

FRACTAL ENERGY STORAGE NEWS



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Storage M&A Transactions and Investment News

United States

- *Jan 29th*: ESS Tech Inc. announced the closing of a \$15M registered direct offering priced at a premium to market, selling 1,250,000 shares at \$12 per share to an institutional investor. The offering, announced on January 29, 2026, provides capital for ESS's iron flow battery technology. This supports ESS's growth in

long-duration energy storage.¹

- **Jan 29th**: Redwood Materials closed an additional \$75M in Series E funding, led by Google with participation from Capricorn and Goldman Sachs Alternatives, bringing the total Series E to \$425M. The funding supports expansion of its energy storage platform and integrated recycling business amid rising demand from AI and electrification. In 2024, Redwood launched Redwood Energy for stationary storage using repurposed EV batteries and began critical materials recovery in South Carolina with 20,000 metric tons of annual capacity.²
- **Jan 26th**: CleanCapital acquired a majority interest in a battery storage portfolio through a joint venture (JV) with Osaka Gas USA, totaling 150 MW / 600 MWh across California and Texas, including projects like Black Walnut (15 MW / 60 MWh) and Valley Center (10 MW / 40 MWh). The transaction expands CleanCapital's portfolio to over 1 GW.³
- **Jan 22nd**: U.S. energy developer Hecate Energy Group is going public via a \$1.2B merger with blank-check company EGH Acquisition Corp. (EGH), with the combined entity trading on Nasdaq as HCTE.⁴
- **Jan 19th**: U.S. energy storage developer Liminal Energy secured \$200M from NGP Energy Capital Management to build utility-scale batteries. This partnership focuses on flexible, standalone, and hybrid battery storage projects, leveraging Liminal's development expertise and NGP's significant capital, aligning with NGP's increased focus on energy transition investments.⁵
- **Jan 15th**: NextVolt, a leading utility-scale battery energy storage developer, announced the successful sale of its 250 MW / 1,000 MWh standalone battery energy storage project to Exus Renewables North America (Exus), a prominent owner-operator and asset manager in the renewables sector. The project is currently in development and located in the WECC region. NextVolt originated the project, executed site control, and performed diligence and early-stage development work. Under the agreement, Exus will advance the project through final development and construction and will own and operate the facility long-term.⁶
- **Jan 14th**: Swift Current Energy sold its Prospect Power, a 150 MW / 600 MWh battery storage project in Rockingham County, Virginia, to Elevate Renewables, the largest in Virginia and PJM, fully contracted under a 15-year PPA, on track for 2026 operations. Swift Current secured \$242M in project financing from Truist Securities, CIBC, KeyBank, and Natixis, plus tax equity financing. This sale aligns with Swift Current's growth for its multi-GigaWatt portfolio, while Elevate focuses on battery infrastructure for grid reliability and data centers.⁷
- **Jan 13th**: Greenbacker, an energy transition-focused investment manager and independent power producer, announced the sale of a 237 MW portfolio of solar generation and storage assets to Altus Power, a long-term owner and operator of U.S.-based commercial-scale solar assets. The portfolio sale, which comprises more than 100 projects across 18 states, underscores Greenbacker's commitment to fleet optimization as the company sharpens its focus on scaled renewable energy infrastructure projects.⁸
- **Jan 12th**: Aspen Power secured a \$200M capital commitment from Deutsche Bank in January 2026 to accelerate the growth of its distributed solar and storage projects across the U.S., supporting development, vendor partnerships, and nationwide project deployment for community solar, C&I, and small utility-scale

¹ <https://www.businesswire.com/news/home/20260129933643/en/ESS-Tech-Inc.-Announces-Closing-of-%2415-Million-Registered-Direct-Offering-Priced-at-a-Premium-to-Market>

² <https://www.redwoodmaterials.com/redwood-materials-closes-additional-75-million-in-series-e-funding>

³ <https://www.businesswire.com/news/home/20260126680688/en/CleanCapital-Acquires-Majority-Interest-in-Battery-Storage-Portfolio-Through-Joint-Venture-with-Osaka-Gas>

⁴ <https://www.globenewswire.com/news-release/2026/01/22/3223647/0/en/Hecate-Energy-Group-to-Become-Public-Company-Through-Business-Combination-with-EGH-Acquisition-Corp.html>

⁵ <https://liminalenergy.co/insights/press-release>

⁶ <https://www.prnewswire.com/news-releases/nextvolt-announces-sale-of-250-mw--1-000-mwh-battery-energy-storage-project-to-exus-renewables-north-america-302662742.html>

⁷ <https://www.prnewswire.com/news-releases/swift-current-energy-executes-sale-of-prospect-power-to-elevate-302661837.html>

⁸ <https://www.greenbackercapital.com/resources/greenbacker-advances-strategic-focus-on-scaled-clean-energy-with-sale-of-237-mw-solar-and-storage-portfolio-to-altus-power>

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offerings.⁹

- **Jan 12th**: Amazon.com Inc. received federal bankruptcy court approval to acquire Pine Gate Renewables' Sunstone Solar project (1,200 MW Solar PV + 1,200 MW / 7,200 MWh BESS) in Morrow County, Oregon, for \$83 million in cash. This acquisition marks a pivot for Amazon from signing power purchase agreements (PPAs) to direct ownership of renewable energy assets. The purchase follows Amazon's legal complaints against utility provider PacifiCorp for failing to supply sufficient power to its expanding regional data centers. The first of six phases is expected to be completed by November 2027.¹⁰
- **Jan 11th**: Canadian Solar Inc. closed a \$230M offering of 1.50% convertible senior notes due 2031, with net proceeds of \$224.1M after discounts and expenses. The notes, priced at par value, include greenshoe options exercised for \$30M. This financing supports Canadian Solar's operations and growth in solar and storage.¹¹
- **Jan 10th**: Cherry Street Energy acquired 16 operating solar projects from Inman Solar, adding 12.7 MW capacity across Georgia, Florida, Washington D.C., South Carolina, and Michigan, with annual production of 20,073 MWh. The transaction includes 7.3 MW (DC) in Georgia under long-term contracts averaging over 20 years. This acquisition diversifies revenue and offers potential for battery storage integration.¹²
- **Jan 8th**: Clearway Energy Operating LLC, a unit of Clearway Energy, Inc., targeted raising \$600M in senior notes in January 2026 to finance new US renewable and energy storage projects, up from an initial target, with proceeds used for acquisitions, debt refinancing, and general corporate purposes.¹³
- **Jan 7th**: Spearmint Energy (Spearmint), a next-generation energy company bringing stable, secure and cost-effective energy solutions to the power grid with large-scale battery storage, has successfully closed an equity investment in Tierra Seca and Seven Flags, two 100 MW / 200 MWh BESS located in Del Rio and Laredo, respectively. The investment, which will support the addition of 400 MWh of energy storage capacity to ERCOT, was provided by Kyuden International Corporation (Kyuden International).¹⁴
- **Jan 6th**: Pattern Energy Group (Pattern Energy), a leader in clean energy and transmission infrastructure, and Cordelio Power announced they have entered into a definitive agreement for Pattern Energy to acquire Cordelio Power, an independent power producer in Canada and the U.S. The addition of Cordelio Power will expand one of the largest independent clean energy infrastructure platforms in North America.¹⁵
- **Jan 2nd**: Israel's Nofar Energy has won the bid to acquire Pine Gate Renewables' ~1 GW US solar portfolio for an enterprise value of around \$575M through Pine Gate's bankruptcy proceedings, a deal closing in early 2026 for \$285M cash plus assumed debt, expanding Nofar's US footprint with nine projects in the Southeast and Texas.¹⁶

International

- **Jan 30th**: Aream Advisory GmbH has acquired 100% of the share capital of GME Ventures AG with effect from 19 December 2025 and became the sole shareholder. The acquisition included a ground-mounted photovoltaic project pipeline totaling more than 500 MW of BESS across various development stages. It also included a four-member development team and its industry network.¹⁷
- **Jan 29th**: ContourGlobal, a KKR subsidiary, acquired a 37 MW portfolio of operational solar projects (26

⁹ <https://www.aspenpower.com/aspen-power-gets-200m-grow-distributed-solar-storage-us>

¹⁰ <https://www.datacenterdynamics.com/en/news/amazon-acquires-shovel-ready-12gw-solar-and-storage-facility-in-oregon-report/>

¹¹ <https://www.prnewswire.com/news-releases/canadian-solar-announces-closing-of-offering-of-us230-million-convertible-senior-notes-due-2031-302659836.html>

¹² <https://www.prnewswire.com/news-releases/cherry-street-energy-advances-growth-strategy-with-16-site-acquisition-302656832.html>

¹³ <https://www.clearwayenergy.com/clearway-unit-targets-600m-renewable-acquisitions-us>

¹⁴ <https://www.businesswire.com/news/home/20260107482724/en/Spearmint-Energy-Secures-Investment-from-Kyuden-International-Corporation-for-400-MWh-Battery-Energy-Storage-Across-Two-Projects-in-ERCOT>

¹⁵ <https://patternenergy.com/pattern-energy-announces-agreement-to-acquire-cordelio-power/>

¹⁶ <https://www.pv-tech.org/nofar-energy-to-buy-1gw-us-solar-portfolio-from-bankrupt-pine-gate/>

¹⁷ <https://renews.biz/109713/aream-acquires-solar-developer-gme-ventures/>

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projects commissioned 2011-2022, previously owned by Quest Energy) and 500 MW / 2,000 MWh BESS in Greece, including the 100 MW / 400 MWh Taxiarches project in Thessaly (construction Q1 2026, COD early 2027) and 400 MW / 1,600 MWh across six projects. Announced on January 29, 2026, with advisors AXIA Ventures Group (financial) and Koutalidis Law Firm (legal) for ContourGlobal. No transaction amounts disclosed.¹⁸

- *Jan 28th*: German asset manager Prime Capital AG has acquired the 135 MW / 540 MWh (Project Monet) battery storage project in Saxony-Anhalt, Germany from Zelos Energy Developments, securing all permits for construction to start in early 2026.¹⁹
- *Jan 27th*: Enlight Renewable Energy, a leading global renewable energy developer and an independent power producer, has signed an agreement to acquire a stake in Project Jupiter, a large-scale co-located solar and energy storage project in Germany, in partnership with Prime Capital AG – an independent Alternative Asset Manager in Germany - acting on behalf of its Prime Green Energy Infrastructure Fund II (PGEIF II). As the parties advance the project toward construction, Enlight is expected to acquire 51% to 60% of the shares in the project with PGEIF II holding the remaining shares.²⁰
- *Jan 27th*: MetaWealth, a U.S.-based asset management firm, announced a EUR 110M investment in grid-scale BESS in Romania, starting with EUR 22M for an initial 130 MWh capacity comprising a 100 MWh standalone system in Dumbrava, Neamț County, and 30 MWh co-located storage. The first 30 MWh is expected to be operational by Q3 2026, with full 130 MWh commissioning by Q4 2026, expanding to a 650 MWh pipeline.²¹
- *Jan 27th*: Alpiq acquired France's largest battery storage system, the 100 MW / 200 MWh Cheviré BESS, at the Port of Nantes Saint-Nazaire from Harmony Energy, announced January 27, 2026, making it Alpiq's second such deal with Harmony Energy and boosting its portfolio to over 750 MW across Europe. The project was commissioned in late 2025.²²
- *Jan 25th*: SIA Baltic Energy Reserve, backed by Infinite Grid Capital (IGC), signed a deal to acquire three development-stage battery energy storage projects in Latvia with a combined capacity of approximately 45 MW, aiming to support grid stability as the Baltics integrate more renewables after decoupling from Russia's grid. The deal involves a share purchase from SIA Solar Energy Fund, with projects in Riga holding land rights and grid permits, aligning with IGC's broader European energy infrastructure strategy.²³
- *Jan 23rd*: Indian startup Meine Electric raised INR 62.5M (~\$750,000) in seed funding from investors including Vitus Capital, Roquette Ventures, and India Quotient to advance its iron-air long-duration energy storage (LDES) technology, targeting 100-hour discharge for renewable firming. The funding, announced on January 23, 2026, will support pilot deployment and R&D, with Meine's rust-based batteries offering 70% lower costs than lithium-ion. Meine aims to achieve 1 GWh of commercial deployment by 2028, supported by grants from the India-Australia Renewable Energy Partnership.²⁴
- *Jan 23rd*: ICG's Asia-Pacific Infrastructure team acquired a majority stake in Japan's Ray8 Energy, a storage developer, to scale its BESS platform, aiming for over 1GW of capacity by developing new projects and acquiring existing ones, leveraging Ray8's expertise in site selection, permits, and project lifecycle management in the growing Japanese energy market. This strategic partnership supports Japan's transition

¹⁸ <https://www.contourglobal.com/contourglobal-acquires-37-mw-solar-and-500-mw-2-gwh-bess-greece>

¹⁹ <https://inspiratia.com/article/prime-capital-acquires-135mw-german-bess-project>

²⁰ <https://www.globenewswire.com/news-release/2026/01/27/3226558/0/en/Enlight-Expands-Its-Energy-Storage-Footprint-in-Europe-Through-Investment-in-the-Jupiter-Project-in-Germany.html>

²¹ <https://www.romania-insider.com/metawealth-battery-storage-romania-jan-2026>

²² <https://www.alpiq.com/alpiq-acquires-100-mw-200-mwh-battery-storage-project-france>

²³ <https://greentechlead.com/energy-news/renewable-energy-news-igc-voltwise-munch-energie-52061>

²⁴ <https://www.meine-electric.com/meine-electric-raises-750000-for-iron-air-ldes>

- to renewables, with Ray8 planning to make significant investments using ICG's long-term capital.²⁵
- *Jan 23rd*: Azrieli Group is buying a 50% stake in Shikun & Binui Energy's 112 MW /784 MWh Ramat Beka solar-plus-storage project in Israel's Negev Desert, committing to purchase all the power for 20 years, a unique model for Israel that secures clean energy for Azrieli's properties and supports Israel's renewable goals with dispatchable power by 2029.²⁶
 - *Jan 22nd*: French energy giant Engie has acquired Eku Energy's 30% stake, securing 100% ownership of Australia's first grid-scale Hazelwood BESS and its planned expansion (HBESS 2.0), a move that consolidates control for future development at the site of the former Hazelwood coal plant. This strategic acquisition gives Engie full control of the 150 MW/150 MWh battery, which was commissioned in June 2023.²⁷
 - *Jan 21st*: Second Foundation Japan GK completed acquiring Trina Solar Japan Energy's (TSJE) solar and BESS project development platform in January 2026, expanding its capabilities in Japan's renewable energy sector by adding significant project development assets for trading, aggregation, and asset management. This acquisition strengthens Second Foundation's presence in Japan, following its 2024 JV with IQG.²⁸
 - *Jan 20th*: Aquila Clean Energy sold a 50 MW / 100 MWh BESS project in Lithuania to Energy Gates, reaching ready-to-build status, announced on January 20, 2026. The two-hour storage supports grid stability and renewable integration in the Baltic region.²⁹
 - *Jan 20th*: Aream Infrastruktur Finance GmbH is developing a strategic partnership to build a 200 MW_p solar and battery storage pipeline in Germany, securing projects through the acquisition of an unnamed project developer. The projects will be advanced to construction readiness over the next two to three years. The acquisition was financed entirely with the proceeds from Aream Infrastruktur's 7.25% green bond, which can still be subscribed.³⁰
 - *Jan 19th*: Hamburg-based Milvio Energy recently sold a fully developed 50 MW standalone BESS in Germany, marking their first divestment of a purely battery project, with Capcora (a financial advisory firm) acting as the sell-side advisor for the deal.³¹
 - *Jan 19th*: Finnish construction firm Lehto Group has acquired rights for a 30 MW energy storage project in Kalajoki, Finland, including grid connection, land, and permits, with future potential for expansion and solar integration. The deal involves acquiring rights from HPF Kalajoki Oy, with completion of conditions targeted for Q2 2026, construction starting later in 2026, and the facility operational by mid-2027, representing an estimated €15M investment for the first phase.³²
 - *Jan 19th*: Sustainable Energy Solutions Sweden Holding AB (SENS) and Dovre Group signed an agreement in January 2026 to sell their 85 MW / 170 MWh BESS project at the Pyhäsalmi mine in Finland to a Frankfurt-based infrastructure investor, completing the sale of the project company (SPV). The deal is expected to close in Q1 2026.³³
 - *Jan 16th*: Fortescue, a global green energy and metal mining company, has announced the acquisition of Zitara, a U.S.-based company specializing in on-site energy storage precision control solutions. The company is rolling out 4-5GWh of storage systems that will be required to provide critical grid stability to decarbonise its iron ore operations by 2030.³⁴

²⁵ <https://www.energyglobal.com/energy-storage/23012026/icg-asia-pacific-infrastructure-partners-with-ray8-energy-to-scale-bess-in-japan/>

²⁶ <https://www.energymarketprice.com/home/en/news/1172907>

²⁷ <https://www.ekuenergy.com/en/news-and-blogs/news-hazelwood-bess>

²⁸ <https://japanenergyhub.com/news/second-foundation-acquires-trina-solar-japan-energy-platform/>

²⁹ <https://www.aquilacapital.com/aquila-clean-energy-sells-100-mwh-bess-lithuania>

³⁰ <https://solarbytes.info/emea-bytes/aream-infrastruktur-finance-invests-200-mwp-solar-hybrid-pipeline-germany-11016416>

³¹ <https://www.capcora.com/milvio-energy-oyj/r/lehto-group-plc--inside-information--lehto-acquires-rights-to-build-a-30-mw-electricity-storage-facility>

³² <https://news.cision.com/lehto-group-oyj/r/lehto-group-plc--inside-information--lehto-acquires-rights-to-build-a-30-mw-electricity-storage-facility,c4293731>

³³ <https://news.cision.com/sustainable-energy-solutions-sweden-holding-ab/r/sens-signs-agreement-regarding-sales-of-85-mw-bess-project-in-pyhasalmi--finland,c4294195>

³⁴ <https://esdnews.com.au/fortescues-battery-platform-elysia-acquires-zitara/>

- **Jan 16th**: CleanPeak Energy has completed the purchase of five solar farm and BESS development sites in New South Wales from Fortitude Renewables, enhancing its portfolio with an additional 25 MW of solar power and 100 MWh of storage capacity. The acquisition includes four fully developed projects in Ashley, Gunnedah, Dubbo, and Culcairn, along with a fifth site in Warialda pending final development approval. Each site features approvals and grid connections for 5 MW solar installations paired with battery systems, and the projects are projected to generate approximately 90 GWh of renewable energy annually and produce approximately 85,000 large-scale generation certificates.³⁵
- **Jan 15th**: SkyFire Energy Inc., Western Canada's leading employee-owned solar EPC and O&M firm, acquired Hakai Energy Solutions, a British Columbia company specializing in residential and remote solar systems, enhancing SkyFire's capabilities across solar and battery energy storage markets. The acquisition expands SkyFire's geographic reach into Vancouver, Vancouver Island, and coastal British Columbia, and strengthens its engineering, procurement, construction, and maintenance services for solar and battery solutions in both grid-tied and off-grid environments.³⁶
- **Jan 12th**: Thai energy producer B.Grimm Power PCL acquired a 25% stake in New England Reliable Hydropower Holdings LLC (NERH) for \$230M in January 2026, gaining interest in NERH's 406 MW hydropower portfolio and 8 MW of battery storage in the U.S. as part of B.Grimm's strategy to expand its international renewable energy footprint, primarily in Maine and New Hampshire.³⁷
- **Jan 12th**: Renewable developer Elements Green acquired the 148.8 MW Bolney Green Energy Hub battery storage project (BESS) in West Sussex, England, from Envirotech Energy Solutions via a share purchase agreement, expanding its UK portfolio with a project planned for operation in Q4 2027,³⁸
- **Jan 12th**: KOREALFP, a Korean manufacturer of lithium iron phosphate (LFP) battery cells and modules for e-mobility, energy storage systems (ESS), and industrial power applications, secured KRW 4.35 B (~\$3M) in funding from Korinvest Group, a U.S. investor focused on backing Korean technology startups. This follows an initial ~\$200,000 investment from Korinvest in October 2025 and comes as KOREALFP showcased its battery safety technologies at CES 2026. The funding will support expansion of U.S. production capacity and global supply chain development, enhancing the company's ability to serve industrial energy storage and mobility markets.³⁹
- **Jan 9th**: Norway's Otovo ASA, an online marketplace for home solar and battery storage, is entering the U.S. market by acquiring Solar Service Professionals Inc. (SSP) in California, a strategic move to leverage SSP's existing customer base and expand Otovo's AI-driven energy services into America's largest residential solar market.⁴⁰
- **Jan 7th**: Danish energy trader MFT Energy recently acquired a majority stake in Northium Energy, a developer of grid-connected BESS, as part of MFT's Envision '28 strategy to expand into owning physical energy assets.⁴¹
- **Jan 6th**: Gresham House Energy Storage Fund (GRID) is significantly expanding its UK battery storage portfolio by signing deals for the 240 MW Cockenzie (East Lothian) and 57 MW Monet's Garden (North Yorkshire) projects (both 2-hour duration), with the latter's acquisition now complete, following the earlier November 2025 acquisition of the 100 MW Elland 2 (West Yorkshire) project, adding 397 MW of capacity towards their Three-Year Plan. These projects, acquired from the Gresham House group, leverage shared

³⁵ <https://www.cleanpeak.com/cleanpeak-acquires-five-nsw-solar-battery-projects-from-fortitude>

³⁶ <https://www.globenewswire.com/news-release/2026/01/15/3219602/0/en/SkyFire-Energy-Joins-Forces-with-Hakai-Energy-Solutions-Strengthening-its-Leadership-in-Solar-and-Battery-Energy-Storage-Systems.html>

³⁷ <https://www.forbes.com/sites/yessarrosendar/2026/01/12/thai-billionaire-harald-links-bgrimm-power-buys-230-million-stake-in-us-hydropower-operator/>

³⁸ <https://renews.biz/106338/elements-green-buys-149mw-uk-storage-project/>

³⁹ <https://en.wowtale.net/2026/01/12/233308/>

⁴⁰ <https://finance.yahoo.com/news/otovo-acquires-solar-professionals-enter-130000833.html>

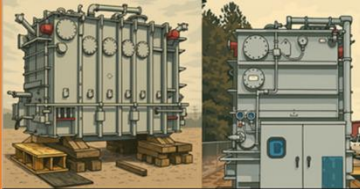
⁴¹ <https://www.mainsights.io/ma-news/danish-energy-trader-mft-energy-acquires-majority-stake-in-battery-storage-developer-northium-energy>

infrastructure to improve efficiency. Elland 2 and Monet's Garden will form a combined project using existing assets, with construction starting once grid connection offers are confirmed in early 2026.⁴²

Sales Processes

DOMESTIC 120 MVA MAIN POWER TRANSFORMER – FOR IMMEDIATE SALE - \$2M OBO

120 MVA MPT
230 kV : 34.5 kV
FOR SALE



REPUTABLE BUYERS INVITED

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Contact Aaron Barker at aaron@fractalba.com.

Domestic 120 MVA Main Power Transformer (MPT), currently warehoused in South Carolina and available for immediate sale. The MPT has an active (transferable) warranty until April 2031. Specifications Overview:

- 120 MVA Three-Phase OLTC Transformer
- 72/90/120 MVA 65 °C Rise ONAN/ONAF1/ONAF2
- 230 kV +/-10% Grd Wye : 34.5 kV Grd Wye : 13.8 kV (Buried)
- Vector:- YNyn0+d1
- Manufacturer: Virginia Transformer

JUST RELEASED - PROJECT MAPLE OPPORTUNITY – ERCOT WEST BESS

ERCOT BESS
PROJECT
FOR SALE



REPUTABLE BUYERS INVITED

NBO SUBMISSION MAR 6th

[CLICK HERE](#) to learn more.

Project Maple features a standalone 50.0 MW / 100.0 MWh BESS project located in Taylor County, West Load Zone, Texas (ERCOT), with an expected In-Service Date in Q4 2028. This is a time-sensitive opportunity for interested parties. Buyers can contact Sean Bruno at sean@fractalba.com.

JUST RELEASED - PROJECT TRELAS OPPORTUNITY – ERCOT SOUTH BESS PROJECT

ERCOT BESS
PROJECT
FOR SALE



REPUTABLE BUYERS INVITED

NBO SUBMISSION MAR 6th

[CLICK HERE](#) to learn more.

Project Trelas features a standalone 203.0 MW / 406.0 MWh BESS project located in McCulloch County, South Load Zone, Texas (ERCOT), with an expected In-Service Date in Q1 2028. The project abuts a data center and has the option to develop over 500 acres of PV. This is a time-sensitive opportunity for interested parties. Interested Buyers can contact Sean Bruno at sean@fractalba.com.

PROJECT ANAWA LA OPPORTUNITY – ERCOT SOUTH AC COUPLED PV+S

ERCOT PV+S
PROJECT
FOR SALE



REPUTABLE BUYERS INVITED

THIS PROCESS IS IN PHASE 2 AND IS STILL ACCEPTING OFFERS – CONTACT US ASAP

[CLICK HERE](#) to learn more.

Project Anawa La features an AC-Coupled 93.3 MW_{ac} Solar PV + 103.7 MW / 207.4 MWh BESS project located in Hidalgo County located in the South Load Zone, Texas (ERCOT), with an expected In-Service Date in Q2 2027. The site is datacenter-ready, with access to multiple fiber lines, natural gas lines, and secured IAs for onsite generation and storage. This is a time-sensitive opportunity for interested parties. Buyers can contact Sean Bruno at sean@fractalba.com.

⁴² <https://www.greshamhouse.com/gresham-house-energy-storage-fund-acquires-three-bess-projects>

PROJECT BLACK BEAR OPPORTUNITY – ERCOT SOUTH AC COUPLED PV+S

**ERCOT PV+S
PROJECT
FOR SALE****REPUTABLE BUYERS INVITED****THIS PROCESS IS IN PHASE 2 AND IS STILL
ACCEPTING OFFERS – CONTACT US ASAP**[CLICK HERE](#) to learn more.

Project Blackbear features an AC-Coupled 102.9 MW_{ac} PV + 51.2 MW / 102.4 MWh BESS project located in Crockett County, Texas, in the South Load Zone (ERCOT), with an expected In-Service Date in Q2 2028. The site is datacenter-ready, with access to multiple fiber lines, natural gas lines, and secured IAs for datacenter use up to 300 MW. This is a time-sensitive opportunity for interested parties. Buyers can contact Sean Bruno at sean@fractalba.com.

PROJECT EPOQUE OPPORTUNITY – ERCOT WEST ZONE DG BESS PROJECT

**ERCOT BESS
PROJECT
FOR SALE****REPUTABLE BUYERS INVITED****THIS PROCESS IS IN PHASE 2 AND IS STILL
ACCEPTING OFFERS – CONTACT US ASAP**[CLICK HERE](#) to learn more.

Project Epoque sale process features a standalone project features a 9.9 MW_{ac}, 2-hour BESS located in the Houston Load Zone, Texas (ERCOT), with an expected In-Service Date in Q3 2027. The project has an executed SGIA and has already paid for the interconnection upgrade. This is a time-sensitive opportunity for interested parties. Buyers prepared to submit an NBO may request the process letter and access to the VDR by contacting Sean Bruno at sean@fractalba.com.

PROJECT KNAPP OPPORTUNITY – ERCOT WEST ZONE DG BESS PROJECT

**ERCOT BESS
PROJECT
FOR SALE****REPUTABLE BUYERS INVITED****THIS PROCESS IS IN PHASE 2 AND IS STILL
ACCEPTING OFFERS – CONTACT US ASAP**[CLICK HERE](#) to learn more.

Project Knapp features a 9.9 MW_{ac}, 2-hour BESS located in the ERCOT West, with an expected In-Service Date of next month. The project is **UNDER CONSTRUCTION** and has a nodal volatility in the **TOP 4% of ERCOT**. This is a time-sensitive opportunity for interested parties. Buyers prepared to submit an NBO may request the process letter and access to the VDR by contacting Sean Bruno at sean@fractalba.com.

PROJECT ENERGY CITY SALE PROCESS – DATA CENTER READY ERCOT BESS

**ERCOT PVS
AND BESS
FOR SALE****REPUTABLE BUYERS INVITED****NOW ACCEPTING OFFERS.**[CLICK HERE](#) to learn more.

The Project Energy City (part of the Redzone Portfolio) sale process includes a standalone 200 MW / 400 MWh BESS located in Midland County, Texas (ERCOT West; target COD: Q4 2027). The site is datacenter-ready, with access to multiple, redundant fiber lines, natural gas lines, and secured IA for onsite storage. This is a time-sensitive opportunity for interested parties. Buyers prepared to submit an NBO may request the process letter and access to the VDR by contacting Aaron Barker at aaron@fractalba.com.

PROJECT DAMON OPPORTUNITY – TEXAS HOUSTON DG BESS PROJECT

**ERCOT BESS
PROJECT
FOR SALE**



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Recent Finance and Tax Equity News

United States

- *Jan 29th*: Pivot Energy reported it had a record year in 2025, securing more than \$400M in financing and permitting over 235 MW of commercial- and community-scale solar projects across the U.S., strengthening its role in renewable deployment despite challenging policy headwinds. The company also donated significant funds to local communities and advanced major partnerships with large corporations and institutions, while expanding its solar + storage pipeline. Pivot reached an all-time combined pipeline of around 4.3 GW of solar projects (completed or under development) and received multiple industry recognitions, underscoring its broad impact on clean energy growth and community engagement in 2025.⁴³
- *Jan 28th*: Jupiter Power LLC (Jupiter Power), a leading developer and operator of utility-scale BESS, has closed a \$500M Senior Secured Green Revolving Loan and Letter of Credit Facility, upsizing the company's existing \$225M facility originally closed in September 2024. The Facility provides flexible capital available for borrowings or the issuance of letters of credit to support the rapid advancement of Jupiter's project pipeline across the U.S. Barclays Bank PLC, HSBC Bank USA, ING Capital LLC, National Association, Societe Generale and SMBC acted as Coordinating Lead Arrangers. HSBC Bank USA, National Association, also served as Administrative Agent and Collateral Agent.⁴⁴
- *Jan 27th*: Econergy Renewable Energy Ltd. achieved financial close on the Dalmarnock 40 MW / 120 MWh BESS in Scotland, UK, backed by £ 21M in project financing from Santander UK and a long-term optimization partnership with EDF. Under the structure, Santander provides project finance while EDF's optimization agreement offers a guaranteed minimum income floor plus upside from market participation, improving revenue visibility and risk-adjusted returns. The project marks a milestone as Econergy transitions from

⁴³ https://www.prnewswire.com/news-releases/pivot-energy-achieves-record-milestones-in-2025-to-advance-renewable-energy-impact-302673638.html?utm_source=chatgpt.com

⁴⁴ <https://www.prnewswire.com/news-releases/jupiter-power-secures-500-million-in-upsized-corporate-credit-facility-to-accelerate-portfolio-expansion-302672713.html>

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developer to an independent power producer (IPP) in the UK storage market, underscoring the bankability of standalone battery assets. With a development pipeline exceeding ~14 GW across Europe, the Dalmarnock project strengthens Econergy's strategic footprint in renewable and storage infrastructure.⁴⁵

- *Jan 23rd*: NeoVolta Inc. (Nasdaq: NEOV), a U.S. energy technology company focused on scalable storage solutions, announced a registered direct equity offering expected to raise \$10M by selling 2,100,841 shares at \$4.76 each. The proceeds are earmarked for working capital and general corporate purposes, supporting continued growth and operational funding for the company's battery energy storage initiatives. This financing follows broader company efforts to expand domestic battery production and diversify revenue streams amidst growing storage demand.⁴⁶
- *Jan 20th*: Radial Power closed \$355M tax equity and debt financing with Goldman Sachs for a 214 MW distributed solar portfolio across the U.S., including battery storage in various counties and states (specifics not listed). The financing supports Radial's growth in C&I renewables. This deal enhances clean energy deployment for commercial clients.⁴⁷
- *Jan 14th*: Heelstone Renewable Energy, a Qualitas Energy company, secured a \$200M senior secured corporate credit facility in January 2026 to accelerate development of its U.S. solar, wind, and battery storage projects, supporting its goal to become a fully integrated independent power producer (IPP). This funding, led by Deutsche Bank, provides capital for project milestones like interconnection deposits, PPAs, and equipment, as well as working capital, enabling the addition of over 1 GW of capacity by 2028.⁴⁸
- *Jan 14th*: Apex Clean Energy secured about \$2.79B in financing for three projects totaling nearly 670 MW in Texas, Ohio, and Illinois. The Raven Storage project, a 100 MW BESS project, in a JV with SK Gas & SK Eternix (SA Grid Solutions), received funding from Bank of Hope.⁴⁹
- *Jan 13th*: CleanCapital secured a \$300M HoldCo facility from Infranity to accelerate renewable energy growth, supporting over 1 GW of solar and battery storage projects in the U.S., funding development, construction, and acquisitions.⁵⁰
- *Jan 12th*: SolaREIT expanded its revolving credit facility to \$80M with increased commitments from Atlantic Union Bank and EagleBank, marking the fourth upsize in three years. Atlantic Union Bank serves as sole book runner and administrative agent. This provides capital for solar and battery storage developers, reflecting market confidence in SolaREIT's land financing solutions.⁵¹
- *Jan 9th*: Crayhill Capital Management and Monarch Alternative Capital launched Monarch JVT Funding, a financing platform providing \$300M for tax credit transfer partnerships that support solar and energy storage infrastructure investments. The JV aims to enhance liquidity and tax equity strategies for developers by monetizing clean energy tax credits, reducing financing costs, and accelerating project deployment. This initiative expands financial solutions for large-scale solar and storage projects.⁵²
- *Jan 9th*: Exus Renewables North America closed a \$400M senior secured corporate credit facility to fund its 4.5 GW pipeline of utility-scale solar, wind, and battery storage projects. The financing supports interconnection deposits, offtake, and procurement. Arranged by Santander, Barclays, ING, and Nomura, it

⁴⁵ <https://www.globenewswire.com/news-release/2026/01/27/3226237/0/en/Econergy-Drives-UK-Battery-Storage-Growth-with-21M-Santander-Financing-and-EDF-Partnership.html>

⁴⁶ <https://www.globenewswire.com/news-release/2026/01/23/3224707/0/en/NeoVolta-Announces-10-Million-Equity-Offering.html>

⁴⁷ <https://www.businesswire.com/news/home/20260120553190/en/Radial-Power-Closes-%24355-Million-Tax-Equity-and-Debt-Financing-with-Goldman-Sachs-to-Support-214-MW-Distributed-Solar-Portfolio> <https://www.radialpower.com/radial-power-closes-355-million-tax-equity-and-debt-financing-with-goldman-sachs>

⁴⁸ <https://finance.yahoo.com/news/heelstone-renewable-energy-qualitas-energy-140000172.html>

⁴⁹ <https://www.apexcleanenergy.com/apex-closes-funding-670-mw-wind-storage-us>

⁵⁰ <https://www.businesswire.com/news/home/20260113174336/en/CleanCapital-Secures-%24300M-HoldCo-Facility-from-Infranity-to-Accelerate-Renewable-Energy-Growth>

⁵¹ <https://www.prnewswire.com/news-releases/solareit-expands-revolving-credit-facility-to-80-million-with-atlantic-union-bank-and-eaglebank-302658586.html>

⁵² <https://www.globenewswire.com/news-release/2026/01/09/3216035/0/en/Crayhill-and-Monarch-Launch-Monarch-JVT-Funding-to-Provide-300-Million-for-Tax-Credit-Transfer-Partnerships.html>

addresses demand from data centers and industries.⁵³

- *Jan 7th*: AB CarVal, a worldwide alternative investment manager within AllianceBernstein's Private Alternatives division, has pledged \$40M to Renewable Properties' corporate credit facility. Renewable Properties indicates that AB CarVal's capital will support pursuing new project acquisitions and expanding into emerging markets. This addition raises the company's total corporate capital facility to \$ 120M. Currently, its development pipeline includes more than 1.7 GW of solar and energy storage initiatives, with over 300 MW either under construction or already in service.⁵⁴
- *Jan 5th*: PowerBank Corporation secured a revolving credit facility loan of \$8M (up to \$12M) from NY Green Bank to fund interconnection deposits for an initial 50 MW portfolio of distributed solar and battery storage projects in New York State. The loan is secured against project assets and guaranteed by the company. This financing accelerates PowerBank's growth in its independent power producer portfolio.⁵⁵

International

- *Jan 31st*: Münch Energie secured €21.5M in financing from the Bavarian State Bank and Thüringer Aufbaubank for two 50 MW / 100 MWh BESS in Germany, located in Saxony-Anhalt and Thuringia. The projects will provide grid services like frequency regulation and arbitrage.⁵⁶
- *Jan 30th*: Iberdrola announced that it secured PLN 186M (~€ 44.2M/USD 52.5M) in public funding from Poland for three battery energy storage (BESS) projects, totaling 160 MW, to be built by its Polish subsidiary. This funding from the National Fund for Environmental Protection and Water Management supports Iberdrola's expansion in Poland's energy storage market and complements other investments in renewables in the region.⁵⁷
- *Jan 30th*: Hungarian energy conglomerate STS Group secured € 35.8M (HUF 14.7B) in debt financing from Italian lender UniCredit to develop a 21 MW portfolio of co-located BESS. The financing will support the construction and operation of two separate sites, both co-located with existing solar parks: Tereske (18 MW / 73.2 MWh) and Balatonberény (3 MW / 10.8 MWh).⁵⁸
- *Jan 30th*: Econergy Renewable Energy reached financial close on the 40 MW / 120 MWh Dalmarnock battery energy storage project in Scotland, United Kingdom, securing £21M (~\$29M) in project finance from Santander UK. The project has a 10-year revenue optimization partnership with EDF for trading and ancillary services. This supports Econergy's 3 GW UK pipeline and broader 14 GW European portfolio.⁵⁹
- *Jan 27th*: Low Carbon raised over £500M (~\$684M) in debt financing from ten international banks for refinancing a 1 GW solar and battery storage portfolio in Europe (operational or under construction) and funding development equity. Announced on January 27, 2026, with 10-year senior and 5-year HoldCo facilities. In December 2025, Low Carbon secured investment from CVC DIF; in October 2024, sold 6 GW storage to S4 Energy.⁶⁰
- *Jan 27th*: European developer R.Power successfully closed a € 250M equity financing deal after a three-year effort, fueling its expansion into large-scale BESS across Europe to complement its solar and wind assets, aiming to provide stable, clean power and become a key player in Europe's energy transition. This funding

⁵³ <https://www.prnewswire.com/news-releases/exus-renewables-north-america-closes-400-million-facility-to-meet-surging-power-demand-302655985.html>

⁵⁴ https://uk.finance.yahoo.com/news/renewable-properties-secures-additional-40-191807261.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&guce_referrer_sig=AQAAAD363G5zwyZYZUuqWsUrHKvf9eT-7K8_eVZaf7OSVXW7LZ7EYqzU97azDa4--7qROLj-qeSk_-7qpRx0SHkGshOsEdmMQIV_jdmGaczD0H4m7Y9ib72_hCvc_4S0FW56EPcKa2S0c0k2jUMfLIRE2VZtaPuHwsCH0oowAhDmDT2X

⁵⁵ <https://www.prnewswire.com/news-releases/8-million-usd-loan-secured-by-powerbank-to-accelerate-independent-power-producer-portfolio-302651089.html>

⁵⁶ <https://www.muench-energie.de/muench-energie-secures-21-5m-financing-for-100-mw-bess>

⁵⁷ https://www.linkedin.com/posts/renewables-now-ltd_iberdrola-lands-public-funding-for-160-mw-activity-742338408688538113-6XnP

⁵⁸ <https://energynews.biz/hungary-expands-grid-flexibility-with-31-mw-battery-storage-project-at-tiszaujvaros/>

⁵⁹ <https://www.econergyrenewables.com/econergy-closes-21m-financing-for-40-mw-120-mwh-dalmarnock-bess>

⁶⁰ <https://www.lowcarbon.com/low-carbon-closes-over-684-million-in-debt-financing>

supports a substantial pipeline, including major Polish projects such as Jedwabno and Gdańsk, and solidifies R.Power's growth strategy in markets including Poland, Germany, Italy, Romania, Spain, and Portugal.⁶¹

- **Jan 27th:** GlassPoint secured \$20M in funding led by N.I.S. New Investment Solutions, with participation from MIG Capital. The investment advances solar thermal projects, including a 750 MWth deployment with Searles Valley Minerals in California, U.S., and a 1.5 GWth project with Ma'aden in Saudi Arabia. This supports GlassPoint's Enclosed Trough and Unify Storage systems for industrial heat.⁶²
- **Jan 26th:** Austria-based renewable energy producer Enery has obtained a long-term financing package exceeding € 250M to accelerate the development and operation of utility-scale solar and battery storage projects across several Central and Eastern European markets. The debt facility, structured as a portfolio project finance arrangement with a 22-year tenor and backed by banks including Československá obchodní banka (ČSOB), will fund roughly 300 MW of solar photovoltaic capacity and 100 MW / 220 MWh of co-located BESS in countries such as Czechia, Slovakia, Bulgaria and Slovenia.⁶³
- **Jan 23rd:** German battery energy storage developer Terralays secured € 192M (\$223M) in equity funding, led by Eurazeo's Eurazeo Transition Infrastructure Fund (ETIF) and joined by existing investors like RIVE Private Investment, to expand its grid-scale battery projects and scale its LAYR digital platform for energy flexibility in Germany, supporting the renewable energy transition.⁶⁴
- **Jan 23rd:** Eco Stor secured €238M (~\$258M) in financing from Deutsche Bank for a 238 MWh BESS project in Saxony-Anhalt, Germany, the country's largest. The funding supports construction starting in 2026 with COD in 2027. Eco Stor plans 1.7 GWh across Germany by 2027.⁶⁵
- **Jan 23rd:** 360 Energy secured €6M in project financing from Raiffeisen Bank International and UniCredit Bulbank for the 360 MWh Verila Solar Park 2 BESS near Dupnitsa, Bulgaria, to support its construction and operation.⁶⁶
- **Jan 22nd:** Gore Street Capital (GSC), a specialized energy storage manager, with c.1.4 GW of battery assets currently under management across now three dedicated BESS funds, announced the successful first close of the GS EU Fund SCSp. Cornerstone commitments include the European Investment Fund and the Ireland Strategic Investment Fund, as well as a range of institutional, strategic, and family-office entities. Gore Street is on track for its next interim closing and aims to target a final close of the fund by year-end, with a target of €500M. Gore Street will focus on acquiring, constructing, and managing battery energy storage projects, with a minimum 80% target exposure to European Union member states.⁶⁷
- **Jan 21st:** Greenvolt secured financing for Hungary's largest BESS, a 200 MW / 400 MWh project in Debrecen, Hungary, with a € 100M loan from the EBRD and OTP Bank. The project is expected to be commissioned in 2027 and supports Greenvolt's expansion in Central Europe.
- **Jan 16th:** A consortium led by Abu Dhabi Future Energy Company Masdar, including Al Khadra Partners, Korea Midland Power (KOMIPO), and OQ Alternative Energy (OQAE), has achieved financial close for the 500 MW solar PV and 100 MWh BESS project in Oman. The project is the country's 1st utility-scale project of this kind. The Ibri III Solar Independent Power Project is estimated to cost approximately \$300M. The consortium has raised financing from Natixis Corporate & Investment Banking (Natixis CIB) and First Abu Dhabi Bank (FAB). The project has signed a PPA with Nama Power and Water Procurement (NAMA).⁶⁸

⁶¹ <https://renews.biz/109692/rpower-concludes-250m-financing/>

⁶² <https://www.glasspoint.com/glasspoint-secures-20-million-in-funding>

⁶³ <https://www.enery.energy/enery-secures-e250m-loan-for-europe-solar-storage-buildout>

⁶⁴ <https://www.trlyr.com/news/>

⁶⁵ <https://www.eco-stor.com/eco-stor-secures-238-million-financing-for-238-mwh-bess-germany>

⁶⁶ <https://www.360energy.com/360-energy-secures-74-million-project-financing>

⁶⁷ <https://www.prnewswire.com/de/pressemitteilungen/gore-street-capital-successfully-completes-first-close-for-its-european-focused-energy-storage-fund-302666751.html>

⁶⁸ <https://masdar.ae/en/news/newsroom/beeah-and-masdar-to-jointly-develop-utility-scale-solar-projects-in-sharjah>

- *Jan 15th*: I Squared Capital, a leading global infrastructure investor, has launched ANZA Power, a next-generation independent power producer (IPP), established to deliver reliable and sustainable energy solutions across Australia and New Zealand. Through its ISQ Growth Markets Infrastructure Fund II, I Squared has committed USD 300M. The platform joins I Squared's growing portfolio of global renewable energy investments, which includes more than 10,000 MW of renewable capacity and 15,000 MW of natural gas-powered generation. ANZA Power was formed through the acquisition of a portfolio of solar hybrid plants and BESS, providing the new platform with an immediate pipeline of projects and contracted cash flows. Advanced-stage projects within the Australian portfolio include 80 MW /320 MWh of solar hybrid plants located in Victoria and New South Wales, which are secured by long-term, 20-year agreements to a tier 1 hyperscale customer. In addition, ANZA Power expects to begin construction of an additional 80 MW of renewable assets across Australia and New Zealand in the first half of 2026.⁶⁹
- *Jan 13th*: The European Bank for Reconstruction and Development (EBRD) is reviewing a loan for a 200 MW solar park with 2-4 hour battery storage in Egypt, using bifacial modules, trackers, and advanced tech like SCADA/drone thermography, supporting Egypt's renewable goals under Team Europe initiatives, with financing for EPC, grid connection, and first battery charge, allowing the sponsor to retain ownership. This project, potentially linked to the Obelisk solar-plus-storage project with Scatec, aims to boost grid stability and green energy transition in Egypt.⁷⁰
- *Jan 12th*: The European Bank for Reconstruction and Development (EBRD) is assessing the option to extend a loan for a 1,000 MW land-based wind power plant, complemented by a 300 MW / 600 MWh battery storage setup, located close to the village of Mirny in Kazakhstan. This initiative is largely held by the renewable energy division of France's TotalEnergies.⁷¹
- *Jan 12th*: Copenhagen Energy announced that they reached Final Investment Decision (FID) for a 53 MWh BESS in Holbæk, Denmark, with financing from Ringkjøbing Landbobank and support from the European Investment Fund (EIF), with commissioning expected in the latter half of 2026, utilizing Copenhagen Energy's own trading desk for operations.⁷²
- *Jan 5th*: Waaree Energy Storage Solutions (WESSPL), a unit of India's Waaree Energies, secured ₹ 10.03B (~\$111.16M) from strategic investors (family offices, HNWIs, institutions) to build a 20 GWh advanced lithium-ion cell and battery pack factory, part of a larger ₹ 100B capex plan to boost India's energy transition in grid, EV, and distributed energy sectors.⁷³
- *Jan 5th*: Atmos Renewables completed a major green loan refinancing in Australia, consolidating debt for its wind, solar, and battery storage assets, including supporting the Merredin battery and Heywood battery projects, to fund future growth. This significant, oversubscribed deal with a large syndicate of banks, including Deutsche Bank, Macquarie, and Westpac, provides enhanced flexibility to expand its development pipeline. Proceeds will fund construction for projects like the 100 MW / 400 MWh Merredin battery and the 300 MW Heywood battery and progress the Parron Maam Marang wind farm.⁷⁴
- *Jan 5th*: Poland's national eco-fund, the National Fund for Environmental Protection and Water Management (NFOSiGW), has provided nearly PLN 538M (approximately EUR 128M or USD 150M) in co-financing for 11 of Tauron's BESS projects, totaling 346 MW / 1.5 GWh. Secured by Tauron Group's renewables unit and its

⁶⁹ https://www.linkedin.com/posts/i-squared-capital_i-squared-capital-launches-anza-power-with-activity-7409180713654095872-ql70 <https://www.ess-news.com/2026/01/15/i-squared-capital-launches-anza-power-with-300m-commitment/>

⁷⁰ <https://www.ebrd.com/home/news-and-events/news/2025/ebd-backs-egypt-s-first-solar-and-battery-storage-project.html>

⁷¹ <https://www.ebrd.com/ebd-consider-loan-1-gw-wind-storage-kazakhstan>

⁷² <https://www.copenhagenenergy.com/copenhagen-energy-fid-53-mwh-danish-bess>

⁷³ <https://m.economictimes.com/industry/renewables/waaree-energy-storage-solutions-raises-rs-1003-cr/articleshow/126348868.cms>

⁷⁴ <https://atmosrenewables.com.au/atmos-renewables-achieves-financial-close-on-green-loan-portfolio-refinancing-supporting-next-phase-of-project-delivery/>

special purpose vehicles, this funding covers 35% to 45% of the costs. The projects are planned for construction between 2026 and 2028 as part of a program to improve the stability of the Polish power grid.⁷⁵

- *Jan 1st*: Stardust Power secured up to \$15M in senior secured convertible debt from an institutional investor for its Muskogee, Oklahoma, lithium refinery, funding early construction, engineering, and procurement, with flexible repayment in cash or stock over 24 months. This financing provides crucial capital as they move toward full construction, aiming to minimize equity dilution while advancing their 50,000 metric ton per year battery-grade lithium carbonate project.⁷⁶

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MOU and Partnerships

United States

- *Jan 14th*: NeoVolta Inc. launched a U.S. battery manufacturing platform through a transformational JV with PotisEdge and LONGi, targeting utility-scale and commercial & industrial (C&I) BESS markets. The new domestic manufacturing platform based in Pendergrass, Georgia aims for initial annual production capacity of 2 GWh, scalable to 8 GWh, with mass production expected by mid-2026. This manufacturing expansion supports NeoVolta's strategic growth to meet rising demand for grid-scale and C&I storage solutions and enhance its vertical integration across the energy storage value chain.⁷⁷
- *Jan 10th*: CyrusOne and Eolian partnered to deploy a 200 MW data center campus in Fort Worth, Texas, with dedicated renewable power and BESS. The project, set for 2026 operations, includes on-site storage for resiliency. This supports CyrusOne's expansion in Texas.⁷⁸
- *Jan 7th*: XCharge North America has partnered with Energy Plus, a leading New York–based energy-efficiency and electrification contractor, to build one of the largest battery-backed EV charging depots in the U.S. Slated to go live in Q2 2026, the new site in Williamsburg, Brooklyn, will provide 9.46 MWh of energy storage and serve 88 parking spaces once complete. The site will operate under Energy Plus' Eplug brand—a next-generation urban charging solution designed for dense, high-demand environments like New York City.⁷⁹
- *Jan 6th*: HA Sustainable Infrastructure Capital, Inc. (HASI), a leading investor in sustainable infrastructure assets, and Sunrun Inc., provider of home battery storage, solar, and home-to-grid power plants, announced

⁷⁵ <https://www.energyglobal.com/energy-storage/05012026/tauron-group-companies-secure-nearly-pln-538-million-in-bess-financing/>

⁷⁶ <https://www.investing.com/news/company-news/stardust-power-secures-up-to-15-million-in-convertible-debt-financing-93CH-4422535>

⁷⁷ <https://www.globenewswire.com/news-release/2026/01/14/3218502/0/en/NeoVolta-Launches-U-S-Battery-Manufacturing-Platform.html>

⁷⁸ <https://www.prnswire.com/news-releases/cyrusone-and-eolian-partner-to-enable-rapid-deployment-of-200-megawatt-data-center-campus-in-fort-worth-texas-302658969.html>

<https://www.cyrusone.com/cyrusone-and-eolian-partner-to-enable-rapid-deployment-of-200-megawatt-data-center-campus-in-fort-worth-texas>

⁷⁹ <https://www.businesswire.com/news/home/20260107371186/en/XCharge-North-America-and-Energy-Plus-Partner-to-Build-One-of-the-Largest-Battery-Backed-EV-Charging-Depots-in-the-U.S.>

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the closing of a JV to finance over 300 MW of capacity across more than 40,000 home power plants across the country. HASI will invest up to \$500M over an 18-month period in a newly formed JV with Sunrun.⁸⁰

International

- *Jan 30th*: Schroders Greencoat, a unit of the British asset management giant Schroders, signed a strategic Memorandum of Understanding (MoU) with Chinese battery leader CATL and Hong Kong-based Lochpine Capital. The three firms will establish a dedicated joint investment platform specifically for European BESS. The collaboration shares the ambition to develop up to 10GWh of renewable energy storage capacity over time. CATL will serve as the primary battery supplier and technology provider, while Schroders Greencoat and Lochpine Capital will provide investment management and infrastructure expertise.⁸¹
- *Jan 30th*: German solar and energy storage developer MEC Energy GmbH has entered into a partnership with London-based investor CleanCap LLC to build a portfolio exceeding 500 MW_p of solar projects alongside 2.5 GW of battery energy storage capacity in Germany. The portfolio will consist of greenfield developments spread across multiple regions and will feature a mix of standalone BESS as well as hybrid projects that pair solar photovoltaic plants with co-located batteries.⁸²
- *Jan 29th*: Voltwise Power closed £ 153.9M (~\$211M) acquisition financing to purchase a 460 MW BESS portfolio in the U.K. from Smart Metering Systems, including seven operational projects (320 MW / 350 MWh), four under-construction (140 MW / 280 MWh), and development projects. Santander CIB acted as sole underwriter and bookrunner, with NatWest, Kommunalkredit, and Siemens Financial Services joining syndication. This marks Voltwise's growth in the U.K. and Germany, following a 56 MW acquisition in North Rhine-Westphalia.⁸³
- *Jan 25th*: the European Commission approved a JV between Germany's EVH Grüne Energie and Luxembourg's HSBC Alternative Investments to build and run a solar farm with battery storage in Neuhausen/Spree, Germany, finding no competition concerns due to the project's limited market presence in the European Economic Area (EEA). The JV, named SP 29 GmbH & Co KG, will develop the project under simplified review, with EVH leading the renewable energy efforts and HSBC Alternative Investments providing investment.⁸⁴
- *Jan 22nd*: METLEN and the Tsakos Group have signed a strategic partnership for the development, construction, operation (energy management), and commercial management of one of Greece's largest hybrid power generation projects. Under the agreement, METLEN will participate in a SPV with the Tsakos Group (Tsakos Group 60% – METLEN 40%) to develop and operate a hybrid power plant from Renewable Energy Sources (RES) with integrated ESS consisting of a 251.9 MW photovoltaic park and an ESS with an expected capacity of 375 MWh, located in Central Greece. Implementation of the investment is expected to commence in 2026, with completion targeted for early 2028.⁸⁵
- *Jan 21st*: ENGIE and Google extended their partnership in Germany to include batteries and pumped storage hydropower, with ENGIE supplying 800 GWh of renewable energy annually from wind, solar, and storage to Google's operations. The deal supports Google's 24/7 carbon-free energy goals.⁸⁶

⁸⁰ <https://www.businesswire.com/news/home/20260106186289/en/HASI-and-Sunrun-Expand-Long-Term-Relationship-with-New-%24500-Million-Joint-Venture-to-Accelerate-Distributed-Power-Development>

⁸¹ <https://www.reuters.com/world/china/schroders-partner-with-chinas-catl-european-battery-projects-2026-01-30/>

⁸² <https://www.mecenergy.com/mec-readies-500mw-solar-2-5gw-batteries-for-cleancap>

⁸³ <https://www.voltwise.com/voltwise-closes-211-million-acquisition-financing-for-460-mw-bess-portfolio>

⁸⁴ https://luxembourg.representation.ec.europa.eu/actualites-et-evenements/actualites/commission-clears-creation-joint-venture-evh-grune-energie-and-hsbc-alternative-investments-2026-01-26_fr

⁸⁵ <https://www.metlengroup.com/news/press-releases/strategic-partnership-between-metlen-and-tsakos-group-for-one-of-greece-s-largest-hybrid-power-generation-projects/>

⁸⁶ <https://www.engie.com/engie-google-extend-partnership-germany-batteries-pumped-storage>

- **Jan 21st:** SECI and PTC India signed a MoU in January 2026 to boost renewable energy integration, especially focusing on BESS for grid stability, structured power products, and joint development of large-scale renewable and storage projects, accelerating India's clean energy transition. This collaboration aims to enhance grid flexibility, improve power procurement, and support India's clean energy goals.
- **Jan 20th:** GCL, Cornex, and TBEA signed an agreement to build a 5 GWh storage and solar manufacturing complex in Egypt for local production and export. Earlier this month, China's Sungrow announced plans to build a 10 GWh battery storage manufacturing facility in Egypt's El-Sokhna industrial area.⁸⁷
- **Jan 14th:** Abu Dhabi's Masdar and Montenegro's state utility, Elektroprivreda Crne Gore (EPCG), are partnering through a new JV to develop large-scale renewable energy projects (solar, wind, hydro, battery storage) in Montenegro, aiming to boost energy security, support European transition, and potentially export clean power, building on Masdar's existing investment in the Krnovo Wind Farm.⁸⁸
- **Jan 8th:** Envision partnered with Kazakhstan's Samruk-Kazyna Invest to expand energy storage and renewables in Central Asia, signing an MOU at COP30 in Baku. The collaboration includes battery manufacturing, wind, solar, and BESS projects.⁸⁹
- **Jan 5th:** VCI Global Limited announced that, via its controlled renewable energy platform VCI Energy Sdn Bhd (VCI Energy), it has entered into a landmark strategic collaboration with Zhejiang Tianneng Energy Storage Technology Development Co., Ltd (Tianneng), a key subsidiary of Tianneng Co., Ltd. (Tianneng Holding Group), a global leader in high-performance battery storage and new energy systems. Under the collaboration, Tianneng has been appointed as VCI Energy's primary Engineering, Procurement, Construction, and Financing Facilitation (EPC+F) partner for a scalable renewable infrastructure roadmap comprising up to 250MW of solar generation integrated with up to 800MWh of BESS. The program will commence with a utility-scale solar-plus-storage deployment in Malacca, Malaysia.⁹⁰

Development News

United States

- **Jan 30th:** Younan Company announced a strategic entry into large-scale renewable energy with the Soleil Renewable Energy solar + storage power plant in East Kern County, California, USA. The project will deliver 880 MW_{dc} Solar PV + 460 MW BESS, making it one of California's largest renewable facilities upon completion. Commercial operations are scheduled for mid-2028.⁹¹
- **Jan 26th:** Pacifico Energy secured a 7.65 GW power generation permit for the GW Ranch Project in California, U.S., combining solar, wind, and battery storage on 2,500 acres in Kern County. The project, announced on January 26, 2026, aims to power over 1.5 million homes and create thousands of jobs. This supports California's renewable energy goals with no financial amounts detailed.⁹²
- **Jan 21st:** Solar Alliance Energy Inc. announced CAD 1.5M in new project contracts to include 59.5 kW Solar PV + 122 kWh BESS for a municipal recreation center, 114 kW Solar PV for a private event venue, and 75.6 kW Solar PV + 246 kWh BESS for a community resilience hub.⁹³

⁸⁷ <https://www.gcl.com/gcl-cornex-tbea-build-5-gwh-storage-solar-egypt>

⁸⁸ <https://www.reuters.com/sustainability/boards-policy-regulation/montenegros-epcg-masdar-explore-joint-venture-renewables-2026-01-14/>

⁸⁹ <https://www.prnewswire.com/news-releases/envision-partners-with-kazakhstan-samruk-kazyna-invest-to-expand-energy-storage-and-renewable-growth-in-central-asia-302665268.html>

⁹⁰ <https://www.globenewswire.com/news-release/2026/01/05/3212756/0/en/VCI-Global-Secures-Fully-Funded-250MW-Green-AI-Solar-and-800MWH-BESS-Roadmap-with-Global-Energy-Titan-Tianneng.html>

⁹¹ <https://www.globenewswire.com/news-release/2026/01/30/3229599/0/en/Zaya-Yunan-Enters-Renewable-Energy-with-One-of-California-s-Largest-Solar-Storage-Power-Plants.html>

⁹² <https://www.businesswire.com/news/home/20260126236053/en/Pacifico-Energy-Secures-7.65-GW-Power-Generation-Permit-for-GW-Ranch-Project>

⁹³ <https://finance.yahoo.com/news/solar-alliance-announces-cad-1-120000066.html>

- **Jan 15th**: PowerBank Corporation announced that it has executed a lease agreement on a 5 MW AC hybrid solar plus battery energy storage project (NY-Holland Glnwd) in New York. The Company is in the process of initiating the preliminary screening analysis as part of the interconnection process.⁹⁴
- **Jan 7th**: Terra-Gen announced commercial operations of the Lockhart CL I & II BESS project, a 140 MW / 560 MWh system in Kern County, California, U.S.. The project, commissioned on January 7, 2026, supports grid reliability in CAISO.⁹⁵
- **Jan 6th**: Greenflash Infrastructure announced that it has safe-harbored more than 10 GWh of lithium-ion battery energy storage capacity, securing long-lead components amid increasing global supply constraints to support scalable, energy-ready data center development across the U.S. In addition to its safe-harbored position, Greenflash currently holds over 1 GWh of battery supply available for near-term deployment, with an additional 2 GWh scheduled for delivery in March 2026.⁹⁶
- **Jan 6th**: Boralex inc., in partnership with Walpole Island First Nation, announced the commercial commissioning of Sanjgon Battery Energy Storage project (80 MW / 320 MWh), Boralex's first energy storage facility in operation in North America. Located in the Municipality of Lakeshore, Ontario, the 80 MW / 320 MWh facility marks a major milestone in Boralex's 2030 Strategy and its expansion into large-scale storage solutions.⁹⁷
- **Jan 5th**: Energy Vault began construction of the 150 MW SOSA Energy Center in the Texas ERCOT market (no specific county mentioned), bringing its total portfolio to over 340 MW under operation/construction while growing cash to over \$100M in Q4 2025. The project is expected to enter commercial operation by Q2 2027.⁹⁸

International

- **Jan 31st**: Voltfang has recently completed and connected a 20 MWh battery storage facility to the grid in Alsdorf, North Rhine-Westphalia. This project utilizes second-life or surplus electric vehicle (EV) batteries from Mercedes-Benz.⁹⁹
- **Jan 31st**: Ampeak Energy received planning consent from the Energy Consents Unit for a 300 MW / 600 MWh battery storage project in Scotland, located in Lanarkshire. The Mey BESS project is expected to achieve financial close in 2027-2028, targeting the start of operations at the end of 2029.¹⁰⁰
- **Jan 31st**: Qair landed a permit from the Brandenburg State Office for Mining, Geology and Raw Materials to install its Qair Brandenburg BESS (20 MW / 40 MWh BESS) in Brandenburg, Germany.¹⁰¹
- **Jan 30th**: Spanish renewable developer Grenergy Renovables filed an Environmental Impact Statement (EIS) for a major 467.5 MW solar farm coupled with a 430 MW / 3,010 MWh battery storage system in Chile's Antofagasta region, named Elena 2, beginning the permitting process for this large-scale project.¹⁰²
- **Jan 29th**: RWE is building a 400 MW / 800 MWh battery storage system in Lingen, Lower Saxony, Germany, to stabilize the grid by balancing renewables, set to operate in 2028 on a former industrial site.¹⁰³

⁹⁴ <https://www.prnewswire.com/news-releases/powerbank-announces-new-5-mw-distributed-solar-and-battery-energy-storage-system-project-in-new-york-302661919.html>

⁹⁵ <https://www.businesswire.com/news/home/20260107274189/en/Terra-Gen-Announces-Commercial-Operations-of-Lockhart-CL-I-II-Battery-Energy-Storage-System-Project>

⁹⁶ <https://www.businesswire.com/news/home/20260106334587/en/Greenflash-Secures-10-GWh-of-Battery-Storage-Capacity-to-Accelerate-Data-Center-Power-Delivery>

⁹⁷ <https://www.globenewswire.com/news-release/2026/01/06/3213440/0/en/Boralex-Commissions-Sanjgon-Energy-Storage-Project-Initially-Tilbury-Its-First-Operational-Storage-Facility-in-North-America.html>

⁹⁸ https://finance.yahoo.com/news/energy-vault-breaks-ground-150mw-103655484.html?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&guce_referrer_sig=AQAAAD363G5zwywYZUuqW5UrHKvf9eT-7K8_eVZaf7OSVXW7LZ7EYqzU97azDa4--7qROLj-qeSk_-7qpRx0SHkGshOsEdmMQIV_jdmGacZD0H4m7Y9ib72_hCvc_4S0FW56EPcKa2S0c0k2jUMfLIRE2VZtaPuHwsCH0oowAhDmDT2X

⁹⁹ https://www.linkedin.com/posts/voltfang_voltfang-builds-20-mwh-battery-in-german-activity-7409180713654095872-ql70

¹⁰⁰ <https://www.ampeakenergy.com/ampeak-gets-consent-for-300-mw-scottish-battery>

¹⁰¹ <https://www.qair.energy/qair-lands-permit-for-20-mw-battery-germany>

¹⁰² <https://strategicenergy.eu/spain-sees-over-3-gw-of-solar-wind-and-battery-projects-enter-permitting-process/>

¹⁰³ <https://www.rwe.com/en/press/rwe-generation/2026-01-29-rwe-constructs-a-battery-storage-system-in-lingen/>

- *Jan 29th*: Westbridge Renewable Energy announced that the Alberta Utilities Commission granted approval for the Red Willow Solar and Battery Energy Storage project in Alberta, Canada. The Red Willow Project is the fourth of five Alberta projects of Westbridge to receive power plant and BESS approval from the Alberta Utilities Commission (AUC). The Project consists of a solar power plant with an approved capacity of up to 225 MW_{ac}, and BESS with capacity of up to 200 MWh and the Substation. Approval is granted subject to provisions by the Hydro and Electric Energy Act and the Alberta Utilities Commission Act. It is anticipated that applications to the AUC relating to interconnection approvals will be filed within the calendar year.¹⁰⁴
- *Jan 29th*: Gransolar Development Australia (GDA) received planning approval from New South Wales (NSW) authorities in late January 2026 for a 120 MW BESS near the Deniliquin substation in the Riverina region.¹⁰⁵
- *Jan 29th*: Mizuho Leasing's subsidiary, ML Power, is installing a 10 MW / 40 MWh grid-connected battery storage facility in Miyoshi City, Hiroshima, Japan, with completion expected in fiscal year 2029, supporting renewable energy integration and marking ML Power's first independent venture in the energy sector, funded partly by a Japanese government subsidy.¹⁰⁶
- *Jan 28th*: Japanese real estate firm Hulic Co Ltd recently launched two 2 MW BESS, totaling 4 MW, in Japan, specifically within the Tokyo Electric Power Company (TEPCO) service area. Operations began in December 2025.¹⁰⁷
- *Jan 28th*: Iberdrola commissioned Romeral and Olmedilla, Spain's largest BESS in Alarcón, Cuenca, each 30 MW / 60 MWh, funded by € 8M and € 3.5M respectively under the PERTE ERHA program as part of a €37.5 million network.¹⁰⁸
- *Jan 28th*: Naturgy is developing two BESS projects in the Canary Islands, Fuerteventura (funded € 6.8M) and Puerto del Rosario (€ 3.4M), along with El Escobar and Piletas I in Spain (€ 7.7M each), totaling 260 MW / 689 MWh with € 140M investment, expected commissioning in 2026-2028.¹⁰⁹
- *Jan 27th*: Harbin Electric Corporation announced the switching on of the world's largest compressed-air storage plant, the Guoxin Suyan Huai'an Salt Cavern Compressed Air Energy Storage Demonstration Project in Jiangsu Province, China, featuring two 300 MW non-combustion units with a total capacity of 2.4 GWh. The adiabatic CAES system uses molten salt and pressurized thermal water for heat management, achieving 71% conversion efficiency and an expected annual output of 792 GWh, marking a milestone in non-combustion technology.¹¹⁰
- *Jan 27th*: Australian developer Pacific Partnerships is seeking government approval under the EPBC Act for the Hopeland Solar and BESS project in Queensland's Western Downs region, near Chinchilla. The project includes a 250 MW solar plant and 175 MW / 350 MWh BESS, with over 450,000 solar modules, expected to power approximately 100,000 homes and create 300 construction jobs. Construction is scheduled for mid-2026, with operations in 2028.¹¹¹
- *Jan 26th*: Turkey energized the Sivrihisar hybrid plant in Eskisehir, approximately 140 km southwest of Ankara, the nation's first licensed solar-storage project and grid-connected hybrid asset under the DGES framework. The project features a 49.2 MW_p solar PV plant paired with 34.1 MWh BESS using CATL's EnerC liquid-cooled system. Developed by Oze Grup with EPC by PVI Enerji and others, it provides uninterrupted

¹⁰⁴ <https://www.westbridge.energy/westbridge-renewable-receives-approval-from-the-alberta-utilities-commission-for-red-willow-solar-and-battery-energy-storage-project/>

¹⁰⁵ <https://www.gransolar.com/gransolar-wins-planning-120-mw-battery-nsw>

¹⁰⁶ <https://japanenergyhub.com/news/ml-power-miyoshi-city-bess/>

¹⁰⁷ <https://www.hulic.co.jp/hulic-switches-on-4-mw-bess-japan>

¹⁰⁸ <https://www.iberdrola.com/press-room/news/detail/iberdrola-has-commissioned-largest-batteries-spain>

¹⁰⁹ <https://www.iberdrola.com/press-room/news-detail/iberdrola-commissions-spains-largest-batteries>

¹¹⁰ <https://www.he-group.com/he-group-announces-worlds-largest-compressed-air-storage-plant-switched-on>

¹¹¹ <https://www.pacificpartnerships.com.au/pacific-partnerships-seeks-approval-for-hopeland-solar-bess>

clean energy.¹¹²

- *Jan 23rd*: Trina Storage and Aer Soleir launched Italy's largest BESS project, a 100 MW / 200 MWh facility in Lombardy, Italy, with commissioning expected in 2027. The project will use Trina's Elementa 2.0 liquid-cooled systems.¹¹³
- *Jan 23rd*: Zenobe commissioned the Kilmarnock South BESS in southwest Scotland, a 300 MW / 600 MWh 2-hour duration project providing 1.3 GVA of inertia and short circuit support, more than doubling Zenobe's synthetic inertia capability. The grid-forming system, supplied by Wärtsilä with SMA inverters, was part of NESO's Stability Pathfinders 2 tender.¹¹⁴
- *Jan 23rd*: Juniper Green Energy commissioned a 100 MWh merchant BESS in Bikaner, Rajasthan, India, the first in India, with 60 MWh operational since December 24, 2025, and full capacity expected shortly. The project generates revenue from arbitrage, balancing, and ancillary services.¹¹⁵
- *Jan 23rd*: Central Queensland Power (CQP), a JV between Stanwell Corporation and Iwatani Corporation, sought approval for the 450 MW / 3.6 GWh solar-plus-storage project in Central Queensland, Australia, featuring 1.1 million solar panels and 8-hour BESS duration. The COD is planned for 2029.¹¹⁶
- *Jan 22nd*: Estuary Power achieved final completion of the Escape Solar and Storage Project, beginning supply to MGM Resorts International under a long-term PPA. The project includes 100 MW solar and 50 MW / 200 MWh BESS in Nevada. This supports MGM's sustainability goals and Nevada's renewable targets.¹¹⁷
- *Jan 22nd*: PowerBank Corporation executed a lease agreement for the NY-Sapbush project, a 5 MW AC hybrid PV+BESS in New York, eligible for incentives under NYSEERDA's NY-Sun and Retail Energy Storage Programs. The project will operate as a community solar initiative, supplying energy to the local grid and helping subscribers reduce costs. This development advances New York's goals of 10 GW distributed solar and 6 GW energy storage by 2030, leveraging PowerBank's expertise in over 100 MW completed projects.¹¹⁸
- *Jan 22nd*: Turkish developer Fortis Energy will start installing a 36 MWh battery at its Nocaj 1 solar plant in Sremska Mitrovica, Serbia, in Q2 2026, the first step in a larger 270 MW solar-plus-storage complex, making it a major hybrid plant in Central/Eastern Europe, designed to provide stable green baseload power using solar and storage to serve around 150,000 homes with clean energy. Kontrolmatik Technologies will build the solar facility and supply the BESS.¹¹⁹
- *Jan 21st*: South Australian developer Eco Stor is seeking approval for a 300 MW / 600 MWh BESS in the Mid North region near Adelaide, South Australia, Australia, with an AUD 300M investment. The project will connect to ElectraNet's 275kV transmission line for grid stability.¹²⁰
- *Jan 20th*: Sunotec will build the first phase (20 MWh) of a multi-stage, up to 230 MWh BESS for SEAC in Bavaria, Germany, starting construction in Q1 2026, with full project completion targeted by 2028.¹²¹
- *Jan 20th*: RES and Energy Estate filed plans for an AUD 1.3 billion Australian solar-plus-storage project, consisting of a multi-hundred-MegaWatt PV plant paired with a multi-hour battery system. The project incorporates bifacial trackers, liquid-cooled batteries, and grid-forming inverters managed by an EMS, with co-location to reduce losses and interconnection challenges.¹²²

¹¹² <https://www.ozegrup.com/oze-grup-energizes-turkeys-first-major-solar-plus-storage-project>

¹¹³ <https://www.trinastorage.com/trina-storage-aer-soleir-launch-largest-bess-italy>

¹¹⁴ <https://www.zenobe.com/zenobe-commissions-kilmarnock-south-bess-in-scotland>

¹¹⁵ <https://www.junipergreenenergy.com/juniper-green-commissions-indias-first-merchant-bess>

¹¹⁶ <https://www.cqp.com.au/cqp-seeks-approval-for-450-mw-3-6-gwh-solar-storage-project>

¹¹⁷ <https://www.pnewswire.com/news-releases/estuary-power-achieves-final-completion-of-escape-solar-and-storage-project-and-begins-supplying-mgm-resorts-international-302664173.html>

¹¹⁸ <https://www.pnewswire.com/news-releases/5-mw-hybrid-solar-and-battery-energy-storage-project-announced-by-powerbank-302665055.html>

¹¹⁹ <https://balkangreenenergynews.com/fortis-energy-to-break-ground-on-hybrid-power-plant-in-serbia-by-mid-2026/>

¹²⁰ <https://www.ecostor.com/south-australian-solar-and-battery-project-with-mixed-land-use-secures-grid-approval>

¹²¹ <https://www.sunotec.de/sunotec-implement-230-mwh-bess-germany>

¹²² <https://energiesmedia.com/res-and-energy-estate-submit-australia/>

- **Jan 20th:** Akaysha Energy commissioned the 430 MWh Ulinda Park BESS in Queensland, Australia, five months early. The 155 MW / 310 MWh project (expandable to 350 MW / 1.078 GWh) provides grid-forming services.¹²³
- **Jan 19th:** Statera Energy secured approval for a 4 GWh eight-hour battery eligible for LDES in the UK, the 1 GW / 4 GWh Thurocroft project in Rotherham, England, making it one of the country's largest projects. The project is eligible for the UK cap and floor scheme. Sundon Storage is expected to start construction later in the current decade and to be fully operational by 2030.¹²⁴
- **Jan 15th:** French energy firm Acacia has started building its first BESS in France, two facilities totaling 200 MW / 400 MWh, following financing secured from banks like BNP Paribas, with the projects in the Hauts-de-France and Centre-Val de Loire regions.¹²⁵
- **Jan 15th:** Kyon Energy recently connected a 137.5 MW / 282 MWh battery storage system in Alfeld, Germany, to the grid, designed for grid flexibility, market participation, and to support renewable integration without direct subsidies, marking a significant merchant project in Germany's energy transition. This large-scale battery uses Nidec's technology and will help balance power supply and demand, providing stability as renewable sources grow, with commercial operations expected soon.¹²⁶
- **Jan 14th:** Root-Power secured planning approval on appeal in January 2026 for a £ 45M, 100 MW BESS near Kegworth, Leicestershire.¹²⁷
- **Jan 13th:** Duke Energy commissioned a \$100M, 50-MW, four-hour battery system at the former Allen coal plant site in Gaston County, North Carolina, starting service in November 2025 and final testing in January 2026. The company plans a 167-MW battery starting construction in May 2026, qualifying for 40% federal tax credits. This supports grid reliability by storing excess energy from sources like Catawba Nuclear Station for peak use, aligning with Duke Energy's 6,550 MW battery goal by 2035.¹²⁸
- **Jan 12th:** Renewable Power Capital (RPC) and its partner Greenfield received planning approval for two BESS projects in England, totaling 79 MW (30 MW Coventry and 49 MW Sudmeadow Road), adding to their growing portfolio of over 273 MW of consented projects aimed at supporting the UK's clean energy transition.¹²⁹
- **Jan 11th:** NASH Energy commissioned a prismatic battery pack line in Tamil Nadu, India, strengthening the energy storage ecosystem with LFP and NMC packs for EV and stationary applications. The facility supports local manufacturing and India's renewable goals. No financial amounts or capacity details are specified.¹³⁰
- **Jan 9th:** China recently launched the world's first GWh-scale hybrid supercapacitor and lithium battery energy storage project in Jiayuguan, Gansu Province (not Guangdong), featuring 500 MW power and 1 GWh capacity, significantly boosting renewable grid integration with rapid response for stability, showcasing hybrid tech for grid-scale storage solutions.¹³¹
- **Jan 8th:** Origin Energy has commissioned the first stage of its Eraring Battery, 460 MW / 1,770 MWh BESS located in New South Wales, Australia. This system is now fully operational on a commercial basis and

¹²³ <https://www.akayshaenergy.com/akaysha-energy-powers-up-430-mwh-grid-forming-battery>

¹²⁴ <https://www.stateraenergy.com/statera-secures-approval-for-4-gwh-eight-hour-battery>

¹²⁵ <https://www.linklaters.com/en/about-us/news-and-deals/deals/2026/january/linklaters-advises-acacia>

¹²⁶ <https://www.kyon-energy.de/en/projects/alfeld>

¹²⁷ <https://renews.biz/107407/root-power-wins-appeal-for-45m-bess/>

¹²⁸ <https://www.pnewswire.com/news-releases/duke-energy-brings-new-grid-battery-on-line-at-former-allen-coal-plant-302660773.html>

<https://www.duke-energy.com/our-company/about-us/news/2025/12/duke-energy-brings-new-grid-battery-on-line-at-former-allen-coal-plant>

<https://www.utilitydive.com/news/duke-energy-allen-coal-plant-battery-storage/808621/> <https://www.energy-storage.news/duke-energy-brings-online-50mw-200mwh-bess-at-retired-coal-plant-site-in-north-carolina/>

¹²⁹ <https://www.renewablepowercapital.com/rpc-and-greenfield-secure-planning-permission-for-two-gb-bess-projects-bringing-partnership-total-to-seven/>

¹³⁰ <https://www.pnewswire.com/in/news-releases/nash-energy-commissions-prismatic-battery-pack-line-strengthening-indias-energy-storage-ecosystem-302659707.html>

¹³¹ <http://en.cnesa.org/new-blog/2023/2/27/chinas-first-large-capacity-supercapacitor-hybrid-energy-storage-frequency-regulation-project-successfully-went-online>

integrated into the National Electricity Market (NEM). All four phases of the Eraring BESS are currently either under construction or in the commissioning process. Work on the Stage 4 expansion is set to begin in December 2025, with completion projected for early 2027. Upon finishing this final phase, the Eraring battery's overall capacity will expand to 700 MW / 3,160 MWh.¹³²

- *Jan 8th*: ContourGlobal successfully commissioned the large Maritsa BESS in Bulgaria in January 2026, a 202 MW / 500 MWh facility that enhances grid stability by balancing supply and integrating renewables, utilizing the existing grid connection of the Maritsa East 3 coal plant. Funded by the EU's NextGenerationEU program, it's a major standalone BESS in Eastern Europe, boosting Bulgaria's energy transition and paving the way for future hybrid projects on the site.¹³³
- *Jan 7th*: Voltalia has started construction on its Artemisya project in Uzbekistan's Bukhara region, the first phase of which includes a 100 MW / 200 MWh BESS alongside a 100 MW wind farm, with full commissioning for the entire cluster (including solar) planned for 2027.¹³⁴
- *Jan 7th*: China recently connected the world's largest vanadium flow battery project, the 200 MW / 1 GWh Jimusaer project in Xinjiang, to its grid at the end of 2025, marking a major step in long-duration grid-scale energy storage. This massive system pairs with a 1 GW solar farm and can provide five hours of continuous power, enhancing grid stability by storing surplus renewable energy and reducing intermittency. The project includes two resources: 150 MW / 750 MWh system connected via six 35kV lines to the planned 220kV substation, and 50 MW / 250 MWh system connected via two 35kV lines to a separate 220kV substation. The project was awarded to a consortium comprising Shanghai Investigation, Design & Research Institute Co., Ltd., China Construction Third Engineering Bureau Group Co., Ltd., and Dalian Rongke Power Co., Ltd. The winning bid totalled ¥1.93 billion (approx. ¥1.929/Wh).¹³⁵
- *Jan 6th*: Ormat Technologies has started commercial operations at its first U.S. solar-plus-storage project, the Arrowleaf facility in California, a significant milestone that combines 42 MW of solar with 35 MW / 140 MWh of battery storage to provide reliable clean energy to San Diego Community Power. This launch expands Ormat's renewable portfolio to nearly 1.7 GW.¹³⁶
- *Jan 6th*: UK developer Balance Power secured planning approval in early January 2026 for a 100 MW BESS in Hallyburton, Scotland, near Coupar Angus.¹³⁷
- *Jan 6th*: NUVVE JAPAN K.K. (Headquarters: Minato-ku, Tokyo; (Nuvve Japan) announced it has secured the rights to install and operate a grid-scale BESS in Oyada, Mino City, Gifu Prefecture. The project will feature a rated output of 2 MW and a storage capacity of 8 MWh (4-hour duration), with operations scheduled to commence in November 2026. With the acquisition of this project, Nuvve Japan's total contract capacity has reached 6 MW. This project serves as another milestone for NUVVE JAPAN as it expands deployments and capacity across Japan.¹³⁸
- *Jan 1st*: European Energy has started commercial operations at the Kvosted solar and battery park in Viborg, Denmark, which features a 200 MWh battery system with an existing solar plant, making it Northern Europe's largest solar-plus-storage facility.¹³⁹
- *Jan 1st*: NextEra's proposed 300 MW Webb Road Energy Storage project in Sumner County, Kansas, was denied a conditional use permit by the County Commissioners on December 30, 2025, despite an earlier

¹³² <https://www.enerdata.net/publications/daily-energy-news/origin-energy-commissions-460-mw18-gwh-bess-new-south-wales-australia.html>

¹³³ <https://renewablemarketwatch.com/news-analysis/contourglobal-commissioned-the-maritsa-battery-energy-storage-system-bess-in-bulgaria-with-a-connected-power-of-202-mw-and-a-storage-capacity-of-500-mwh-2/>

¹³⁴ <https://www.voltalia.com/voltalia-starts-building-200-mwh-bess-uzbekistan>

¹³⁵ <https://vanitec.org/latest-from-vanitec/article/rongke-power-completes-worlds-first-grid-connected-gwh-scale-vanadium-flow-battery-station-in-xinjiang>

¹³⁶ <https://investor.ormat.com/news-events/news/news-details/2026/Ormat-Technologies-Commenced-Commercial-Operation-of-Arrowleaf-Its-First-Hybrid-Solar-Plus-Storage-Project/default.aspx>

¹³⁷ <https://www.balancepower.com/balance-power-wins-consent-100-mw-scottish-battery>

¹³⁸ <https://investors.nuvve.com/news-releases/news-release-details/nuvve-japan-launch-2mw8mwh-grid-scale-battery-storage-project>

¹³⁹ <https://europeanenergy.com/2025/12/29/european-energy-energises-northern-europes-largest-combined-solar-and-battery-park/>

planning commission recommendation for approval, due to strong resident opposition citing safety, noise, and zoning concerns for the largely rural area. The unanimous 3-0 vote overturned the planning board, with commissioners citing zoning issues, and the decision could potentially be appealed by NextEra.¹⁴⁰

Vendor / OEM News

- *Jan 31st*: Spanish lithium-ion battery maker Endurance Motive has signed contracts worth € 5.71M (USD 6.64M) to supply and integrate two 5 MW / 25 MWh BESS in Spain, totaling 10 MW of power. The systems will be integrated with two existing 5 MW solar photovoltaic plants. The equipment includes ten of Endurance's 5 MWh "Endurance ST" containers, along with DC/AC converters and other medium-voltage components. Delivery of the main equipment is planned for May and June 2026, with commissioning expected in July 2026. This order is Endurance Motive's largest to date.¹⁴¹
- *Jan 30th*: SINEXCEL is backing the deployment of a 7.5 MW / 15.04 MWh BESS in Curtea de Argeş, Romania, aimed at enhancing market-oriented energy trading flexibility and grid responsiveness through advanced power conversion technology. The system, featuring scalable SINEXCEL 1250 kW Power Conversion Systems (PCS), targets price arbitrage optimization and efficient integration, supporting multiple medium-voltage configurations. Developed by Energy Solar NRG SRL, the project secured non-recourse financing from DHB Bank in February 2025 and is expected to be commissioned by September 30, 2026.¹⁴²
- *Jan 30th*: SINEXCEL announced its support for a 10 MW / 33.86 MWh utility-scale battery energy storage facility in Ruse, Bulgaria. The installation uses four 1725 kW Power Conversion Systems (PCS) designed for high efficiency (up to ~98.5 %) and rapid grid balancing, while complying with international regulatory standards. Developed by Evklips Group and financed via non-recourse DSK Bank Bulgaria funding secured in September 2025, the project is slated for full commissioning by March 30, 2026.¹⁴³
- *Jan 30th*: SINEXCEL is backing a 6.02 MW / 16.72 MWh utility-scale battery energy storage installation in Loket–Nadlesí, Czech Republic. The facility uses high-efficiency 1725 kW Power Conversion Systems (PCS) that enable flexible battery configurations and rapid (10 ms) response to grid signals, suited for variable renewables and dynamic market conditions. Developed by Energo Synergy Group s.r.o., the project secured non-recourse financing from Raiffeisen Leasing a.s. and is expected to achieve full commissioning by April 30, 2026, reinforcing SINEXCEL's expanding footprint in European storage deployments.¹⁴⁴
- *Jan 29th*: Sungrow, the global leading PV inverter and ESS provider, has launched PowerTitan 3.0, its next-generation liquid-cooled ESS for utility-scale applications in Europe. The PowerTitan 3.0 supports the 2-8 hour duration. A single 20-foot container integrates 1.78 MW PCS with 7.14 MWh batteries, enabling a 4-hour configuration where one block reaches 7.2 MW / 28.5 MWh, well-suited for large-scale European projects. Featuring the industry's first large-scale application of a fully liquid-cooled Silicon Carbide Power Conversion System (SiC PCS), the system delivers a power capacity of 450 kVA per unit, achieving a maximum efficiency of 99.3% and a system RTE of 92%.¹⁴⁵
- *Jan 22nd*: Sigenergy has achieved No. 1 energy storage brand status in key markets like Australia, Ireland, and South Africa, recognized by analysts like SunWiz for leading installer adoption, driven by its innovative, stackable SigenStor all-in-one system that integrates inverter, battery, EMS, and EV charging into one

¹⁴⁰ <https://www.nexteraenergy.com/nextera-denied-permit-300-mw-battery-kansas>

¹⁴¹ <https://www.endurancebatteries.es/endurance-bags-10-mw-bess-orders-spain>

¹⁴² https://www.prnewswire.com/news-releases/sinexcel-supports-7-5mw-15-04mwh-energy-storage-project-in-romania-enabling-greater-energy-trading-flexibility-302675304.html?utm_source=chatgpt.com

¹⁴³ https://www.prnewswire.com/news-releases/sinexcel-supports-10mw-33-86mwh-energy-storage-project-in-bulgaria-strengthening-europes-grid-flexibility-302675278.html?utm_source=chatgpt.com

¹⁴⁴ https://www.prnewswire.com/news-releases/sinexcel-enhances-czech-grid-resilience-with-6-02mw-16-72mwh-energy-storage-project-302675254.html?utm_source=chatgpt.com

¹⁴⁵ <https://www.prnewswire.com/news-releases/sungrow-launches-grid-forming-utility-ess-for-europes-energy-transition-302673733.html>

modular solution, capturing significant market share in the Distributed Energy Storage System (DESS) category.¹⁴⁶

- **Jan 22nd**: Jinko ESS, a global leading energy storage solution provider and a subsidiary of Jinko Solar Co., Ltd., has completed the deployment of a 10 MWh energy storage project in Handan City, Hebei Province. Located in the largest local agricultural market, Chaomeng Agricultural Market, the project utilizes two sets of SunTera G2 5 MWh liquid-cooling ESS. It is designed to significantly reduce operational electricity costs for both the market and its integrated PV-storage-charging station through peak-valley arbitrage and coordinated operation of PV, storage, and charging.¹⁴⁷
- **Jan 22nd**: HiTHIUM's Chongqing manufacturing base in China was named the world's first Lighthouse Factory for energy storage batteries by the World Economic Forum's Global Lighthouse Network 2026, marking a milestone for advanced, intelligent manufacturing in the long-duration energy storage (LDES) sector. The facility is dedicated to mass producing kAh-class LDES batteries with a focus on digital transformation, supply chain resilience, productivity, and sustainability, establishing a benchmark for high-quality battery production.¹⁴⁸
- **Jan 20th**: Trina Storage successfully completed a rigorous fire test on its Elementa 2 Pro system, demonstrating excellent safety by preventing thermal propagation even under extreme conditions (1300°C flames, 10cm container spacing), significantly exceeding standards like UL 9540A and NFPA 855, with adjacent cells staying well below venting temperatures (e.g., max 43.9°C back-to-back), showcasing its robust multi-layered safety design. The test, supervised by TÜV Rheinland and Hiller.¹⁴⁹
- **Jan 17th**: CLOU's next-gen Aqua E261 & Aqua X261 C&I BESS debuted at Solar Energy Expo Warsaw, winning an award in the ESS category. The systems feature advanced safety and efficiency for commercial applications. This launch strengthens CLOU's presence in Europe.¹⁵⁰
- **Jan 16th**: CATL's Yibin plant achieved a historic milestone by becoming the world's first lithium-ion battery facility recognized by the World Economic Forum (WEF) as a Sustainability Lighthouse, making it the first in the industry to earn both Productivity and Sustainability Lighthouse status from the WEF. This benchmark was set through significant carbon footprint reduction (56%), leveraging hydropower, AI, microgrids, and advanced process innovations, and it influences global smart, green manufacturing for the industry.¹⁵¹
- **Jan 16th**: Ddev Plastiks Industries is entering India's BESS market with a ₹150–200 crore investment to build a 5 GWh manufacturing facility, aiming to support grid stability and India's renewable energy transition by managing intermittency. The plant, with an R&D center, will focus on utility-scale solutions using lithium-ion technology, with commissioning targeted for August 2026, leveraging the growing demand for storage in India's green energy ecosystem.¹⁵²
- **Jan 15th**: Sungrow unveiled the SG465HX 465kW utility string inverter and integrated C&I solutions including the PowerStack ST255CS (125kW/257kWh liquid-cooled system) and SH125CX 125kW hybrid inverter at WFES 2026 in Abu Dhabi. These solutions offer high-efficiency performance, grid-forming capabilities, and flexible deployment for utility-scale solar and C&I microgrids. The innovations support improved grid stability, reduced LCOE, and applications like peak shaving and backup power.¹⁵³

¹⁴⁶ <https://www.sigenergy.com/en/news/info/2656.html>

¹⁴⁷ <https://www.jinkosolar.com/en/site/newsdetail/2820>

¹⁴⁸ <https://www.hithium.com/newsroom/latest/details/159.html>

¹⁴⁹ <https://www.trinasolar.com/us/resources/newsroom/Trina-Storage-Large-Scale-Fire-Test-Results/>

¹⁵⁰ <https://www.pnewswire.com/news-releases/clous-next-gen-aqua-e261-aqua-x261-ci-bess-debuts-at-solar-energy-expo-warsaw-winning-award-in-ess-category-302663322.html>

¹⁵¹ <https://www.catl.com/en/news/6652.html>

¹⁵² <https://www.energetica-india.net/news/ddev-plastiks-forays-into-bess-manufacturing-with-5-gwh-plant-to-be-commissioned-by-august-2026>

¹⁵³ <https://www.pnewswire.com/ae/news-releases/sungrow-unveils-next-generation-utility-scale-and-integrated-ci-energy-solutions-at-wfes-2026-302662765.html>

- *Jan 15th*: Sodium-ion battery manufacturer UNIGRID Inc. announced that it has begun commercial-volume international shipments of its proprietary NCO sodium-ion cells. This milestone positions U.S.-based UNIGRID as the first battery company outside of China to export sodium-ion at scale, enabled by critical transport certifications and its cost-efficient foundry manufacturing model. UNIGRID is now available to begin fulfilling its off-take agreements in 2026.¹⁵⁴
- *Jan 10th*: CATL opened the Middle East's largest new energy aftermarket hub, the NING SERVICE Experience Center, in Riyadh, Saudi Arabia, in January 2026, providing full-lifecycle support for EVs and energy storage, training local talent, and creating an ecosystem hub to support regional energy transition goals like Saudi Vision 2030. This facility offers advanced diagnostics, maintenance, recycling, and logistics for seven product categories, aiming to reduce downtime for electric fleets and foster local expertise in the growing green energy sector.¹⁵⁵
- *Jan 9th*: CATL opened the Middle East's largest new energy aftermarket facility in Riyadh, Saudi Arabia, spanning 5,000 square meters with 10,000 spare parts and a 1 MWh BESS demonstration. The facility supports local training and rapid response for ESS. This strengthens CATL's presence in the region for sustainable energy.¹⁵⁶
- *Jan 6th*: Power Up Connect unveiled the Green Grid 90 kWh Mobile BESS (MBESS) during a ribbon-cutting ceremony with Dominion Energy at their Safety and Training Center in Chesterfield, VA. The system features integrated solar panels, UL 9540/9540A certification, and provides 208/120V three-phase electricity as a clean alternative to diesel generators. This deployment marks a milestone in resilient energy solutions for temporary power and EV charging.¹⁵⁷
- *Jan 6th*: Coulomb Solutions supplied Critical Loop its 2.33 MWh Green Energy ToGo Mobile BESS, solving demand bottlenecks for EV charging infrastructure. The system, unveiled at CES 2025, features 100% US-made components and Level 3 fast charging. This initiative addresses grid limitations for mobile power needs.¹⁵⁸
- *Jan 6th*: SINEXCEL commissioned a 1.5 MW / 3 MWh BESS in Ukraine, supporting local power stability amid wartime conditions. The system uses SINEXCEL's 1500V PCS and operates at 10 kV. This marks SINEXCEL's entry into the Ukrainian market for energy resilience.¹⁵⁹
- *Jan 1st*: HyperStrong successfully connected three large-scale grid-side energy storage projects in Inner Mongolia (Baotou & Ordos) in late 2025, totaling 7.4 GWh (2,000 MWh, 3,000 MWh, 2,400 MWh) across 1400 MW, significantly boosting renewable energy integration and grid stability in China's northern region. The projects, including Ordos Gushanliang, Baotou Weijun, and Baotou Boerhantu, showcased rapid deployment, with some completed in just three months, setting a benchmark for large-scale GWh systems even in harsh climates.¹⁶⁰

¹⁵⁴ <https://www.prnewswire.com/news-releases/unigrd-begins-commercial-scale-deliveries-of-sodium-ion-batteries-302662483.html>

¹⁵⁵ <https://www.catl.com/en/news/6661.html>

¹⁵⁶ <https://www.prnewswire.com/news-releases/catl-opens-middle-east-s-largest-new-energy-aftermarket-facility-in-riyadh-302657853.html>

¹⁵⁷ <https://www.prnewswire.com/news-releases/power-up-connect-unveils-zero-emission-utility-ready-mobile-battery-energy-storage-system-during-ribbon-cutting-event-302652367.html>

¹⁵⁸ <https://www.prnewswire.com/news-releases/coulomb-solutions-supplies-critical-loop-its-2-33-mwh-green-energy-togo-mobile-battery-energy-storage-system-to-solve-demand-bottleneck-for-charging-infrastructure-302653938.html>

¹⁵⁹ <https://www.prnewswire.com/news-releases/sinexcels-first-1-5mw3mwh-energy-storage-application-successfully-commissioned-in-ukraine-supporting-local-power-stability-and-reliable-electricity-supply-302653773.html>

¹⁶⁰ <https://www.hyperstrong.com/en/news/company-news/81>

Equipment Supply, EPC and O&M Service Agreement Awards

United States

- *Jan 29th*: ESS Tech Inc. was awarded a \$9.9M contract from Concurrent Technologies Corporation and the U.S. Air Force Research Laboratory for iron flow battery systems to support microgrid resiliency at military installations in the U.S.¹⁶¹
- *Jan 20th*: StarCharge Americas Corporation signed a Master Service Agreement with Beneficial Holdings, Inc. for multibillion-dollar BESS projects totaling over 32.24 GWh in the US and Puerto Rico, focused on datacenters, with the contract valued at \$3.2 billion. The first of 29 projects is set to launch in June 2026, addressing energy congestion and promoting growth in critical communities while maximizing investment tax credits. This partnership shifts the US energy storage industry to meet datacenter demands, enhancing grid resiliency with black start capabilities and sustainable energy mixes.¹⁶²
- *Jan 16th*: Global battery tech firm Fluence will provide its advanced Gridstack Pro system for Arizona's 1.2 GWh Pioneer Clean Energy Center in Yuma County, a large solar-plus-storage project (300 MW Solar PV + 1.2 GWh BESS) with commercial operation anticipated by April 2027.¹⁶³
- *Jan 9th*: Curtin Maritime selected Motive Energy to deliver large-scale solar and BESS charging infrastructure for electric tugboats at the Port of Los Angeles, including 1.2 MW solar and 1.5 MWh BESS. The system will power eWolf, America's first zero-emission tugboat. This supports Curtin's sustainability goals and port electrification.¹⁶⁴
- *Jan 6th*: SolarMax Technology was awarded a \$258.1M EPC contract to design and build a 600 MWh battery storage project in Texas, USA, positioning it as a key engineering and construction partner for utility-scale energy storage infrastructure. This contract reflects growing demand for grid-scale storage that enhances reliability and integrates with variable renewable energy. Project development is expected to advance local capacity and support peak load management in the Texas market.¹⁶⁵
- *Jan 1st*: NextNRG signed a MOU with A123 Systems to integrate A123's U.S.-made Lithium Iron Phosphate (LFP) battery technology into NextNRG's energy projects.¹⁶⁶

International

- *Jan 29th*: ADS-TEC Energy delivered a large-scale battery storage project for Stadtwerke Mühlacker in Germany, featuring ChargeBox systems with 1.4 MW / 2.8 MWh capacity to stabilize the grid and support EV charging at the Mühle industrial park. The project, commissioned in 2025, was funded by € 1.2M from the Baden-Württemberg Ministry of the Environment.¹⁶⁷
- *Jan 28th*: Metlen Energy & Metals is broadening its presence in European renewable energy markets by securing new engineering, procurement and construction (EPC) contracts for solar and battery projects in the UK and Ireland, as well as a storage agreement in Italy. In Wales, the company landed an EPC role for

¹⁶¹ <https://www.businesswire.com/news/home/20260129811187/en/ESS-Tech-Awarded-%249.9-Million-Contract-from-Concurrent-Technologies-Corporation-and-U.S.-Air-Force-Research-Laboratory>

¹⁶² <https://www.prnewswire.com/news-releases/starcharge-americas-signs-master-service-agreement-for-multibillion-dollar-battery-energy-storage-systems-in-usa-302662797.html>

¹⁶³ <https://ir.fluenceenergy.com/news-releases/news-release-details/fluence-supplies-energy-storage-technology-brightnight-and>

¹⁶⁴ <https://www.prnewswire.com/news-releases/curtin-maritime-selects-motive-energy-to-deliver-large-scale-solar--bess-charging-infrastructure-for-electric-tugboats-at-the-port-of-los-angeles-302657627.html>

¹⁶⁵ <https://www.globenewswire.com/news-release/2026/01/06/3213716/0/en/SolarMax-Technology-Awarded-258-1-Million-EPC-Contract-for-600-MWh-Battery-Storage-Project-in-Texas.html>

¹⁶⁶ <https://finance.yahoo.com/news/nextnrg-a123-systems-llc-sign-140000074.html>

¹⁶⁷ <https://www.businesswire.com/news/home/20260129462978/en/CORRECTING-and-REPLACING-ADS-TEC-Energy-delivers-large-scale-battery-storage-project-for-Stadtwerke-Mhlacker-Germany>

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the 24.5 MW Maesmawr solar plant, and in Ireland it won an EPC contract for the first two development phases of a larger solar-plus-storage portfolio that is planned to exceed 200 MW. Additionally, Metlen signed a long-term physical tolling deal in Italy for a 25 MW / 75 MWh BESS in the Apulia region, which has already earned a capacity market award and is under construction.¹⁶⁸

- **Jan 26th**: Nuvve entered into a framework agreement with Capture Energy and purchased first 3 BESS for its Danish projects, totaling 9 MW / 18 MWh in Denmark. Capture Energy will design, integrate, deliver, install and commission the same configuration for the three sites, built around two of its BESS PowerBox LC. It is a containerized, all-in-one, liquid cooled battery energy storage solution.¹⁶⁹
- **Jan 26th**: Merus Power Oyj secured a € 13M deal with Neve Oy to deliver a 30 MW / 80 MWh BESS to Rovaniemi by late 2026, notable for operating in extreme Arctic cold (down to -50°C) using grid-forming technology to enhance grid stability and enable renewable energy integration, with Merus Power also handling installation and long-term maintenance.¹⁷⁰
- **Jan 22nd**: Trina Storage, a global provider of utility-scale energy storage solutions, has recently announced significant business progress in the Latin American market, signing BESS supply contracts totaling 1.203GWh with T-Power—the renewable energy platform of Toesca Asset Management—and YPF Luz, one of Argentina’s leading power generation companies.¹⁷¹
- **Jan 21st**: Trina Storage, a leading provider of energy storage solutions, has recently completed the delivery of a 1.7GWh energy storage project in the Asia-Pacific region, marking the largest overseas shipment in the company’s history.¹⁷²
- **Jan 20th**: SEAC tapped Sunotec to build up to 230 MWh battery storage in Germany, with the first 50 MWh / 25 MW project in Saxony-Anhalt, announced on January 20, 2026. The COD is scheduled for 2028.¹⁷³
- **Jan 14th**: Trina Storage, Trina Solar’s utility-scale energy storage business, has signed new contracts in Chile and Argentina totaling 1,203 MWh of BESS. The agreements include 722 MWh in Chile with T-Power, the energy platform of Toesca Asset Management, and 481 MWh in Argentina with YPF Luz. With these contracts, Trina Storage adds to the 1.2 GWh already delivered in Latin America in 2025 and expects a further 2.5 GWh to be delivered in the first half of 2026.¹⁷⁴
- **Jan 7th**: Jinko ESS, a global leading energy storage solution provider and a subsidiary of Jinko Solar Co., Ltd., officially signed a Framework Cooperation Agreement with Shaanxi Yihe Green Power New Energy Co., Ltd. Both parties have agreed to engage in in-depth collaboration over the next two years in areas including energy storage project development, equipment procurement, and technical synergy, targeting a cooperation scale of 3GWh.¹⁷⁵
- **Jan 6th**: CATL inked major deals in late 2025: a 50 GWh, three-year energy storage partnership with Sieyuan to boost grid-scale storage synergy, and a 20 GWh order for battery cells from CRRC Zhuzhou Institute to support its rapidly expanding energy storage business, solidifying its leadership in the booming sector.¹⁷⁶

¹⁶⁸ <https://www.metlen.com/metlen-expands-in-europe-with-epc-storage-deals>

¹⁶⁹ <https://www.businesswire.com/news/home/20260126983290/en/Nuvve-Enters-Into-a-Framework-Agreement-With-Capture-Energy-and-Purchases-First-3-Battery-Energy-Systems-BESS-for-Its-Danish-Projects>

¹⁷⁰ <https://www.marketscreener.com/news/merus-power-wins-eur13-million-battery-energy-storage-deal-in-finland-ce7e5bd8dc8bf224>

¹⁷¹ <https://www.trinasolar.com/en-glb/newsroom202601220619/>

¹⁷² <https://taiyangnews.info/pressreleases/trina-storage-reaches-major-delivery-milestone-with-17gwh-asia-pacific-project>

¹⁷³ <https://www.seac.com/seac-taps-sunotec-for-230-mwh-bess-germany>

¹⁷⁴ <https://renewables.az/en/news/trina-storage-secures-1-2-gwh-of-battery-storage-contracts-in-chile-and-argentina>

¹⁷⁵ <https://www.jinkosolar.com/en/site/newsdetail/2809>

¹⁷⁶ <https://www.catl.com/catl-50-gwh-deal-sieyuan-20-gwh-crrc>

Optimization and Virtual Toll Agreement Awards

International

- *Jan 31st*: Drax Group plc signed a 10-year tolling agreement with West Burton C Limited, owned by Fidra Energy, for a 250 MW / 500 MWh 2-hour duration BESS at West Burton in Nottinghamshire, England, United Kingdom, with Drax retaining full operational control and no upfront capital costs. Fidra handles construction, maintenance, and availability risks, with annual payments indexed to UK CPI. The project targets a Commercial Operation Date in 2028, subject to FID by Q3 2026 and operations by H2 2029.¹⁷⁷

Off-Take / PPA / Awards News

United States

- *Jan 15th*: Origis Energy and Meta signed a long-term PPA for the 303 MW_{dc} Greyhound A Solar project in West Odessa, Texas, part of a ~1 GW fully subscribed solar complex with 500 MW operational and the rest online in 2026. The project will reach commercial operations by mid-2026, supplying clean energy to match Meta's data center electricity use. The complex, including solar and battery storage, represents ~\$2.5 billion in investments in Ector County and West Texas by 2029.¹⁷⁸
- *Jan 15th*: Google partnered with Clearway Energy Group to secure nearly 1.2 GW of carbon-free energy through long-term PPAs for its expanding U.S. data centers, focusing on new renewable projects in Missouri, Texas, and West Virginia, with construction starting in 2026 and power coming online in 2027-2028. These deals represent over \$2.4 billion in clean energy infrastructure investment, supporting Google's growing demand in the SPP, ERCOT, and PJM grid regions.¹⁷⁹
- *Jan 1st*: Kit Carson Electric Cooperative, Inc. (KCEC) has selected Nuvve New Mexico, LLC, a subsidiary of Nuvve Holding Corp. (Nasdaq: NVVE), to deploy and operate advanced BESS under a Battery-as-a-Service (BAAS) model at two separate locations in northern New Mexico. Under the terms outlined in a recently executed term sheet, Nuvve New Mexico will develop two 5 MW / 20 MWh battery systems designed to provide peak load mitigation, grid resiliency, and market participation through the Western Energy Imbalance Market (WEIM) via Guzman Energy and the PNM Balancing Authority Area.¹⁸⁰

International

- *Jan 26th*: Blueleaf Energy and Universal Peak won Malaysia's first MyBeST tender for a 100 MW / 400 MWh BESS with a build-own-operate contract, aiming for 2027 completion to stabilize the grid, integrate solar, and reduce reliance on peak power plants through frequency regulation, peak shaving, and energy shifting, leveraging Blueleaf's global scale and Universal Peak's local execution, marking a major step in Malaysia's energy transition.¹⁸¹
- *Jan 14th*: Engie secured its first hybrid solar-plus-storage project in India, winning a bid from the Solar Energy Corporation of India (SECI) for a 200 MW solar farm paired with a 100 MW / 600 MWh BESS. This project, developed on a build-own-operate (BOO) basis, allows for up to six hours of stored renewable energy

¹⁷⁷ https://www.linkedin.com/posts/drax-group_drax-signs-10-year-tolling-agreement-for-activity-7409180713654095872-ql70

¹⁷⁸ <https://www.prnewswire.com/news-releases/origis-energy-and-meta-partner-on-landmark-texas-project-302662563.html>

<https://www.origisenergy.com/origis-energy-and-meta-partner-on-landmark-texas-project> <https://www.pv-magazine-usa.com/2025/12/15/meta-origis-energy-sign-ppa-for-240-mw-solar-project-in-texas/> <https://www.solarpowerworldonline.com/2025/12/meta-origis-energy-ppa-texas-solar-project/>

¹⁷⁹ <https://www.clearwayenergygroup.com/press-releases/clearway-signs-portfolio-of-power-purchase-agreements-with-google-totaling-nearly-1-2-gw-across-three-states/>

¹⁸⁰ <https://www.businesswire.com/news/home/20251230056009/en/Kit-Carson-Electric-Cooperative-Selects-Nuvve-New-Mexico-for-Battery-as-a-Service-Projects>

¹⁸¹ <https://www.blueleafenergy.com/press/blueleaf-up-win-landmark-400mwh-bess-project-in-malaysia/>

delivery, supporting grid stability and India's clean energy goals under a 25-year PPA with SECI, with commissioning expected around 2028.¹⁸²

- **Jan 13th**: India's SECI has wrapped up a tender for 1.2 GW of interstate transmission system-connected PV projects paired with 600 MW / 3,600 MWh of energy storage, with tariffs as low as INR 3.12/kWh. SECI said the auction covers solar projects integrated with ESS and structured on a build-own-operate basis, with 25-year PPAs signed between SECI and the selected developers. NLC India Renewables secured the largest allocation, winning 600 MW of solar capacity at a tariff of INR 3.12/kWh. Engie Energy India was awarded 200 MW at the same tariff. Rays Power Infra won 300 MW and Oriana Power secured 100 MW, both at a tariff of INR 3.13/kWh. Under the tender terms, developers must install a minimum storage capacity of 0.5 MW / 3 MWh for every 1 MW of contracted solar capacity. The storage component may be developed and owned by the solar project company or procured through a third-party energy storage provider.¹⁸³
- **Jan 11th**: Norwegian developer Scatec ASA secured a major deal with Egypt for a 1.95 GW solar + 3.9 GWh battery storage project, set to be Africa's largest integrated solar-storage facility, providing continuous renewable power and grid support under a 25-year PPA with EETC. This US\$1.8 billion project aims to boost Egypt's clean energy goals, delivering round-the-clock power and grid stabilization, with financial close anticipated in late 2026 and Scatec handling EPC, asset management, and O&M.¹⁸⁴
- **Jan 8th**: Power Mech Projects, through its subsidiary PM Green, secured a major 2 GWh (250 MW / 1,000 MWh with a greenshoe option) BESS project in West Bengal, India, awarded by the West Bengal State Electricity Distribution Company Ltd (WBSEDCL), not directly by the Ministry of New and Renewable Energy (MNRE), though it aligns with national clean energy goals. This significant contract involves building, owning, and operating the BESS on a Build-Own-Operate (BOO) basis, crucial for grid stability and renewable integration in India.¹⁸⁵
- **Jan 8th**: Neoen, one of the world's leading renewable energy companies, has signed a 30 MW / 78 MWh tolling agreement with Uniper, a European energy company with global reach, for its Arneburg Battery in Saxony-Anhalt, Germany. The contract is due to commence in 2027 and has a duration of 7 years. During this period Uniper will have full control of the charging and discharging of the battery while Neoen will continue to manage the asset's operation and maintenance. Uniper intends to optimize the asset across all revenue market channels from ancillary grid services to the wholesale market. Arneburg Battery is Neoen's first asset in Germany. The battery is currently mid-way through construction and is expected to be operational in 2026.¹⁸⁶
- **Jan 7th**: Adani Green Energy Twenty Five B Ltd, a wholly owned step-down subsidiary of Adani Green Energy Ltd (AGEL), has entered into key agreements for the supply of 20.8 MW of solar-wind hybrid power to Asahi India Glass Ltd (AIS). The power will be supplied from a 25 MW solar power plant unit and a 20.8 MW wind power plant unit, both located at Khavda, Gujarat.¹⁸⁷
- **Jan 5th**: Rajesh Power Services (RPSL) has entered the utility-scale BESS market by winning a 65 MW / 130 MWh project in Virpore, Gujarat, from Gujarat Urja Vikas Nigam Limited (GUVNL). This milestone project, awarded via a competitive bidding process.

¹⁸² <https://en.newsroom.engie.com/news/engie-secures-its-first-hybrid-solar-storage-project-in-india-41260-314df.html>

¹⁸³ <https://megaproject.com/news/powerplant/seci-announces-results-of-1-2-gw-solar-and-3-6-gwh-energy-storage-auction>

¹⁸⁴ <https://scatec.com/2026/01/11/scatec-signs-landmark-ppa-in-egypt-for-1-95-gw-solar-and-3-9-gwh-bess-capacity/>

¹⁸⁵ <https://renewablewatch.in/2026/01/13/power-mech-wins-contract-to-develop-2-gwh-standalone-bess/>

¹⁸⁶ <https://neoen.com/en/news/2026/01/13/neoen-signs-7-year-tolling-agreement-with-uniper-for-its-arneburg-battery-in-germany/>

¹⁸⁷ <https://www.msn.com/en-in/news/India/adani-green-unit-to-supply-20-8-mw-hybrid-power-to-asahi-india-glass/ar-AA1TTyVj?apiversion=v2&domshim=1&noservercache=1&noservertelemetry=1&batchservertelemetry=1&renderwebcomponents=1&wcseo=1>

AA1TTyVj?apiversion=v2&domshim=1&noservercache=1&noservertelemetry=1&batchservertelemetry=1&renderwebcomponents=1&wcseo=1

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Open Energy Storage RFPs/RFQs/RFIs

Off-Taker	Description
Australian National Electricity Market	The Australian government has launched Capacity Investment Scheme (CIS) Tender 8, the largest single energy storage tender to date, seeking 16 GWh of medium-duration storage capacity for the National Electricity Market (NEM). This tender, which opened on November 28, 2025, requires a minimum 4-hour duration and aims to boost grid reliability by securing energy storage projects that can provide extended grid support during peak demand and renewable intermittency events. Registrations close on January 23, 2026, with full submissions due by February 6, 2026. ¹⁸⁸
BMME	Brazil's Ministry of Mines and Energy has launched a public consultation for its first battery storage auction, which is part of the 2026 Reserve Capacity Auction (LRCAP). The draft rules specify that eligible systems must have a capacity greater than 30 MW, offer a daily power availability of over 4 hours, and be able to recharge within 6 hours, with a round-trip efficiency exceeding 85%. This initiative aims to integrate large-scale battery systems to provide grid stability and store energy on demand. ¹⁸⁹
CUED	The Unified Council of Electricity Companies (CUED) in the Dominican Republic has unveiled a public tender for up to 600 MW of new renewable energy generation. Marking a national first, the bidding process mandates the inclusion of BESS as an essential part of the proposed project. ¹⁹⁰
DEEP	The Connecticut Department of Energy and Environmental Protection (DEEP) released a final Request for Proposals (RFP) seeking proposals to provide zero carbon electric power from nuclear, hydropower, solar, onshore wind and associated transmission, and/or paired and co-located ESS to diversify the state's energy sources, improve electric reliability, and save ratepayers money. DEEP will hold a virtual bidders conference on this RFP on February 11, 2026, at 10:00 AM EPT. A registration link is available here. DEEP will accept bids in response to this RFP through February 27, 2026, at 11:59 PM EPT for projects also bidding into the Maine RFP, and through March 17, 2026, at 12:00 PM EPT for all other bids. ¹⁹¹
EBRD	The European Bank for Reconstruction and Development (EBRD) is set to assist Jordan with three renewable energy tenders consisting of a 200 MW solar project, a 100 MW wind project, and a 100 MWh BESS project. ¹⁹²
EWA	Bahrain's Electricity and Water Authority (EWA) will launch the country's first solar power plant tender for up to 150 MW capacity, with commercial operations targeted for Q3 2027 as part of the National Renewable Energy Plan. ¹⁹³
Colorado Springs Utilities	Colorado Springs Utilities intends to release an RFP to secure 1,250 MW of new renewable energy and storage capacity by 2030. The utility is seeking approximately 525 MW of solar, 100 MW of energy storage, and 625 MW of wind capacity, in addition to 350 MW of natural gas. The target date for integrating these new resources is May 2028. ¹⁹⁴
DEWA	The Dubai Electricity and Water Authority (DEWA) has revealed a notable expansion of clean energy output at the Mohammed bin Rashid Al Maktoum Solar Park, now producing a total of 3,860 MW through a mix of Solar PV panels and concentrated solar power (CSP) technologies. DEWA has extended an invitation to global developers to join Phase 7, which will offer a capacity of 1,600 MW, with the potential to increase to 2,000 MW. This phase will include PV solar panels and an integrated BESS with a capacity of 1,000 MW / 6,000 MWh. ¹⁹⁵
Dominion Energy Virginia	Dominion Energy Virginia (DEV) is seeking proposals for the acquisition of new solar, onshore wind and energy storage development projects in Virginia. The Company is seeking PPA proposals that provide it with exclusive rights to 100% of the Unit Capacity of the facility from which such output

¹⁸⁸ <https://asl.org.au/tenders/cis-tender-8-nem-dispatchable>

¹⁸⁹ <https://consultas-publicas.mme.gov.br/home>

¹⁹⁰ <https://dr1.com/news/2025/10/16/dominican-republic-launches-first-600-mw-renewable-energy-tender-that-mandates-battery-storage/>

¹⁹¹ <https://portal.ct.gov/deep/news-releases/news-releases---2026/deep-announces-2026-zero-carbon-request-for-proposals>

¹⁹² <https://www.pv-magazine.com/2025/09/22/ebird-to-support-solar-storage-wind-tenders-in-jordan/>

¹⁹³ <https://x.com/emadghaly/status/1960205586072551537?s=46>

¹⁹⁴ <https://www.bidnetdirect.com/colorado/colorado-springs-utilities>

¹⁹⁵ <https://www.dewa.gov.ae/en/about-us/media-publications/latest-news/2025/06/dewa-adds-800mw-of-clean-energy-production>

Off-Taker	Description
	will be delivered. The company is seeking a total storage capacity of Solar PV + energy storage, stand-alone energy storage, and onshore wind + energy storage PPA Proposals up to 500 MW _{ac} . The proposal submittal deadline is February 9, 2026. ¹⁹⁶
KREDL	Karnataka Renewable Energy Development Ltd (KREDL) has released a tender for the development of a 250 MW Independent System Solar PV + 250 MW / 1,100 MWh BESS at Ryapte in Karnataka. The system aims to supply peak power and optimize grid utilization at the Pavagada Solar Park. ¹⁹⁷
Lincoln Electric System	Lincoln Electric System (LES) is soliciting discussions with entities interested in providing LES with firm or deliverable capacity within SPP to meet LES's own load and reserve requirements for the 2026-2030 period. All offers; capacity amounts, term lengths, and types of participation will be considered. Interested parties can contact the Manager of Energy & Environmental Operations, Dennis Florom, at dflorom@les.com . ¹⁹⁸
MOP	The Indian Ministry of Power (MOP) has introduced a Viability Gap Funding (VGF) program to promote the establishment of BESS throughout India. With the Power Minister's approval, a financial allocation of ₹ 5,400 crore will be drawn from the Power System Development Fund (PSDF). This funding will facilitate the development of 30 GWh of BESS capacity, offering ₹ 18 lakh per MWh as VGF support. The program targets 15 states and NTPC, which will be allocated 25 GWh and 5 GWh, respectively. Interested entities must submit proposals to the CEA within 60 days of the date of guideline issuance. BESS projects will be awarded using Tariff-Based Competitive Bidding (TBCB) under Section 63 of the Electricity Act, 2003. Contracts will be issued on a Build Own Operate (BOO) or Build Own Operate Transfer (BOOT) basis for a period of 12 to 15 years. ¹⁹⁹
MOTIE	The Ministry of Trade, Industry, and Energy (MOTIE) of South Korea will release a competitive solicitation for battery storage capacity. The capacity will be split between 500 MW of large-scale BESS on the Korean mainland and a 40 MW BESS on Jeju Island. ²⁰⁰
NTPC	NTPC Vidyut Vyapar Nigam Limited (NVVN), a wholly owned subsidiary of NTPC Ltd, is procuring energy storage with a capacity of 125 MW / 500 MWh BESS (4-hour duration). Bids dates are visible via Bharat-ETS portal (pre-bid, submission, auction dates pending). ²⁰¹
New South Wales	The New South Wales government has announced plans to launch a new tender seeking 500 MW of firming capacity, seeking bids from BESS, gas, and VPP. The new tender will be led by ASL and seek 500 MW of firming capacity for the New South Wales grid by 2028. It will focus on projects in Sydney, Newcastle, and Wollongong. ²⁰²
Philippines Department of Energy	The Philippines Department of Energy (DOE) has initiated a tender to integrate over 9.4 GW of new renewable energy capacity to enhance the country's clean energy infrastructure. This initiative involves the development of renewable power sources, including solar and wind, with some projects incorporating BESS to ensure reliability and efficiency. The supply contracts for winning projects will have a 20-year duration starting from the commercial operation date. Technical requirements mandate a minimum storage duration of four hours, an ESS inverter ratio of at least 0.2, and a round-trip efficiency of 85% or higher. ²⁰³

¹⁹⁶ <https://www.dominionenergy.com/about/delivering-energy/renewable-projects/solar-onshore-wind-and-energy-storage-proposals>

¹⁹⁷ <https://www.pv-magazine-india.com/2025/05/28/karnataka-launches-tender-for-250-mw-solar-project-with-250-mw-1100-mwh-battery-energy-storage-system/>

¹⁹⁸ <https://naema.com/lincoln-electric-system-spp-capacity-solicitation/>

¹⁹⁹ <https://energy.economictimes.indiatimes.com/news/power/government-approves-5400-cr-funding-for-30-gwh-battery-storage-to-boost-renewable-energy-infrastructure/121756430>

²⁰⁰ <https://www.energy-storage.news/south-korea-government-tenders-central-contracts-for-540mw-3240mwh-bess/>

²⁰¹ <https://solarquarter.com/2025/12/04/nvvn-issues-major-tender-for-125-mw-500-mwh-bess-project-to-boost-grid-stability-in-chhattisgarh/>

²⁰² <https://www.energy-storage.news/australias-new-south-wales-to-launch-500mw-firming-tender-to-address-grid-reliability-issues/>

²⁰³ <https://www.pv-tech.org/philippines-opens-tender-9-4gw-renewable-energy-storage/>

Off-Taker	Description
Portugal Ministry of Environmental and Energy	Portugal is set to initiate a competitive bidding process for 750 MVA of BESS prior to January 2026, within a wider € 400M initiative designed to enhance grid stability and avert future power outages. The announcement was delivered by Portugal's Ministry of Environment and Energy. ²⁰⁴
PSO	Public Service Company of Oklahoma (PSO) is issuing this 2026 All-Source RFP, targeting up to 4,000 MW of SPP accredited capacity through a combination of Purchase and Sale Agreements (PSA), PPA and Capacity Purchase Agreements (CPA). Generation resources must have an expected Commercial Operation Date (COD) by 11/30/2029, with requirement for resources located within Oklahoma. The generation resources may include but are not limited to renewables (wind, solar and battery storage) and thermal (natural gas-fired generation, hydrogen and other resources). Bids are due March 16, 2026. ²⁰⁵
RERC	The Rajasthan Electricity Regulatory Commission (RERC) has approved tariffs for a 500 MW / 1,000 MWh BESS project proposed by Rajasthan Rajya Vidyut Utpadan Nigam Ltd. (RRVUNL), which will be acquired through a competitive bidding process. Additionally, a green shoe option has been included for an extra 500 MW / 1,000 MWh capacity. This project will be implemented under the BOO framework and will receive Viability Gap Funding (VGF) from the central government. ²⁰⁶
Rubber Board	The Rubber Board has issued a tender for a 330 kW _p grid-connected solar power plant with a 55 kW BESS at its headquarters in Kottayam, Kerala. The tender seeks bids for a turnkey project, which includes the design, supply, installation, testing, and commissioning of the renewable energy system. This is a major project under the Ministry of Commerce & Industry. The Rubber Board has issued a tender for a 330 kWp grid-connected solar power plant with a 55 kW BESS at its headquarters in Kottayam, Kerala. The tender seeks bids for a turnkey project, which includes the design, supply, installation, testing, and commissioning of the renewable energy system. This is a major project under the Ministry of Commerce & Industry. ²⁰⁷
SECI	<ul style="list-style-type: none"> Solar Energy Corporation of India Limited (SECI) has invited proposals for the Balance of System (BoS) of a large BESS project in Nandiyal, Andhra Pradesh. The Nandiyal project has a planned capacity of 600 MW with 1,200 MWh of storage. It will operate as a standalone BESS project to provide firm and reliable support to the grid, particularly during peak hours when renewable power is less available.²⁰⁸ SECI has also started accepting bids to develop 1 GW/8 GWh, or an eight-hour pumped storage capacity resource aimed at providing large-scale, on-demand energy storage services to power distribution companies and other buying entities. Bidders may quote a minimum cumulative capacity of 100 MW / 800 MWh and a maximum of 1 GW/8 GWh, with all projects designed for eight hours of storage. Developers with existing or under-construction pumped storage projects and untied capacity are also eligible, with provisions for extended PPA tenures.²⁰⁹
SENI	The Dominican Republic has launched a tender for up to 600 MW of solar and wind capacity, requiring projects to include at least four hours of battery storage to support stability in the National Interconnected Electric System (SENI). The tender terms and bidding schedule will be announced in the months ahead. ²¹⁰
SJVN	SJVN Limited (formerly Satluj Jal Vidyut Nigam) is procuring energy storage on behalf of Haryana utilities with a capacity of 250 MW / 500 MWh BESS (2-hour duration). To participate in bidding, developers must submit an Earnest Money Deposit. ²¹¹

²⁰⁴ <https://www.reuters.com/sustainability/boards-policy-regulation/portugal-invest-466-million-boost-grid-management-battery-storage-after-outage-2025-07-28/>

²⁰⁵ <https://www.psoklahoma.com/business/b2b/energy-rfps/AllSource2026>

²⁰⁶ <https://energy.economictimes.indiatimes.com/news/power/rajasthan-erc-approves-tariff-for-1000-mwh-battery-energy-storage-system-project/121949470>

²⁰⁷

<https://etenders.kerala.gov.in/nicgep/app?component=%24DirectLink&page=FrontEndViewTender&service=direct&sp=SPM%2BliYc20eAtG9SKohMKrg%3D%3D>

²⁰⁸ <https://solarquarter.com/2025/08/21/seci-invites-bids-for-600-mw-1200-mwh-battery-storage-project-in-nandiyal-andhra-pradesh/>

²⁰⁹ <https://www.pv-magazine.com/2025/12/30/india-tenders-1-gw-of-pumped-storage-to-bolster-grid-scale-energy-storage/>

²¹⁰ <https://www.ess-news.com/2025/08/19/dominican-republic-tenders-up-to-600-mw-solar-wind-with-mandatory-storage/>

²¹¹ <https://solarquarter.com/2025/12/04/sjvn-invites-bids-for-250-mw-500-mwh-bess-under-vgf-scheme-in-haryana/>

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Off-Taker	Description
Spanish Ministry	The Spanish Ministry for Ecological Transition launched a tender to award up to 1,259 MW of synchronous power-generating modules and synchronous storage capacity. Applications will be chosen on a first-come, first-served basis. ²¹²
TPCL	Trincomalee Power Company Limited (TPCL), a JV between Sri Lanka's Ceylon Electricity Board (CEB) and India's NTPC Limited, is procuring PV+S with solar capacity of 50 MW _{ac} ground-mounted PV, and a minimum of 20 MW / 20 MWh BESS (1-hour duration). Bids are due February 18, 2026. ²¹³
Transgrid	Transgrid says it will seek to award contracts for more than 1 GW of grid-forming battery capacity in 2026, the first stage of a plan to engage 5 GW of battery capacity in the coming years. The first gigawatt of capacity is expected to be able to deliver its services by the middle of 2026, so these battery projects will need to be either already operating or in the commissioning process. More tenders will be held in subsequent years. ²¹⁴
Xcel Energy	In January 2026, Public Service Company of Colorado plans to launch the 2026 Dispatchable Distributed Generation (DDG) Request for Proposals (RFP), seeking proposals for DDG resources that provide capacity support through storage-paired renewable generation. Bids are due April 6, 2026. ²¹⁵

General News

United States

Illinois Mandates 3 GW Storage by 2030

Jan 9th: Illinois passed the Clean and Reliable Grid Affordability Act (CRGA) requiring 3 GW of grid-scale battery storage by 2030, expanding virtual power plants (VPPs), and supporting community/rooftop solar to lower costs and boost grid resilience, building on previous clean energy laws like the Climate and Equitable Jobs Act (CEJA).

Key Provisions of the CRGA include:²¹⁶

- **Energy Storage Mandate:** Mandates the Illinois Power Agency to procure 3 GW of energy storage by 2030.
- **Virtual Power Plants (VPPs):** Establishes programs to aggregate distributed resources (like rooftop solar, home batteries, EVs) to provide power to the grid.
- **Solar:** Promotes solar development, including community and rooftop solar, through new programs and incentives.
- **Nuclear:** Lifts the moratorium on new large nuclear reactor development.
- **Cost Reduction:** Aims to save Illinois residents billions on electricity bills over two decades.

Tesla Tops LDES Ranking Report

Jan 8th: Sightline Climate's H1 2026 LDES (Long-Duration Energy Storage) Leaderboard ranks global vendors of technologies capable of eight-hour or longer durations, evaluating them across four equally weighted categories: technology performance (e.g., round-trip efficiency, including auxiliary loads), financial profile (e.g., total capital mobilized via funding and project finance), deployment track record (e.g., post-FID project capacity in construction or operation, with a minimum threshold of >30 MW for inclusion), and economics (e.g., normalized fully-installed capex in \$/kW-yr, adjusted for asset lifetime and degradation). The methodology relies on vendor disclosures verified against public data (e.g., press releases, grants, regulatory filings), with scores based on

²¹² <https://weadapt.org/organisation/miteco/?tab=about>

²¹³

[https://www.psegliny.com/aboutpseglongisland/proposalsandbids/2025pjmrfp#:~:text=On%20September%2015%2C%202025%2C%20PSEG,%2C%20or%20\(ii\)%20Capacity%20Product](https://www.psegliny.com/aboutpseglongisland/proposalsandbids/2025pjmrfp#:~:text=On%20September%2015%2C%202025%2C%20PSEG,%2C%20or%20(ii)%20Capacity%20Product)

²¹⁴ <https://reneweconomy.com.au/network-giant-launches-australias-biggest-tender-for-grid-forming-batteries/>

²¹⁵ <https://co.my.xcelenergy.com/s/renewable/developers/2026-psco-rfp>

²¹⁶ <https://gov-pritzker-newsroom.prezly.com/gov-pritzker-signs-historic-clean-and-reliable-grid-affordability-act>

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volume-weighted averages of deployed projects to ensure comparability. Points are awarded for milestones such as reaching FID, improving pricing, and advancing technology, enabling dynamic movement on the leaderboard. Sightline tracks over 250 LDES vendors but focuses on those with verifiable, scaled progress. Their top rankings were as follows:²¹⁷

- Tesla (lithium-ion batteries) – Leads overall with strong scores across all categories; benchmark for efficiency and economics, bolstered by projects like an 8-hour BESS in Australia.
- Chint Power (lithium-ion batteries) – Close second (one point behind Tesla), matching on technology, finance, and deployments but differentiated slightly on economics; rise driven by projects like the 49 MW / 562 MWh Goulburn River Solar Farm in Australia.
- Energy Dome (CO2 battery, mechanical storage) – Highest non-lithium entrant; excels in round-trip efficiency and best-in-class capex, supported by two commercial post-FID projects (including a second-of-a-kind in India) and low regional costs.
- Highview Power (liquid air energy storage, mechanical) – Strong financing (including project finance) despite higher capex; advanced by large-scale post-FID projects like the 50 MW / 300 MWh in Manchester, UK.
- Hydrostor (advanced compressed air energy storage, A-CAES, mechanical) – Benefits from upcoming deployments like 200 MW / 1.6 GWh Silver City (Australia) and 500 MW Quinte (Ontario), positioning for potential jumps.

NFPA 855 Version 2026 New Additions

Jan 10th: NFPA 855 version 2026, released in September 2025, introduces several updates from the 2023 version, focusing on enhanced testing, detection, suppression, and hazard mitigation for large-scale ESS, particularly lithium-ion batteries. The 2026 version:

- Explicitly names and covers more battery chemistries, expanding beyond the 2023 focus on established types. New additions include hybrid supercapacitors, iron-air (aqueous), lithium metal, Ni-Fe, nickel-hydrogen, sodium sulfur, zinc-air (aqueous), zinc bromide, and zinc manganese dioxide (Zn-MnO₂).
- Hazard Mitigation Analysis is a default requirement for all installations, regardless of size.
- Large-scale fire testing (LSFT) is a default requirement in addition to UL 9540A
- Removes NFPA 68 (deflagration venting) as an option for explosion control, NFPA 69 now mandatory (this is different in the latest IFC 2024, which gives you the option of either)
- New requirements for Emergency Response Plans (ERP)

BESS Top 100 List

Jan 14th: PowerSwitch and SunCast Media recently published a Top 100 BESS Project listing. The largest project to date is still the Edwards & Sandborn project by Terra-Gen at 821 MW / 3,287 MWh. The complete listing can be found at www.BESS100.org.²¹⁸

²¹⁷ <https://www.sightlineclimate.com/research/lithium-ion-tops-sightline-climates-newly-released-ldes-leaderboards>

²¹⁸ <https://www.bess100.org/list>

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Rank	Developer	Project Name	Power	Energy
1	Terra-Gen	Edwards & Sanborn	821	3287
2	NextEra	Blythe / McCoy / Arlington (BAM)	812	3248
3	Calpine	Nova Power	680	2720
4	AGL/Neoen	Melton/Melbourne RE Hub	600	1600
5	Synergy	Collie	560	2240
6	NextEra	Desert Sunlight	530	2120
7	Saudi Electric	Bisha	500	2000
8	State Grid (China)	Kashgar	500	2000
9	Tongliao Conch New Energy Co., Ltd	Tongliao	500	2000
10	Saudi Electric	Khamis	500	2000

International

Germany's Storage Capacity Now Exceeds 25 GWh

Jan 31st: The German Solar Industry Association (BSW-Solar) reported that Germany's stationary energy storage capacity has exceeded 25 GWh with nearly 2.4 million systems in operation, reflecting a 5-fold increase over the last 5 years. In 2025, approximately 600,000 new systems totaling 6.5 GWh were installed, with large-scale BESS growing 60% to 3.7 GWh (per Fraunhofer ISE), commercial systems up 30%, and residential down 8%.²¹⁹

Portugal Gives CALB ~€ 350M in Incentives for Gigafactory

Jan 28th: the Portuguese government confirmed significant support, including ~€ 350M in incentives, for Chinese battery maker CALB's €2.07 billion gigafactory in Sines, granting it Project of National Interest (PIN) status for faster approvals and providing crucial grid-access support for its massive energy needs, aiming to establish Portugal as a key part of Europe's battery supply chain.²²⁰

Ukraine Eyes 3 GWh BESS in 2026

Jan 27th: Ukraine installed approximately 1.5 GW of solar power in 2025, with significant growth in co-located BESS amid electricity shortages and blackouts. The Solar Energy Association of Ukraine (SEAU) highlighted strong expansion in C&I and utility-scale segments, supported by VAT/import duty exemptions extended to 2028, concessional lending, and grant programs. Key drivers include the ancillary services market for frequency containment and restoration reserves, with expected >1.5 GW of solar and >3 GWh of BESS in 2026.²²¹

Germany Introduces New Instantaneous Reserve

Jan 26th: Germany launched a new market-based mechanism for instantaneous reserve on January 22, 2026, allowing inverter-based assets and BESS to participate for the first time, replacing traditional gas- and coal-fired

²¹⁹ <https://www.rechargenews.com/storage/german-battery-storage-capacity-increases-fivefold/2-1-1925987>

²²⁰ <https://www.portugalpathways.io/post/portugal-secures-eu3bn-in-investment---creating-thousands-of-new-jobs>

²²¹ <https://www.seau.org.ua/ukraine-deploys-1-5-gw-of-solar-in-2025>

plants. Transmission system operators (Amprion, 50Hertz, TenneT, TransnetBW) set prices in December 2025, with demand projections through 2030 including up to 259.9 GW-s negative reserve in TenneT's area. Products include base/premium with 30% or 90% availability, remuneration €76–€888.50 per MW-s per year, and potential IRR uplift up to 0.9 percentage points for optimized BESS.²²²

Two Battery Manufacturing Facilities Announced in India

Jan 25th: GoodEnough Energy has launched India's largest BESS gigafactory in Noida, Uttar Pradesh, with an initial 7 GWh capacity, a \$49.2M investment, and plans to scale to 25 GWh in three years to support India's renewable energy goals, reduce import reliance, and provide grid stability for sectors like manufacturing and EVs, aiming to cut significant CO2 emissions.²²³ Meanwhile, ChemVolt Global has entered into an agreement with the Andhra Pradesh government to build a 5 GWh lithium-ion cell manufacturing gigafactory. The initiative, backed by a \$273M investment, will roll out in stages: starting with a 1 GWh advanced cell line by the third quarter of 2027, followed by an expansion to full capacity by the second quarter of 2029. The plant will produce 314 Ah and 750 Ah prismatic lithium-ion cells tailored for grid-scale, heavy-duty electric vehicles, and commercial/industrial applications. Complementing this, ChemVolt has introduced new ESS offerings, including the Starlight Series (featuring 5.016 MWh DC and 9.16 MWh AC blocks in container formats with liquid cooling for four-hour durations) and the Titan Series (1.6 MWh AC and 2.5 MWh DC cabinets), designed for utility and C&I sectors.²²⁴

Battery Fault Causes Major Grid Disruption

Jan 20th: A fault during the final testing phase of Estonia's 100 MW / 200 MWh Kiisa battery storage facility on January 20, 2026, led to a major disruption in the power connections between Estonia and Finland. Located south of Tallinn, the incident caused the DC cables to fail, creating oscillations that shut down both EstLink 1 and EstLink 2 lines, resulting in a loss of almost 1 GW—about 20% of the Baltic area's winter power demand—and representing the worst grid issue since the region separated from Russia's electricity network. The problem stemmed from the battery system not meeting grid standards during setup, with grid operator Elering pointing to non-compliance, while developer Evecon blamed the equipment supplier, Nidec Conversion, for the testing error.²²⁵

Brazil Eyes Massive Storage Growth

Jan 16th: The Brazilian Association of Energy Storage Solutions (ABSAE) forecasts significant growth for Brazil's energy storage market, expecting over 2 GWh in commercial & industrial (C&I) installations by 2026 and anticipating around 8 GWh to be procured in an April 2026 auction for delivery from 2028, signaling a strong push towards gigawatt-scale battery deployment, driven by regulatory support and high demand for reliability. An auction in April 2026 aims to procure approximately 8 GWh of energy storage capacity, with projects expected to be delivered starting in 2028.

China On Track to Meet 2027 Energy Storage Goals

Jan 15th: China's cumulative power-sector energy storage capacity reached 213.3 GW by the end of 2025, a 54% year-on-year rise, driven by new-type storage (like batteries) making up nearly 70%, according to China Energy Storage Alliance (CNESA) data, with a significant shift towards independent, grid-connected storage projects. This achievement signifies China hit its 2027 target years early, with major growth in battery storage

²²² <https://www.netztransparenz.de/en/Ancillary-Services/Frequency-stability/Market-based-procurement-of-inertia-of-local-grid-stability>

²²³ <https://finance.yahoo.com/news/operations-begin-goodenough-energy-7gwh-091950609.html>

²²⁴ <https://www.latestly.com/agency-news/business-news-chemvolt-global-to-set-up-5-gwh-lithium-ion-cell-gigafactory-in-andhra-pradesh-inr-2500-crore-investment-planned-7282521.html>

²²⁵ <https://www.finanznachrichten.de/nachrichten-2026-01/67561136-testing-fault-at-100-mw-battery-disrupts-estonia-finland-power-link-451.htm>

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and increased deployment of longer-duration systems. Lithium-ion accounted for 67.9% followed by pumped hydro with 31.3% of the total.²²⁶

AEMO Q4 2025 Eyes Storage Growth – 8.6 GWh Added in 2025

Jan 15th: The Australian Energy Market Operator released its Q4 2025 report. Key findings included:²²⁷

- Household battery installations exceeded 145,000 by the end of Q4 2025, achieving a total NEM-wide storage capacity of 3,398 MWh, which is three times larger than the biggest fully commissioned grid-scale.
- Grid-scale batteries saw 3,796 MW / 8,602 MWh of new capacity added since Q4 2024, with 1,060 MW / 2,520 MWh starting commissioning in Q4 2025, including projects like Liddell (500 MW / 1,000 MWh in New South Wales), Limondale (50 MW / 400 MWh in New South Wales), Supernode (260 MW / 620 MWh in Queensland), and Swanbank (250 MW / 500 MWh in Queensland); total installed capacity approached 7,000 MW.
- Batteries accounted for 50% of approved grid connections over the past year and 46% of the connections pipeline (74% grid-forming), with 29.3 GW of battery capacity in the end-to-end process (up 64% YoY), including 21.5 GW grid-forming; 1.8 GW across nine projects advanced in commissioning, such as Melbourne Renewable Energy Hub (600 MW / 1.6 GWh) and Tarong BESS (300 MW / 600 MWh).
- Grid-scale battery discharge averaged 268 MW (nearly triple Q4 2024), setting a quarterly record, with peak discharge at 2,885 MW on December 29, 2025 (up 45% from Q3 2025); peak charging hit 2,834 MW on December 18, 2025 (up 88% from prior records).

Chile Approves 1 GWh BESS With 5 GWh Seeking Approval

Jan 13th: Chile approved the 500 MW / 1 GWh BESS project, with another 5 GWh project seeking approval, both co-located with solar in northern Chile. Projects include:²²⁸

- Huañil BESS (Limes Renewable Energy): A USD 188M, 200 MW / 1 GWh system in the Coquimbo region, approved in January 2026, with construction slated for March 2026 and completion by September 2027.
- Antofagasta Hybrid (Grupo Ibereólica): A huge project combining 1.2 GW solar with a 990 MW / 4,950 MWh BESS, currently in the permitting phase.
- Luz del Norte BESS (T-Power): A 141 MW / 722 MWh battery system to be added to an existing solar plant in the Atacama region, with contracts signed with Trina Storage, notes New Energy Events.

Spain Opens € 90M Funding for Pumped Hydro

Jan 12th: Spain launched a € 90M funding program in early 2026 to support innovative pumped hydro storage, aiming for 7 GWh of new capacity and roughly 1 GW of power by 2035, with grants up to € 50M per project to enhance grid stability and integrate renewables, funded via the Recovery Plan and ERDF. This initiative, under the BORALMAC program, complements other large-scale storage efforts, targeting regions like Andalusia, Valencia, and Galicia, and follows recent grid resilience concerns following a major Iberian blackout. Funding is capped at up to € 50M per project/entity, and projects must be completed by June 30, 2035.²²⁹

China's VAT Export Rebates Set to Drop in April

Jan 9th: China is scheduled to cut VAT export rebates for lithium-ion batteries from 9% to 6% in April 2026, with a full phase-out by January 2027. This is raising battery export costs for major players like CATL and BYD,

²²⁶ <https://en.cnesa.org/latest-news/2026/1/27/key-energy-storage-standards-to-watch-in-2026-highly-recommended-for-industry-reference>

²²⁷ https://www.aemo.com.au/-/media/files/major-publications/qed/2025/qed-q4-2025.pdf?rev=b29ae0bd014c48f59a259009d246280f&sc_lang=en

²²⁸ <https://www.energyglobal.com/electric-hybrid/02122025/limes-secures-approval-for-solar-storage-project-in-chile/>

²²⁹ <https://www.waterpowermagazine.com/news/spain-opens-second-e90m-tender-for-pumped-hydro-storage-under-recovery-plan/>

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intensifying price wars, boosting near-term exports, and increasing raw material demand, particularly lithium, while aiming to curb involutionary competition. The direct reduction in rebates increases manufacturers' costs, which they will likely pass on to overseas buyers, raising final prices. Manufacturers are accelerating shipments ahead of the April 2026 cut to lock in the higher rebate, thereby increasing immediate demand for batteries and lithium. The anticipated export rush drove up lithium carbonate prices in China.²³⁰

2026 Will Be a Watershed Moment in India for Energy Storage

Jan 7th: India's energy storage market is, in fact, experiencing a breakout year in 2026, primarily driven by a significant volume of projects from past tenders reaching the commissioning phase, with a projected tenfold increase in operational BESS capacity. Key Developments in 2026 include:²³¹

- **Operational Surge:** The year 2026 is a watershed moment as the industry shifts from an unprecedented tendering phase in 2025 (which saw 102 GWh of tenders issued) to large-scale execution and operational delivery.
- **Capacity Goal:** India's BESS capacity is expected to jump from approximately 507 MWh at the end of 2025 to around 5 GWh in 2026.
- **Tailwinds:** The growth is driven by national entities like the Solar Energy Corporation of India (SECI) and mandates from state utilities in Rajasthan and Bihar. The government is also providing support through a second tranche of Viability Gap Funding (VGF) worth INR 5,400 crore for 30 GWh of standalone BESS projects.

Greece Unlikely to Achieve Storage Goal on Time

Jan 2nd: Greece's ambitious 3 GW battery storage goal for 2030 faces significant hurdles, with only 100 MW connected by late 2025 despite auctions awarding over 900 MW, primarily due to grid congestion and permitting bottlenecks, leaving large installed capacities waiting for grid access and hindering the renewable energy transition. The country's rapid renewable growth outpaces grid upgrades, leading to curtailments, while developers await crucial regulatory clarity for market participation, even as new auctions are planned.²³²

Data Center News

- Jan 20th: Crow Holdings announced a 245 MW flagship data center campus in Central Dallas, Texas, U.S., developed by Crow Holdings Development in Dallas County. The project, announced on January 20, 2026, includes battery storage for resiliency. No financial amounts were detailed.²³³
- Jan 5th: Vantage Data Centers (Vantag), a leading global provider of hyperscale data center campuses, and Liberty Energy Inc. announced a strategic partnership to develop and deliver utility scale, high efficiency power solutions for Vantage's expanding portfolio in North America. Upon commissioning, these power solutions will be owned and operated by Liberty Power Innovations (LPI), a Liberty Energy company, providing long-term power services to support cloud and AI infrastructure for the world's largest tech companies. Under the agreement, Vantage and LPI will partner to deliver up to 1 GW of power agreements between LPI and end-users of Vantage's data centers within the next five years, including a reservation of 400 MW of 2027 power generation capacity, as well as future expansion potential beyond 1 GW.²³⁴

²³⁰ <https://uniross.com/china-scrap-vat-export-rebates-on-batteries-what-it-means-for-global-markets/>

²³¹ <https://www.batteriesinternational.com/2026/01/09/india-set-for-10-fold-bess-capacity-increase-in-2026/>

²³² <https://theelectricityhub.com/greece-to-add-3gw-energy-storage-by-2030/>

²³³ <https://www.businesswire.com/news/home/20260120363268/en/Crow-Holdings-Announces-245MW-Flagship-Data-Center-Campus-in-Central-Dallas>

²³⁴ <https://www.businesswire.com/news/home/20260104200386/en/Vantage-Data-Centers-and-E-Energy-Announce-Strategic-Partnership-to-Develop-and-Operate-One-Gigawatt-of-Power-Solutions-for-Next-Generation-Data-Centers> <https://www.vantage-dc.com/vantage-data-centers-and-e-energy-announce-strategic-partnership>

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Hydrogen News

United States

Michigan Governor Signs Executive Order on Natural Hydrogen Exploration

Jan 16th: Michigan governor Gretchen Whitmer signed an executive order directing state agencies to evaluate the legal, environmental, infrastructure, and economic implications of exploring naturally occurring geologic hydrogen, describing Michigan as a potentially promising region for the resource. State departments must submit reports by Apr 1st covering permitting authority, environmental impacts, reuse of existing oil and gas infrastructure, leasing of state-owned subsurface rights, job creation, and whether current energy infrastructure can safely handle hydrogen.²³⁵

US Government Sued over Silence on Funding Cuts to Clean Energy Projects, Including Hydrogen Hubs

Jan 12th: The Natural Resources Defense Council has sued the US Department of Energy, alleging a lack of transparency over decisions to cut billions of dollars in clean energy funding, including support for two Regional Clean Hydrogen Hubs. The lawsuit follows two unanswered Freedom of Information Act requests seeking details on how projects were reviewed after funding was paused. The DOE has withdrawn promised subsidies for multiple projects, including the California ARCHES hub and the Pacific Northwest Hydrogen Hub, after a review ordered by the Trump administration. The NRDC is asking the court to compel the release of records explaining how these funding decisions were made.²³⁶ Separately, a federal judge ruled that the Department of Energy acted illegally when it canceled \$7.6 billion in clean energy grants last October.²³⁷

World Energy GH2 Shelves Gigawatt Scale Project in Eastern Canada

Jan 8th: US-based developer World Energy GH2 has shelved its 1.2 GW Project Nujio'qonik green hydrogen and ammonia development in Newfoundland and Labrador after failing to secure offtake agreements. The project was planned in two 600 MW phases supported by 2 GW of dedicated onshore wind. The company has instead pivoted toward a new venture, Clean Grid Atlantic, which would use the planned wind capacity to export electricity to other eastern Canadian provinces. World Energy GH2 said clean hydrogen is not currently viable in today's market, despite remaining confident it could play a role in the future.²³⁸

International

EU Awards €177m to Eight Cross-Border Hydrogen Infrastructure Projects

Jan 28th: The European Commission has committed € 650M from the Connecting Europe Facility for Energy to 14 cross-border energy infrastructure projects, with € 176.65M allocated to eight hydrogen-related developments. This marks the first time CEF funding has been awarded to construction works on a hydrogen project rather than being limited to pre-construction feasibility studies. The largest award of € 120.11M goes to RWE's Gronau-Epe hydrogen storage facility in Germany, supporting a second expansion phase scheduled for 2027 to 2030. The remaining seven hydrogen-related projects, including Uniper's Wilhelmshaven ammonia import terminal and national hydrogen pipeline initiatives in Austria, Bulgaria, and Slovakia, will receive funding for feasibility studies. The Commission said the projects support energy security, cross-border market integration, and long-term decarbonization objectives.²³⁹

UK National Wealth Fund Commits £5.8bn to Low-Carbon Hydrogen, CCUS and Green Steel

Jan 28th: The UK government-owned National Wealth Fund has published a new five-year strategic plan targeting more than £100 billion of total investment across the UK economy. Of this, £5.8 billion is earmarked for priority sectors including low-carbon hydrogen, carbon capture usage and storage, green steel, ports, and battery manufacturing. The plan marks a shift from the fund's earlier emphasis on green hydrogen to a broader focus on low-carbon hydrogen, explicitly including blue hydrogen. The strategy highlights industrial clusters in North-West England, Grangemouth, the Humber, and Wales,

²³⁵ <https://www.michigan.gov/whitmer/news/press-releases/2026/01/15/whitmer-signs-executive-directive-to-explore-clean-energy-resources>

²³⁶ <https://www.hydrogeninsight.com/policy/us-government-sued-over-silence-on-funding-cuts-to-clean-energy-projects-including-hydrogen-hubs/2-1-1925829>

²³⁷ <https://pv-magazine-usa.com/2026/01/13/court-rules-trump-administration-funding-cut-to-clean-energy-projects-unlawful/>

²³⁸ <https://www.hydrogeninsight.com/production/world-energy-gh2-shelves-gigawatt-scale-project-in-eastern-canada/2-1-1924447>

²³⁹ <https://www.euronews.com/my-europe/2026/01/28/eu-invests-650-million-in-cross-border-hydrogen-and-electricity-infrastructure-projects>

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where blue hydrogen is expected to dominate in the short to medium term. HyNet North-West and the East Coast Cluster are identified as priority areas for both hydrogen and CCUS investment. The fund expects to mainly provide debt and guarantees, aligning investments with government-backed schemes such as the Hydrogen Allocation Rounds. The National Wealth Fund estimates the strategy could support more than 200,000 jobs and avoid up to 500 million tons of CO₂ emissions by 2050.²⁴⁰

EU Drafts ‘Made in Europe’ Rules for Electrolysers Used in Green Hydrogen Projects

Jan 27th: The European Commission is preparing new “Made in Europe” requirements for electrolysers used in subsidized green hydrogen projects, according to a leaked draft of the Industrial Accelerator Act. The proposal would require electrolysers and stacks used in projects supported by EU or member-state subsidies, including European Hydrogen Bank auctions, to be assembled in the EU or European Economic Area, with at least two additional key components also originating within the bloc. The rules would apply to auctions launched more than one year after the legislation enters into force. However, the draft includes several carve-outs that could significantly limit its impact. The requirements would apply to only 50% of auctioned subsidies per member state and could be waived if EU-made components are more than 25% more expensive, technically incompatible, unavailable, or risk delaying a project. While the proposals go beyond existing limits on Chinese-sourced components, they stop short of introducing full lead-market procurement rules for electrolysers, instead relying on partial non-price criteria and broad exemptions.²⁴¹

Nine European Countries Agree to Cooperate on Offshore Green Hydrogen in the North Sea

Jan 27th: The governments of nine European countries have signed the Joint Offshore Wind Investment Pact for the North Seas, committing to closer coordination on offshore energy development, including enabling offshore green hydrogen production. Signatories include Belgium, Denmark, France, Germany, Ireland, Luxembourg, the Netherlands, Norway, and the UK, with a shared target of installing 300 GW of offshore wind capacity in the North Sea by 2050 and developing frameworks for joint support of cross-border energy infrastructure. While the pact is primarily aimed at accelerating offshore wind deployment, it also mandates electricity and hydrogen transmission system operators to coordinate offshore network planning. Industry stakeholders signing the agreement committed to broader cooperation on offshore hydrogen, including assessing the future role of offshore electrolysers and hydrogen-ready HVDC converter stations. The agreement reflects growing interest in using large scale offshore wind resources to support future green hydrogen supply, although offshore electrolysis remains unproven at commercial scale.²⁴²

Repsol Takes FID on Second 100 MW Green Hydrogen Project in Spain

Jan 26th: Repsol has taken final investment decision on a 100 MW green hydrogen project at the Petronor refining complex in Bilbao. The project is expected to cost € 292M, with € 160M of support from the Spanish government under the Important Project of Common European Interest scheme. The facility will displace grey hydrogen currently used in refining operations and is scheduled for commissioning by 2029. The Bilbao project will produce around 15,000 tons per year of renewable hydrogen, primarily for use at the Petronor site, with some volumes supplied to nearby industrial users. This marks Repsol's second 100 MW green hydrogen FID in Spain following its Cartagena refinery project approved in September last year. The company is also developing a 10 MW electrolyzer at the port of Bilbao for an e-fuels pilot plant and is planning a 150 MW project in Tarragona with an investment decision expected in the coming months.²⁴³

AES Abandons \$10bn Green Hydrogen and Ammonia Project in Chile

Jan 26th: AES has scrapped plans for its proposed \$10B INNA green hydrogen and ammonia project in Chile, opting instead to prioritize renewable power and energy storage development in the country. The project would have included 1.7 GW of solar and 534 MW of wind capacity to produce more than 217,000 tons of green hydrogen per year, with construction previously slated to begin in 2027. The decision follows sustained criticism from the scientific community over the project's proximity to the Paranal observatory in the Atacama desert, due to concerns over light pollution. AES Andes said the move reflects a strategic shift directed by its parent company rather than a rejection of green hydrogen's long-term potential in

²⁴⁰ <https://www.reuters.com/sustainability/climate-energy/uks-national-wealth-fund-targets-carbon-capture-batteries-hydrogen-drive-growth-2026-01-28/>

²⁴¹ <https://www.reuters.com/sustainability/eu-plans-made-europe-rules-public-purchases-green-tech-2026-01-19/>

²⁴² <https://www.bbc.com/news/articles/cp372d37gxgo>

²⁴³ <https://www.repsol.com/en/press-room/press-releases/2026/repsol-installs-second-100-MW-electrolyzer-petronor/index.cshtml>

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Chile, where no large-scale hydrogen projects have yet reached final investment decision despite strong renewable resources.²⁴⁴

Developers of Planned 2,500 km Nordic-Baltic Hydrogen Pipeline Issue Call for Interest

Jan 21st: The Nordic-Baltic Hydrogen Corridor (NBHC) initiative has launched a call for interest to gather market input on a proposed approximately 2,500 km hydrogen pipeline linking Finland to Germany via Estonia, Latvia, Lithuania and Poland. The project is led by six gas transmission system operators, Gasgrid, Elering, Conexus Baltic Grid, Amber Grid, Gaz-System and Ontras, and is intended to transport compressed renewable hydrogen across Northern and Central Europe. The project received EU Project of Common Interest status in 2023 and secured € 6.8M from the Connecting Europe Facility in Feb 2025 to support feasibility work. A pre-feasibility study completed in Sept 2024 estimated the corridor could transport up to 2.7 million tons of renewable hydrogen per year. The call for interest is open until Mar 31st, 2026, with responses expected to inform technical and commercial design and potentially lead to non-binding letters of intent. Feasibility studies are expected to conclude in early 2027, with commissioning targeted around 2033.²⁴⁵

EU Signs Off on Final Contracts for 6 Winners from Second European Hydrogen Bank Auction

Jan 20th: The European Commission has formally signed grant agreements totaling € 270.6M for six projects selected in the second European Hydrogen Bank auction, concluding the negotiation phase. While 15 projects totaling 2.2 GW of electrolyzer capacity were initially selected, only six projects with a combined capacity of 355 MW ultimately reached signed agreements, with significant attrition during negotiations. More than half of the original winners dropped out due to factors including infrastructure delays, uncertainty around how EU renewable hydrogen targets for transport and industry would be transposed into national law, and difficulty providing the required completion guarantee equal to 8% of the grant value. Projects that exited included SolWinHy Cadiz by Viridi, H2LZ by Ignis, Gen2-LH2 by Gen2 Energy, and TordesillasH2 by Elawan Energy, while new additions included Iberdrola's 120 MW Noon project and Diverxia Infraestructuras' 5 MW GH2Move-VLC project. Separately, Spain, Austria, and Lithuania have allocated € 836M through the auctions-as-a-service program to support projects that were unsuccessful at the EU level.²⁴⁶

India's near-2 GW Green Hydrogen Project Officially Begins Construction

Jan 19th: Indian developer AM Green has officially begun construction on its large-scale green hydrogen and ammonia facility in Kakinada, eastern India, after laying the project's foundation stone. Once fully built, the project will reach 1.95 GW of electrolyzer capacity, making it the largest green hydrogen project in India and potentially the second-largest globally. The facility is designed to produce around 1.5 million tons of green ammonia per year. AM Green previously secured 1.3 GW of electrolyzer capacity from John Cockerill in 2024 and has now confirmed the expanded scale. The first 640 MW phase is expected to start producing ammonia for export to Europe as early as 2028, with full completion targeted by 2030. The project will leverage existing ammonia production and port infrastructure at Kakinada, draw on 7.5 GW of renewable power, and use 2 GW of pumped storage capacity. German utility Uniper has already signed a binding agreement to purchase 500,000 tons of ammonia per year from the facility, which is structured to meet EU renewable fuels of non-biological origin requirements.²⁴⁷

Hygen Acquires HyBont Hydrogen Project in Wales

Jan 16th: The 5 MW HyBont green hydrogen project in Wales has been sold by Marubeni to Oxford-based Hygen Energy and has now formally signed its government subsidy contract, becoming the final project from the UK's first Hydrogen Allocation Round to do so. HyBont was originally awarded support in Dec 2023 under the Contracts-for-Difference-style scheme designed to bridge the cost gap between green and grey hydrogen. The project remains at an early stage of development and had previously been paused after the UK Health and Safety Executive raised concerns over hazardous substances consent, prompting a revised proposal with lower on-site hydrogen storage. Hygen Energy is part of the HydrAB

²⁴⁴ <https://www.aesandes.com/en/press-release/aes-andes-focus-renewables-and-storage-discontinues-green-hydrogen-development>

²⁴⁵ <https://www.hydrogeninsight.com/innovation/developers-of-planned-2-500km-nordic-baltic-hydrogen-pipeline-issue-call-for-interest/2-1-1931965>

²⁴⁶ <https://www.hydrogeninsight.com/policy/eu-signs-off-on-final-contracts-for-six-winners-from-second-european-hydrogen-bank-auction/2-1-1931080>

²⁴⁷ <https://www.h2-view.com/story/am-green-breaks-ground-on-huge-indian-green-hydrogen-based-ammonia-plant/2136728.article#:~:text=AM%20Green%20breaks%20ground%20on%20huge%20Indian%20green%20hydrogen%2Dbased%20ammonia%20plant,-By%20Charlie%20Currie&text=AM%20Green%20has%20broken%20ground,first%20production%20by%20mid%202027.>

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Group, which also owns Wrightbus and Ryze, and is already developing the Bradford Hydrogen project, another HAR1 awardee.²⁴⁸

Federal Court Suspends License for 3 GW Green Hydrogen Project in Brazil

Jan 15th: A Brazilian federal court in the state of Piauí has suspended the environmental license for Solatio's 3 GW green hydrogen and ammonia project in Parnaíba, ordering all work to halt after ruling that state authorities acted unlawfully when approving the project. The court found the license was granted without required federal authorization for large-scale water use from the Parnaíba river and without proof of viable grid access. Solatio has confirmed it has suspended all project activities and is now evaluating alternatives, including downsizing the development or reconfiguring the site as a hyperscale data center. Federal agencies have been ordered to provide further technical assessments, and without federal approval on water and grid viability, the project cannot proceed as planned, putting the future of what was expected to be Brazil's largest green ammonia facility in doubt.²⁴⁹

German Utility Uniper Agrees to Buy 500,000 Tons a Year of Green Ammonia from Indian Project

Jan 12th: German utility Uniper has signed a binding offtake agreement to purchase 500,000 tons per year of green ammonia from AM Green's project in Kakinada, India. The facility reached final investment decision in Aug 2024 and is being developed in two 640 MW phases, with first shipments to Europe targeted as early as 2028. The agreement covers ammonia certified as a renewable fuel of non-biological origin under EU rules, with AM Green having secured pre-certification. The deal establishes a large-scale green ammonia supply link between India and Europe and supports Uniper's strategy to secure long-term access to renewable molecules.²⁵⁰

Chinese Manufacturer Longi Delivers First Electrolyzer to a Green Hydrogen Project in Europe

Jan 8th: Chinese electrolyzer manufacturer Longi has delivered its first electrolyzer system to a green hydrogen project in Europe, marking its initial entry into the European market. The company has not disclosed the project location or customer, but confirmed the unit has 5 MW of capacity and uses alkaline technology. Longi said the electrolyzer complies with EU CE standards, allowing it to be traded and deployed within the European Economic Area. The delivery comes as Europe tightens rules on electrolyzer sourcing while remaining a key demand center for green hydrogen equipment ahead of 2030 targets. The EU has already implemented a 25% limit on Chinese electrolyzers for projects bidding into the European Hydrogen Bank subsidy auction.²⁵¹

²⁴⁸ <https://hybont.co.uk/hygen-acquires-hybont-low-carbon-hydrogen-project-in-wales/>

²⁴⁹ <https://www.hydrogeninsight.com/production/federal-court-suspends-license-for-massive-3gw-green-hydrogen-project-in-brazil-and-orders-work-to-stop/2-1-1928731>

²⁵⁰ <https://www.uniper.energy/news/uniper-and-am-green-sign-long-term-offtake-agreement-for-up-to-500000-tons-per-year-of-renewable-ammonia-from-india>

²⁵¹ <https://www.metal.com/en/newscontent/103715339>

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Upcoming Conferences


2026	EVENT
January 5-6, 2026	IEEE Electrical Energy Storage Applications and Tech – Tucson, AZ
January 12-14, 2026	Infocast Projects & Money 2026 – New Orleans, LA
January 20-22, 2026	Powergen International 2026 – San Antonio, TX
January 22-23, 2026	Novogradac 2026 New Markets Tax Credit Conference – San Diego, CA
January 27-28, 2026	RE+ Hawaii 2026 – Honolulu, Hawai'i
January 28–29, 2026	Solar & Storage Live Thailand 2026 – Bangkok, Thailand
February 2-5, 2026	Distributtech 2026 – San Diego, CA
February 3-4, 2026	Solar Media Solar Finance & Investment Europe 2025 – London, UK
February 3-5, 2026	RE+ Northeast - Boston, MA
February 10-12, 2026	ERCOT Summit 2025 – Austin, TX
February 11-12, 2026	CREA Operators Summit – Toronto, Canada
February 18-20, 2026	Intersolar / Energy Storage North America 2026 – San Diego, CA
February 24-25, 2026	Energy Storage Summit 2026 – London, UK
March 2-4, 2026	2026 COSSA Solar Power Energy Storage Mountain West – Denver, CO
March 3-5, 2026	Solar Power Africa 2026 - Cape Town, South Africa
March 4-6, 2026	ACP Operations, Maintenance & Safety Conference 2025 – Orlando, FL
March 10-11, 2026	Informa PV CellTech Europe – Frankfurt, Germany
March 10-11, 2026	Solar Media PV CellTech Europe 2026 – Frankfurt, Germany
March 11-12, 2026	RE+ Microgrids 2026 – Houston, TX
March 11-12, 2026	RE+ Texas 2026 – Houston, TX
March 12-13, 2025	Energy Storage Show – Birmingham, UK
March 15-18, 206	Infocast Solar Wind Finance and Investment 2025 – Phoenix, AZ
March 17-18, 2026	Energy Storage Summit Australia 2026 – Sydney, Australia
March 18-19, 2026	Solar & Storage Live Queensland 2026 – Brisbane, Australia
March 24-25, 2026	Solar Media Large Scale Solar USA – Dallas, Texas
March 24-25, 2026	Solar Media Energy Storage Summit USA 2026 – Dallas, TX
March 25-26, 2026	RE+ Cono Sur 2026 – Santiago, Chile
March 25-27, 2026	Solar & Storage Live Africa 2026, Johannesburg, South Africa
March 30–April 1, 2026	ACP Siting & Permitting Conference 2026 – Aurora, CO
March 31-April 1, 2026	RE+ Southeast - Atlanta, GA
March 31, 2026	ERCOT Innovation Summit - Round Rock, TX
April 1-3, 2026	Energy Storage International Conference and Expo (ESIE 2026) – Beijing, China
April 6-7, 2026	Solar & Storage Live Egypt 2026 – New Cairo, Egypt
April 7-9, 2026	Middle East Energy (MEE 2026) – Dubai, UAE
April 8-9, 2026	Solar & Storage Live Malaysia 2026 - Kuala Lumpur, Malaysia
April 14-16, 2026	Infocast California Clean Energy Summit 2026 – San Diego, CA
April 14-16, 2026	RE+ Mexico - Jalisco, Mexico
April 14-16, 2026	Infocast New York Energy Summit – Albany, NY
April 15-16, 2026	Solar Media Large Scale Solar Europe – Milan, Italy
April 15-16, 2026	RE+ Africa - Kigali, Rwanda
April 20-23, 2026	Data Center World – Washington, D.C.
April 22-23, 2026	The Battery Show South – Charlotte, NC
April 27-28, 2026	NPM US Power & Data Center Development Forum – New York, NY
April 28-29, 2026	Intersolar Brasil Nordeste - Fortaleza, Brazil
April 29-30, 2026	Solar & Storage Live London 2025 – London, UK
April 29-30, 2026	Wood Mackenzie Solar & Energy Storage Summit 2026 – Denver, CO
April TBD, 2026	RE+ Eastern Europe – TBD, Europe
April TBD, 2026	Renewables Energy Revenues Summit USA 2026 – Dallas, TX
April TBD, 2026	NPM Development & Finance Conference 2026 – TBD
May 5-6, 2026	Infocast Tax Credits & Transferability 2026 – TBD, Texas
May 11-12, 2026	Reuters SMR & Advanced Reactor 2026 – Houston, TX
May 13-14, 2026	All Energy UK – Glasgow, UK
May 13-15, 2026	China International Battery Fair (CIBF2026) - Shenzhen, China
May 14-15, 2026	Novogradac 2026 Spring Renewable Energy Tax Credits – San Diego, CA
May 19, 2026	NPM European Development & Finance Forum 2026 – Hamburg, Germany

May 19-20, 2026	Solar & Storage Live Philippines 2026 – Manila, Philippines
May 19-20, 2026	Solar Media Renewables Procurement & Revenue Summit – London, UK
May 20, 2026	RE+ Portugal, Porto, Portugal
May 20-21, 2026	Hawaii Energy Conference – Maui, Hawaii
May 27-28, 2026	Solar + Storage España 2026 - Valencia, Spain
June 1-4, 2026	Clean Power 2026 – Houston, TX
June 2-4, 2026	RE+ South Africa - Johannesburg, South Africa
June 9-10, 2026	Solar & Storage Live Middle East 2026 – Dubai, UAE
June 9-11, 2026	Informa Battery Show Europe 2026 - Messe Stuttgart, Germany
June 15-17, 2026	Intersolar & Energy Storage North America (IESNA) Midwest – Rosemont, IL
June 16-17, 2026	Infocast Energy Storage Finance & Investment 2026 – San Diego, CA
June 16-17, 2026	Solar Media PV ModuleTech USA – Napa, USA
June 16-18, 2026	Infocast Transmission & Interconnection Summit 2026 – Washington, D.C.
June 23-24, 2026	Reuters Global Energy Transition 2026 – New York, NY
June 23-25, 2026	Electrical Energy Storage 2025 – Munich, Germany
June 23-25, 2026	Intersolar Europe 2025 – Munich, Germany
June 30-July 1, 2026	Solar Media Clean Power 2030 Summits – London, UK
July 8-9, 2026	Solar & Storage Live Vietnam 2026 - Ho Chi Minh City, Vietnam
July 14-16, 2026	Infocast PowerUp Data Centers Texas 2026 – TBD, Texas
July 14-15, 2026	Solar & Storage Live Nigeria 2026 – Lagos, Nigeria
July TBD, 2026	Infocast Midcontinent Energy Summit 2026 – Indianapolis, IN
July TBD, 2026	CARILEC Engineering & Procurement Conference – TBD, Caribbean
August 12-13, 2026	RE+ Mid-Atlantic, Philadelphia, PA
August 25-27, 2026	ees / Intersolar South America 2025 - São Paulo, Brazil
August 26-27, 2026	Solar & Storage Live Kenya 2026 – Nairobi, Africa
August 26-27, 2026	Battery Asset Management Summit Australia 2025 – Sydney, Australia
August TBD, 2026	Smarter E South America - São Paulo, SP, Brazil
September 1-2, 2026	Infocast Texas Clean Energy – Austin, Texas
September 1-3, 2026	Infocast PowerUp Data Centers Northwest 2026 – TBD, Oregon
September 1-3, 2026	Informa InterSolar Mexico – Mexico City, Mexico
September 1-3, 2026	ees Mexico 2025 – México City, Mexico
September 9-10, 2026	Infocast Mountain West Renewables 2026 – Salt Lake City, UT
September 15-16, 2026	Solar Media Energy Storage Summit Germany – Berlin, Germany
September 16-17, 2026	Solar & Storage Live Zurich 2026 – Zürich, Switzerland
September 22-24, 2026	Solar & Storage Live UK 2026 – Birmingham, UK
September TBD, 2026	Energy Storage Canada 2026 – TBD, Canada
September TBD, 2026	Large Scale Solar Southern Europe 2026 – TBD, Europe
October 1-3, 2026	Infocast Energy Independence 2026 – Houston, Texas
October 6-7, 2026	Energy Storage Summit Central Eastern Europe – Warsaw, Poland
October 6-7, 2026	PV CellTech USA 2026 – San Francisco, CA
October 7-8, 2026	Solar & Storage Live Italia 2026 – Veronafiere, Italy
October 9-11, 2026	SNEC Energy Storage and Battery Expo 2026 – Shanghai, China
October 12-15, 2026	The Battery Show North America 2025 – Detroit, MI
October 13-14, 2026	Energy Storage Summit Latin America 2026 – Santiago, Chile
October 19-21, 2026	Electricity Transformation Canada – Toronto, Canada
October 20-21, 2026	Solar & Storage Live Cape Town 2026 – Cape Town, South Africa
October 20-21, 2026	Solar Media Solar & Storage Finance USA Summit 2026 – New York, NY
October 23-25, 2026	Solar & Storage Live KSA 2026 - Riyadh Front, Saudi Arabia
October 27-29, 2026	Infocast Southeast Renewable Energy 2026 – Charlotte, NC
October 27-28, 2026	Intersolar Summit Brasil Sul - Porto Alegre, Brazil
October 29-29, 2026	All Energy Australia 2026 – Melbourne, Australia
October TBD, 2026	Energy Storage Summit Asia 2026 – TBD, Asia
October TBD, 2026	Reuters Energy Transition Europe 2026 - UK
October TBD 2026	Reuters Energy Asia 2026 - Singapore
October TBD, 2026	CARILEC Conference and Exhibition 2026 – TBD, Caribbean
October TBD, 2026	Battery Asset Management Summit UK & Ireland 2025 – TBD, Europe
November 5-6, 2026	Novogradac 2026 Fall Renewable Energy Tax Credits – Washington, D.C.

November 16-19, 2026	RE+ 2026 – Las Vegas, Nevada
November 16-19, 2026	Green Transportation Summit & Expo – Las Vegas, NV
November 18-19, 2026	Intersolar & Energy Storage North America Texas - Grapevine, Texas
November TBD, 2026	Solar Media Battery Asset Management Summit – TBD, CA
November TBD, 2026	Large Scale Solar Central Eastern Europe – TBD, Europe
December TBD, 2026	Reuters Energy LIVE 2026 – TBD, Texas
December TBD, 2026	RE+ Community Energy 2026 - TBD
December TBD, 2026	Informa PV ModuleTech Europe 2026 – TBD, Europe
December TBD, 2026	Battery Asset Management Summit Europe 2026 – TBD, Europe
December TBD, 2026	RE+ Midwest 2026 - TBD
December TBD, 2026	Informa PV ModuleTech Europe 2026 – TBD, Europe

Fractal Energy Storage Consultants

Fractal is a specialized energy storage consulting and engineering firm that provides expert consulting, independent engineering, and advisory services for energy storage and hybrid projects.



EXPERT MODELING

RFP SERVICES

CONTRACT SUPPORT

DUE DILIGENCE

BUY-SIDE ADVISORY

SELL-SIDE ADVISORY

ENGINEERING SERVICES

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EXPERT ENERGY STORAGE CONSULTING ENGINEERING & ADVISORY

KEY SERVICES

Financial Analysis

- Project Lifetime Investment Analysis
- Cost Analysis and Benchmarking
- Revenue Analysis and Benchmarking
- Seller Model Preparation
- Feasibility Studies
- Bankability Analysis
- Power Market Pricing Assessment
- RFP Offer Preparation
- Long-Term Power Market Forecasts

Expert Contract Support

- Turnkey Form of Agreement Preparation (Supply, SLA, Turnkey EPC, EPC, PPA, Full Toll, Virtual Toll, ESSA, Warranty)
- Technical Exhibit Preparation or Review (DOR, Scope, EMC/MPC/SCADA, Technical Specifications, Test Plans, Performance Guarantees)
- Negotiation Support (Supply, SLA, Turnkey EPC, EPC, PPA, Full Toll, Virtual Toll, ESSA, Warranty)
- Availability, PFG, LDs, and Caps

M&A Services

- Arrange and Lead Competitive Sales Processes for Assets and Equipment
- Buy-side and Sell-side Representation
 - Development and Operational Assets and Platform Advisory Services

Due Diligence Services

- Financial, Technical, and Commercial Due Diligence Review to Support Investment, Finance, M&A, and Tax Equity Transactions

Independent Engineering Services

- Independent Engineer Review and Report
- Fatal Flaw Analysis
- Technology Assessment
- Energy Production Review
- Cost Estimation and Critical Path Schedule Development
- Commissioning Test Plan Development
- Commissioning Witness/Certification
- Annual Performance Verification
- Technical Dispute Resolution
- Fire Safety Review
- SLD and Site Layout Preparation
- 30%, 60%, IFP, IFC Design / Drawing Review

Procurement Support

- Procurement Strategy Advising
- RFP Package Drafting
- Bid Evaluation and Scoring

Market Analysis

- ISO/RTO Market Analysis
- Development Roadmap / Go-to-Market
- Energy Storage Trends
- Custom Topic Whitepapers

FRACTAL MODEL TECHNOECONOMIC MODELING SOFTWARE

BANKABLE BATTERY STORAGE AND HYBRID DESIGN AND ANALYSIS TOOL

V25.12 RELEASED IN DECEMBER 2025 - SCHEDULE A DEMO

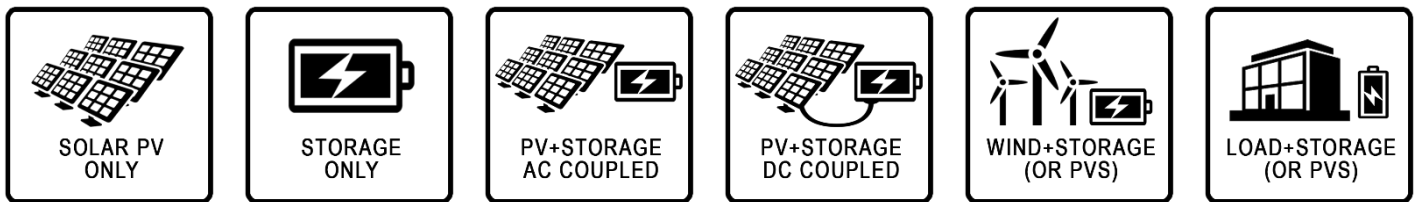


STANDALONE STORAGE OR HYBRID SYSTEM ANALYSIS

The Fractal Model is a bankable, techno-economic modeling tool used for project development, due diligence, and RFP evaluation. Used by hundreds of companies globally, the Fractal Model provides investment-grade analysis while simulating performance, degradation, warranty, costs, and revenues to optimize the economics of your energy storage and hybrid projects.

The Fractal Model platform is a cloud-based solution and is available through a license with quarterly updates. The Fractal Model is used by electric utilities and tier-1 energy companies (developers, EPCs, integrators) to perform battery storage sizing, dispatch, and financial analysis. Fractal Model strives to be the energy market's choice for transparent, real-world storage investment analysis.

Contact Rahul Verma (rahul@fractalba.com) for a demo.



Fractal Model v 25.12 Key Updates Include:

1. Fractal Model API:
 - Python API to run Fractal Model
 - Run tens of models in parallel
 - Bypass Microsoft Store
2. Dynamic Ancillary Services
 - Set discharge/charge direction for reserves
 - Set custom throughput price for all ancillary services
3. Co-incident Peak Discharge
 - Dynamic continuous and discrete hour ranges for CP windows

Not for redistribution.

Subscribe to our monthly newsletter at <https://www.energystorageconsultants.com/fractal-newsletter/>

SUPPORTED USE CASES AND CONFIGURATIONS

STANDALONE OR HYBRID PROJECTS

- Standalone BESS
- Solar PV (AC and DC Coupled)
- Wind
- Load
- Gas

REVENUE SOURCES

- ISO/RTO Market Participation
- PPAs and Tolling Contracts
- Retail Energy and Demand Charge Offsets

BESS APPLICATIONS

- Wholesale Power and Ancillary Services
- Renewable Energy Shifting
- Load Following and Peak Shaving
- Capacity Market Obligations
- Solar PV Smoothing and Firming
- Curtailment Reduction
- Solar PV Clipped Energy Recapture

WHOLESALE MARKETS

- Built-in Functionalities for all North American Markets
- Customizable for European and Asia Pacific Markets

INVESTMENT-GRADE ANALYSIS FOR SELLER MODELS OR DUE DILIGENCE

Fractal Model's financial model generates detailed cash flow results used for investment analysis worldwide. Fractal Model supports tax equity cash flow, back leverage, construction loans, and other advanced financial model features. Users can perform sensitivity analysis by changing annual escalators for capacity payments, arbitrage revenue, ancillary revenue, warranty costs, aux load costs, corrective maintenance, etc., to derisk project economics.

INTERCONNECTION

- Front-of-the-meter
- Behind-the-meter

TECHNOLOGIES

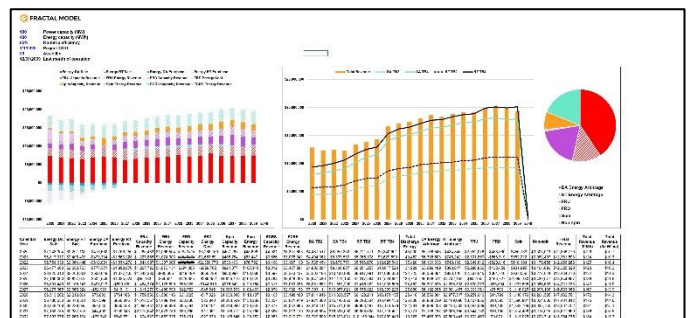
- Lithium-ion (multiple LFP, NMC, LTO, etc.)
- Flow Batteries (multiple)
- Zinc Aqueous
- Sodium Sulphur Batteries

TAX INCENTIVES

- Investment Tax Credit
- Production Tax Credit
- State Incentives

STATE LEVEL PROGRAMS

- CA Self-Generation Incentive Program (SGIP)
- MA Solar Massachusetts Renewable Target (SMART) 2.0 and 3.0
- NY Value of Distributed Energy Resources (VDER)
- MA Clean Peak Energy Standard
- MA / RI Connected Solutions
- NY Index Storage Credits (ISC)
- Custom – Build Your Own



Fractal EMS



BMS/EMS/PPC KEY FEATURES

Fractal EMS combines advanced features with competitive pricing to create the industry’s best energy storage and hybrid controls value.

- ✔ **TECHNOLOGY AGNOSTIC**
Flexible architecture that allows you to use different types of batteries and PCS.
- ✔ **MADE IN THE U.S.A.**
Fractal EMS is U.S.-made with an in-house controller, FNE assembly, and in-house software development
- ✔ **TURNKEY CONTROLS**
Full-stack controls and software for EMS/SCADA/MPC. Fractal designs, installs, and commissions the controls, networking, onsite, and off-site SCADA, historian, and HMI.
- ✔ **LOCAL CONTROLS**
Fractal hosts the historian and HMI on-site and off-site (the equipment controls are on-site and do not need the cloud).
- ✔ **PV+S (SOLAR + STORAGE)**
Hybrid (AC or DC coupled), solar-only, storage-only, and AC and DC coupled.
- ✔ **DATA RETENTION**
Fractal stores data for the life of the contract to support warranty claims and asset sales.
- ✔ **VERTICAL CONTROLS**
Fractal provides a range of options, including unit controller, site controller, and MPC.
- ✔ **SCALABLE**
An open, modular platform that can control multiple sites with 100+ PCS. Fractal provides a fleet-level view of your portfolio.
- ✔ **CYBER SECURITY**
Built on ISO 27001, NERC CIP, and NIST 800-53 framework. Highly experienced in-house cyber/IT team with third-party auditing.
- ✔ **EXPERIENCED TEAM**
Our team has over a decade of energy storage controls development, integration, commissioning, and operations.
- ✔ **BUILT FOR HIGH RELIABILITY**
Hardened equipment backed by a high availability guarantee.
- ✔ **DIAGNOSTICS**
Performance analytics to maximize performance and uptime.

UNLOCK YOUR SUPPLY CHAIN

Fractal EMS can integrate, commission, and provide best-in-class cybersecurity for the following battery systems and inverters. Contact us for more information on alternative suppliers:

- Vertical equipment: Tesla, Sungrow, LGES, CLOU, Powin
- Batteries: A123, AESC, Amperon, ATESS, ATL, BYD, CALB, CATL, Cornex, COSPOWERS, CRRC, Cube Energy, Desay, ECO Power, Eneon, Envision, E-Storage, EVE Energy, EVLO, Goldwind, Gotion, Great Power, Hithium, Hyperstong, PotisEdge, JA Solar, JD Energy, JinkoESS, Kore Power, Linyang, Lishen, Narada, Our Next Energy, Power X, RCT Power, RelyEZ, REPT Battero, Risen, Samsung, Sinexcel, Sunwoda, SVOLT, Tecloman, Trina Storage, Wolong, Zentech, Zetara Power, Zonergy, ZTT
- Inverters: PE, SMA, EPC Power, Sungrow, Sineng, Dynapower, Ingeteam, Kehua, Huawei, CRRC, Sinexcel, NR Electric, TBEA



SCHEDULE A DEMO OR TOUR

Schedule a demo today. Feel free to reach out about bidding on your projects (Fractal partners with vendors and EPCs to provide quotes):

- Corrie.Kutkey@FractalEMS.com
- Ziwei.Cao@FractalEMS.com
- Chris.Larsen@FractalEMS.com