



the outlook for energy storage in the fourth quarter

While energy storage deployments at the grid scale in the fourth quarter declined by 20% compared to the fourth quarter of 2023, this was mainly due to the delay of 2 GW of projects in advanced development from the fourth quarter of 2023 to 2024. The US energy storage monitor is a quarterly publication of Wood Mackenzie Power & Renewables and the American Clean Power Association. Each quarter, we gather data on US energy storage deployments, prices, policies, regulations and business models. We compile this information into this report. Energy storage installations exceeded 12 GW in 2024 in despite a 20% year-over-year drop in the fourth quarter, according to the latest Energy Storage Monitor. U.S. energy storage deployments rose 34% from 2023 to 2024, and all three energy storage segments Wood Mackenzie tracks saw double-digit growth. Each quarter, new industry data is compiled into this report to provide the most comprehensive, timely analysis of energy storage in the US. All forecasts are from Wood Mackenzie Power & Renewables; ACP does not predict future pricing, costs or deployments. Media inquiries should be directed to HOUSTON/WASHINGTON, D.C., March 19, 2024 -- The U.S. energy storage market set a new record in 2024 with 12.3 gigawatts (GW) of installations across all segments, according to the latest U.S. Energy Storage Monitor report released today by the American Clean Power Association (ACP) and Wood Mackenzie. Global installed energy storage is on a steep upward trajectory. From just under 0.5 terawatts (TW) in 2020, total capacity is expected to rise ninefold to over 4 TW by 2030, driven by battery energy storage systems (BESS). Last year saw a record-breaking 200 gigawatt-hours (GWh) of new BESS. Tesla has reported record quarterly and full-year deployment figures for its Megapack and Powerwall battery storage products in its latest financial results. The Texas, US-headquartered electric vehicle (EV), storage and solar manufacturer announced its Q4 and full-year earnings this week (29 January). US deploys record energy storage in 2024, but Trump Energy storage installations exceeded 12 GW in 2024 in despite a 20% year-over-year drop in the fourth quarter, according to the latest Energy Storage Monitor. US Energy Storage MonitorA record-breaking 346 MW of residential storage was installed in Q3 2024, a 63% increase over the previous quarter. California, Arizona, and North Carolina led growth, installing 56%, 73% and 73% respectively. REPORT: Energy Storage's Meteoric Rise Breaks Another RecordTexas and California continue to lead the market, with 61% of the total installed capacity in Q4, while the remaining 39% was installed across 13 states, expanding storage market. Global energy storage market: review and outlookDeveloping energy storage has become a global consensus. It was announced at COP29 in late 2023 that global storage capacity will increase to 1,500 GW by 2030, more than double current capacity. Energy Storage OutlookWhile power demand is expected to continue to see strong growth in 2024 and beyond, the growth rate of low-carbon energy sources is now close to covering the entire global power demand. Tesla deployed 31GWh of storage in 2024, segment The Texas, US-headquartered electric vehicle (EV), storage and solar manufacturer announced its Q4 and full-year earnings this week (29 January). It deployed 11GWh of energy storage in the fourth quarter, and 2024 Energy Storage Rides a Wave of Growth but Uncertainty With developers continuing to add new capacity, including 9.2 GW of new lithium-ion battery storage capacity in 2024 through November and comparable levels of growth expected. Energy storage breaks records in the US with 12GW We



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are increasingly seeing the diversification of industry growth across various geographic regions, with 30% of storage capacity additions in the fourth quarter of coming from New Mexico, Oregon, and Arizona. What's Driving Energy Storage in ? Grid-scale storage is expanding across the U.S. Wood Mackenzie tracked record capacity additions in the fourth quarter of , topping 3.9 GW and 11 GWh. That's a whopping 358% increase year-over-year, Energy Transfer Reports Fourth Quarter Results and In January , Energy Transfer announced a quarterly cash distribution of \$0. per common unit (\$1.30 annualized) for the quarter ended December 31, , which is an Tesla Fourth Quarter Production, Deliveries AUSTIN, Texas, January 2, - In the fourth quarter, we produced approximately 459,000 vehicles, delivered over 495,000 vehicles and deployed 11.0 GWh of energy storage products - a record for both deliveries and US marks record year for energy storage installations The remainder was installed across 13 other states. The residential storage market exceeded 1,250MW in , marking its highest year on record and 57% above U.S. Energy Storage Market Achieves Record Growth in , Kelsey Hallahan, ACP's Sr. Director of Market Intelligence, noted that energy storage entered a new growth phase with its first year of double-digit deployment. In Q4 , Global energy storage market: review and outlook The global energy storage market added 175.4 GWh of installed capacity in , with the three major regional markets--China, the Americas, and Europe--continuing to Shoals Technologies Group, Inc. Reports Financial Results for Fourth First Quarter Outlook The Company is providing an outlook for the first quarter given the headwinds in the utility scale solar market, which have resulted in certain customers changing Tigo Energy Reports Fourth Quarter and Full Year Revenue for the full year of \$54.0 million, down 62.8% year-over-year. Inventory charges for the fourth quarter and full year of \$19.5 million and \$23.5 million, TC Energy reports solid fourth quarter operating CALGARY, Alberta, Feb. 14, (GLOBE NEWSWIRE) -- TC Energy Corporation (TSX, NYSE: TRP) (TC Energy or the Company) released its fourth quarter results today. Tesla Deploys 11 GWh of Energy Storage Systems in Q4 , According to Office Amount @ ESRE2022, in the fourth quarter of , Tesla deployed 11 GWh of energy storage systems, marking the highest single-quarter installation US energy storage installations grow 33% year-over-year Texas and California continued to lead the grid-scale storage market and represented 61% of total installed capacity in the fourth quarter. The remaining 39% was installed in 13 states, said the report. Eos Energy Achieves Full-Year Revised Revenue Guidance The Company expects to achieve its revised \$15 million revenue guidance for the full-year driven by increased customer deliveries during the fourth quarter. This result Short-Term Energy Outlook Global oil prices. We expect the Brent crude oil price will decline significantly in the coming months, falling from \$68 per barrel (b) in August to \$59/b on average in the fourth quarter of India Energy Outlook - Analysis About this report India Energy Outlook explores the opportunities and challenges ahead for India as it seeks to ensure reliable, affordable and sustainable energy to Eos Energy Achieves Full-Year Revised Revenue Guidance The Company expects to achieve its revised \$15 million revenue guidance for the full-year driven by increased customer deliveries during the fourth quarter. This result India



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Energy Outlook - Analysis About this report India Energy Outlook explores the opportunities and challenges ahead for India as it seeks to ensure reliable, affordable and sustainable energy to a growing population. The report Energy Vault Reports Fourth Quarter and Full Year Energy Vault Holdings, Inc., a leader in sustainable, grid-scale energy storage solutions, has announced financial results for the fourth quarter and full-year ended December Q3 in Review and Q4 Market Outlook Q3 in Review and Q4 Market Outlook Our analysts put Q3's performance trends for stock sectors, bonds, and funds into perspective, and look ahead with a fresh outlook for the fourth quarter. Energy Sector Performance : Key Insights and Trends Discover key insights into Energy Sector Performance , from midstream gains to upstream challenges. Learn what's ahead for investors. Residential battery storage skyrockets in record The US battery storage market set another record in , according to a new report from the American Clean Power Association and Wood Mac. U.S. energy storage installations grow 33% year-over Texas and California continued to lead the grid-scale storage market and represented 61% of total installed capacity in the fourth quarter. The remaining 39% was installed in 13 states, said the report. Energy Transfer Reports Fourth Quarter Results Energy Transfer LP (NYSE:ET) ("Energy Transfer" or the "Partnership") today reported financial results for the quarter and year ended December 31, 202 US energy storage set a new record in Q1 but the future US energy storage set a Q1 record in with 2 GW added, but looming policy changes could put that growth at serious risk. Enphase posts 42% revenue decline in Enphase Energy, the world's largest solar microinverter supplier, has said that its fourth-quarter revenues slightly exceeded Wall Street expectations. The California-based Presentation Forward-looking Statements / Legal Disclaimer Management of Energy Transfer LP (ET) will provide this presentation in conjunction with ET's 4th quarter earnings conference call. Energy Transfer Reports Fourth Quarter Results Energy Transfer LP (NYSE:ET) ("Energy Transfer" or the "Partnership") today reported financial results for the quarter and year ended December 31, 202 Presentation Forward-looking Statements / Legal Disclaimer Management of Energy Transfer LP (ET) will provide this presentation in conjunction with ET's 4th quarter earnings conference call.

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