

Sustainable Energy in America 2026 Factbook

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Sustainable Energy in America Factbook 2026

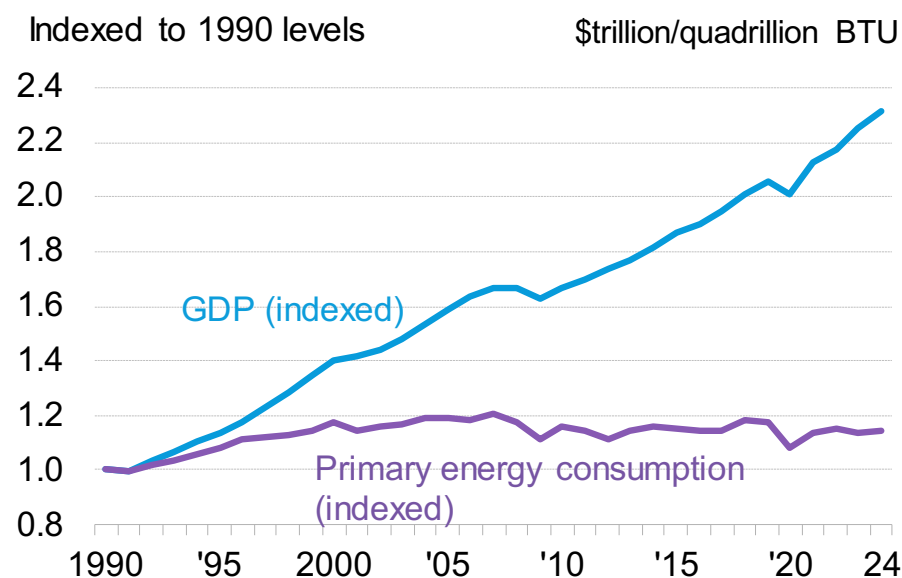
Preview for NASEO

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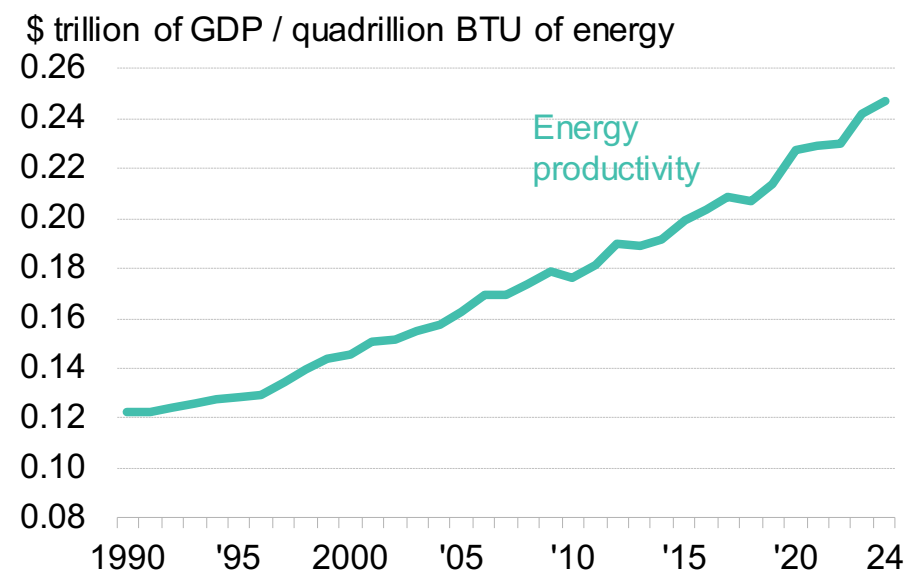
Energy productivity

US GDP (real) and primary energy consumption



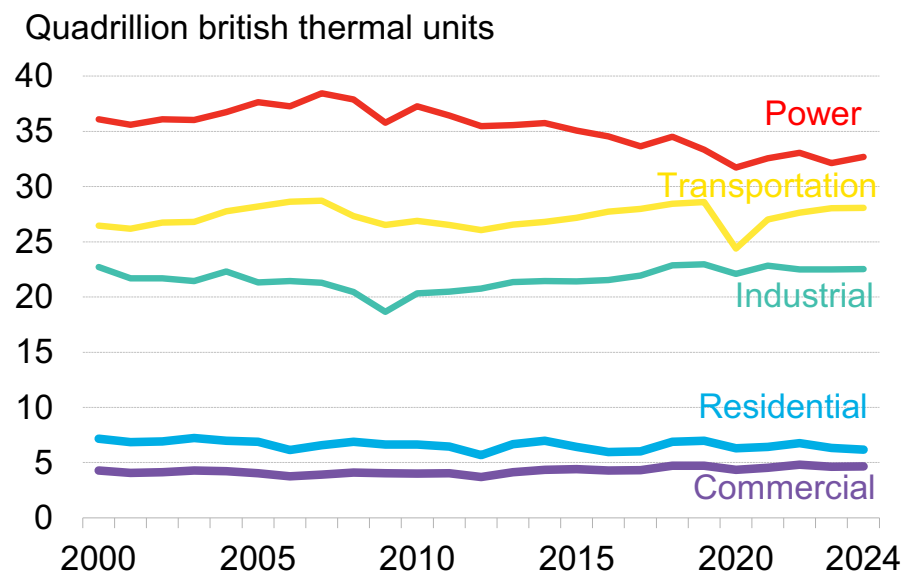
Source: Bureau of Economic Analysis, US Energy Information Administration (EIA), BloombergNEF. Note: Values for 2024 are projected, accounting for seasonality, based on latest monthly values from US EIA (data available through September 2024). The 2024 gross domestic product (GDP) estimate is a projection from economists compiled at ECFC <GO> on the Bloomberg Terminal. BTU refers to British thermal units.

US Energy productivity

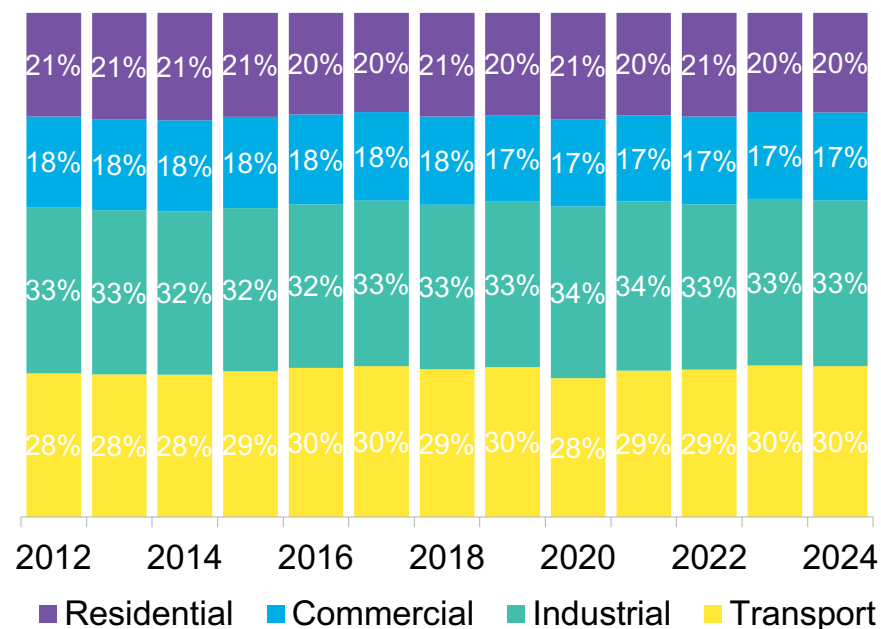


Primary energy consumption by sector

US primary energy consumption



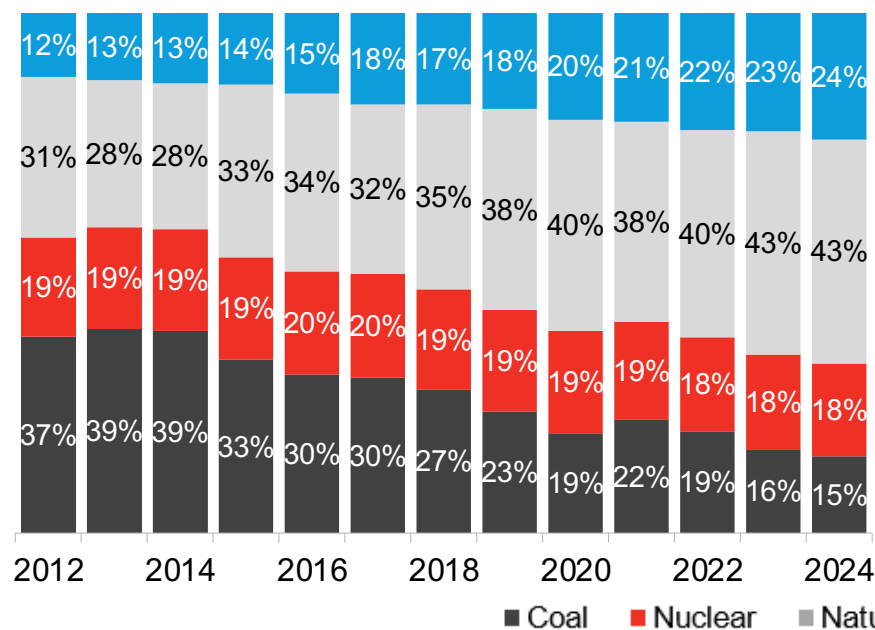
US end-use energy consumption



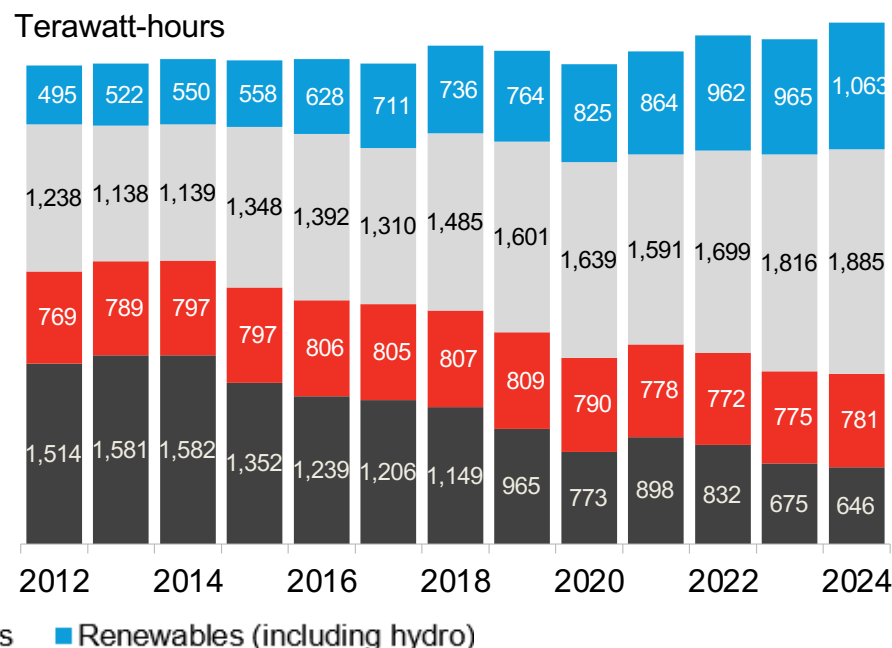
Source: US Energy Information Administration (EIA), EPA, BloombergNEF. Note: Values for 2024 are projected, accounting for seasonality, based on latest monthly values from the EIA (data available through September 2024). Electricity is excluded from industrial, residential, commercial and transportation sectors and aggregated in "power" in the left-hand chart. In the right-hand chart, sector end uses include electricity use

Electricity generation mix

Share of US electricity generation, by fuel

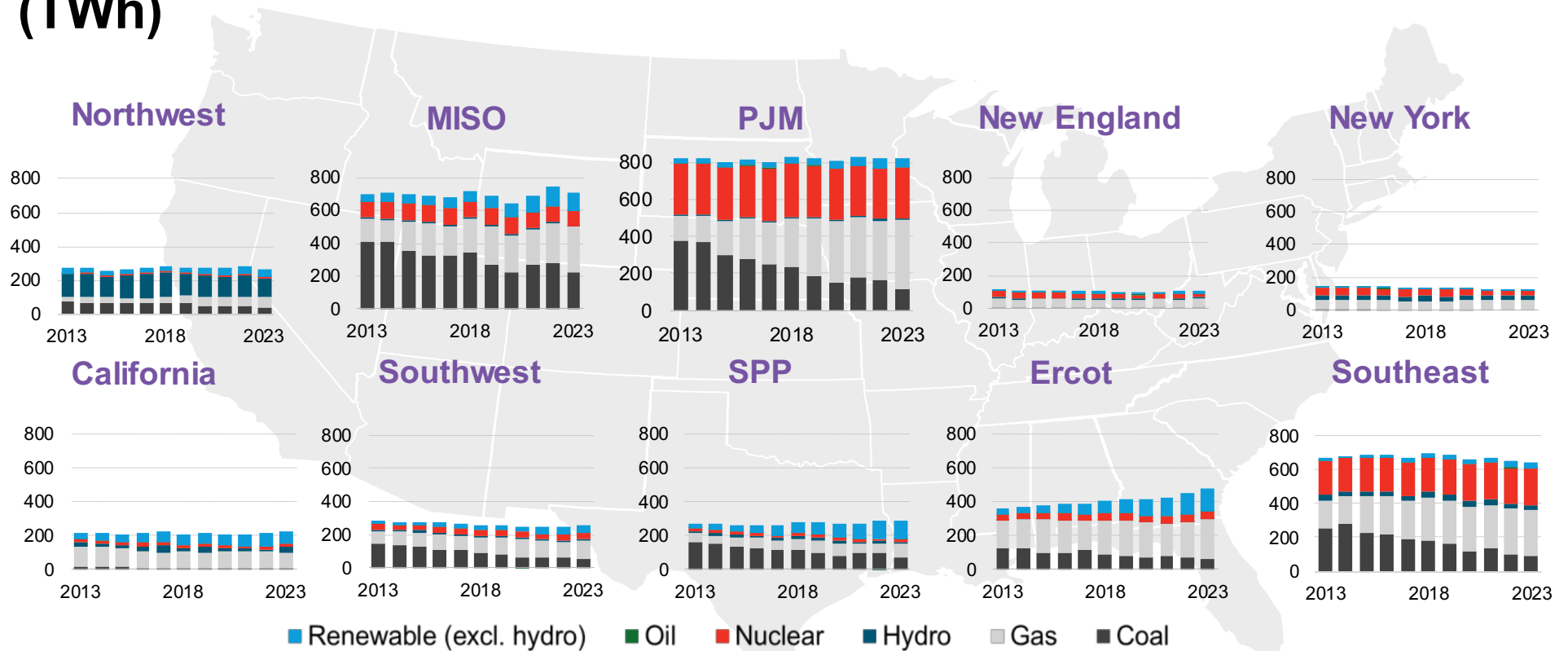


US electricity generation, by fuel



Source: EIA, BloombergNEF. Note: Values for 2024 are projected, accounting for seasonality, based on latest monthly values from EIA (data available through October 2024).

Electricity generation mix by power market (TWh)

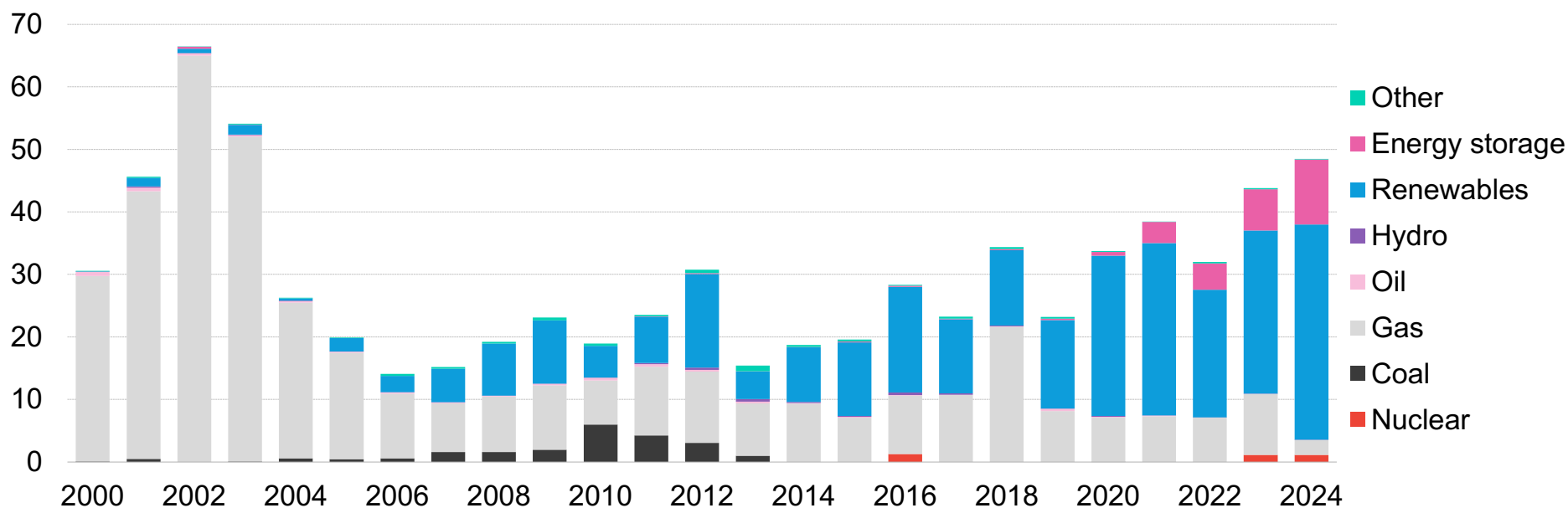


Source: US Energy Information Administration, BloombergNEF. Notes: MISO (Midcontinent Independent System Operator) is the Midwest region; PJM (PJM Interconnection) is the Mid-Atlantic region; SPP (Southwest Power Pool) covers the central southern US; Ercot (Electric Reliability Council of Texas) covers most of Texas.

Electric generating capacity build, by fuel type

US new electric generating capacity build, by fuel type

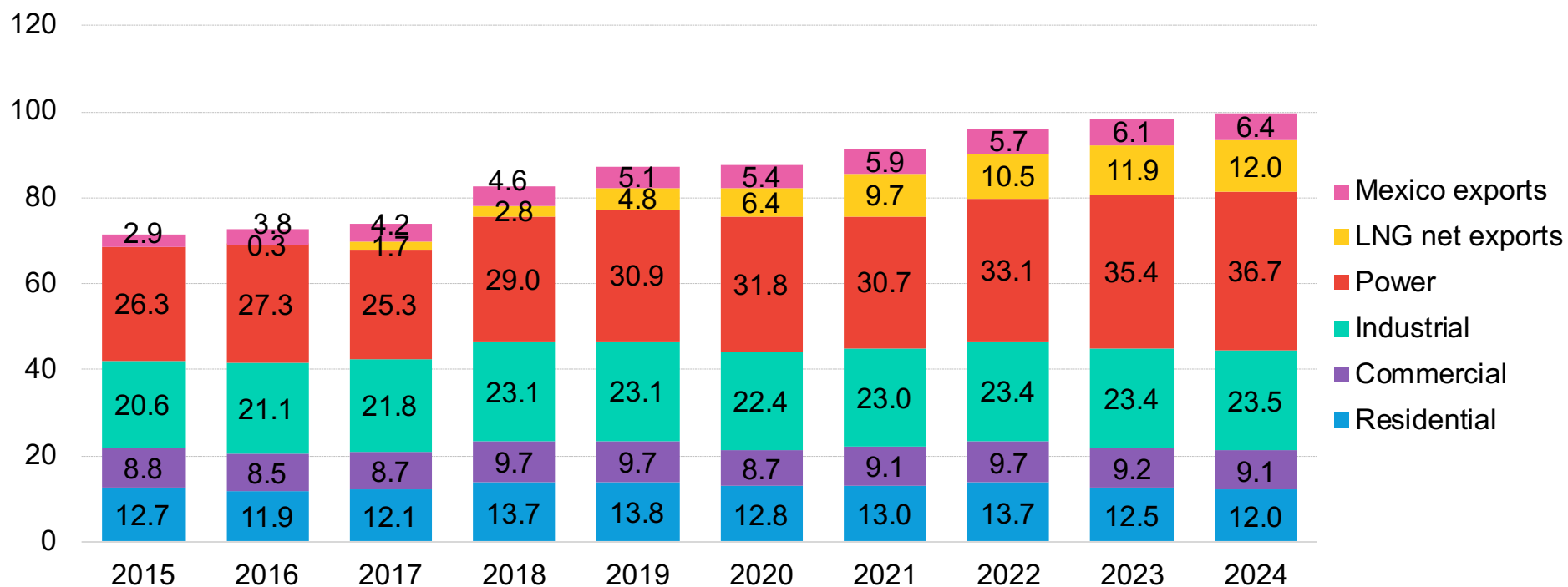
Gigawatts



Source: EIA, BloombergNEF. Note: Solar capacity counted in alternating current (AC) terms to enable a comparison to other grid-facing technology. Distributed rooftop solar not included.

US natural gas demand, by end use

Billion cubic feet per day

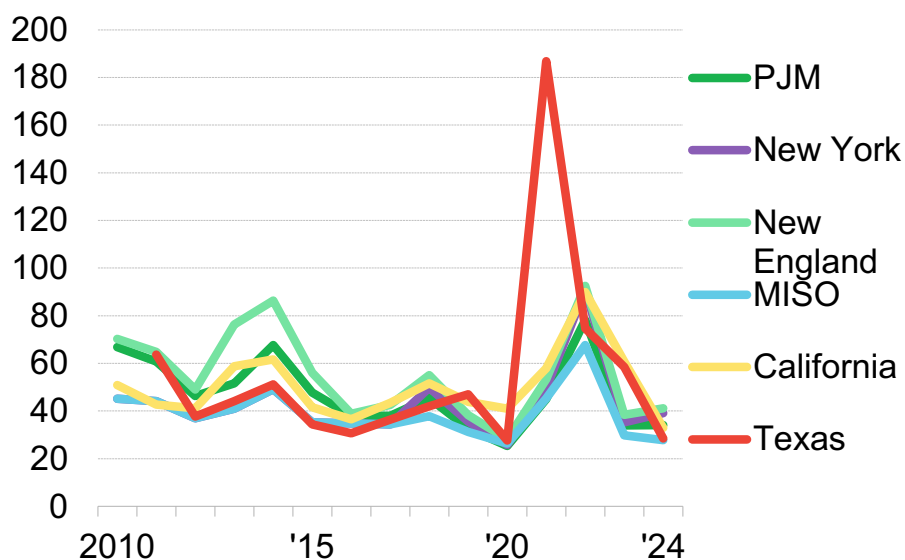


Source: BloombergNEF, US Department of Energy. Note: November and December 2024 values are Bloomberg estimates. LNG refers to liquefied natural gas.

Retail and wholesale power prices

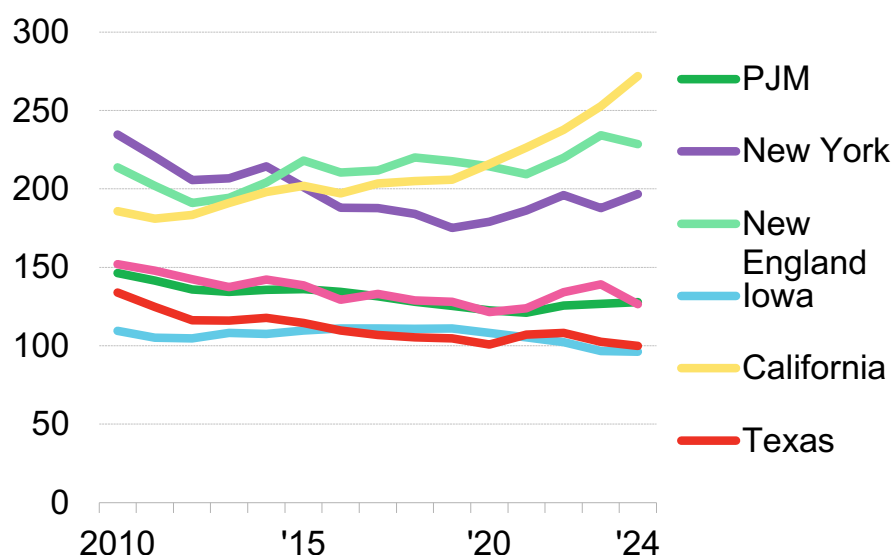
Wholesale power prices

\$ per megawatt-hour (real-2024)



Retail power prices

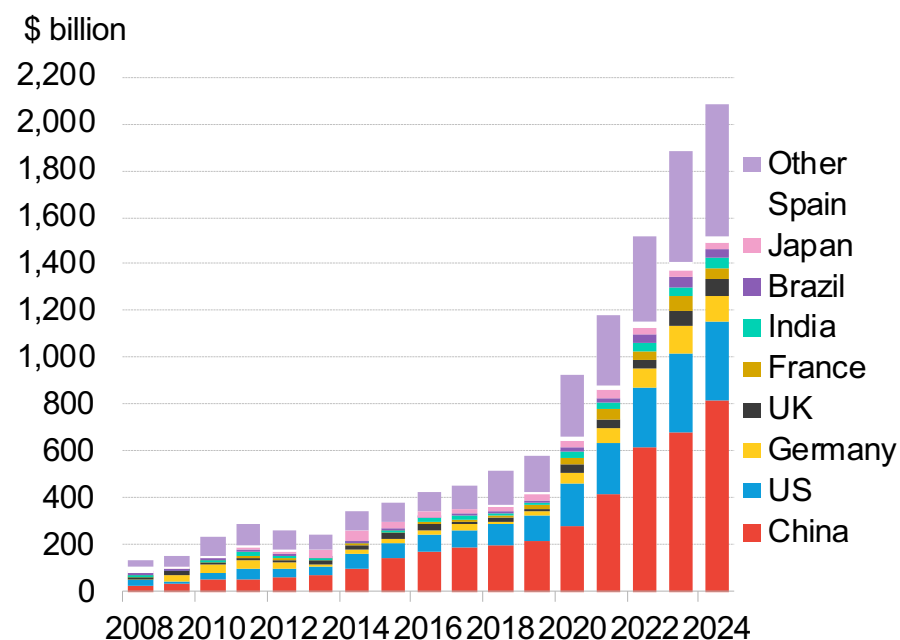
\$ per megawatt-hour (real-2024)



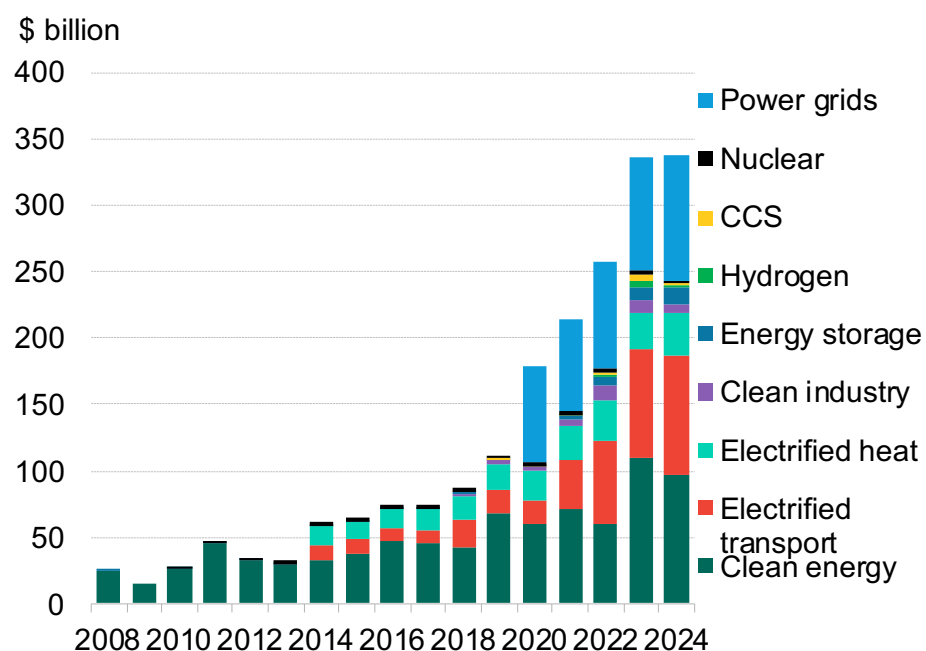
Source: BloombergNEF, US Energy Information Agency, Bloomberg Terminal. Note: Wholesale prices are taken from proxy power hubs in each independent system operator (ISO). All prices are in real 2024 USD. Retail power prices shown here are not exact retail rates but weighted averages across all rate classes by state, as published by the US Energy Information Administration. Retail prices are updated through September 2024. MISO is the Midwest region; PJM is the Mid-Atlantic region.

Energy transition investment

Energy transition investment, by market



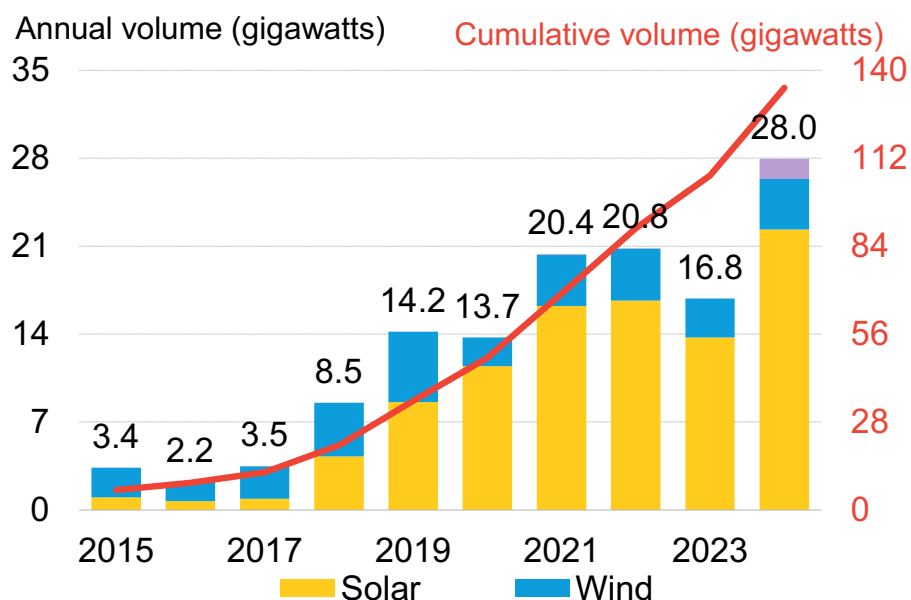
US energy transition investment, by sector



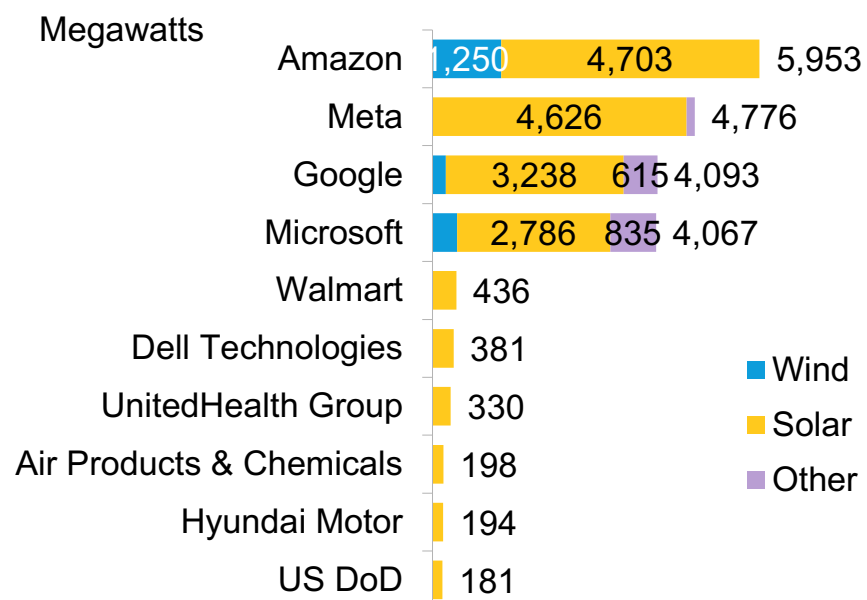
Source: BloombergNEF, Energy Transition Investment Trends database. Note: Start years differ by sector, but all sectors are present from 2020 onwards. Most notably, nuclear figures start in 2015 and power grids in 2020. CCS refers to carbon capture and storage.

Finance: Corporate procurement of clean power sets new record

Renewable capacity contracted by corporations in the US, by sector

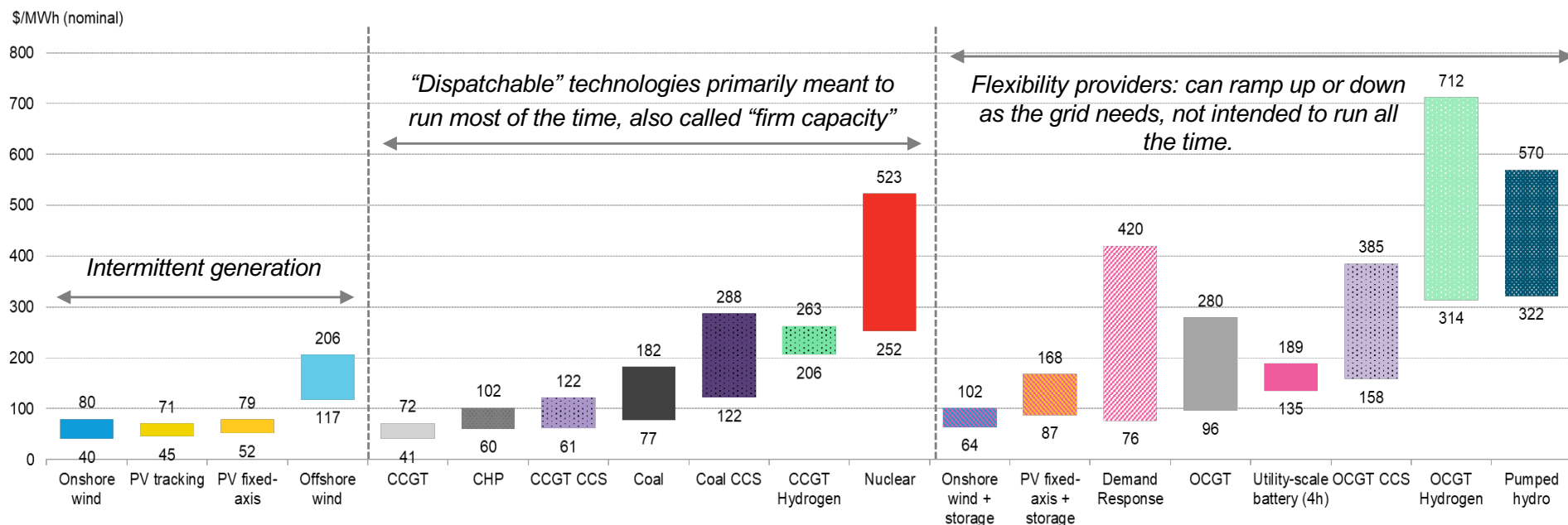


Largest corporate offtakers in the US, 2024



Source: BloombergNEF. Note: Charts show offsite PPAs only. The 'Other' sector includes nuclear and geothermal. US DoD is United States Department of Defense

US levelized costs of electricity (unsubsidized for new build, 2H 2023)



Source: BloombergNEF. Note: The LCOE range represents a range of costs and capacity factors. Battery storage systems (co-located and standalone) presented here have four-hour storage. In the case of solar- and wind-plus-battery systems, the range is a combination of capacity factors and size of the battery relative to the power generating asset (25-100% of total installed capacity). PV is photovoltaic solar, CCGT is combined-cycle gas turbine, CCS is carbon capture and storage, OCGT is open cycle gas turbine. All LCOE calculations are unsubsidized. Categorization of technologies is based on their primary use case.

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