



Tim Buckley, Director CEF
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SEC Conference, Sydney

10.40am Theatre 6

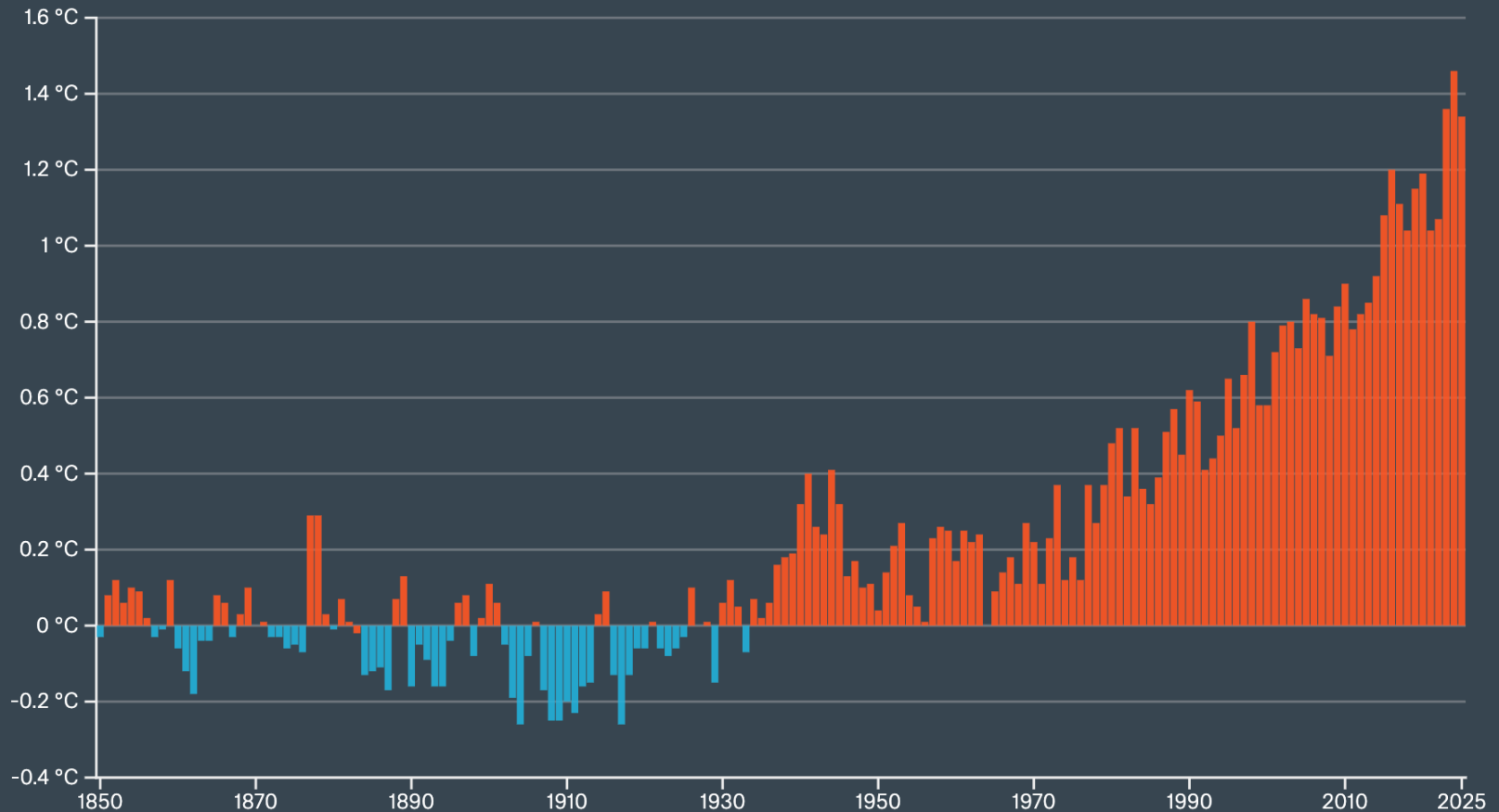
**Energy Market Economics
in Australia**

6 May 2026

CEF accepts the climate science

CEF is a public interest thinktank with no government or corporate funding

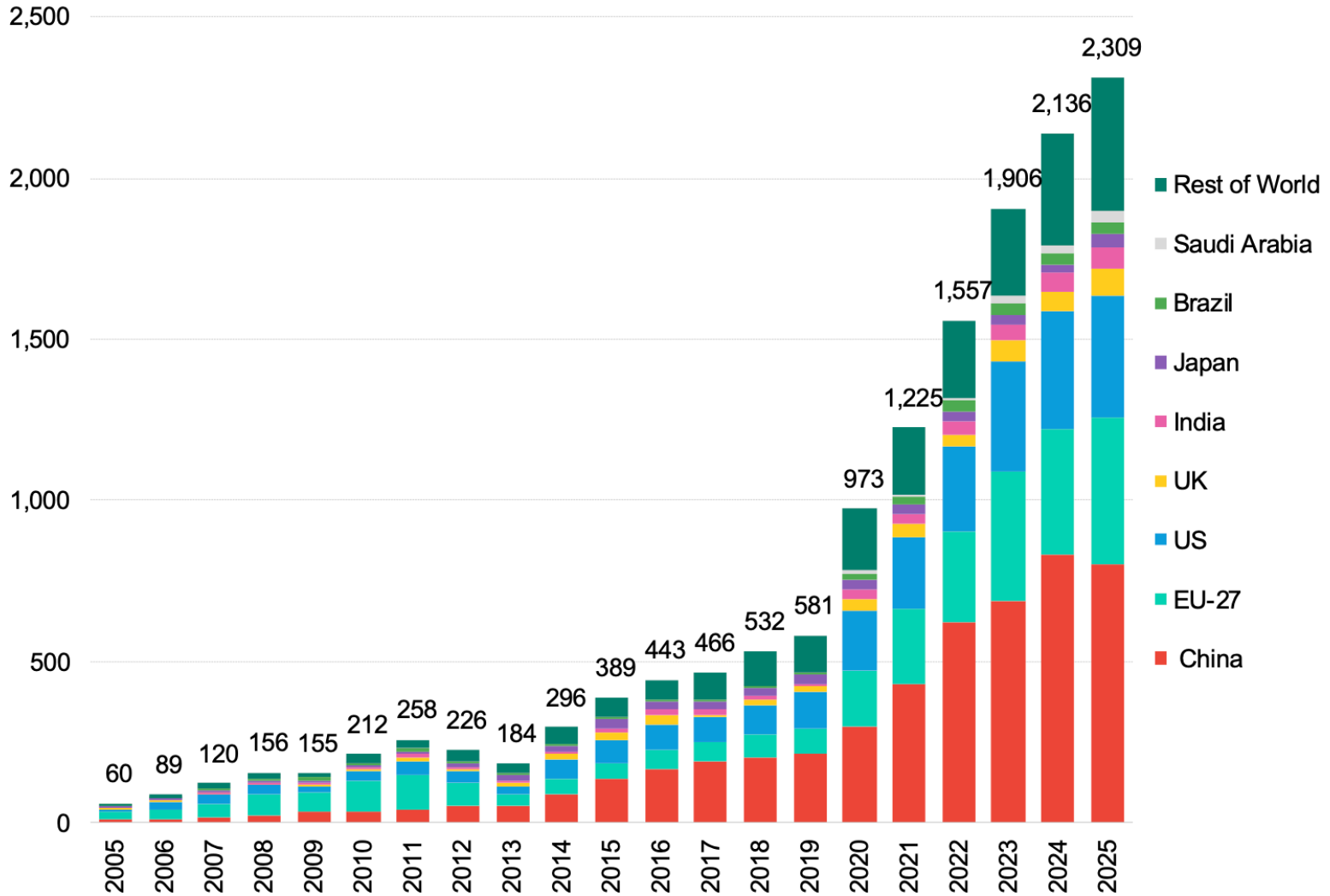
The last 12 years were the warmest on record
Global temperature anomalies compared to the 1850-1900 average



Source: Munich Re calculation, based on [NOAA data](#) (as at January 2026).

Renewables, EV & Grid outspend Fossil Fuels >2:1

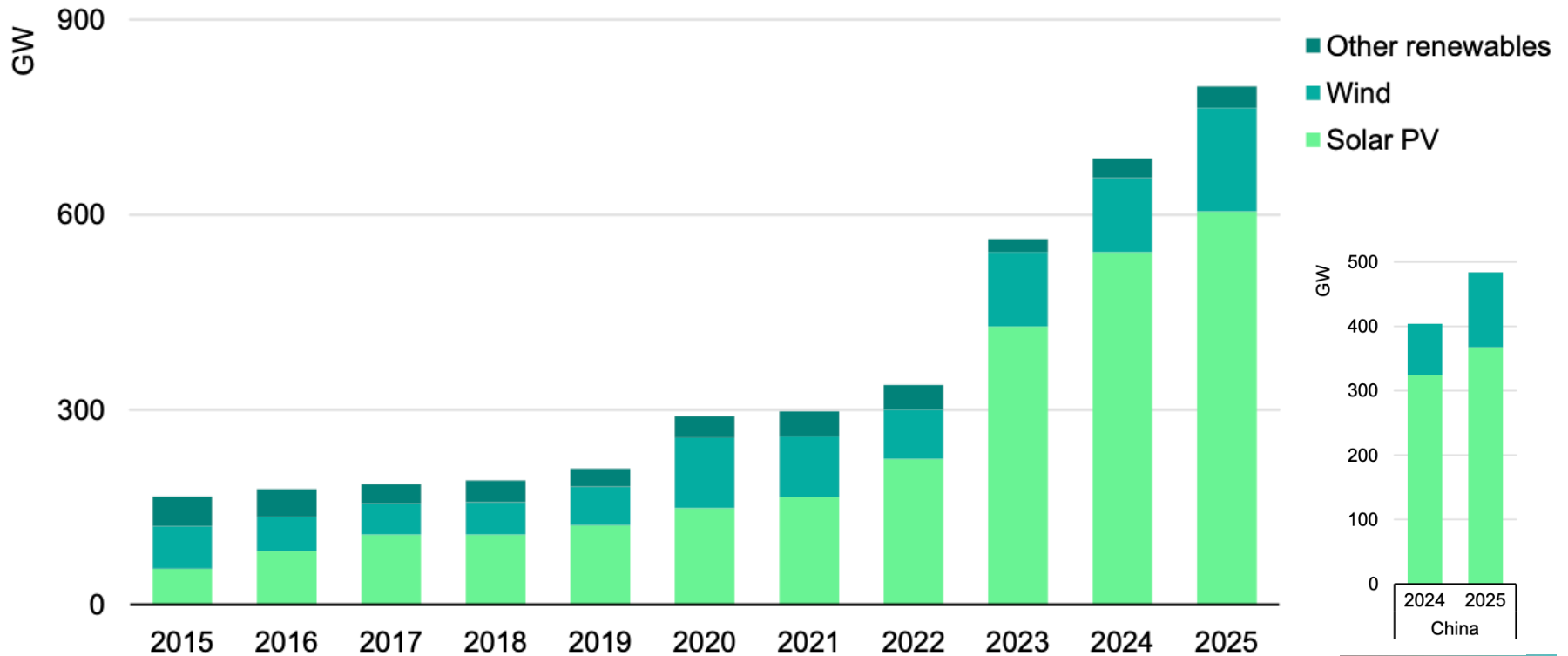
\$ billion **Global Energy Transition Investment, by Country, US\$bn: 2025 +8% yoy**



Source: BloombergNEF, Energy Transition Investment Trends, January 2026

Global Renewable Infrastructure Capacity is Expanding, Rapidly

Total renewable capacity additions by technology, 2015-2025

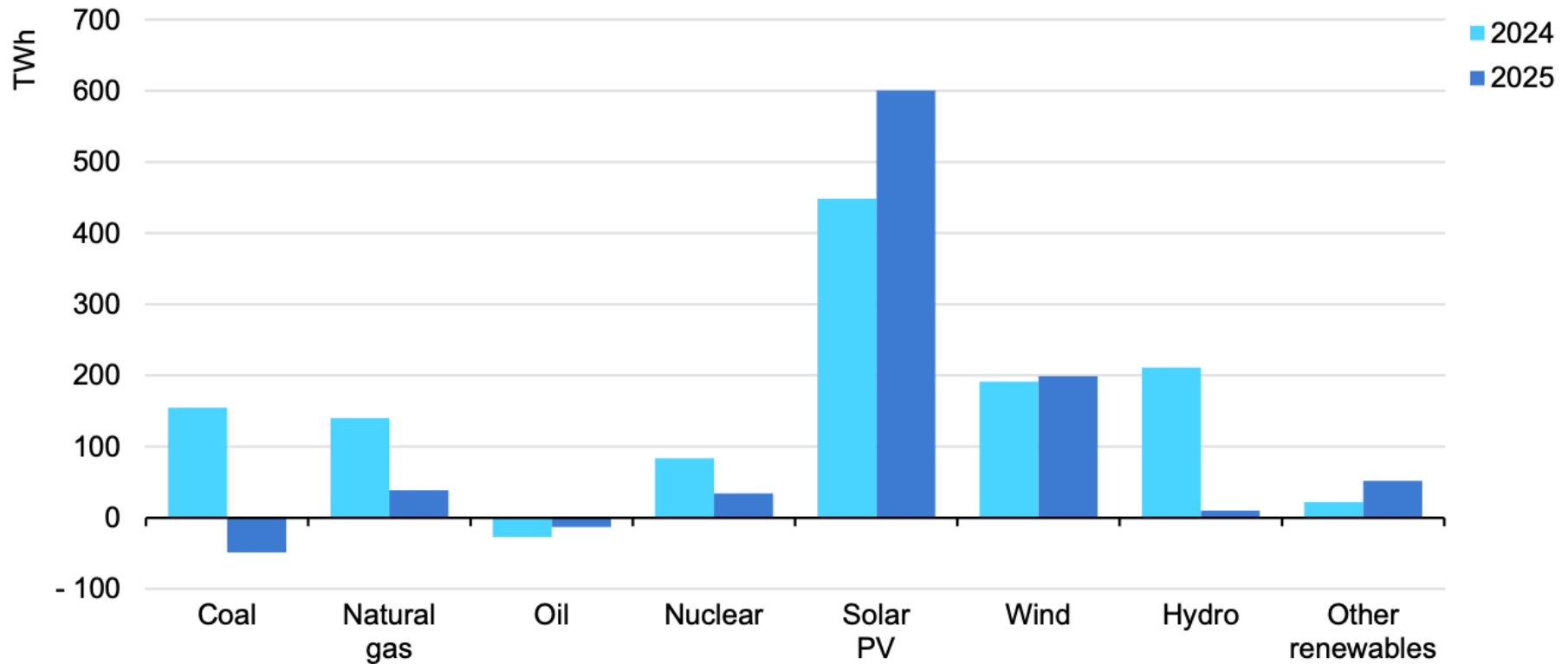


China 'only' installed 58GW of RE capacity in 1QCY2026 (-23% yoy)



Global Renewable Generation is Expanding, Rapidly

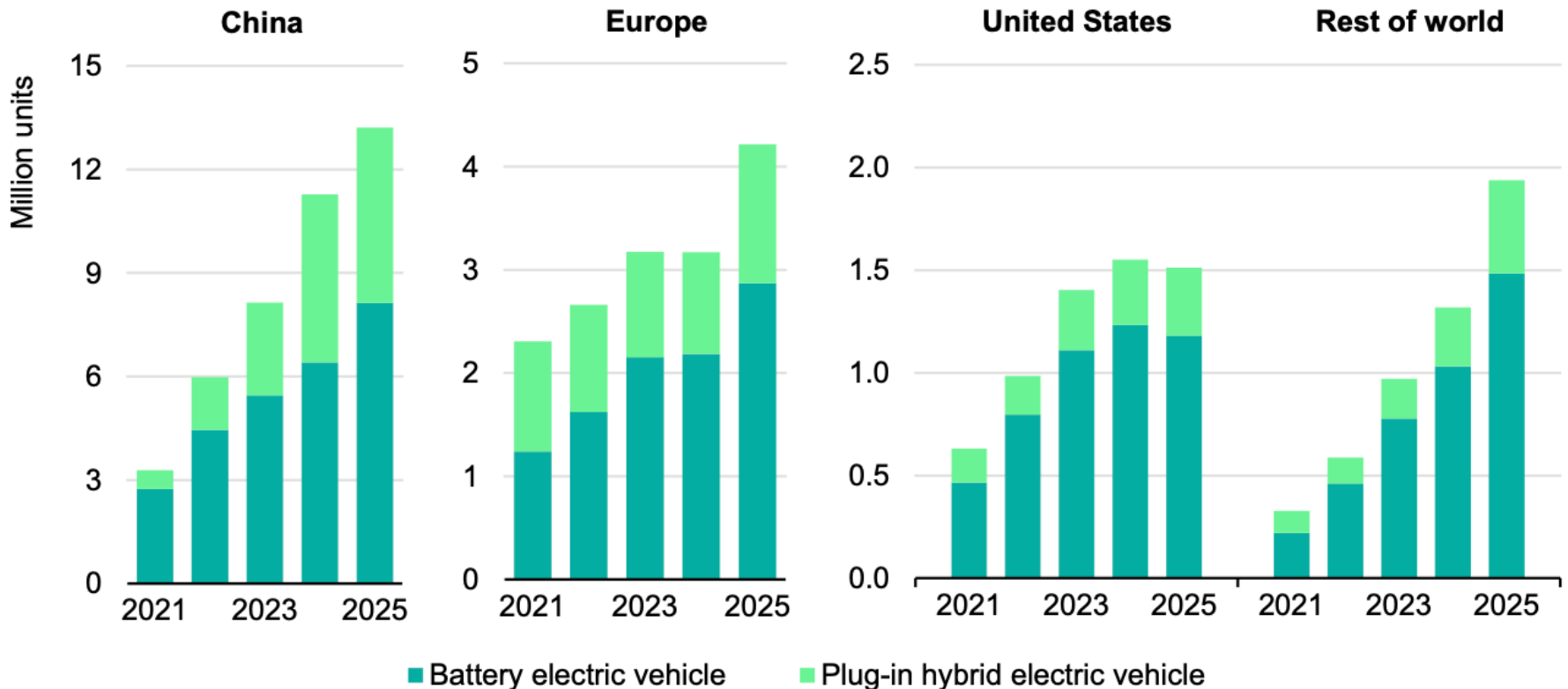
Annual change in global electricity generation by source, 2024-2025



The World is Pivoting to EVs, led by China

This makes V2G increasingly important as the US attacks more nations and pushes up the price of oil, driving EV adoption

Electric car sales in selected markets, 2021-2025

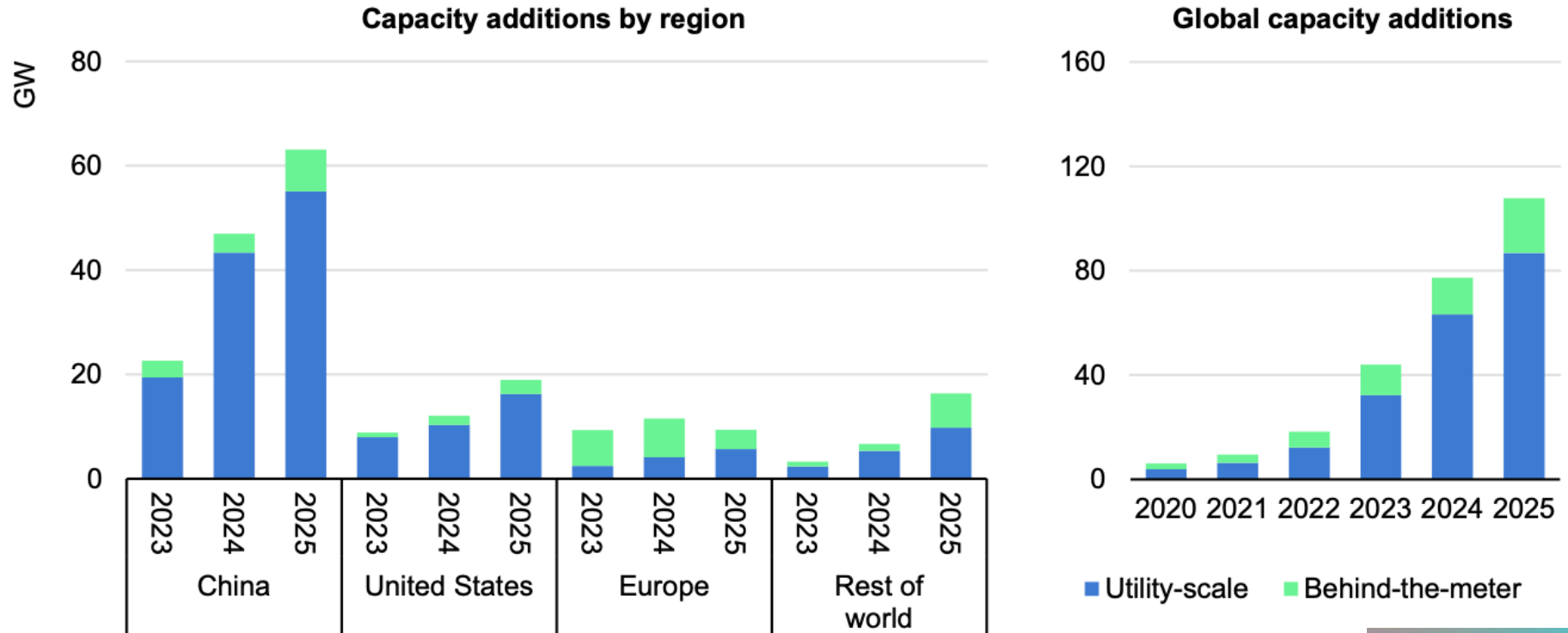


Note the different Y-axis scales, the IEA doesn't want to embarrass the US as they lose global leadership.



Global Battery Storage Infrastructure Capacity is Expanding, Rapidly

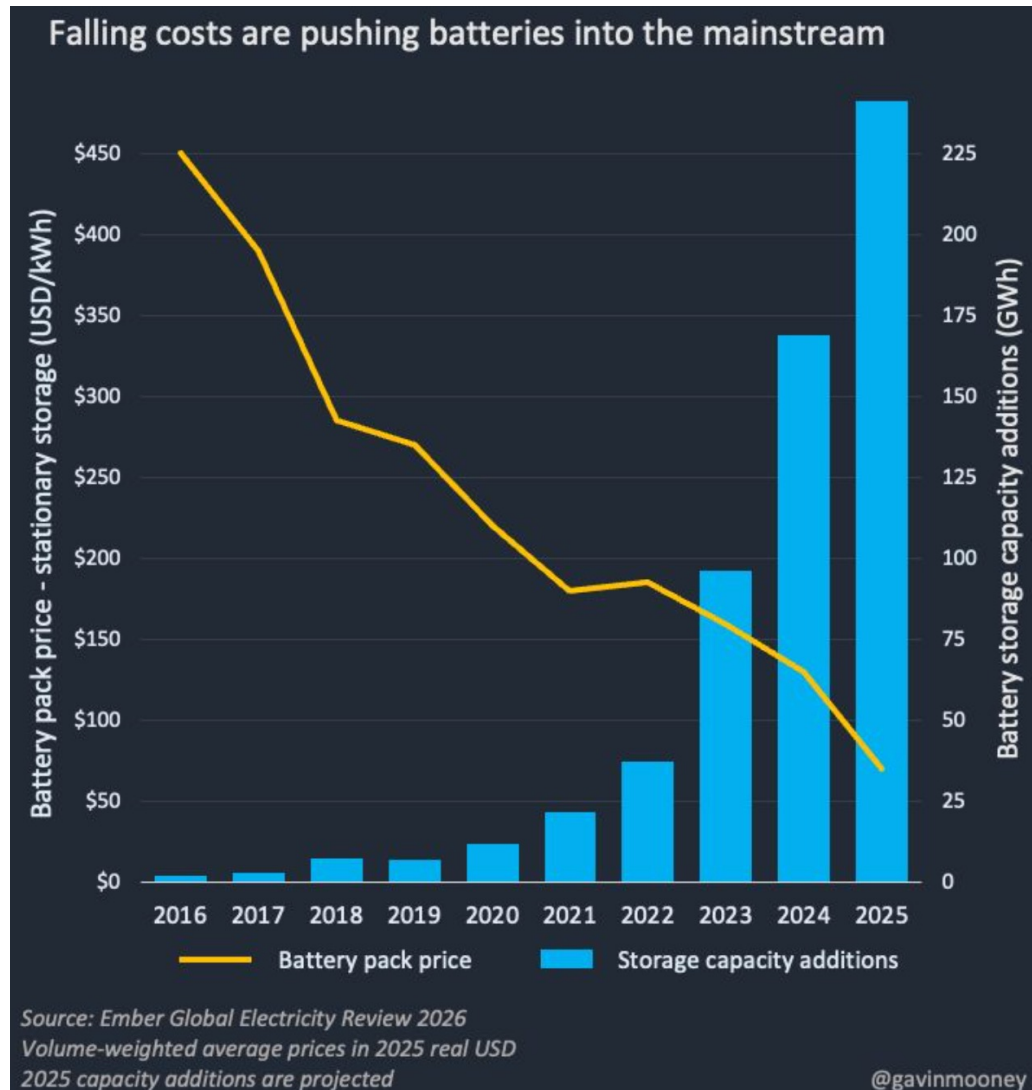
Battery storage capacity additions in selected regions, 2023-2025, and global capacity additions, 2000-2025



Note: 2025 values are based on [Benchmark \(2026\)](#) data.

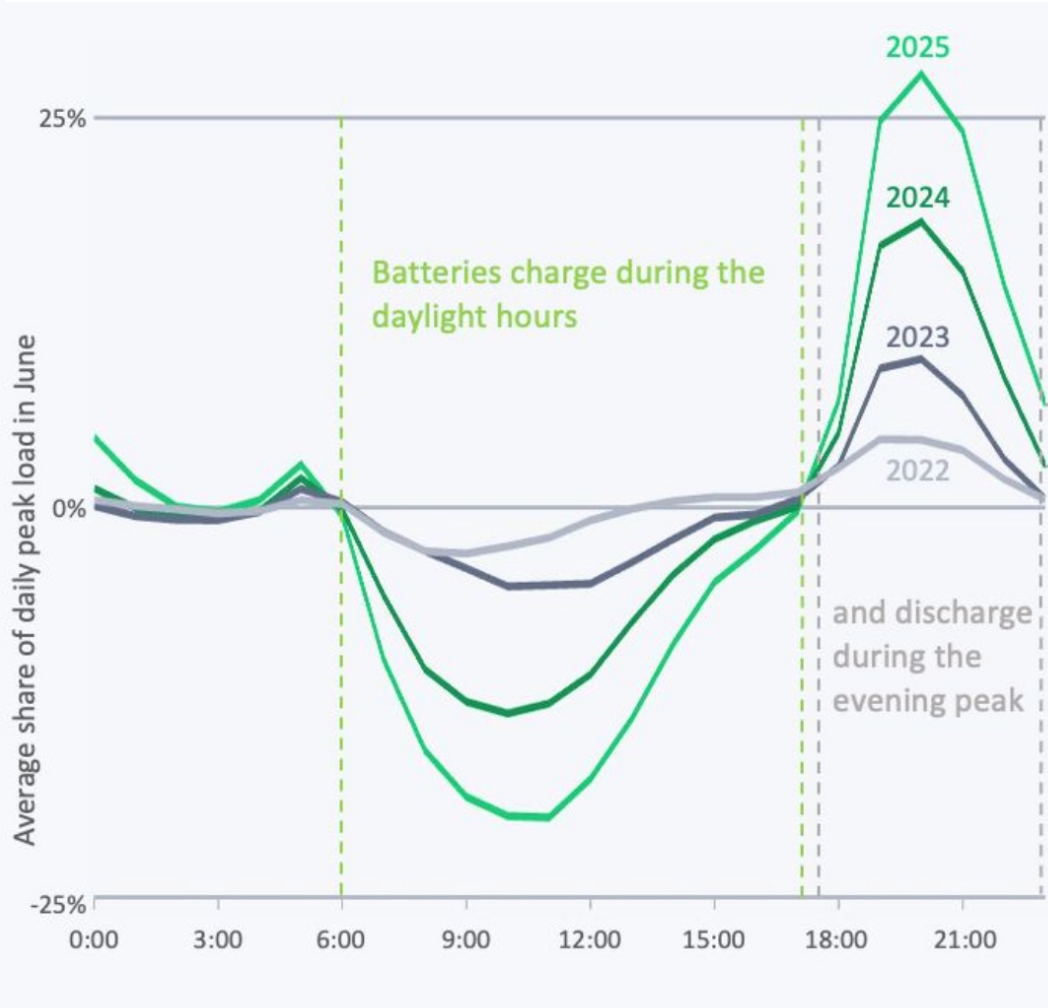


Battery cost deflation is driving surging installations, globally

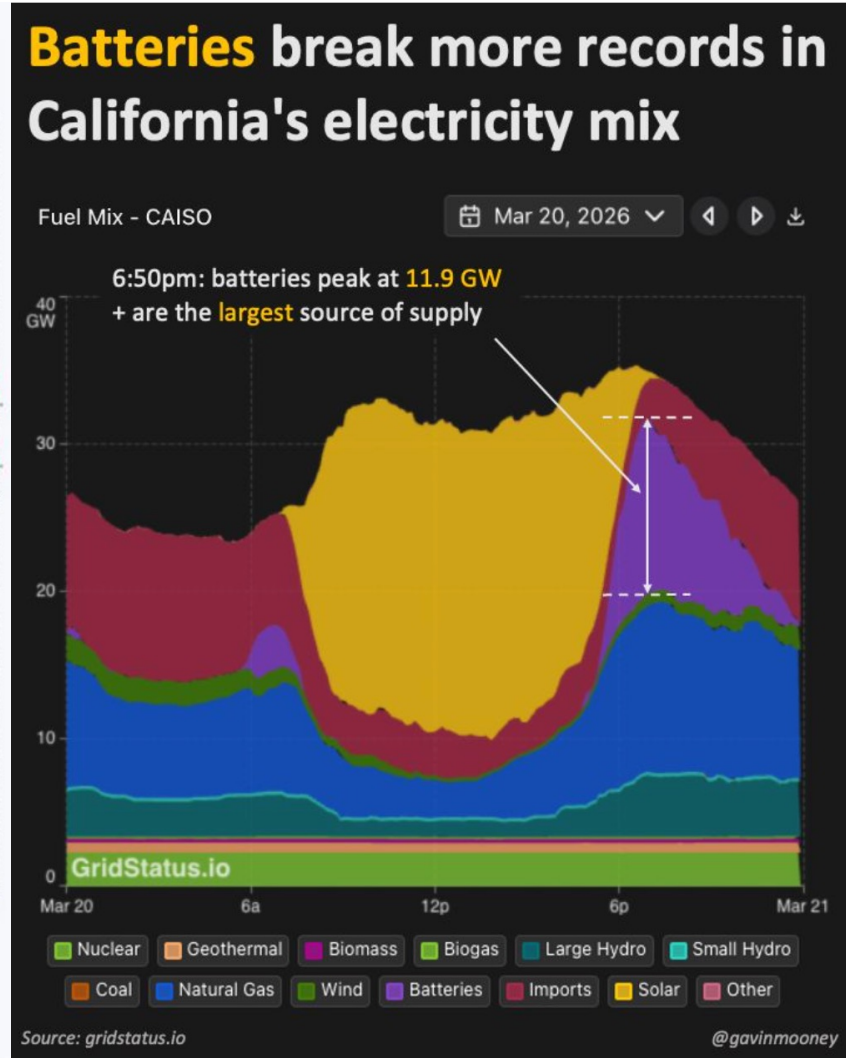


Solar + BESS & Rooftop Solar + BTM Batteries are eating coal's lunch and methane gas' dinner

Solar + BESS + V2G => Accelerated Energy System Transformation: California



Original chart: Ember
Data source: GridStatus
EMBER
@gavinmooney



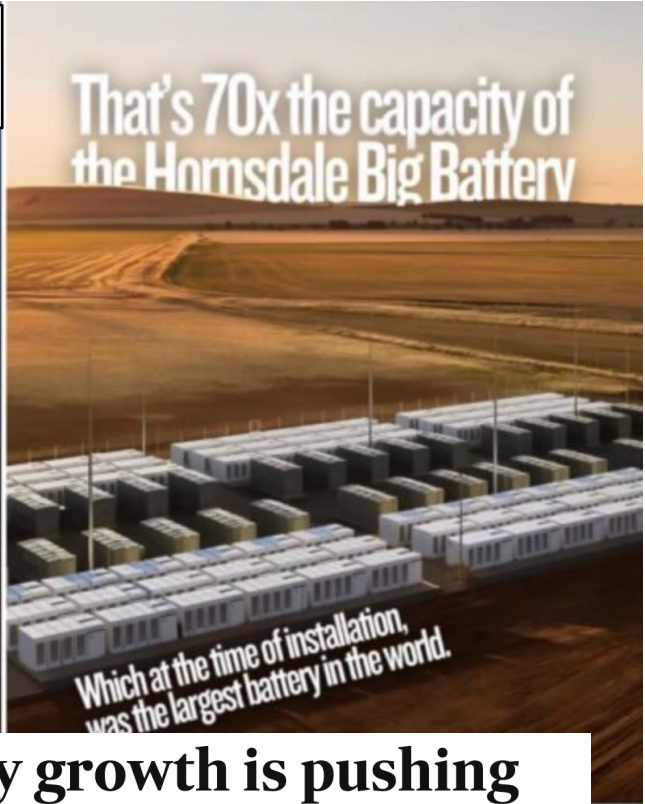
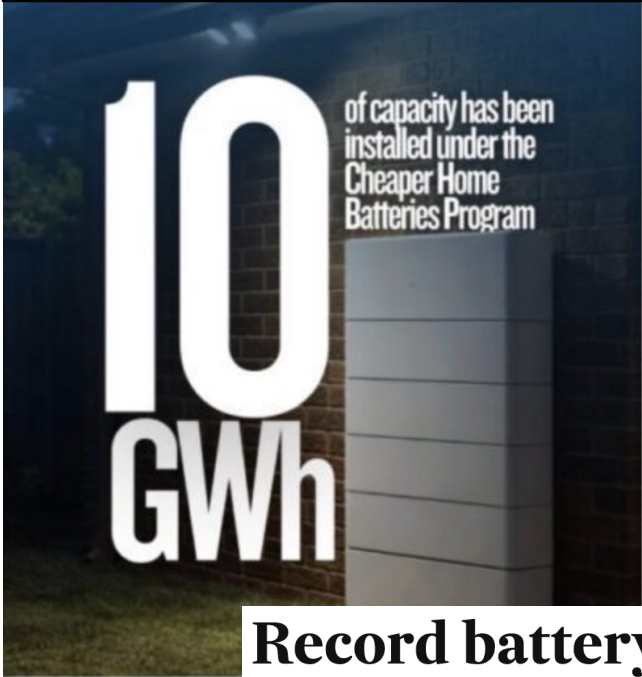
Source: gridstatus.io @gavinmooney

Source: Gavin Mooney, Kaluza via LinkedIn

The \$7.2bn Home Battery Scheme is a roaring Success

Solar + BESS + V2G => Accelerated Energy System Transformation: California

>360,000 home battery installs in just 10 months.



Record battery growth is pushing power prices down

Ryan Cropp *Energy and climate reporter*



Apr 30, 2026 - 12.01am

FINANCIAL REVIEW