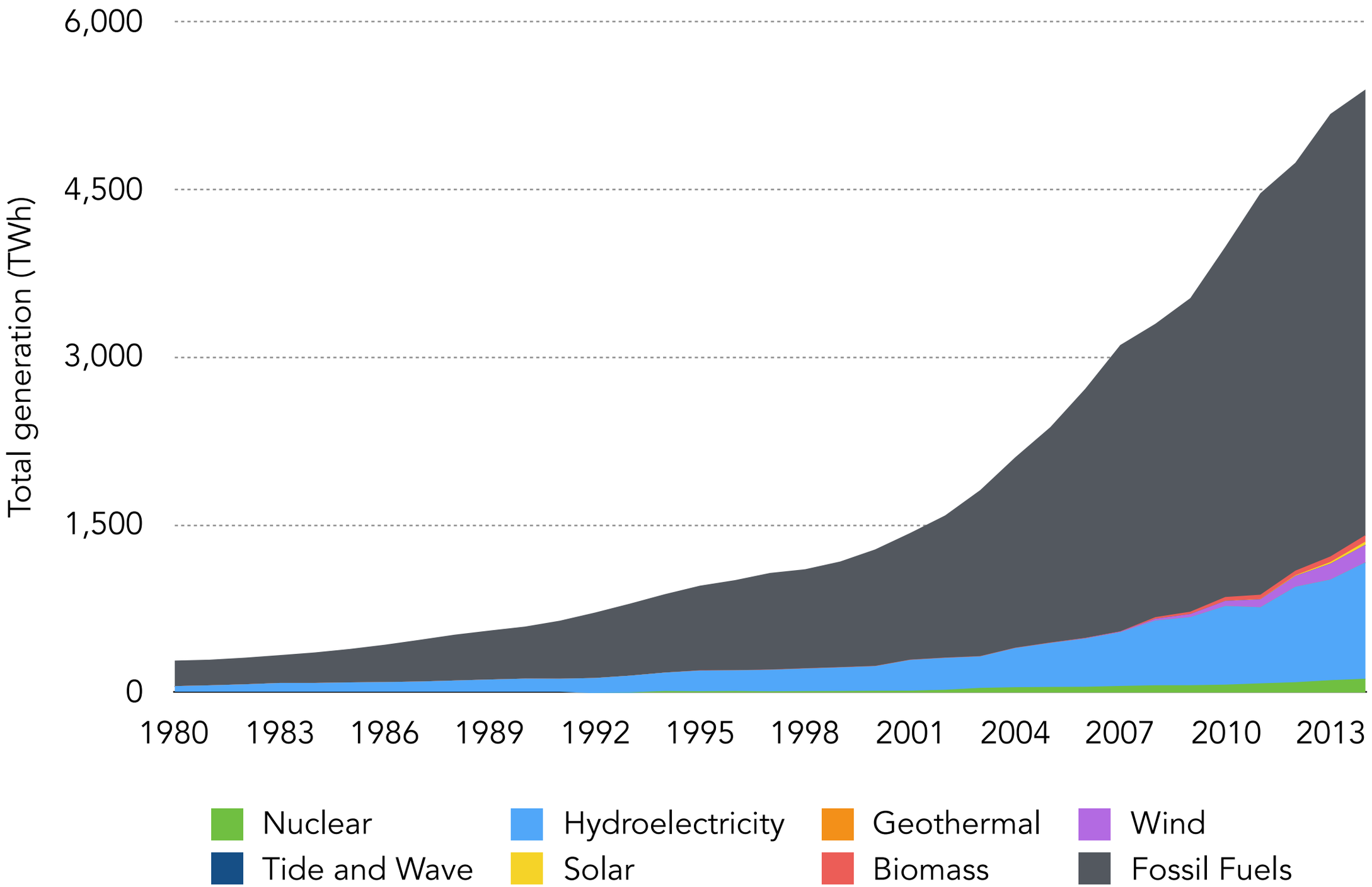
Source: China Electricity Council, National Energy Administration of China. Data provided by Kun Chen, Shanghai Institute of Applied Physics.

Percent change in China's electricity consumption, 2010-2020



Source: China Electricity Council, National Energy Administration of China. Data provided by Kun Chen, Shanghai Institute of Applied Physics.

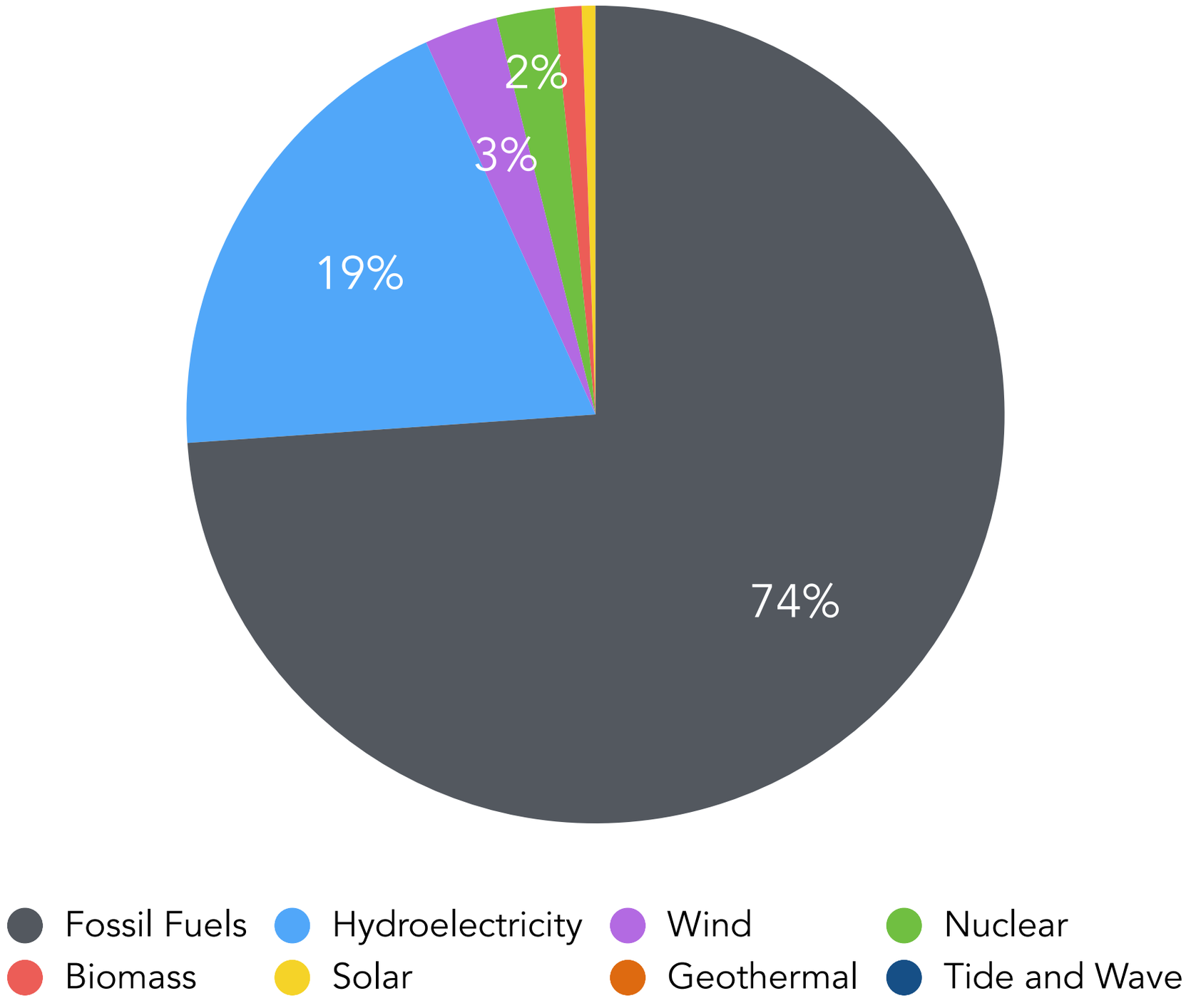
China's electricity mix, 1980 - 2014



ENVIRONMENTAL PROGRESS

Source: U.S. Energy Information Administration

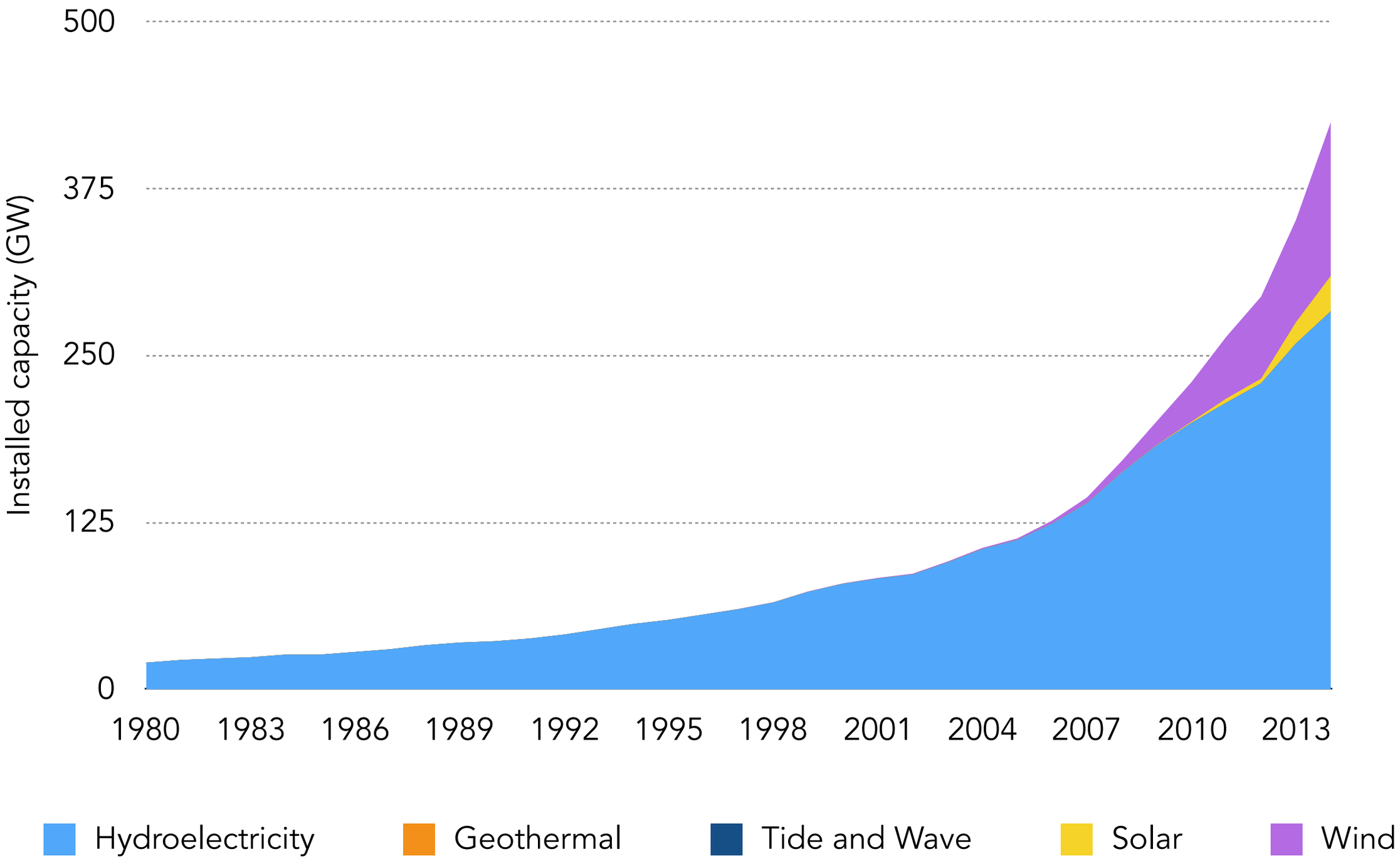
China’s electricity generation mix, 2014



ENVIRONMENTAL PROGRESS

Source: U.S. Energy Information Administration

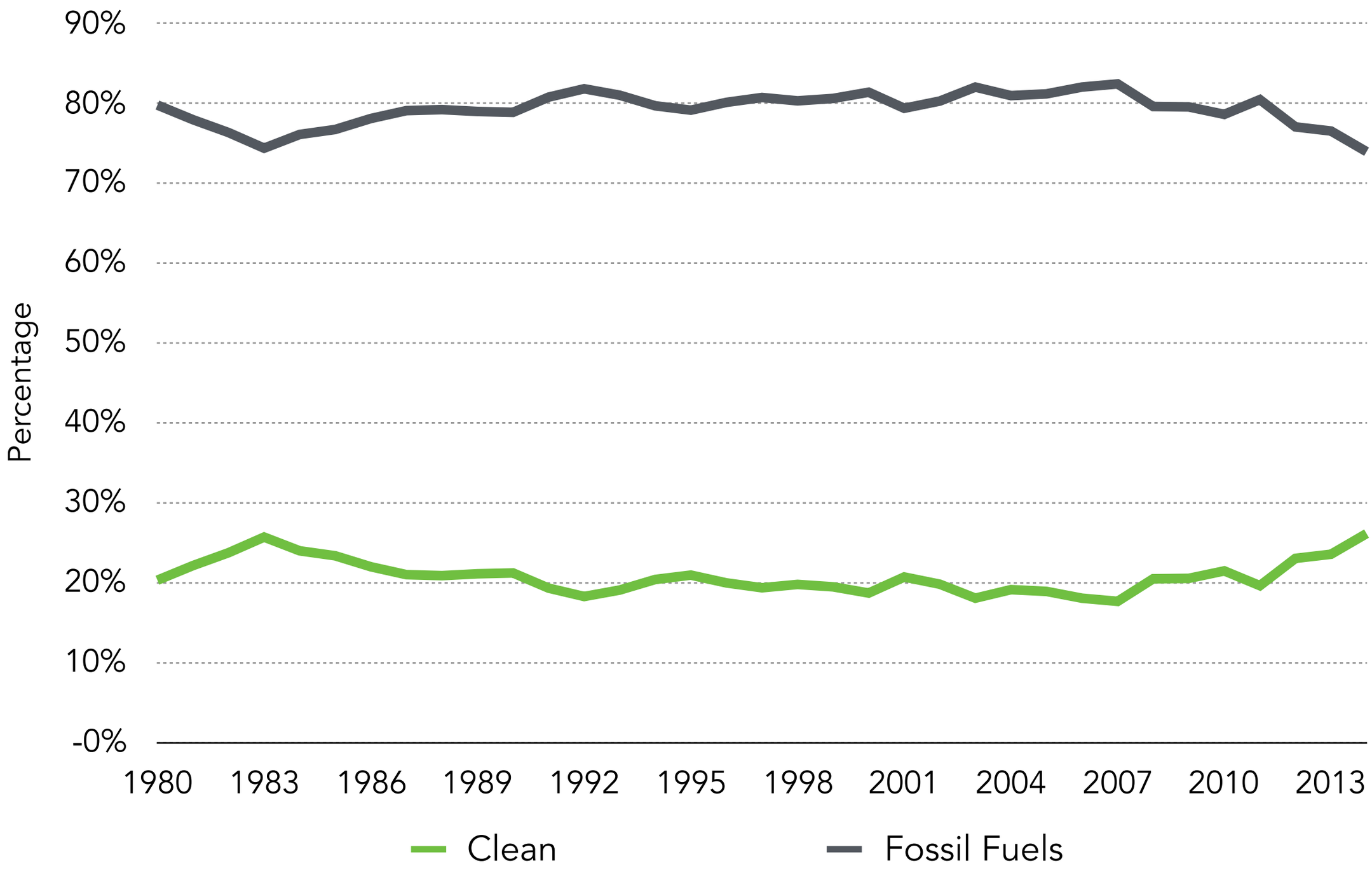
China’s renewable capacity, 1980 - 2014



ENVIRONMENTAL PROGRESS

Source: U.S. Energy Information Administration

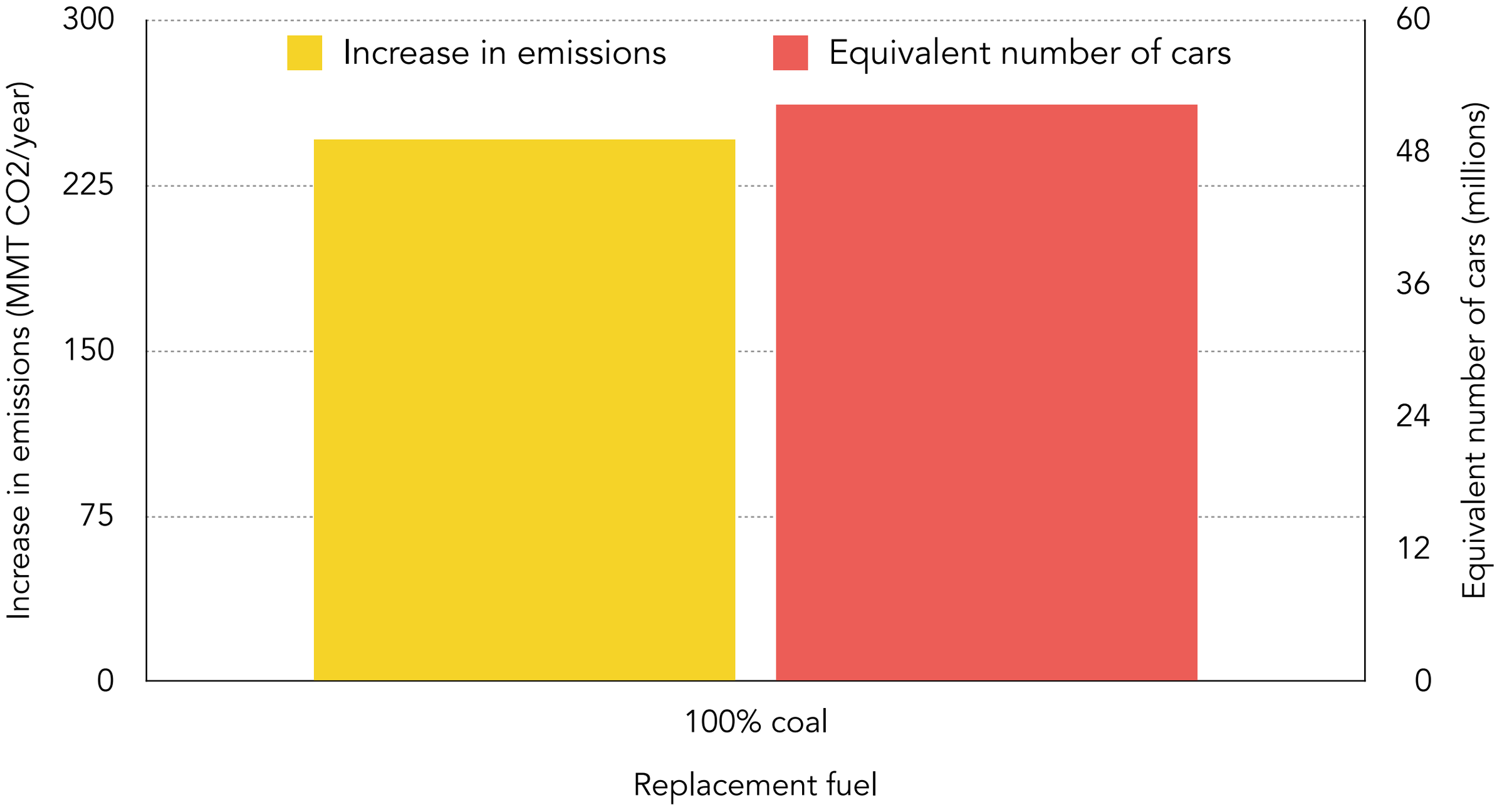
China's share of clean electricity, 1980-2014



ENVIRONMENTAL PROGRESS

Source: U.S. Energy Information Administration

Without nuclear, China's emissions would increase the equivalent of up to 52 million cars added to the road.



Sources and notes: Increase in emissions calculated based on estimated annual generation of all Chinese nuclear reactors using a capacity factor of 0.92. Emissions factors are calculated based on values from the U.S. Energy Information Administration. Calculations of cars added to the road assume an average emissions per passenger vehicle of 4.7 metric tons CO_2 per year, as per the U.S. Environmental Protection Agency. Calculations assume all coal is bituminous.

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