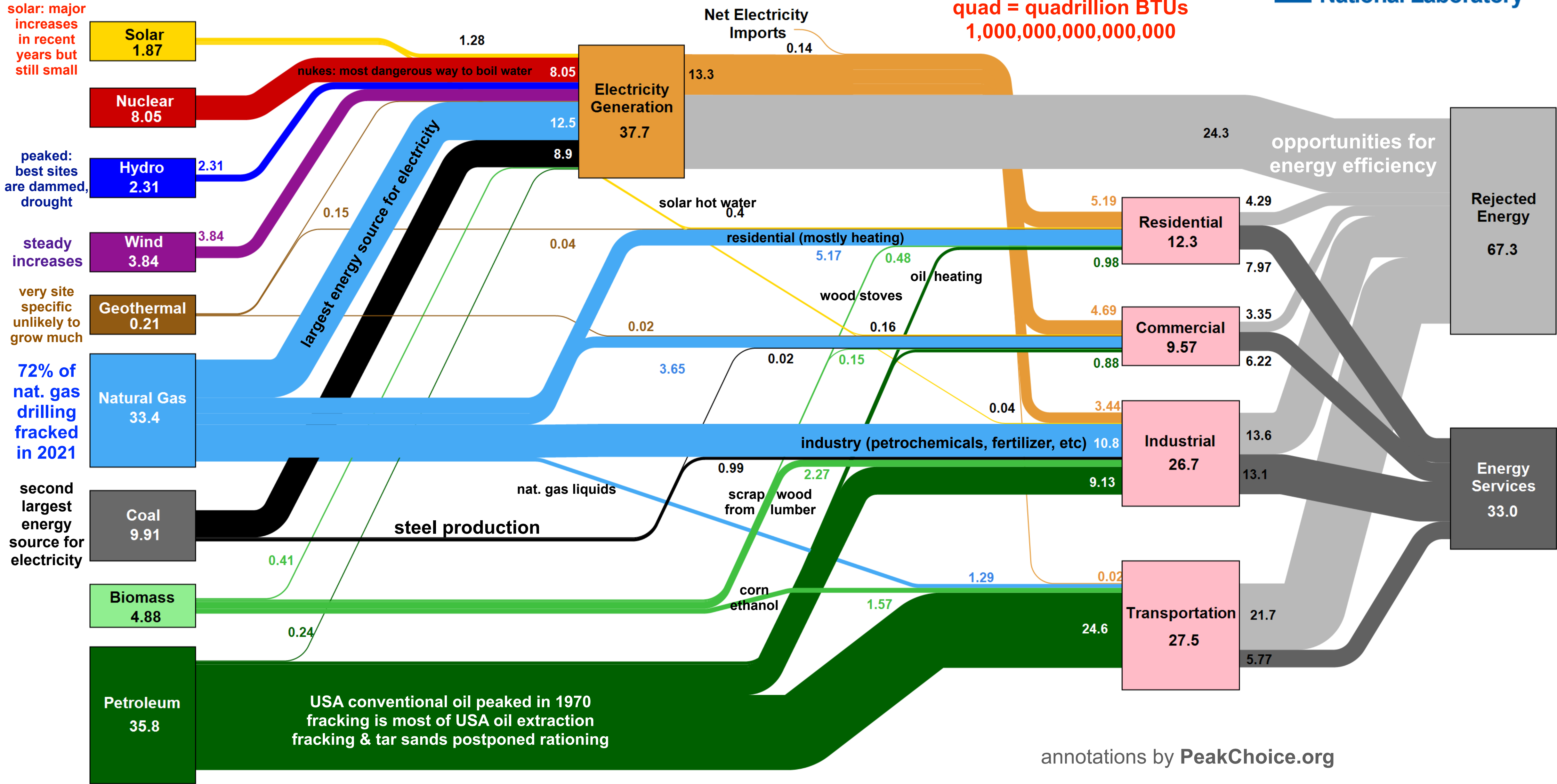


Estimated U.S. Energy Consumption in 2022: 100.3 Quads

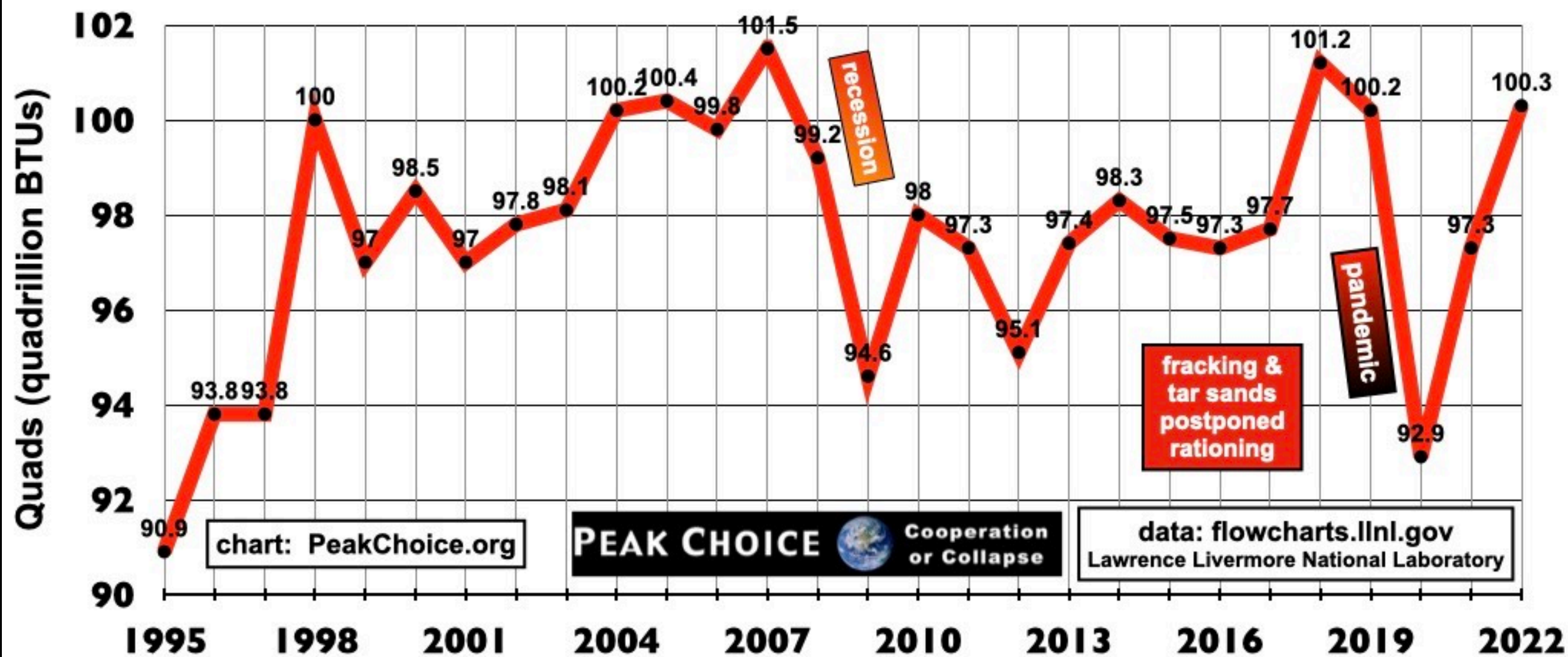
quad = quadrillion BTUs
1,000,000,000,000,000



annotations by PeakChoice.org

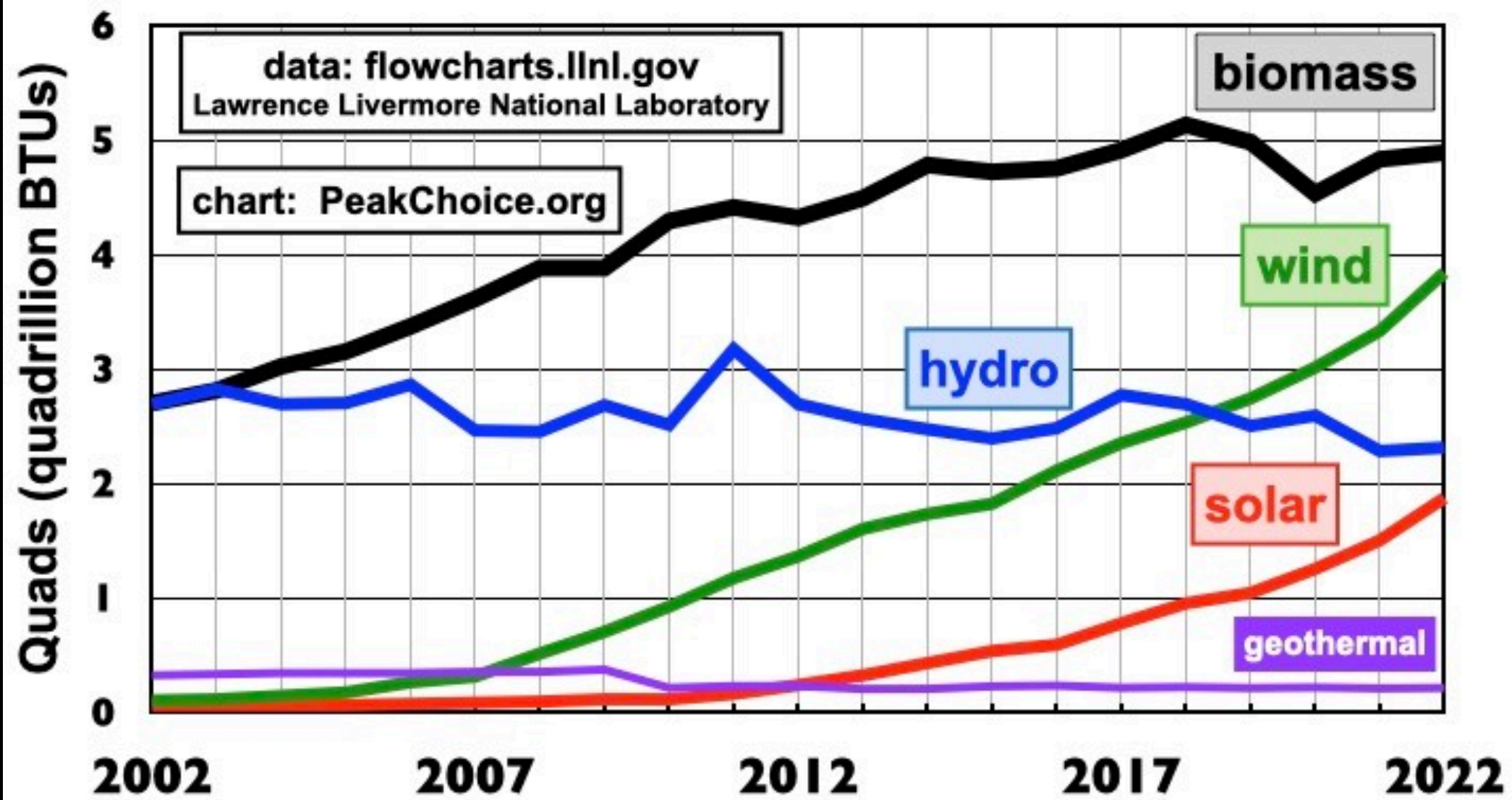
Source: LLNL July, 2023. Data is based on DOE/EIA SEDS (2021). If this information or a reproduction of it is used, credit must be given to the Lawrence Livermore National Laboratory and the Department of Energy, under whose auspices the work was performed. Distributed electricity represents only retail electricity sales and does not include self-generation. EIA reports consumption of renewable resources (i.e., hydro, wind, geothermal and solar) for electricity in BTU-equivalent values by assuming a typical fossil fuel plant heat rate. The efficiency of electricity production is calculated as the total retail electricity delivered divided by the primary energy input into electricity generation. End use efficiency is estimated as 0.65% for the residential sector, 0.65% for the commercial sector, 0.49% for the industrial sector, and 0.21% for the transportation sector. Totals may not equal sum of components due to independent Rounding. LLNL-MI-410527

USA peak energy all sources



USA: "renewables"

— hydro — biomass — geothermal — wind — solar



USA: fossil fuels and nuclear

— total: all sources — natural gas — coal — oil — nuclear

