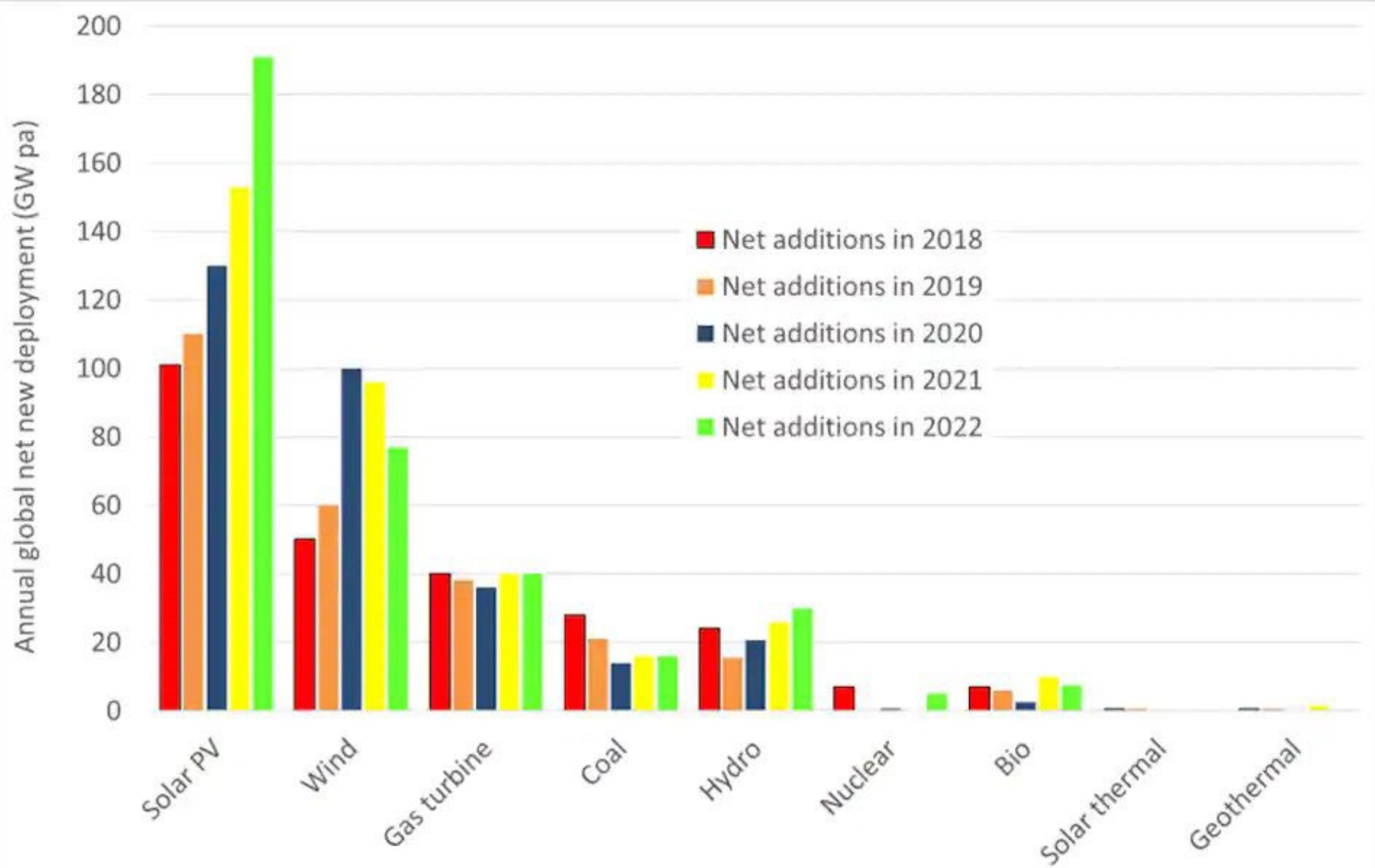


Fonti rinnovabili e decarbonizzazione

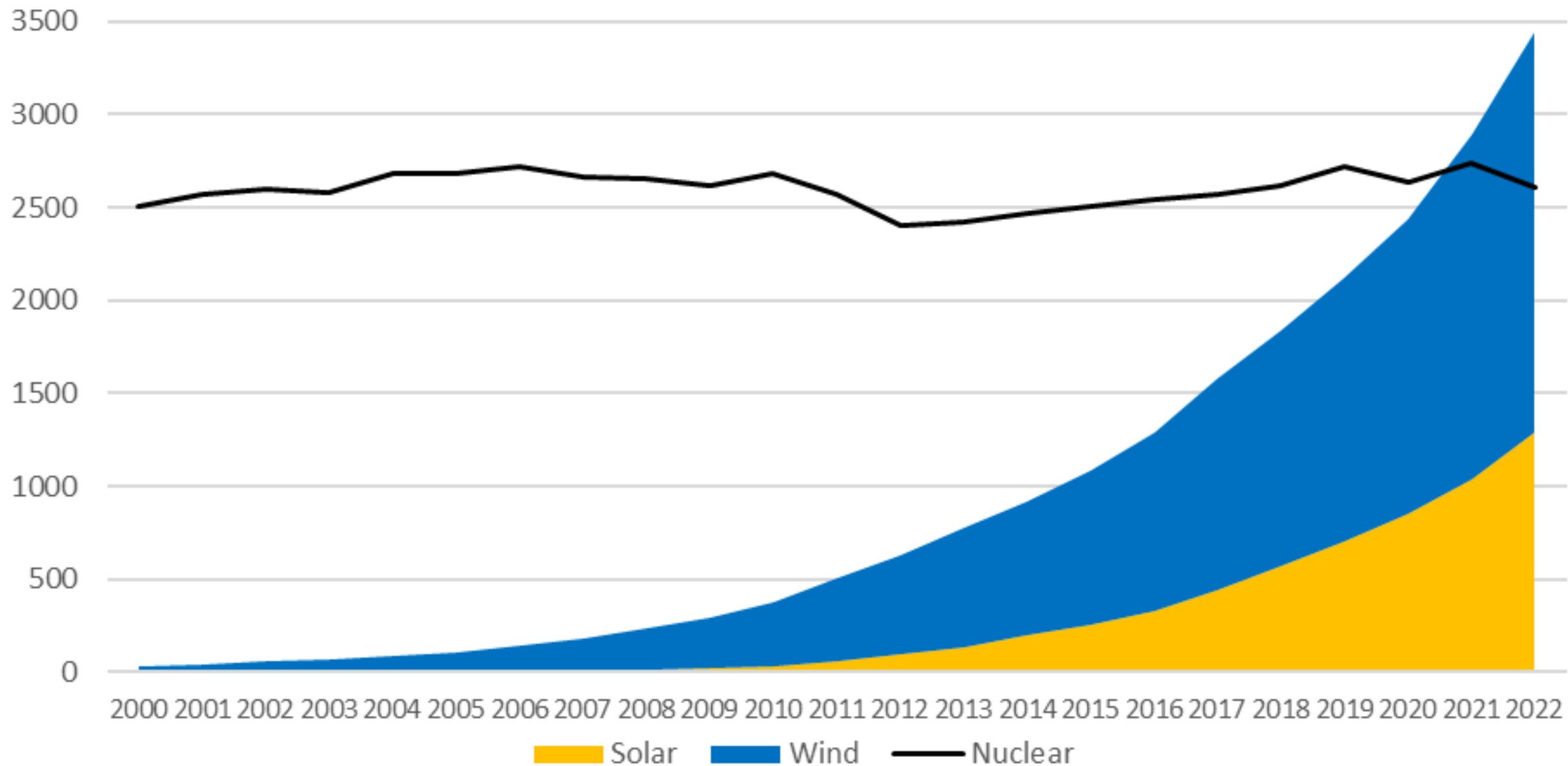
Gianni Silvestrini
Direttore scientifico Kyoto Club e QualEnergia

Convegno Enea
Roma 28 maggio 2024



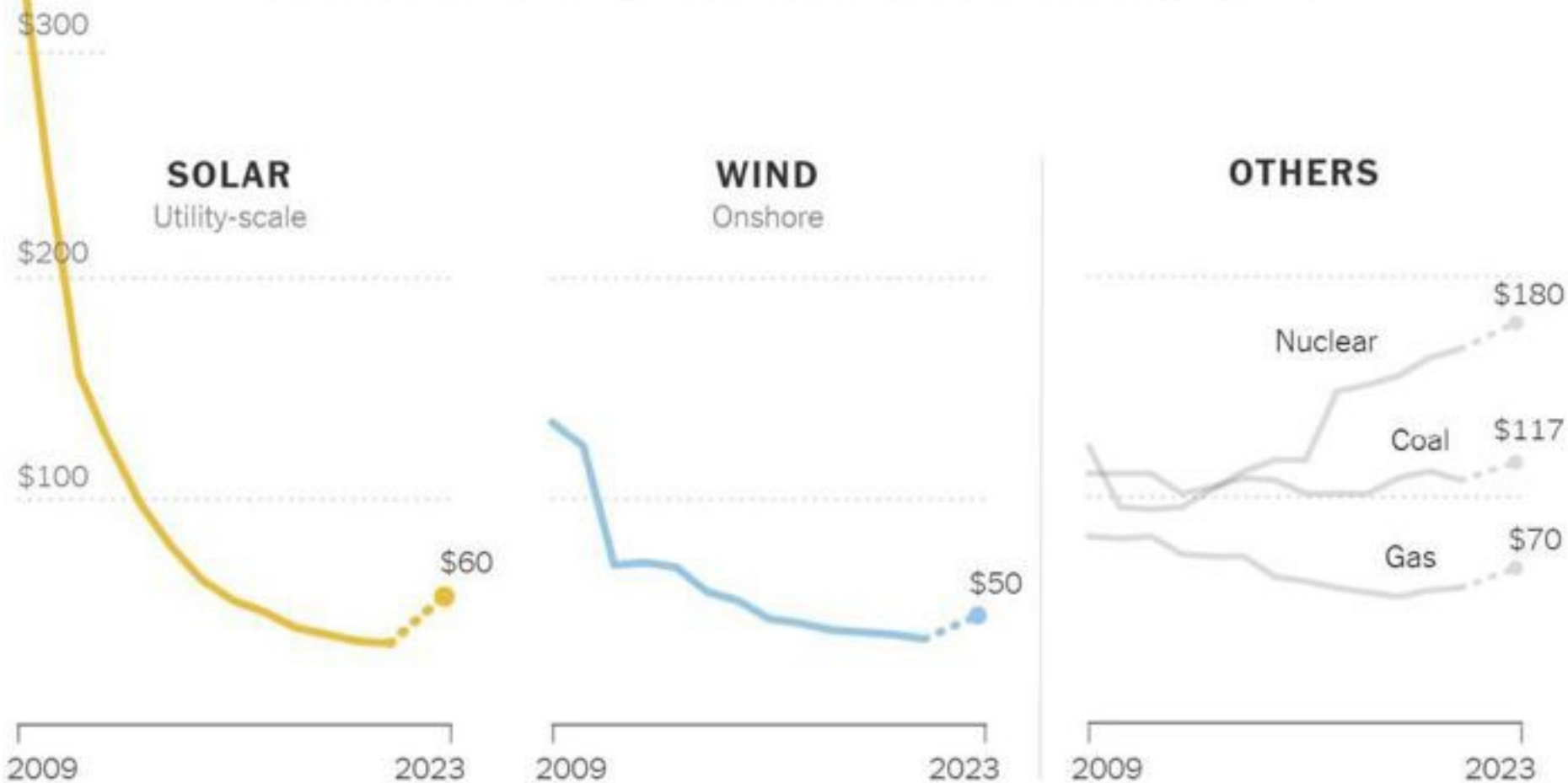
Global Wind+Solar vs. Nuclear Generation [TWh/y]

Source: www.ember-climate.org/data-catalogue/yearly-electricity-data



The Cost of Renewable Energy Has Plummeted

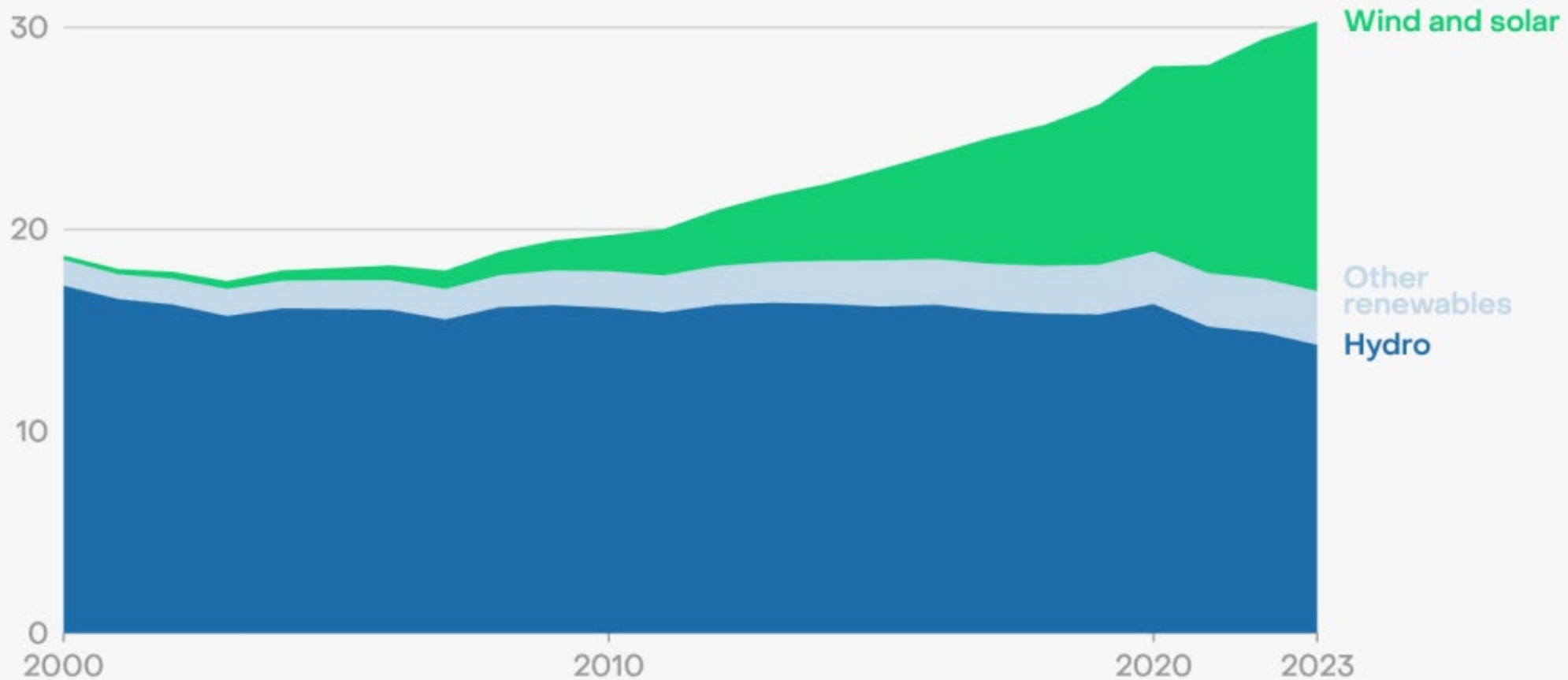
Cost of building and running new power plants, in dollars per megawatt hour



Source: [Lazard](#) · Notes: Charts reflect the mean levelized cost of energy, which captures the price of building and running new power plants but excludes other electrical system costs. Lazard did not release data for 2022. In 2023, costs rose because of supply-chain problems, inflation and other issues. · By The New York Times

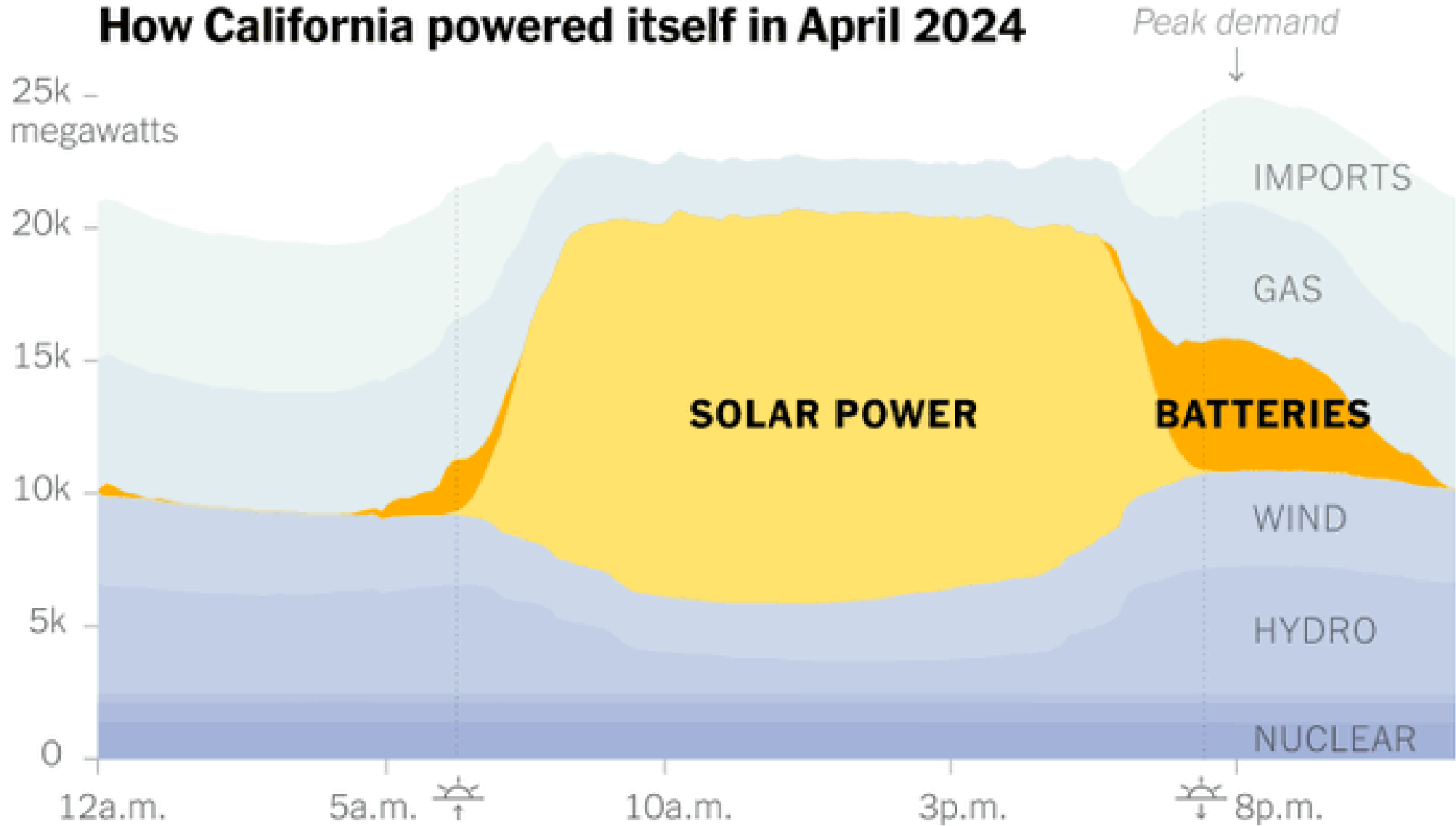
Global growth in wind and solar pushed renewables to make up more than 30% of the global electricity mix in 2023

Share of global electricity generation from renewable sources (%)



Source: Annual electricity data, Ember

How California powered itself in April 2024



Il salto: gli accumuli di lunga durata

