



FRACTAL ENERGY STORAGE NEWS



In This Issue	
Recent Storage M&A Transactions and Investment News	1
Recent Finance and Tax Equity News	
MOU and Partnerships	13
Recent Project and Development Announcements	
Vendor / OEM News	24
Equipment Supply, EPC and O&M Service Agreement Awards	
Optimization and Virtual Toll Agreement Awards	31
Off-Take / PPA / Awards News	
Open Energy Storage RFPs/RFQs/RFIs	34
General News	38
Data Center / Energy Storage News	41
Hydrogen News	
Small Modular Reactors + Storage	
Upcoming Conferences	46
Fractal Energy Storage Consultants News	47
Fractal EMS News	50

Recent Storage M&A Transactions and Investment News

United States

• Sep 30th: Fermi, a real estate investment trust specializing in data centers, announced on Monday its intention to secure \$715M via an expanded initial public offering in the US, tapping into the surging need for energy facilities to facilitate AI developments. The company, co-established by former US Energy Secretary Rick



Perry, plans to offer 32.5 million shares at a price range of \$18 to \$22 per share, an increase from its prior aim of 25 million shares.¹

- Sep 18th: GridStor, a developer and operator of utility-scale BESS, announced that it has acquired the 100 MW / 400 MWh White Tank battery storage project in Arizona from Strata Clean Energy. GridStor's acquisition and plan to construct additional standalone battery storage in Arizona come as the state experiences rapid demand growth, with APS and other utilities in the state setting new all-time records for peak power demand this past August. The project will be operated via a 20-year tolling agreement with Arizona Public Service (APS), the state's largest electric utility serving approximately 1.4 million homes and businesses. The project is sited in Maricopa County and is expected to be placed in service in the first half of 2027. Strata will continue to serve in a consultative role for the project until commencement of commercial operations.²
- Sep 17th: I Squared Capital (I Squared), a global infrastructure investment manager, announced it has signed a definitive agreement to acquire a majority equity interest in ENTEK Technology Holdings LLC (ENTEK), a global manufacturer of battery separators. I Squared's \$ 800M investment complements a loan from the U.S. Department of Energy's Advanced Technology Vehicles Manufacturing (ATVM) program of up to \$1.3B. With initial funding already provided, these combined investments underscore the importance of strong public-private collaboration in securing U.S. domestic manufacturing of strategic technologies. The investment will fund construction of a gigafactory in Terre Haute, Indiana the first and only facility of its kind in the U.S. producing wet-process lithium-ion battery separators, critical components for batteries powering EVs, energy storage systems (ESS), defense equipment, and digital infrastructure. The facility is expected to create approximately 763 construction jobs and 635 operations jobs in Terre Haute once operational.³
- Sep 17th: XL Batteries, an energy storage company that is building the lowest-cost, safest and most efficient form of long-duration energy storage (LDES), announced a \$ 7.5M investment from Merrin Investors, the mission-driven family office of entrepreneur and philanthropist Seth Merrin. This new funding accelerates XL Batteries' ability to scale its operations, enhance grid resilience, and support energy independence by reducing reliance on foreign supply chains. As grids face rapidly rising stress from data centers, mass electrification and manufacturing, scalable, safe, and flexible LDES solutions are critical to maintaining resilience. Flow batteries offer a proven solution, but reliance on scarce, expensive materials has historically made them prohibitively costly and risky for mass deployment. XL Batteries is addressing this challenge with its low-cost, safe, and efficient Organic Flow Battery. By utilizing proprietary, organic, low-cost electrolytes instead of scarce, corrosive and expensive vanadium, its technology reduces risk and costs and eliminates the need for specialized infrastructure or supply chains.⁴
- Sep 16th: California-based Flux Power Holdings, Inc., a developer of advanced lithium-ion energy storage solutions and software-driven electrification for commercial and industrial (C&I) equipment, announced that it has entered into securities purchase agreements for the sale of an aggregate of 258,144 Prefunded Warrants and 1,214,769 Common Warrants for gross proceeds of approximately \$ 5.0M, before deducting offering expenses, and is expected to be used for working capital and general corporate purposes. The purchase price was paid in cash or, in lieu of cash, cancellation of certain existing debt by the Company. Each Prefunded Warrant entitles the holder to purchase one (1) share of the Company's Series A Convertible Preferred Stock, par value \$0.001 per share, or the Series A Preferred Stock, for \$0.001 per share. Purchasers of Prefunded Warrants were also issued an additional five (5) year Common Warrant to purchase

¹ https://finance.yahoo.com/news/former-energy-secretary-rick-perrys-121328004.html

² https://www.businesswire.com/news/home/20250918178424/en/GridStor-Acquires-Arizona-Battery-Energy-Storage-Project-From-Strata-Clean-Energy

³ https://www.businesswire.com/news/home/20250917446749/en/I-Squared-Capital-Acquires-Majority-Stake-in-ENTEK-to-Reshore-Critical-U.S.-Battery-Manufacturing

⁴ https://www.businesswire.com/news/home/20250917627610/en/XL-Batteries-Raises-%247.5-Million-From-Merrin-Investors-to-Accelerate-Market-Leadership-in-Organic-Non-Flammable-Long-Duration-Flow-Batteries

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a number of shares of common stock equal to fifty percent (50%) of the number of shares of common stock issuable upon conversion of the Series A Preferred Stock issuable upon exercise of the Prefunded Warrants.⁵

- Sep 10th: Captona, an energy transition investment firm in North America, announced the expansion of its signature preferred equity program through its partnership with Scale Microgrids (Scale), a vertically integrated distributed energy company. This new transaction builds on the success of the prior preferred equity investment between Captona and Scale and adds 19.5 MW of new microgrid and community solar projects located in New York and California. This subsequent transaction underscores the repeatability and scalability of Captona's preferred equity investment structure and significantly grows Captona's assets under management. This latest transaction marks Captona's second preferred equity deal with Scale and pushes the partnership's total asset value beyond \$ 100M. It also highlights Captona's rapidly growing pipeline of preferred equity transactions, which the firm has executed across solar, storage, and microgrid platforms nationwide.⁶
- Sep 10th: NeoVolta Inc. has signed a letter of intent to acquire strategic assets of Neubau Energy, positioning the combined entity to capture significant share of the rapidly expanding residential energy storage market while avoiding anticipated 2026 battery import tariffs that could exceed 28%. The transaction is expected to be completed in the next thirty days.⁷
- Sep 9th: EDP, S.A. (EDP), through its 71.3% owned subsidiary EDP Renováveis, S.A. (EDPR), completed the Sale and Purchase Agreement with a major energy global player to sell a 49% equity stake of class B shares in a portfolio of 300 MWac (406 MWdc) of 2 operating solar projects and 92 MW BESS. The two solar projects were commissioned in 4Q24 while the storage facility is under construction and expected to be commissioned in 4Q25. The projects are located in California, in US, and share the same grid connection infrastructure with the storage facility. Total Enterprise Value for 100% of the portfolio amounts to \$ 0.6B.
- Sep 3rd: Energy storage integrator Energy Vault Holdings, Inc. (Energy Vault) announced that it received written notice from the New York Stock Exchange (NYSE) stating that the Company regained compliance with the minimum continued listing criteria set forth in Section 802.01C of the NYSE Listed Company Manual, based upon an average share price for the trailing 30-consecutive trading days above \$1.00 on August 29, 2025, finishing up 114% over the same consecutive 30 day period.⁸
- Sep 9th: Torus Inc., a full-stack energy platform offering storage, management, security, and generation solutions, announced a \$ 200M investment by Magnetar, an alternative asset manager. The investment will accelerate the deployment of Torus' proprietary modular power plants for utilities, data centers, and C&I customers across the U.S. Torus builds small, inertia-based hybrid energy systems that combine the power of mechanical flywheels with the duration of batteries, equipped with enterprise-grade security and software management.⁹
- Sep 8th: NuGen Capital Management, LLC (NuGen), a national leader in energy development and capital solutions, announced it is making an additional investment of \$ 100M into near-term and operating solar and storage projects across the U.S. Powered by its team's cross-sector expertise in energy solutions, real estate, finance and more, NuGen is equipped to handle every phase of clean energy projects, including financing, tax credit strategies, development, construction, operation and management. The company is currently

⁵ https://www.globenewswire.com/news-release/2025/09/16/3150811/24114/en/Flux-Power-Closes-5-Million-Private-Placement-of-Prefunded-Warrants-and-Common-Warrants.html

⁶ https://www.businesswire.com/news/home/20250910044250/en/Captona-Broadens-Signature-Preferred-Equity-Program-with-Scale-Microgrids

⁷ https://www.globenewswire.com/news-release/2025/09/10/3147774/0/en/NeoVolta-Enters-Into-Letter-of-Intent-to-Acquire-Neubau-Energy-s-Next-Generation-Battery-Platform.html

⁸ https://www.businesswire.com/news/home/20250903919135/en/Energy-Vault-Receives-Confirmation-Letter-from-the-NYSE-Regarding-Compliance-with-Continued-Listing-Criteria-Driven-by-Higher-Share-Price-Trading-Range

⁹ https://www.businesswire.com/news/home/20250909631411/en/Torus-Raises-%24200-Million-to-Accelerate-Deployment-of-Modular-Power-Plants-for-Utilities-Data-Centers-and-Industry



- seeking partners across the energy ecosystem including developers, landowners, project owners and operators, or others to purchase projects that deliver long-term value in their respective communities.¹⁰
- Sep 4th: ACT-ion Battery Technologies, Inc. (ACT-ion), a pioneer in clean cathode active material (CAM) manufacturing, announced the successful closing of a \$ 4M extension to its Pre-Series A funding round. The extension was led by prominent South Korean financial institutions Kyobo Life Insurance Group and KB Investment, bringing the total capital raised to \$ 11.5M. This additional funding follows ACT-ion's initial \$ 7.5M close with participation from BASF Venture Capital, Hunt Energy Enterprises, Arosa Capital, Mirae Asset Capital, and LG Technology Ventures late last year, and will further accelerate the company's mission to commercialize its breakthrough CAM production technology. The proceeds will be used to complete the build-out and commissioning of its pilot production facility in Carrollton, Texas, and to secure commercial validation and offtake agreements with key industry partners in the electric vehicle (EV) and energy storage sectors.¹¹
- Sep 4th: Solaris Assets, overseen by the climate-oriented investment firm GoodFinch Management, has
 revealed its purchase of nearly all assets and operational activities from residential solar provider Sunnova
 Energy International. This encompasses Sunnova's platform for home solar servicing, operations, and
 management, in addition to its solar power generation and storage holdings. Earlier in 2025, Sunnova sought
 Chapter 11 bankruptcy safeguards amid mounting debt pressures and waning market demand.¹²

International

- Sep 26th: AIP Management is acquiring a 49% stake in a 700 MW U.K. BESS portfolio from BW ESS, forming a long-term partnership and marking AIP's first investment in standalone battery storage. The portfolio includes the operational 100 MW Bramley project and the under-construction 400 MW Hams Hall and 200 MW Berkswell projects, located in England's Midlands and Southeast. The deal is pending regulatory approval, and once fully operational, BW ESS will retain the 51% majority stake and continue managing the projects.¹³
- Sep 25th: UK investment firm Gresham House has agreed to acquire Switzerland-headquartered SUSI Partners, an energy transition infrastructure investment manager, to create one of Europe's largest sustainable investment platforms. The deal will expand Gresham House's investment reach into continental Europe and Southeast Asia. The combined entity will have a total of £ 10.2B in assets under management (AUM), with the energy transition business alone representing £ 2.7B. This will position it among the top ten energy transition asset managers in Europe.¹⁴
- Sep 24th: Swiss startup Unbound Potential is developing a membrane-free redox flow battery with € 14.4M in pre-seed funding and plans a pilot project by mid-2026. The design uses two immiscible liquids instead of membranes to control ion exchange, leading to lower costs and improved durability. Unbound Potential is also collaborating with Amazon to test its technology for logistics.¹⁵
- Sep 22nd: Edify Energy (Edify), an Australian renewable energy and battery storage company, and global investment group La Caisse (formerly CDPQ), announced that binding agreements have been entered into under which La Caisse will acquire Edify and support its next phase of growth. Once completed, the transaction, together with further equity capital funding, is expected to represent an investment of approximately CAD 1B (AUD ≈1.1B). This investment will fund the acquisition of Edify and provide equity to

¹⁰ https://www.businesswire.com/news/home/20250908170201/en/NuGen-Capital-Management-to-Invest-%24100MM-in-Solar-Energy-Projects

¹¹ https://www.globenewswire.com/news-release/2025/09/04/3144682/0/en/ACT-ion-Battery-Technologies-Closes-4-Million-Pre-Series-A-Extension-Bringing-Total-Round-to-11-5-Million.html

¹² https://www.businesswire.com/news/home/20250904410809/en/Solaris-Completes-Acquisition-of-Sunnova-to-Secure-Long-Term-Continuity-of-Operations-and-Solar-Asset-Management

¹³ https://bw-ess.com/news/aip-management-and-bw-ess-form-long-term-partnership-through-investment-in-2-4gwh-uk-battery-storage-portfolio

¹⁴ https://greshamhouse.com/row/news-media/gresham-house-to-acquire-susi-partners/

¹⁵ https://tpw.ch/en/news/ex-runway-start-up-receives-e14-4-million-for-redox-flow-battery/ *Not for redistribution.*



finance two ready-to-build integrated solar and BESS hybrid projects totaling 900 MW / 3,600 MWh for offtake partners, Rio Tinto and the Commonwealth of Australia. It will also support the company's significant pipeline of hybrid and battery storage projects of more than 11 GW.¹⁶

- Sep 19th: Macquarie Asset Management announced the final close of Macquarie Green Energy Transition Solutions (MGETS) with over \$ 3B of total Fund and co-investment commitments. MGETS is Macquarie's first dedicated energy transition fund that targets opportunities beyond mature renewables. MGETS is focused on investing in companies that leverage proven technologies and infrastructure to provide the solutions to decarbonizing energy sectors across the economy. The Fund's target subsectors include energy storage, distributed energy, renewable fuels, clean transportation, carbon capture, and circular economy. MGETS is well progressed in its portfolio construction, with 12 closed investments and over 65 per cent of the Fund committed to investments. The MGETS global portfolio is well-diversified, spanning across geographies, technologies, and underlying sectors. MGETS portfolio companies include Eku Energy (BESS in Europe and APAC), SkyNRG (global sustainable aviation fuel business), Calibrant Energy (distributed energy solutions for industrial and commercial clients in North America), and Verkor (French EV battery manufacturer). MGETS has raised over \$ 2.4B of Fund commitments along with an additional \$ 647M to date of committed co-investment to MGETS' portfolio companies. This enables it to address the growing scale of energy transition opportunities and capitalize on attractive follow-on investments. The Fund exceeded its target size of \$ 2B, attracting commitments from a diversified global investor base, spanning pension funds, insurance companies, sovereign wealth funds, and asset managers across EMEA, APAC, and the Americas. 17
- Sep 19th: China Energy Engineering Corporation (CEEC) announced a \$ 1B investment in Egypt over five years to fund renewable energy, desalination, and energy storage projects, supporting Egypt's strategic goals for water security and clean energy.¹⁸
- Sep 17th: Dutch energy tech firm Sympower has closed its € 42M Series B1 funding round with a € 19M investment from Dutch pension manager PGGM, which will fund expansion into new European markets, battery storage projects, and potential acquisitions. PGGM, acting on behalf of the healthcare pension fund PFZW, will also join Sympower's advisory board. ¹⁹
- Sep 15th: Aukera closed an oversubscribed, second-round equity raise of € 105M (~\$ 124M) to accelerate its 15 GW pipeline of solar PV, onshore wind, and battery storage projects across the U.K., Italy, Germany, Belgium, and Romania. The funding, which includes participation from existing investors like AtlasInvest and Reggeborgh, as well as new investor SFPIM (Belgium's sovereign wealth fund), will enable the company to bring more renewable capacity into construction and operation.²⁰
- Sep 16th: Fourth Power, a flexible-duration energy storage provider, has secured \$ 20M in Series A Plus funding. Led by Munich Re Ventures, with follow-on investments from DCVC and Breakthrough Energy Ventures, the funding will accelerate the commercial deployment of Fourth Power's modular, utility-scale thermal ESS. The funding will support commissioning of an integrated 1 MWh-e demonstration using full-scale commercial components and is the company's final step before customer deployments. Additionally, this capital will be used to deepen partnerships with suppliers and customers further and grow the customer

¹⁶ https://www.prnewswire.com/news-releases/la-caisse-to-acquire-edify-a-leading-australian-renewable-energy-and-battery-storage-company-302562866.html

¹⁷ https://www.businesswire.com/news/home/20250918837959/en/Macquarie-Asset-Management-Reaches-%24US3-Billion-Close-of-Green-Energy-Transition-Solutions-Fund-and-Co-Investment-Commitment

¹⁸ https://en.amwalalghad.com/china-energy-engineering-corp-to-invest-1b-in-egypt/

¹⁹ https://www.verdantix.com/client-portal/blog/sympower-secures--19-million-dollars-to-expand-battery-storage-and-energy-flexibility-solutions-across-europe

²⁰ https://www.aukera.energy/de/aukera-raises-e105-million-in-oversubscribed-second-equity-round-to-accelerate-15-gw-european-renewables-pipeline-de/



pipeline.21

- Sep 6th: ACME Solar Holdings has announced a proposal to raise up to ₹3,000 crore through the issuance of securities to fund its expansion into solar power and emerging green technologies like hydrogen and energy storage. Shareholder approval for this capital raise is being sought at an upcoming Extraordinary General Meeting (EGM) on September 29, 2025. The capital infusion will enable the company to participate in new solar auctions, acquire land, and accelerate the execution of large-scale projects, strengthening its position in India's renewable energy sector.²²
- Sep 3rd: Palmer Energy Technology Limited (PETL), a U.K. BESS maker, acquired Brill Power, an Oxford University spin-out specializing in cell-level battery control and active balancing, and raised £ 5M (~\$ 6.8M) in Series A funding from investors including FirstGroup Energy, Barclays Climate Ventures, and the University of Oxford. This strategic acquisition will integrate Brill Power's technology into PETL's BESS, aiming to enhance battery safety, extend service life, and position PETL for a leading role in the U.K.'s battery storage industry.²³
- Sep 2nd: Offgrid Energy Labs secured \$ 15M in a Series A funding round led by Archean Chemical Industries and existing investor Ankur Capital to commercialize its ZincGel batteries and expand its research and development. The funds will be used to build a 10 MWh demonstration manufacturing facility in the U.K., finalize giga-factory blueprints, and enhance next-generation stationary energy storage solutions for commercial, utility-scale, and off-grid applications.²⁴
- Sep 1st: CVC DIF has agreed to acquire a utility-scale hybrid PV-BESS "Gabriela" project in Chile from Grenergy. The project is currently under construction in Northern Chile and comprises 272 MW of installed solar PV capacity and 1,100 MWh of battery storage The investment highlights CVC DIF's commitment to the global energy transition sector. The Chile deal is set for completion in the first half of 2026.²⁵



Contact Fractal Advisory about your next sales process at judy@fractalba.com. Fractal Advisory has:

- A robust network of investors and asset owners to maximize your asset(s) exposure
- Unmatched energy storage and market expertise to optimize your investment model and address bidder inquiries
- Ultra-competitive advisory fees to maximize your development return.
- Projects, portfolios, platforms, and major equipment sale processes

PROJECT EPOQUE OPPORTUNITY - ERCOT WEST ZONE DG BESS PROJECT





NDA SUBMISSION DEADLINE IS OCTOBER 3, 2025 NBO SUBMISSION DEADLINE IS OCTOBER 10, 2025 CLICK HERE to learn more. Project Epoque sale process features a standalone project features a 9.9 MWac, 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.

https://m.economictimes.com/industry/renewables/acme-solar-holdings-plans-rs-3000-cr-fundraise-in-multiple-tranches/articleshow/123549105.cms²⁵ https://www.cvc.com/media/news/2025/cvc-dif-to-acquire-a-large-scale-hybrid-solar-pv-and-battery-storage-project-in-chile/

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²¹ https://www.businesswire.com/news/home/20250916363021/en/Fourth-Power-Raises-%2420-Million-to-Commercialize-Low-Cost-Utility-Scale-Energy-Storage-Solution

 $^{^{23}\} https://www.oxfordinvestment consultants.com/2025/08/28/brill-power-acquired-by-palmer-energy-technology-ltd-petl/power-acquired-by-palmer-energy-technology-tec$

²⁴ https://www.ankurcapital.com/post/offgrid-energy-labs-raises-usd-15-million



PROJECT KNAPP OPPORTUNITY - ERCOT HOUSTON ZONE DG BESS PROJECT



NDA SUBMISSION DEADLINE IS OCTOBER 3, 2025 NBO SUBMISSION DEADLINE IS OCTOBER 10, 2025 CLICK HERE to learn more. The Project Epoque sale process features a standalone project consists of 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 REDZONE SALE PROCESS – DATA CENTER READY ERCOT BESS





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

CLICK HERE to learn more.

The Project Redzone sale process features a portfolio of one (1) AC-Coupled 240 MW_{ac} PV + 200 MW / 400 MWh BESS project located in Kinney County, Texas (ERCOT South – target COD Q4 2027) and one (1) standalone 200 MW / 400 MWh BESS located in Midland County, Texas (ERCOT West – target COD Q4 2027). Both sites are datacenter-ready, with access to multiple, redundant fiber lines, natural gas lines, and secured IAs for onsite generation and 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 MALONEY SALE PROCESS - ERCOT WEST ZONE BESS





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

CLICK HERE to learn more.

The Project Maloney sale process features a 200 MW $_{\rm ac}$ / 400 MWh BESS in Wichita County, Texas, West Zone, in ERCOT, with an anticipated In-Service Date of Q4 2027. The project includes a term sheet for a Toll and Revenue Collar (optional). Fractal Advisory is running this process on behalf of Suncode Energy. 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.

ATTENTION PJM/MISO DEVELOPERS - EMAIL US AT INFO@FRACTALBA.COM

Fractal has aggressive buyers with new sponsorship seeking renewable (wind/solar) and BESS development assets (projects/portfolios) in MISO/DPP or PJM/Transition Cycle with an active or executed GIA. Buyer credentials:

- Commercialization Expertise: Extensive experience in all three technologies.
- Tax Efficiency: Well-positioned for ITC cliffs and tax efficiencies.
- Rapid Growth: Aggressive MW ownership growth metrics provide path to a quick and attractive exit.



PROJECT CANTALOUPE SOLAR SALE PROCESS - ERCOT WEST DC COUPLED PV+S

ERCOT DC COUPLED PVS FOR SALE



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

CLICK HERE to learn more.

The Project Cantaloupe Solar sale process features a DC-coupled Solar PV + BESS in Reeves County, in the West Load Zone, ERCOT, with a Ready to Build date of June 2025, with attractive economics. Fractal Advisory is running the process on behalf of Alt Energy Developments. 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 FOX BILATERAL OPPORTUNITY - TEXAS BESS PORTFOLIO





The Project Fox sale process features two 150 MW_{ac}, 2-hour BESS in Van Zandt County, North Zone, in ERCOT, with anticipated In-Service Dates of Q1 and Q2 2027. 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 Judy McElroy at judy@fractalba.com.

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

CLICK HERE to learn more.

DOMESTIC 120 MVA MAIN POWER TRANSFORMER - SALE PROCESS OPPORTUNITY



THIS PROCESS IS STILL ACCEPTING OFFERS CLICK HERE to learn more.

Fractal Advisory, on behalf of our client invites reputable buyers to join the Domestic 120 MVA Main Power Transformer (MPT) Sale process (the "Process"). The MPT is currently warehoused in South Carolina and available for immediate sale. The MPT has an active (transferrable) warranty until April 2031.

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 <a href="mailto:acrong.google.googl

PROJECT DAMON OPPORTUNITY - TEXAS HOUSTON DG BESS PROJECT



Fractal Advisory, on behalf of our client, will release process details for a 9.9 MW_{ac}, 2-hour BESS in Brazoria County, Houston Zone, in ERCOT, with an anticipated In-Service Date of Q3 2026. Process release is expected next week. Interested Buyers can contact Sean Bruno at sean@fractalba.com.

PROCESS WILL BEGIN NEXT WEEK.



Recent Finance and Tax Equity News

United States

- Sep 29th: Enlight Renewable Energy, a global renewable energy company, announced that its U.S. subsidiary Clēnera Holdings has closed two tax equity partnership agreements for the Roadrunner Solar and Energy Storage Project, located near Tucson, Arizona. The first agreement, with J.P. Morgan Chase Bank, N.A. (J.P. Morgan), covers the project's 290 MW solar component and includes a tax equity contribution at COD, along with additional pay-go payments over the first 10 years of operation. The second agreement, with M&T Bank and First Citizens Bank, provides tax equity financing for the 940 MWh storage component at COD. Together, the two partnerships represent approximately \$ 340M in tax equity commitments at COD, expected to increase to nearly \$ 390M when including pay-go contributions. These transactions underscore the strength and quality of the Roadrunner project.²⁶
- Sep 25th: European Energy has successfully issued a new bond on NASDAQ worth EUR 100m. The bond was met with strong demand from investors and was fully subscribed within one day of the initial offering. The new bond carries a variable 3-month EURIBOR interest rate with a margin of 3.75%. The proceeds will fund European Energy's expanding construction program within solar, wind and more recently BESS.²⁷
- Sep 24th: Foss & Company, a tax equity syndicator, announced the successful closing of a \$ 54.4M tax credit transfer for Hale Kuawehi Solar and Storage Project, a newly commissioned solar and BESS facility developed by Innergex Renewable Energy Inc. located on the Island of Hawai'i. The project features a 30 MW_{ac} photovoltaic solar array co-located with a 30.7 MW / 122.8 MWh BESS. Hale Kuawehi represents Foss & Company's third successful transaction in Hawai'i, reinforcing the firm's leadership in structuring innovative tax equity solutions for clean energy infrastructure in complex and remote markets.²⁸
- Sep 23rd: Independent power producer Soltage secured a \$ 525M tax credit investment agreement, a financing deal that will fund the next 260 MW of its 2 GW solar and energy storage project pipeline across the U.S. A Fortune 500 company will purchase investment tax credits over two years through 2026 as part of the agreement, providing Soltage with stable capital to develop and construct its clean energy assets. Following Soltage's \$ 260M debt raise in June 2025, this transaction further solidifies the company's position as a leader in US energy development—delivering reliable, sustainable power to communities and businesses across the country.²⁹
- Sep 22nd: OCI Energy is proud to announce the successful closing of construction financing for its Project Alamo City, a flagship BESS currently under development in Bexar County, Texas. With a planned capacity of 120 MW and with a 4-hour duration, Project Alamo City will be a significant standalone battery storage installation in Texas, designed to strengthen grid reliability and support the region's energy future. OCI Energy selected ING to underwrite the construction financing package which includes a construction-to-term loan, a tax equity bridge loan, and letters of credit. ING served as sole coordinating lead arranger, sole bookrunner, and sole green loan coordinator, and will also act as administrative agent. The relationship between ING and OCI Energy has proven instrumental in advancing the project from concept to construction.³⁰
- Sep 19th: Nexus Renewable Power LLC (Nexus) announced the closing of a series of transactions that together represent approximately \$ 220M of project funding for MRG Goody Solar and Storage (Project

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²⁶ https://www.globenewswire.com/news-release/2025/09/29/3157537/0/en/Enlight-Secures-Nearly-340-Million-in-Tax-Equity-Partnerships-for-Roadrunner-Solar-and-Energy-Storage-Project.html

²⁷ https://europeanenergy.com/2025/09/25/european-energy-issues-new-bond-on-nasdaq/

²⁸ https://www.prnewswire.com/news-releases/foss--company-closes-solar-plus-battery-storage-tax-credit-transfer-for-hawaii-island-project-302554153.html

²⁹ https://www.prnewswire.com/news-releases/soltage-closes-525-million-tax-credit-investment-vehicle-for-storage-and-solar-projects-302563020.html

³⁰ https://www.globenewswire.com/news-release/2025/09/22/3154341/0/en/OCI-Energy-and-ING-finalize-construction-financing-for-a-major-battery-project-in-Texas.html



Goody), a 171.72 MW_{ac} solar project combined with a 237 MWh storage project located in Lamar County, Texas. Goldman Sachs is making a preferred equity investment into Project Goody to support the hybrid tax equity financing. Nexus also executed a tax credit purchase agreement with respect to Project Goody. Meta is the power offtaker for the project, which will help match its data center electricity use with clean and renewable energy. This aggregate financing complements the previously announced \$ 300M construction-to-permanent financing facility with HPS Investment Partners, and the \$100M Nexus-Bad Carbon carbon credit financing joint venture (JV).³¹

- Sep 16th: Macquarie Asset Management announced it has facilitated \$ 350M of long-term financing to Nexamp, Inc. (Nexamp), one of the largest owners of C&I solar projects in the U.S., to support the construction of utility-scale solar and battery storage projects. Moreover, in April 2025, the firm finalized a \$ 340M private placement to refinance debt for a set of decentralized solar and energy storage initiatives across the U.S. This set features 39 solar facilities spanning seven states, totaling 150 MW in solar photovoltaic capacity, alongside an energy storage component with 37 MWh of capacity. The capital will be allocated over the coming three years to advance solar PV and storage developments in multiple US states.³²
- Sep 16th: Flatiron Energy (Flatiron) announced that it has closed on approximately \$ 540M of financing commitments from financial institutions to support the construction and operations of the Taft Project (Taft) in Uxbridge, Massachusetts. Taft is a 200 MW / 800 MWh BESS asset that will reach commercial operations in late 2026 to support the local communities that rely upon the eastern Massachusetts grid. The financing commitments span across construction and bridge loan facilities, term loan facilities, letter of credit facilities, a preferred equity commitment, and a tax credit transfer commitment. The construction loans, term loans, bridge loans, and letters of credit were provided by a consortium of banks, with First Citizens Bank and Nord/LB serving as Coordinating Lead Arrangers and Societe Generale, Santander, and Investec serving as Joint Lead Arrangers. Societe Generale acted as Green Loan Coordinating Agent and Santander as Hedging Coordinator. The Preferred Equity commitment was provided by funds managed by a premier global credit asset manager with more than \$ 350B of assets under management.³³
- Sep 9th: BlackRock-backed Akaysha Energy has secured an AUD 300M (\$ 195.4M) debt facility to fund its BESS projects in Australia, Japan, the U.S., and Germany. This corporate debt facility, arranged with a syndicate of global banks, is the first borrowing base loan for the renewables sector in Australia and provides Akaysha with flexibility to accelerate its global BESS development pipeline.³⁴
- Sep 9th: Madison Energy Infrastructure announced it secured an \$ 800M construction-to-term debt facility to finance the expansion and deployment of clean energy projects across the U.S. The funds will be used for distributed solar and energy storage projects.³⁵
- Sep 8th: SolaREIT™, a solar and battery storage real estate investment company, announced a new long-term debt commitment with SLC Management, the institutional fixed income and alternative asset management business of Sun Life Financial Inc. The agreement establishes a \$ 200M debt facility to support SolaREIT's innovative land financing solutions for solar and BESS developers nationwide. The capital will be used to expand deployment of SolaREIT's core offerings: solar and storage land purchases, lease purchases, and land loans.³⁶

³¹ https://www.businesswire.com/news/home/20250919935683/en/Nexus-Announces-%24220-Million-of-New-Funding-and-Energy-Offtaker-for-Project-Goody

³² https://www.macquarie.com/us/en/about/news/2025/mam-commits-us350mil-to-support-nexamp-in-its-us-utility-scale-solar-and-battery-storage-expansion.html

³³ https://www.businesswire.com/news/home/20250916237211/en/Flatiron-Reaches-Financial-Close-on-Largest-Battery-Energy-Storage-Project-in-Massachusetts

³⁴ https://akayshaenergy.com/news/akaysha-energy-secures-300-million-debt-facility

³⁵ https://www.madisonei.com/resource/madison-energy-infrastructure-secures-800-million-long-term-debt-facility

³⁶ https://www.prnewswire.com/news-releases/solareit-secures-200-million-debt-commitment-from-slc-management-to-expand-real-estate-financing-for-battery-storage-and-solar-projects-302549111.html



- Sep 4th: GridStor, a developer and operator of utility-scale BESS, announced that it has closed a \$ 50M letter of credit with NORD/LB in support of its development goals. GridStor's project pipeline includes over 3 GW of projects across the western and central U.S. in later-stage development or under construction. Backed by Goldman Sachs Asset Management, GridStor has also made 450 MW of late-stage project acquisitions year-to-date for facilities in Texas, Oklahoma, and Arizona.³⁷
- Sep 4th: Spruce Power Holding Corporation (Spruce), an owner and operator of distributed solar energy assets across the U.S., announced a partnership with EnerWealth Solutions, a North Carolina-based solar development company, to launch the state's first residential PV+S lease program. Through its Spruce PRO channel, Spruce will deliver the operational infrastructure that enables EnerWealth to scale rapidly while maintaining exceptional homeowner experiences. This includes billing and collections, homeowner support, remote monitoring and remote technical support; all backed by Spruce's experience managing approximately 145,000 residential solar assets nationwide.³⁸
- Sep 4th: Swift Current Energy secured \$ 242M in project financing for the 150 MW / 600 MWh Prospect Power Storage facility in Rockingham County, Virginia, which is under construction and expected to begin operations in 2026. The facility will be the largest battery storage project in the PJM Interconnection market and will support grid reliability through a 15-year power purchase agreement (PPA) with Dominion Energy Virginia.³⁹

International

- Sep 30th: German renewable energy firm Reconcept GmbH launched a green bond offering on Monday, seeking up to € 25M (\$ 29.3M) to finance solar, wind, and BESS projects in Germany, Finland, and Canada. The six-year bond carries a 7.75% annual interest rate and aims to support Reconcept's international growth by funding new projects in its core markets, which include over 10 GW of capacity in development.⁴⁰
- Sep 19th: Austria-based renewable energy company Enery secured a medium-term growth facility from Rivage Investment and Kommunalkredit Austria AG to expand in Central and Eastern Europe (CEE), aiming to deliver over 1 GW of renewable energy and 1 GWh of storage in two years. The funding will support solar, onshore wind, hydro, and BESS projects, advancing both greenfield and M&A initiatives in the CEE region, including countries like Austria, Romania, Bulgaria, and Estonia.⁴¹
- Sep 18th: Hydrostor, a global long-duration energy storage (LDES) developer and operator of advanced compressed air energy storage (A-CAES) projects, has secured \$ 55M in funding from Export Development Canada (EDC). The transaction will support development activities for Hydrostor's 200 MW Silver City Energy Storage Centre project being built in Broken Hill, New South Wales, Australia. The transaction is comprised of a \$ 55M secured development expenditure credit facility provided by EDC to finance development expenditures and letter of credit requirements for Silver City.⁴²
- Sep 17th: NTR Plc secured € 65M in financing to construct the Monvallet PV+S project in County Louth, Ireland. This funding, provided by Rabobank and Siemens Financial Services, will support the first two projects within the Monvallet portfolio, contributing to Ireland's renewable energy goals and the L&G NTR Clean Power (Europe) III Fund.⁴³
- Sep 17th: Green Genius is developing a 196 MWh BESS project in Lithuania after receiving € 25.3M (~\$

³⁷ https://www.businesswire.com/news/home/20250904426354/en/NORDLB-and-GridStor-Announce-Completion-of-%2450-Million-Letter-of-Credit-Facility

³⁸ https://www.businesswire.com/news/home/20250904278282/en/Spruce-Power-Wins-Competitive-Multi-Year-Spruce-PRO-Contract-Expanding-Solar-and-Storage-Services-in-North-Carolina

³⁹ https://swiftcurrentenergy.com/swift-current-energy-secures-project-financing-for-the-largest-battery-storage-project-in-pjm/

⁴⁰ https://www.reconcept.de/greenglobalinvestmentssince1998

⁴¹ https://enery.energy/en/projects/

⁴² https://hydrostor.ca/hydrostor-announces-us55-million-in-funding-from-export-development-canada/

⁴³ https://www.ntrplc.com/articles/ntr-completes-on-an-initial-e65-million-financing-deal-with-rabobank-and-siemens-financial-services/



29.9M) in funding from Swedbank through its subsidiary, EKO Srautas. Located in Antkalniškiai village, Jurbarkas district, the project is set to begin commercial operation in the third quarter of 2026.⁴⁴

- Sep 17th: Terra One, a startup focused on grid-tied BESS, revealed that it has obtained up to €150 million (approximately \$ 176M) in mezzanine funding from asset manager Aviva Investors. This capital will facilitate the rollout of about 3 GWh in storage capacity, enabling the firm to begin advancing its lineup of shovel-ready initiatives.⁴⁵
- Sep 12th: Climate-focused firm Wollemi Energy Group, a part of Wollemi Capital, acquired the Australian renewable energy and battery storage business of MPower Group for AUD 19M (~\$ 12.5M). The deal gives Wollemi control over MPower's operations, with a commitment from Wollemi to invest over \$ 100M to advance the acquired project pipeline. The acquisition was completed in September 2025.⁴⁶
- Sep 12th: Constant Energy has received a THB 300M (~\$ 9.4M) financing package from HSBC to expand its solar and battery storage projects in Thailand. This green financing will fund rooftop, ground-mount, and floating solar installations across the country, aiming to meet growing corporate demand for renewable energy and enhance grid stability by shifting midday solar output to meet evening power needs. The investment supports Thailand's goal of significantly increasing its renewable energy capacity.⁴⁷
- Sep 12th: ACME Venus Urja Private Limited, a subsidiary of ACME Solar Holdings, has secured ₹ 3,892 crore (\$ 465M) in long-term project financing from the State Bank of India (SBI) to develop a 400 MW Firm and Dispatchable Renewable Energy (FDRE) project in Rajasthan. The loan from SBI is structured over a 19-year repayment period. The project is contracted with NHPC Limited at a tariff of ₹ 4.64 per unit. The PPA ensures long-term revenue stability for the project.⁴⁸
- Sep 11th: N2OFF, Inc. (N2OFF), a cleantech company investing in solar energy assets based on the RTB (Ready to Build) business model, announced its decision to extend additional debt financing to Solterra Renewable Energy Ltd. (Solterra) in connection with its previously reported Melz solar project for the purpose of integrating a large-scale BESS into its 115 MWp solar photovoltaic project in Melz, Germany. The planned "green" BESS will have a capacity of 107 MW / 214 MWh and is designed to optimize electricity sales while providing additional grid services (the "Green BESS Project"). On September 8, 2025, N2OFF and other lenders provided additional funding to Solterra in the amount of € 600,000, accruing interest at a rate of 7% per annum, which loan amount will mature in accordance with the terms of the Loan Agreement, dated July 31, 2024. N2OFF is also entitled to 25% of the potential profits, after loan repayment.⁴⁹
- Sep 10th: Fidra Energy secured up to £ 445M in equity investment from EIG and the National Wealth Fund (NWF) to develop the Thorpe Marsh BESS project in Doncaster, South Yorkshire. This funding, along with an additional £ 594M in debt, will finance the 1,400 MW / 3,100 MWh project, set to become the UK's largest battery storage facility, with commercial operations expected by mid-2027.⁵⁰
- Sep 10th: Grenergy secured USD 270 million in non-recourse financing for Phase 6 of its Oasis de Atacama PV+S project in Chile. The funding, provided by a syndicate led by SMBC and including BNP Paribas, BBVA, and KfW, will fund 3.5 GWh of battery storage installation and cover past asset purchases from Repsol and Ibereólica. This financing allows for immediate battery deployment to capture energy during low-price hours and supplements the project's existing 77 MW solar capacity.⁵¹

⁴⁴ https://greengenius.com/news/swedbank-suteike-25-mln-euru-finansavima-green-genius-elektros-energijos-kaupikliu-sistemos-projektui/

⁴⁵ https://www.terra.one/en/news/terra-one-secures-eu150m-mezzanine-financing-from-aviva-investors-to-accelerate-europes-energy-transition

⁴⁶ https://mercomcapital.com/wollemi-capital-acquires-renewable-energy-developer-mpower-for-12-5-million/

⁴⁷ https://constantenergy.net/press-releases/constant-energy-secures-thb-300-million-green-financing-from-hsbc-to-accelerate-renewable-energy-expansion-in-thailand/

⁴⁸ https://m.economictimes.com/industry/renewables/acme-solar-secures-rs-3892-cr-project-funding-for-400-mw-fdre-project/articleshow/123822475.cms

⁴⁹ https://www.globenewswire.com/news-release/2025/09/11/3148467/0/en/N2OFF-to-Expand-its-Melz-Solar-Project-with-Battery-Storage.html

⁵⁰ https://fidraenergy.com/fidra-energy-reaches-financial-close-on-the-uks-largest-battery-energy-storage-project-backed-by-eig-and-the-national-wealth-fund/

⁵¹ https://grenergy.eu/grenergy-secures-270-million-in-financing-to-install-3-5-gwh-of-batteries-in-phase-6-of-oasis-de-atacama/ Not for redistribution.



- Sep 10th: Watson Farley & Williams (WFW) advised lenders on a £ 594M debt package for the Thorpe Marsh BESS, a 1.45 GW project in Yorkshire, UK, which also received £ 200M in equity from the UK's National Wealth Fund. The financing consortium for this project includes major banks such as ABN Amro, China Minsheng, CIBC, Deutsche Bank, Investec, MUFG, NatWest, Nord LB, Santander, Siemens, SMBC, Société Générale, and Standard Chartered.⁵²
- Sep 1st: Verano Energy secured a \$ 204M financing package for its Domeyko PV+S (83 MW_p solar PV + 660 MWh BESS) near Vallenar in Chile's Atacama region. The financing—anchored by lenders including SMBC, Société Générale and Scotiabank—comes with a long-term offtake from energy retailer Abastible Total project cost is expected around \$ 247M. Construction is currently underway, with commercial operations targeted for late 2026.⁵³

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MOU and Partnerships

United States

- Sep 26th: During the United Nations General Assembly in New York, Fortescue, one of the world's largest iron ore producers, officially announced an international alliance aimed at accelerating global industrial decarbonization and building the lowest-cost, 24/7 clean energy systems capable of outcompeting fossil fuels. Fortescue plans to deploy 2-3GW of wind and solar energy generation supported by large-scale battery storage.⁵⁴
- Sep 8th: Stella Power Company (Stella), a distributed power business sponsored by Arroyo Investors, and Excelsior Energy Capital (Excelsior), a clean energy infrastructure investor, announced the formation of an alliance to enhance reliability at utility-scale renewable energy and BESS facilities by incorporating natural gas generation solutions to create firm low carbon power plants. This alliance brings a unique, all-of-the-above approach to powering energy-intensive businesses such as data centers. Together, Stella and Excelsior aim to deliver 24/7 power options, a minimum guaranteed carbon-free energy target, and rapid speed to market. With the alliance, Excelsior can offer low carbon firm power to its customers, including data centers and utilities, with time to power in as short as 18 months. Stella will bring its natural gas development and operational expertise to design gas generation solutions that Excelsior can integrate with its renewable and BESS projects. This solution combines the best of each technology to create a fast-response time, low

⁵² https://w.theasset.com/article/54918/thorpe-marsh-bess-reaches-financial-close

⁵³ https://www.pv-tech.org/verano-energy-secures-financing-for-83mw-660mwh-solar-plus-storage-project-in-chile/

⁵⁴ https://www.prnewswire.com/news-releases/envision-and-fortescue-join-forces-to-set-new-benchmark-for-renewable-energy-infrastructure-in-australia-302567935.html



carbon firm power solution to meet the unprecedented energy demand in the U.S.55

- Sep 5th: Spanish developer Elmya Energy and UK-based Atlantica Sustainable Infrastructure Ltd have formed a JV named Elmantic to develop 4 GW of utility-scale renewable energy projects in the US. This venture will focus on greenfield development of solar, wind, and battery storage projects, primarily within ERCOT and WECC markets.⁵⁶
- Sep 4th: Elmya Energy and Atlantica Sustainable Infrastructure Ltd announced the formation of Elmantic, a new JV to develop 4 GW of utility-scale renewable energy projects in the U.S. The Elmya Energy USA team, together with the Atlantica North America team, will spearhead all development activities for the new JV. Elmantic draws upon the deep, global project development expertise of Elmya and Atlantica's operational excellence and infrastructure investment capabilities. Founded as an electrical contractor in 1966, Elmya, based in Seville, Spain, has grown into a global renewable energy company connecting more than 3 GW of renewable energy projects worldwide.⁵⁷

International

- Sep 30th: Stadtwerke Duisburg Energiehandel GmbH has signed an agreement with terralayr to develop a
 BESS, marking a collaboration to integrate more renewable energy into the grid by harnessing energy
 flexibility from distributed BESS assets via terralayr's software platform. The partnership with terralayr, a
 provider of "flexibility as a service," enables Stadtwerke Duisburg to access the benefits of grid-scale BESS
 without managing the physical assets directly, using a virtual battery to balance energy supply and demand.⁵⁸
- Sep 26th: Founder Group Limited (FGL) and Planet QEOS Sdn. Bhd. entered into a Heads of Agreement to develop an RM 1.16B (\$ 276M) renewable energy project in Sarawak, Malaysia. This initiative is a core component of the Baram DeepTech Energy Programme, an effort to drive industrial growth and green technology adoption in the region. The project includes a 310 MWp solar power plant and a 620 MWh BESS. It aims to be Malaysia's first "firm" solar plant, providing reliable renewable electricity. A 200 MW Tier-4 Green Data Centre Park is also planned, powered by the new solar plant, expected to attract significant foreign investment and create jobs in the region.⁵⁹
- Sep 24th: The Eni Storage Systems JV between Eni (50% plus one share) and Seri Industrial has started the permitting process for a stationary battery production plant in Brindisi, Italy, aiming to produce 8 GWh/year of lithium iron-phosphate (LFP) batteries for the stationary energy storage market. The project is currently in the engineering and permitting phases, with these activities projected to conclude in Q1 2026, before the project moves to the execution phase for full-scale production.⁶⁰
- Sep 22nd: German companies Voltfang and Palladio Partners have partnered in a € 250M (\$ 295M) deal through 2029 to develop and commercialize grid-scale battery storage systems, aiming to strengthen the German grid by "early next year" with several hundred MWh of capacity. Palladio Partners will provide the financing, while Voltfang will handle the development and operation of the battery systems, which will include repurposed EV batteries to support grid stability.⁶¹
- Sep 22nd: Brookfield and Solarvest have partnered to develop 1.5 GW of utility-scale solar and battery storage in Malaysia, a collaboration focused on addressing the grid challenge of transforming daytime solar power into round-the-clock energy by adding battery storage. The JV combines Brookfield's global financing

⁵⁵https://www.businesswire.com/news/home/20250908632870/en/Stella-Power-Company-and-Excelsior-Energy-Capital-Align-to-Deliver-Firm-Low-Carbon-Power-to-Meet-US-Energy-Demand

⁵⁶ https://www.elmya.com/en/elmya-energy-and-atlantica-sustainable-infrastructure-launch-joint-venture-to-bring-online-4-gw-of-u-s-power-projects/

⁵⁷ https://www.prnewswire.com/news-releases/elmya-energy-and-atlantica-sustainable-infrastructure-launch-joint-venture-to-bring-online-4-gw-of-us-power-projects-302546460.html

⁵⁸ https://www.linkedin.com/posts/terralayr_terralayr-portfolio-is-maturing-rapidly-activity-7350469649790066688-MPr6

⁵⁹ https://www.stocktitan.net/news/FGL/founder-group-limited-announces-landmark-rm1-16-billion-usd276-kczc2lrpu7tv.html

⁶⁰ https://www.eni.com/en-IT/media/press-release/2025/09/eni-storage-systems-joint-venture-between-eni-and-fib-launches-activities-brindisi-to-develop-stationary-lithium-batteries.html

⁶¹ https://www.palladio-partners.com/en/news/palladio-partners-und-voltfang-starten-partnerschaft-fuer-batteriespeichersysteme/



capabilities with Solarvest's local engineering, procurement, and construction (EPC) expertise, establishing a repeatable platform for renewable energy delivery across the country.⁶²

- Sep 12th: VPI, a power company in the UK and Ireland, announced a JV with battery project developer, Quantitas Energy, to support Germany's energy transition. Initially, the JV aims to deliver 500 MW / 1 GWh of BESS. This will make it one of Germany's leading developers and operators of utility-scale batteries.⁶³
- Sep 10th: Energy storage provider Return is partnering with Bessmart to develop four battery storage plants totaling 310 MW / 670 MWh in Brandenburg, Saxony-Anhalt, and Saxony, with operations starting in 2027. Strategically placed on the 110-kilovolt grid, these facilities will help stabilize the power supply by managing renewable energy fluctuations and voltage issues, contributing to the region's overall energy security. The projects are scheduled to reach operations in 2027.⁶⁴
- Sep 9th: Indian company Servotech Renewable Power System has formed an exclusive partnership with China's Zhuhai Piwin New Energy Co. Ltd (Pilot Group) to locally manufacture advanced BESS in India. The collaboration will feature technology support from Zhuhai Piwin, with both companies aiming to provide scalable, future-ready energy storage solutions for India's renewable energy sector, aligning with the government's "Make in India" initiative.⁶⁵
- Sep 6th: The Ministry of Energy of the Syrian Arab Republic and ACWA Power, the world's largest private water desalination company, a leader in the global energy transition, and a first mover in green hydrogen, announced the signing of a Joint Development Agreement (JDA) to study develop approximately 2.5 GW of solar and wind capacity alongside energy storage and a proposed national technical training centre in the Syrian Arab Republic. The agreement establishes a framework to perform detailed technical and commercial studies on existing power plants and the national grid, and to evaluate, develop, and implement a pipeline of power projects, including renewable energy generation and energy storage.⁶⁶
- Sep 3rd: German energy storage company Intilion GmbH announced on Tuesday that it has completed the delivery of all major components for a 65 MWh BESS in Kappel, Switzerland. The project, for regional utility Primeo Energie, is designed to boost supply security and grid flexibility in the Swiss power grid. Intilion managed the entire logistics chain for the components, including the battery containers from China, via sea and inland shipping to their destination in Switzerland.⁶⁷
- Sep 2nd: A multinational consortium including Egyptian, Chinese, Bahraini, and Emirati companies plans to establish the "Atom Solar Project," a \$ 220M manufacturing facility in Egypt's Sokhna Industrial Zone. The facility will produce 2 GW of solar cells and 2 GW of solar modules annually, with cells for global export and panels for the domestic and regional markets, alongside 1 GWh of battery storage systems. The project, signed in late August 2025 with a land use contract witnessed by the Prime Minister, is a significant step in localizing solar technology in Egypt and boosting its renewable energy sector.⁶⁸
- Sep 2nd: Indian vehicle manufacturer Ashok Leyland has announced a strategic partnership with China's CALB Group to localize next-generation battery manufacturing in India, involving an investment of over INR 5,000 crore (approximately \$ 571M) over the next 7-10 years. This venture will initially focus on the automotive sector and later expand into non-automotive applications like ESS, establishing a Global Centre of Excellence for battery R&D. This initiative strengthens the company's commitment to India's electrification ecosystem and sustainable development goals.⁶⁹

⁶² https://solarvest.com/learn/news/brookfield-and-solarvest-partner-to-deliver-1-5gw-of-renewables-in-malaysia-over-next-three-to-five-years/

⁶³ https://vpi.energy/news/vpi-enters-germany-to-support-energy-transition-with-battery-storage-development/

⁶⁴ https://www.ess-news.com/2025/09/10/return-bessmart-to-connect-670-mwh-of-german-bess-by-2027/

⁶⁵ https://evertiq.com/design/2025-09-09-indias-servotech-signs-exclusive-strategic-partnership-with-zhuhai

⁶⁶ https://www.acwapower.com/news/ministry-of-energy-of-the-syrian-arab-republic-and-acwa-power-sign-joint-development-agreement-to-explore-develop-solar-and-wind-projects/

⁶⁷ https://intilion.com/en/large-scale-energy-storage-for-switzerland/

⁶⁸ https://www.reuters.com/business/energy/egypt-signs-220-million-solar-project-with-uae-china-bahrain-2025-08-27/

⁶⁹ https://www.ashokleyland.com/in/pressrelease/ashok-leyland-to-invest-in-the-battery-ecosystem-for-a-sustainable-india *Not for redistribution.*



Recent Project and Development Announcements

United States

- Sep 25th: Energy Vault Holdings Inc. (Energy Vault), a leader in sustainable, grid-scale energy storage solutions, and Pacific Gas and Electric Company (PG&E), a subsidiary of PG&E Corporation, announced the successful completion and commercial operation of the Calistoga Resiliency Center (CRC), a state-of-the-art hybrid microgrid energy storage facility, located in Calistoga, Calif., that integrates advanced hydrogen fuel cells with lithium-ion batteries. This landmark project provides a unique, fully sustainable solution to address power resiliency amidst the growing challenges of wildfire risk in California. The project, facilitated by the recent close of \$ 28M in financing, inclusive of the completed sale of the Investment Tax Credit associated with the project, is owned and operated by Energy Vault in collaboration with PG&E as the utility partner and distribution system operator under a long-term energy services agreement.⁷⁰
- Sep 24th: X-ELIO has officially launched operations at its Liberty Energy Project in Dayton, Texas. The Liberty project, which combines 72 MW of solar photovoltaic (PV) capacity with an additional 60 MW of battery storage capacity, is X-ELIO's first combined solar PV and BESS project in the U.S. With Liberty now operational, 100% of the expected imported power at BASF's Freeport site will be supplied by renewable energy. BASF will source 48 MW of electricity from the Liberty Project to help power its Freeport site as part of a 12-year Power Purchase Agreement (PPA) announced in 2022.⁷¹
- Sep 24th: Nofar USA, a wholly owned subsidiary of Nofar Energy, announced it has secured over 1 GW of solar development projects across multiple U.S. markets through a combination of acquisitions and exclusive development agreements. The transactions, completed in late August, expand Nofar USA's portfolio and encompasses utility-scale and distributed generation projects with commercial operations expected to start between 2026 and 2029.⁷²
- Sep 19th: On September 8, the Lingshou 200 MW / 400 MWh standalone energy storage project—jointly developed by EVE Energy and State Grid Power Technology—was successfully energized. It represents the world's first large-scale application of 628Ah cells in a 100MWh-level facility, setting a new benchmark for the industry. The world's first 400MWh energy storage project using 628Ah ultra-large cells has been successfully connected to the grid at Phase II of the Ruite New Energy Project in Lingshou, Hebei, China.⁷³
- Sep 18th: Jupiter Power LLC (Jupiter Powe") and Consumers Energy hosted a ribbon-cutting ceremony celebrating the successful commercial operations of the Tibbits Energy Storage Facility, the first-of-its-size operational BESS in Michigan. The 100 MW, four-hour duration facility, located in Coldwater Township, will help meet the increasing energy needs of Michigan residents. In June 2024, Consumers Energy announced a long-term agreement to purchase 100 MW of capacity from the Tibbits facility to be built and operated by Jupiter Power. The project went online earlier this summer and is the first of several large-scale battery projects that Consumers Energy will help bring online this decade.⁷⁴
- Sep 10th: Plus Power announced it is now operating its Cranberry Point Energy Storage facility in Carver, Massachusetts, the largest utility-scale standalone BESS on New England's grid. The facility is a significant milestone in the buildout supporting New England's energy infrastructure and grid reliability. In February

⁷⁰ https://www.prnewswire.com/news-releases/energy-vault-pge-announce-successful-completion-of-the-calistoga-resiliency-center-the-worlds-first-ultra-long-duration-hybrid-battery--hydrogen-energy-storage-microgrid-302567475.html

⁷¹ https://www.prnewswire.com/news-releases/x-elio-powers-on-texas-solar-and-storage-plant-that-will-supply-basf-freeport-operations-302566358.html ⁷² https://www.businesswire.com/news/home/20250919146612/en/Nofar-USA-Secures-New-Solar-Pipeline-Adding-More-Than-1-GW-of-Solar-to-Its-1.2-GWh-Portfolio-of-Storage-Projects-Under-Development

⁷³ https://www.prnewswire.com/news-releases/eve-energy-achieves-worlds-first-400mwh-energy-storage-project-with-628ah-ultra-large-cells-302562069.html

⁷⁴ https://www.prnewswire.com/news-releases/jupiter-power-consumers-energy-celebrate-michigans-first-operational-utility-scale-battery-energy-storage-system-302559910.html

17



- 2021, Cranberry Point was one of the first battery storage facilities to secure a Capacity Supply Obligation with the Independent System Operator of New England, or ISO-NE. At 150 MW / 300 MWh, Cranberry Point is helping the Commonwealth reach roughly a third of its goal to deploy 1,000 MWh of BESS by 2025.⁷⁵
- Sep 9th: Autel Energy, a global leader in EV charging and smart energy solutions, announced the completion of its first integrated EV charging and BESS project in the U.S. Officially permitted and approved by Duke Energy, this installation marks a major milestone in Autel Energy North America's portfolio and demonstrates the company's ability to deliver turnkey solutions that combine high-power charging with advanced energy storage. The Greensboro, North Carolina site located at Autel's manufacturing facility features a 250-kWh battery cabinet paired with a 125-kW power conversion system (PCS). The installation supports one Autel MaxiCharger DC Fast and two DC Compact units, providing reliable high-power charging while reducing peak demand costs and enhancing site resiliency.⁷⁶
- Sep 8th: Arevon Energy, Inc., an American energy developer, owner, and operator, shared at RE+ 2025 its milestone achievements and ambitious growth ahead. The company owns and operates more than 5.3 GW of solar, energy storage, and PV+S projects across 17 U.S. states, representing more than \$ 10B in capital investment. With 1 GW of new capacity under construction and a 9 GW development portfolio as well as \$ 4.5B in completed project financings over the last two years, Arevon is expanding into new markets and reinforcing its role in powering America's energy future.⁷⁷
- Sep 4th: Primergy announced that the Northern Crescent Solar + Storage project recently received unanimous approval from the Minnesota Public Utilities Commission (MPUC) for the project's site permit. The approval marks a significant milestone for the project, which includes up to 150 MW of grid-interconnected solar generation and 50 MW of grid-charged BESS capacity in Faribault County, Minnesota. Northern Crescent's permit approval will enable the project to find a suitable offtake customer and begin delivering energy to the grid in 2028 or sooner. The project is also expected to qualify for clean energy tax incentives, enabling competitive, long-term value for consumers. Once constructed, Northern Crescent will add critical energy generation and storage capacity to the Upper Midwest's energy infrastructure. The project reflects Primergy's continued investment in energy solutions tailored to local needs and designed in collaboration with community partners. The Northern Crescent project adds to Primergy's growing national portfolio, which includes over 10.3 GW of solar and 51.5 GWh of battery storage in development and construction, 1.2 GW of solar and 1.5 GWh of battery storage in its operational portfolio, and more than \$4B in financing raised to date. The storage in the storage in the solution of the storage in financing raised to date. The storage in the st
- Sep 2nd: LS Energy Solutions (LS-ES), a provider of grid-connected energy storage solutions, announced that commercial operations have commenced at the Big Rock energy storage site in Imperial County, California. The 200 MW / 400 MWh project, developed and operated in partnership with Gore Street Energy Storage Fund (GSF), is now providing resource adequacy (RA) and ancillary services for the California Independent System Operator (CAISO) electrical grid. The Big Rock site includes 137 LS-ES AiON-ESS containers storing energy for two-hour durations. LS-ES and GSF currently operate the site at 100 MW of deliverability to supply 400 MWh to CAISO and meet the four-hour discharge stipulation of a 12-year RA contract. In addition to supplying AiON-ESS containers, LS-ES is also supporting the site with operational services that include preventative and capacity maintenance, an extended warranty, and system remote

⁷⁵ https://www.prnewswire.com/news-releases/new-englands-largest-utility-scale-battery-energy-storage-system-now-online-302552534.html

⁷⁶ https://www.prnewswire.com/news-releases/autel-energy-completes-first-us-ev-charging--battery-storage-project-expands-turnkey-design-services-nationwide-302550282.html

 $^{^{77}\} https://www.prnewswire.com/news-releases/are von-surpasses-10-billion-in-operating-assets-expanding-its-american-energy-portfolio-302548642. html$

⁷⁸ https://www.businesswire.com/news/home/20250904028158/en/Primergys-Northern-Crescent-Project-Receives-Unanimous-Site-Permit-Approval-from-Minnesota-Regulators

⁷⁹ https://www.businesswire.com/news/home/20250904028158/en/Primergys-Northern-Crescent-Project-Receives-Unanimous-Site-Permit-Approval-from-Minnesota-Regulators

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monitoring for the life of the project.80

• Sep 2nd: Ormat Technologies Inc. (Ormat), a geothermal and renewable energy company, announced the successful commencement of commercial operations at its Lower Rio energy storage facility. This 60 MW / 120 MWh BESS, located in Texas, will provide energy and ancillary services under a seven-year tolling agreement. ⁸¹Ormat also recently signed a Hybrid Tax Equity partnership with Morgan Stanley Renewables, Inc. to monetize the 40% Investment Tax Credit (ITC) for which the Lower Rio project is eligible. The transaction resulted in approximately \$ 25.0M in proceeds, advancing our goal of monetizing \$ 160M of tax benefits this year. This milestone represents Ormat's continued commitment to strategically growing its Energy Storage segment in key U.S. markets. With the addition of the Lower Rio facility, Ormat's total capacity in the U.S. now stands at 350 MW / 778 MWh. ⁸²

International

- Sep 30th: Samsung C&T Renewable Energy Australia has submitted plans for the Dunmore Solar Farm Project (300 MW Solar PV + 150 MW / 300 MWh BESS) in Queensland for review under Australia's Environment Protection and Biodiversity Conservation (EPBC) Act. The proposed project will be located in Dunmore, within the Toowoomba Region, approximately 240 kilometers west of Brisbane. The project is expected to reach operations in 2029.⁸³
- Sep 30th: Austrian energy company Illwerke vkw AG is expanding its renewable energy capabilities by planning to acquire wind farms in Germany and construct a 400 MWh battery storage facility in Austria to meet growing energy demands and provide renewable power to its customers in Vorarlberg and Western Allgaeu by 2040. This strategy addresses a projected need for an additional 1,000 GWh of renewable energy by 2040.⁸⁴
- Sep 30th: Colbun SA, a utility company based in Chile, has begun building a 228 MW BESS with a capacity
 of 912 MWh at its Diego de Almagro Sur solar facility in the Atacama area. The initiative will incorporate
 batteries provided by Canadian Solar e-STORAGE, and Colbun anticipates commissioning the BESS by
 December 2026.⁸⁵
- Sep 29th: Abu Dhabi-based Global South Utilities (GSU) has inaugurated the Noor Chad 50 MW Solar PV Plant in N'Djamena, Chad, which is the country's first utility-scale solar facility. The plant, which includes a 5 MWh BESS, will supply electricity to around 274,000 homes and aims to reduce Chad's reliance on imported diesel by providing clean energy. This project marks GSU's first successful commissioning of a project in Africa.⁸⁶
- Sep 29th: Stanwell Corporation, the Queensland government-owned power producer, reports that it's approaching the midpoint of building what will temporarily serve as the state's largest battery storage endeavor. The 300 MW / 1,200 MWh battery, situated at the Stanwell coal-fired power plant in Rockhampton, involved shipping 324 Tesla Megapacks from the Port of Brisbane to the location. Stanwell projects the battery setup to start commercial activities in May 2027.⁸⁷
- Sep 29th: ABO Energy is shifting from being solely a renewable energy project developer to a full-service Independent Power Producer (IPP) by building and operating its own wind, solar, and battery storage

⁸⁰ https://www.globenewswire.com/news-release/2025/09/04/3144545/0/en/LS-Energy-Solutions-in-Commercial-Operations-for-CAISO-at-Big-Rock-200-MW-400-MWh-Energy-Storage-Site.html

⁸¹ https://investor.ormat.com/news-events/news/news-details/2025/Ormat-Commences-Commercial-Operation-of-Lower-Rio-Energy-Storage-Facility-Delivering-60MW120MWH-of-Energy-Storage-Capacity/default.aspx

⁸² https://investor.ormat.com/news-events/news/news-details/2025/Ormat-Commences-Commercial-Operation-of-Lower-Rio-Energy-Storage-Facility-Delivering-60MW120MWH-of-Energy-Storage-Capacity/default.aspx

⁸³ https://www.energy-storage.news/new-community-batteries-launch-in-queensland-and-victoria-australia/

⁸⁴ https://renewablesnow.com/news/illwerke-plans-wind-park-acquisitions-in-germany-1282450/

⁸⁵ https://renewablesnow.com/news/chiles-colbun-breaks-ground-on-228-mw-bess-at-atacama-solar-farm-1282410/

⁸⁶ https://finance.yahoo.com/news/noor-chad-50mw-solar-plant-111437383.html

⁸⁷ https://reneweconomy.com.au/construction-of-queenslands-biggest-battery-nears-halfway-mark-after-324-megapacks-complete-650-km-road-trip/ Not for redistribution.



facilities. This strategic expansion aims to create an integrated portfolio, tap into new business areas, and offer tailored electricity solutions to large consumers, leveraging its nearly 30 years of project development expertise in a dynamic energy market.⁸⁸

- Sep 29th: ADS-TEC Energy GmbH is constructing one of the world's largest BESS in southern Germany (1 GW / 2 GWh). This project, which has local and grid connection approvals, aims to integrate more renewable energy, provide grid stability, and generate significant revenue by operating in wholesale and capacity markets. The facility is scheduled for completion and commissioning by 2029 and will include integrated large-scale solar installations.⁸⁹
- Sep 29th: Sineng Electric and Trina Storage have successfully commissioned the 150 MW / 300 MWh Abydos utility-scale BESS in Egypt. This project integrates Sineng's centralized PCS with Trina Storage's Elementa liquid-cooled BESS. Located in Kom Ombo, Aswan Governorate, the project is part of a 500MW solar park and represents Egypt's first grid-connected, utility-scale BESS.⁹⁰
- Sep 29th: Switzerland's Phenogy has launched Europe's largest sodium-ion battery installation in northern Germany, a single-container system near Bremen Airport with 400 kW of power and nearly 1 MWh of storage. The deployment, which uses an existing 50 kW solar array, is operating in "island mode" to optimize energy use on-site and power EV chargers.⁹¹
- Sep 26th: The Pampino Photovoltaic Park, a \$ 263M, 467-hectare project by Zelestra Chile featuring a 170 MW solar plant and a 1.02 GWh storage system, has been approved by Chile's Environmental Impact Assessment System. Located in Pozo Almonte, Tarapacá region, the project will connect to the National Electric System via two 220 kV transmission lines and is scheduled for construction in June 2028, with operation commencing in September 2029.⁹²
- Sep 26th: ADS-TEC Energy PLC, a global leader in battery-based energy storage and fast-charging systems, announced plans to implement one of the world's largest BESS. Located in southern Germany, the project is designed to deliver 1 GW of output with a storage capacity of approximately 2 GWh, marking a significant milestone in the company's history and strengthening the foundation for a stable and sustainable energy system. Development of the large-scale BESS project began nine months ago. With a planned capacity of nearly 2 GWh, the facility when completed will have the ability to cover the daily energy consumption of approximately 250,000 single-family homes. The project has already received unanimous approval from the local city council, while the transmission system operator (TSO) has provided positive assessment for the extra-high voltage grid connection. Project development and financing are expected to be finalized by mid-2026, with commissioning scheduled for 2029, subject to receipt of regulatory approval. Once operational, the facility is expected to operate for several decades. The BESS will be supplemented by double-digit MW peak large-scale solar panel installations for on-site consumption. The combination of BESS and photovoltaics (PV) not only advances the energy transition but also enhances the economic performance of the entire project.⁹³
- Sep 25th: UK-based power generator Infinis has begun constructing two solar parks totaling 87 MW in the
 UK. The projects include the 37.3 MW Ford Oaks Solar Park in Devon and the Oaklands Solar and BESS
 Energy Park (50 MW Solar PV + 46 MW BESS) in the Vale of Glamorgan, Wales. The Oaklands site in Wales
 will be Infinis's first co-located solar and BESS project.⁹⁴

⁸⁸ https://www.aboenergy.com/en/media-center/press/2025/2025-09-26 ipp en.html

⁸⁹ https://finance.yahoo.com/news/ads-tec-energy-plans-1-040000273.html

⁹⁰ https://en.si-neng.com/about/news/122

⁹¹ https://www.pv-magazine.com/2025/09/25/europes-largest-sodium-ion-battery-installation-goes-live/

⁹² https://www.bnamericas.com/en/news/us263mn-pampino-expands-zelestras-chile-energy-permitting-pipeline

⁹³ https://www.businesswire.com/news/home/20250926404412/en/ADS-TEC-Energy-Announces-One-of-the-Worlds-Largest-Battery-Energy-Storage-Projects

⁹⁴ https://list.solar/news/infinis-launches/



- Sep 25th: The Avaada Group launched two major clean energy projects in Bikaner, Rajasthan, India, representing a combined investment of over ₹ 9,200 crore. First, the company celebrated civil works completion on the Pugal Project (1,560 MW Solar PV+ 2,500 MWh BESS) in Pugal. Second the company inaugurated a 280 MWp Solar PV, also in the Bikaner region.⁹⁵
- Sep 23rd: RWE Renewables Australia has achieved a major milestone in Australia's energy transition with the successful registration of the country's first eight-hour BESS, located at the Limondale Solar Farm near Balranald in New South Wales. The Limondale BESS, comprising 144 Tesla Megapacks, has a capacity of over 50 MW and 400 MWh, making it the longest duration gridscale battery operating in the country. This milestone marks the transition from construction into hold point testing, with the system expected to be fully commissioned by the end of this year. The project was the first recipient of a Long-Term Energy Service Agreement (LTESA) under New South Wales' Long Duration Storage tender.⁹⁶
- Sep 23rd: New Zealand's first large-scale grid battery, the 100 MW / 200 MWh Ruakākā BESS, has reportedly helped lower electricity prices since beginning market participation in late July 2025, according to the country's market operator, Transpower. Located next to a 130 MW solar farm south of Whangārei, the battery, commissioned in May 2025, has demonstrated a downward trend in reserve prices since its introduction.⁹⁷
- Sep 23rd: Pacific Green, a global BESS company, has secured planning permit from the Victorian Government for its second Australian grid-scale battery energy park located in Portland, Victoria, Australia. The Portland Energy Park, providing up to 1GW of firming capacity, will be developed in phases over the next 36 months. Once constructed, it will become Australia's largest battery energy park. Following the successful development of 1 GWh of BESS at Limestone Coast, South Australia, Portland Energy Park represents the next step in Pacific Green's ambition to develop its pipeline of over 7 GWh of battery energy parks across the National Electricity Market. 98
- Sep 23rd: A new solar-battery hybrid system, a JV between Aboitiz Power Distributed Renewables Inc. (APx) and Upgrade Energy Philippines (UGEP), has been inaugurated to provide stable and sustainable power to Balesin Island in the Philippines. The system, which includes a 4.1 MWp ground-mounted solar array and a 5.5 MWh battery storage, aims to meet 60% of the island's monthly energy needs, significantly reducing its reliance on expensive and polluting diesel generators and enhancing energy resilience for its residents, businesses, and tourists.⁹⁹
- Sep 22nd: Edify Energy's proposed Nowingi Solar Power Station (300 MW Solar PV + 300 MW, 2,400 MWh BESS) near Mildura, Victoria, has been determined to be a "not a controlled action" under Australia's Environment Protection and Biodiversity Conservation (EPBC) Act. This designation means the project, which includes a large-scale eight-hour battery, is cleared for development because it is not expected to have a significant impact on matters of national environmental significance.¹⁰⁰
- Sep 22nd: A 400 MW, 1,600 MWh battery storage facility called the Belah BESS has been proposed for the Western Downs region of Queensland by LP Renewables and Eku Energy, a Macquarie Group offshoot. The project, planned near Chinchilla, has been submitted to the federal government for assessment under the EPBC Act and will be located next to the Orana substation.¹⁰¹
- Sep 22nd: PGE Polska Grupa Energetyczna has started construction of its Żarnowiec Energy Storage Facility

⁹⁵ https://www.thehindubusinessline.com/companies/pm-modi-lays-foundation-of-indias-largest-2500-mwh-battery-storage-project-inrajasthan/article70095157.ece

⁹⁶ https://www.rwe.com/en/press/rwe-renewables-europe-australia/2025-09-23-australias-first-eight-hour-battery-system-registered-with-aemo/

⁹⁷ https://reneweconomy.com.au/new-zealands-first-big-battery-is-already-pushing-down-prices-market-operator-says/

⁹⁸ https://www.globenewswire.com/news-release/2025/09/22/3154352/0/en/Pacific-Green-Achieves-Planning-Permit-for-1GW-2-5GWh-Portland-Energy-Park.html

⁹⁹ https://powerphilippines.com/aboitiz-and-ugep-deliver-solar-storage-for-balesin/

¹⁰⁰ https://www.agriculturaltimesaustralia.com/latest-news

¹⁰¹ https://reneweconomy.com.au/macquarie-backed-eku-unveils-a-new-400-mw-1600-mwh-battery-storage-project-in-queensland/ Not for redistribution.



(262 MW / 981 MWh BESS) in Żarnowiec, a project that will be one of Europe's largest when completed in the second quarter of 2027. The facility, built by LG Energy Solution Wrocław, will provide grid stability for Poland's expanding renewable energy sources, like offshore wind farms, and is crucial for the nation's energy transformation. Commercial operations are expected in the second quarter of 2027.¹⁰²

- Sep 22nd: Capital Power Corporation (Capital Power) announced that its 120 MW York BESS and 50 MW Goreway BESS projects have successfully achieved commercial operations. A leader of Ontario's BESS development, Capital Power delivered both projects on time, under budget and with an excellent safety record. Combined, both projects will add roughly \$ 35M in contracted annual EBITDA for over 20 years. The projects are contracted until 2047 with the Ontario IESO (part of their Expedited Long-Term 1 RFP process).¹⁰³
- Sep 22nd: Ampeak Energy held a groundbreaking ceremony for its AW1 Battery Storage Project (120 MW / 240 MWh project, with a potential to expand to 480 MW) at the Uskmouth Sustainable Energy Park, marking the financial close of the project and celebrating its transformation of a former coal plant into a large-scale energy facility. This event showcased progress on the AW1 project and plans for future developments, with CEO Graham Reid highlighting the project's strategic importance for the UK's energy system and its role in the Uskmouth site's regeneration. The company also announced plans for the much larger AW2 project, which will be twice the size of AW1.¹⁰⁴
- Sep 22nd: SUNOTEC has launched SUNOTEC Nordic, a new entity to expand its large-scale solar and hybrid renewable projects across the Nordic region, reflecting a strategic shift to a fully integrated turnkey and lifecycle partner. This move aims to support the region's climate goals by offering comprehensive Engineering, Procurement, and Construction (EPC), commissioning, and Operations & Maintenance (O&M) services, strengthening SUNOTEC's market position. The new Nordic unit is headed by Allan Hønholt Jensen and will focus on strengthening partnerships and expanding the company's integrated approach to project delivery.¹⁰⁵
- Sep 19th: Aukera Energy has received planning approval from the York City Council for a 249.9 MW BESS project near York, North Yorkshire. The project will store surplus clean energy from sources like wind and solar, then release it during peak demand, providing essential flexible infrastructure to support Britain's transition to more renewables. The approval is seen as a major step for large-scale battery storage in the UK.¹⁰⁶
- Sep 18th: Renewable Power Capital (RPC) and its partner Greenfield have secured planning consent for 82 MW of BESS capacity in the UK, adding to the country's efforts to stabilize a power grid with increasing intermittent renewable generation. The projects (Canalside 60 MW in Wombourne, Staffordshire and Sacketts Hill (22 MW in Thanet, Kent) will help balance supply and demand by charging during periods of low-cost surplus generation and discharging during peak evening hours. They will also provide rapid frequency response to stabilize the grid during sudden supply or demand changes.¹⁰⁷
- Sep 18th: Citicore Renewable Energy has brought online what it bills as the Philippines' first "baseload" solar
 project: a 197 MWp photovoltaic plant in Luzon coupled with a 320 MWh BESS. The configuration shifts
 daytime generation into the evening peak and allows the operator to deliver a firm block of power under

¹⁰² https://ceenergynews.com/renewables/pge-to-build-one-of-the-largest-battery-energy-storage-facilities-in-europe/

¹⁰³ https://www.globenewswire.com/news-release/2025/09/22/3153974/0/en/Strengthening-Ontario-s-grid-Capital-Power-commissions-two-Battery-Energy-Storage-Projects.html

¹⁰⁴ https://ampeak.energy/uskmouth-sustainable-energy-park/

¹⁰⁵ https://press.sunotec-group.com/pressreleases/sunotec-strengthens-presence-in-the-nordics-with-new-entity-and-expanded-turnkey-offering-3403933

¹⁰⁶ https://www.linkedin.com/posts/clean-energy-pipeline_aukera-energy-receives-nod-for-bess-project-activity-7374367922800156672-cVVp

¹⁰⁷ https://www.renewablepowercapital.com/rpc-and-greenfield-secure-planning-permission-for-two-gb-bess-projects-in-partnership-to-build-a-clean-and-flexible-energy-system/



contract—hence the baseload label—while still dispatching quickly for grid support. 108

- Sep 18th: Lightsource bp has begun construction on the 10-hour Goulburn River hybrid solar and battery project in New South Wales, Australia, which features a 49 MW DC-coupled battery sharing a connection with its 584 MW DC solar farm. This marks Lightsource bp's first DC-coupled hybrid project in Australia, designed to store surplus solar energy and discharge it during peak evening times, supporting the grid with long-duration energy storage.¹⁰⁹
- Sep 18th: Chinese developer Shenzhen-based Tigstor recently connected the world's largest hybrid energy storage plant, a 100 MW facility in Shanxi province, to the grid, integrating supercapacitors and lithium-ion batteries for ultra-fast frequency regulation. This innovative system leverages the ultra-fast response of supercapacitors and the longer-duration storage of batteries to stabilize the power grid, extend battery life, and enable greater integration of renewable energy. The hybrid design sets a benchmark for future energy storage deployments.¹¹⁰
- Sep 17th: The Phillipines Energy Regulatory Commission (ER) launched the country's first hybrid solar and baseload BESS at CS Batangas 1. The project, developed by Citicore Renewable Energy Corporation (CREC), was officially inaugurated by President Ferdinand R. Marcos Jr. in Tuy, Batangas. CS Batangas 1 integrates a 197 MW Solar PV + 320 MWh BESS, marking a significant milestone in the Philippines' renewable energy transition.¹¹¹
- Sep 16th: Western Australia planners have given rapid approval to Trina Solar's \$ 700M Killawarra solar-battery hybrid project, which will feature a 400 MW solar farm and a 400 MW / 1,600 MWh battery system. The project, located near Kadathinni, north of Perth, received approval in just two and a half months, enabling it to tap into the state's growing industrial energy demand and grid expansion.¹¹²
- Sep 15th: EDF Renewables Australia's proposed Dawson wind project, which will combine 75 wind turbines with a 500 MW / 1,000 MWh BESS, has been submitted for federal environmental assessment in Queensland, Australia. The project, located near Banana, is the planned second phase of the Banana Range wind farm, acquired by EDF in 2021. Public consultation was conducted through September 15th. 113
- Sep 12th: German developer green flexibility has started construction on a 40 MW / 80 MWh grid-neutral BESS in Bavaria, Germany, to manage excess solar power, support peak evening demand, and stabilize the grid. This pilot project, dubbed "Feed-in Socket," uses smart controls to make the most of limited grid connection capacity by soaking up solar during the day and redeploying it when needed, helping to integrate more renewables and maintain network stability.¹¹⁴
- Sep 11th: PS Renewables and EDF Power Solutions UK & Ireland have announced plans for the South Brooks Solar Farm, a 50+ MW Solar PV + BESS in Kent, England. The early engagement process with local residents began with a six-week consultation running from September 18 to October 30, 2025. 115
- Sep 11th: Neoen Australia plans to build the up to 500 MW Yathroo Wind Farm and an eight-hour battery in Western Australia to support the state's coal phase-out. The project is slated for freehold land in the Shire of Dandaragan, approximately 120 km north of Perth.¹¹⁶
- Sep 11th: Moldova's government has approved the construction of a 22 MW solar farm in the Laloveni district, which will include 16.512 MWh of energy storage capacity. The project, being developed by the

¹⁰⁸ https://list.solar/news/citicore-energises/

¹⁰⁹ https://lightsourcebp.com/news/australia-lightsource-bp-advances-its-first-solar-and-storage-hybrid-project/

¹¹⁰ https://e-greenify.com/news/china-launches-the-worlds-largest-hybrid-energy-storage-system-based-on-batteries-and-supercapacitors/

¹¹¹ https://www.blackridgeresearch.com/news-releases/philippines-inaugurates-first-hybrid-solar-battery-storage-plant-

batangas?srsltid=AfmBOorJ54W6Q_wRkDptXdcNnkx_v2m_26nF0El3d7_uD_ThPn6eqlli

¹¹² https://www.linkedin.com/posts/wa-business-news_panel-approves-700m-solar-battery-build-activity-7373602948142190593-lzMh

¹¹³ https://www.blogotariat.com/node/6209008

¹¹⁴ https://list.solar/news/bavarias-green/

 $^{^{115}\} https://psrenewables.com/views-invited-on-new-solar-farm-in-kent-which-could-power-over-140000-homes/$

¹¹⁶ https://esdnews.com.au/neoen-proposes-wind-farm-with-massive-battery-in-wa/



pharmaceutical distributor SRL TPI-PHARM, aims to bolster the country's energy independence and increase its renewable energy capacity. 117

- Sep 9th: Bluefield, a UK renewables company, has received planning approval for four clean energy projects:¹¹⁸
 - o Water Hall Solar Farm: Located in West Sussex, this solar farm will have a capacity of 35 MW.
 - Rookery Solar Farm: Situated in Huntingdonshire, this project includes 49.9 MW of solar capacity alongside a 40 MW BESS facility.
 - BESS co-location: The additional BESS approvals will be added to previously consented solar farms at Low Horton in Northumberland and Tar Farm in Oxfordshire.
- Sep 6th: Neoen completed Stage 2 of the Western Downs BESS in Queensland six weeks ahead of schedule, adding 540 MWh to the existing 540 MWh Stage 1, resulting in a combined capacity of 1,080 MWh. This early completion allows for enhanced management of Queensland's fluctuating solar energy, enabling the storage of daytime solar power to meet evening peak demand. The project, which uses Tesla Megapack technology and features grid-forming capabilities, is now Queensland's largest registered BESS.¹¹⁹
- Sep 5th: Enpowered Pty Ltd, a subsidiary of Hesperia Property Ptd Ltd., received approval from the Regional Joint Development Assessment Panel (DAP) in Western Australia for a 60 MW Solar PV + 200 MW BESS, near the town of Collie.¹²⁰
- Sep 5th: State-owned electricity generation and transmission company AzerEnergy is building a 250 MW / 500 MWh BESS projects the largest of their kind in Azerbaijan to date. The systems are being built on two key locations the 500 kV Absheron substation near the capital and the 220 kV Agdash substation in central Azerbaijan. According to AzerEnergy, construction is in progress, and key system components are being delivered to the sites.¹²¹
- Sep 2nd: French renewable energy producer Neoen has completed its second BESS in Yllikkala, Finland, near Lappeenranta, a 56 MW / 113 MWh facility named Yllikkälä Power Reserve Two. This new installation will support the Finnish national grid by enhancing its stability and reliability, operating in Fingrid's reserve markets. The new battery is the largest in the Nordics and is located next to Neoen's first Finnish BESS, the 30 MW / 30 MWh Yllikkälä Power Reserve One. 122
- Sep 2nd: A Polish consortium has begun construction of the POSTEN project, a 2 MW floating solar farm with 2 MW BESS on a mine reservoir in Gliwice, funded by € 6.8M from the EU's Research Fund for Coal and Steel. The pilot project will remain in place until at least 2029, with flexibility to move modules to other reservoirs or reclaimed mine lands. Electricity generated could then be used for mine rehabilitation and reclamation works, providing both environmental and social value. Before scaling to the full facility in 2027, the team plans to test a 155-kW mini floating PV farm at a mine in Mikołów by the end of this year. The goal is to repurpose post-mining infrastructure for renewable energy, eventually providing power for mine reclamation efforts and serving as a model for future large-scale solar installations in Poland. 123

¹¹⁷ https://voiceofrenewables.com/moldova-approves-new-pv-plant/

¹¹⁸ https://www.solarpowerportal.co.uk/solar-projects/bluefield-clinches-consent-four-solar-bess-projects

¹¹⁹ https://www.linkedin.com/posts/neoen-australia_construction-acceleratingtheenergytransition-activity-7369639173063938051-747R

¹²⁰ https://www.pvknowhow.com/news/australia-battery-storage-impressive-2024-project-approved/

¹²¹ https://ceenergynews.com/renewables/azerbaijan-builds-the-regions-largest-battery-storage-systems/

¹²² https://neoen.com/en/news/2023/neoen-launches-construction-of-yllikkala-power-reserve-two-in-finland-the-largest-battery-in-the-nordics/

¹²³ https://list.solar/news/poland-turns/



Vendor / OEM News

- Sep 30th: Sungrow has successfully connected the first half of ENGIE's 200 MW / 800MWh BESS project in Vilvoorde, Belgium, to the grid, a milestone for the mainland Europe's largest project of its kind. This initial 400 MWh phase uses 320 units of Sungrow's advanced liquid-cooled PowerTitan battery system, with the second phase of 400 MWh scheduled to come online in January 2026.¹²⁴
- Sep 30th: Swiss-based technical compliance firm Sinovoltaics has launched a "Virtual PV and BESS Factory Platform" that offers 360-degree video and VR tours of battery and solar manufacturing facilities. The tours are designed to give renewable energy professionals direct insight into manufacturing, quality control, and labor conditions at Tier-1 factories globally, without requiring them to travel. 125
- Sep 29th: U.S. startup BESSt has launched a new zinc-polyiodide redox flow battery, which reportedly achieves 20 times the energy density of conventional vanadium redox flow batteries. This technology, based on a U.S. Department of Energy-developed chemistry, offers a non-flammable, compact, and safe energy storage solution for commercial, industrial, and critical infrastructure applications, including data centers and cold storage facilities.¹²⁶
- Sep 27th: Sunrise New Energy plans to build a 1GW lithium battery pack manufacturing facility in the U.S. through its subsidiary, Alchemistica Incorporated, to meet the growing demand for energy storage in the North American residential, commercial, and industrial markets. This strategic move, announced in late September 2025, is also intended to drive sales of the company's graphite anode materials for batteries and lay the groundwork for a broader new energy industry ecosystem in the region.¹²⁷
- Sep 26th: Cornex launched a new 588Ah battery cell, just six months after the previous 472Ah model, demonstrating a fast progression of cell capacities from 280Ah, 306Ah, and 314Ah. The 588Ah cell features 190Wh/kg energy density and 96.5% efficiency, built on the same manufacturing processes as the 472Ah cell for faster scaling. Cornex plans to ramp up the new 588Ah cell to commercial production starting next year, following the scaling of the 472Ah model to over 80 GWh of annual production.¹²⁸
- Sep 26th: Peak Energy's 3.5 MWh grid-scale sodium-ion battery system, the first in the U.S., is now operating at Colorado's SolarTAC facility to gather data for nine collaborating utilities and independent power producers (IPPs). This system utilizes a patent-pending passive cooling architecture, which eliminates moving parts and active cooling, reducing auxiliary power usage, operational costs, and battery degradation. Peak Energy expects to launch commercial-scale sodium-ion projects by 2027 and is developing a U.S. cell manufacturing facility planned to start production in 2026.¹²⁹
- Sep 25th: Clou, a BNEF Tier 1 ESS provider, unveiled its next-generation Aqua-C3.0 Pro liquid-cooled ESS for the first time in Europe at Solar & Storage Live UK 2025 in Birmingham. The system features a 600Ah+ ultra-large capacity cell and a single-cabinet capacity of 6.88MWh. It achieves a significant leap in system efficiency, safety, and O&M convenience, reducing the total cost of ownership (TCO) by 10.63%. Utilizing direct cooling technology to bring refrigerant straight to cells, alongside the proprietary Smart Scales balancing technology and SiC String PCS, the system delivers an RTE of 92.3% and boosts total lifetime energy output by 4%.¹³⁰
- Sep 25th: Trina Storage debuted its Elementa 2 Pro Platform at RE+ 2025 in Las Vegas. This event marked

¹²⁴ https://theenergyst.com/sungrow-and-engie-complete-first-400mwh-of-europes-largest-battery-storage-project/

¹²⁵ https://sinovoltaics.com/solar-market/sinovoltaics-charging-up-for-global-expansion-switzerland-and-usa/

¹²⁶ https://ground.news/article/us-startup-unveils-zinc-polyiodid-redox-flow-battery-with-energy-density-of-320-wh-l

¹²⁷ https://www.globenewswire.com/de/news-release/2025/09/26/3157233/0/en/Sunrise-New-Energy-Announces-1GW-U-S-Lithium-Battery-Pack-Project-Driving-Growth-in-Anode-Material-

 $Sales.html?utm_content=skyepack\%3Ftype\%3DLISTING_PAGE\&utm_campaign=PANTHEON_STRIPPED\&utm_medium=PANTHEON_STRIPPED\&utm_m_source=blog\&\%3Futm_content=buffer865cc$

¹²⁸ https://www.evlithium.com/lifepo4-battery-news/cornex-588ah-battery-launch.html

¹²⁹ https://www.modernpowersystems.com/news/peak-energy-launches-first-grid-scale-sodium-ion-battery-in-us/

¹³⁰ https://www.prnewswire.com/news-releases/clou-unveils-the-latest-energy-storage-innovations-at-solar--storage-live-uk-302566892.html



the platform's first major exhibition following its August 26, 2025, North American launch. 131

- Sep 23rd: Sungrow, a global leader in PV inverters and ESS, announced the successful commissioning of the Citicore Solar (CS) Batangas 1 Project in Lumbangan, Tuy. This marks the first phase of Citicore's landmark 1.5 GWh BESS initiative and the Philippines' first solar power plant equipped with large-scale battery storage capable of providing true baseload renewable energy. Powered by Sungrow's PowerTitan 2.0 solution, the 197 MWp solar facility paired with a 125 MW / 320 MWh BESS achieved record-fast VSG off-grid commissioning in just two days, setting a new standard for efficiency and reliability in hybrid renewable projects.¹³²
- Sep 22nd: BYD recently launched the HaoHan ESS, featuring a 14.5 MWh capacity—nearly double that of a
 Tesla Megapack 3—thanks to its new, world's largest 2710Ah Blade Battery. This system offers significantly
 higher volumetric energy density, potentially reducing grid-scale storage project costs by over 20% through
 fewer units and less land use. The HaoHan also introduces the GC Flux inverter and GC Master EMS,
 enhancing grid stability and intelligent management for large-scale projects.¹³³
- Sep 18th: PotisEdge has launched the PotisBank-L6.25-AC, a new utility-scale liquid-cooled BESS offering 6.25 MWh of nominal capacity per cabinet. This LFP-based, all-in-one containerized system comes in two versions: the PotisBank-L6.25-AC-4h with 1.72 MW of power output for longer durations and the PotisBank-L6.25-AC-2h with 3.44 MW of higher power output for shorter durations. The system is described as having a round-trip efficiency of over 94% and low Total Harmonic Distortion (THD) of less than 3%.¹³⁴
- Sep 18th: Global energy storage leader AlphaESS officially launches two new C&I systems, the STORION-TB125 and STORION-H30/H50-G3, designed to redefine efficiency, safety and scalability for businesses, accelerating the shift toward smarter and more profitable energy use while delivering industry-leading safety and ROI in as fast as 3 years. The STORION-TB125 is a Pre-Assembled Liquid-Cooled ESS integrating PCS, EMS, BMS, battery modules, liquid cooling, and fire suppression into a single cabinet. Each unit delivers 125 kW / 261.2 kWh, extendable to 522.4 kWh per system and up to 50 units in parallel for multi-MWh projects. Advanced liquid-cooling keeps cell temperature differences within ≤3°C, while Active Balancing technology extends lifespan by 10%+. Supporting AC coupling with solar PV, diesel generators, EV charging, and the grid, the TB125 maximizes system flexibility.
 - Equipped with EMS 5.0 and STS (Static Transfer Switch) providing ≤20 ms seamless backup, it ensures safety, reliability, and business continuity even in unstable and congested grids. Certified to UL9540A, NFPA 68 and IP55, it delivers multi-layer protection in any environment.¹³⁵
- Sep 11th: Power Up Connect has introduced the MBESS 90 kWh, recognized as the world's first International Fire Code compliant Mobile BESS. This milestone represents the result of a three-year collaboration between Power Up Connect and Dominion Energy and was officially unveiled at CES 2025 in Las Vegas, Nevada. Currently, the MBESS 90 kWh is the only MBESS to achieve UL 9540 listing and is now available for commercial purchase.¹³⁶
- Sep 11th: Cummins has launched its BESS in India, offering plug-and-play solutions for commercial, industrial, and mission-critical applications. The containerized, AC-output systems come in 10-foot (211-422)

¹³¹ https://www.globenewswire.com/news-release/2025/09/02/3142935/0/en/Trina-Storage-Showcases-Next-Generation-Utility-Scale-Storage-Solution-at-RE-2025-Highlighting-Commitment-to-the-U-S-Market.html

¹³² https://en.sungrowpower.com/newsDetail/6696

¹³³ https://electrek.co/2025/09/22/byd-unveils-tesla-megapack-competitor-twice-capacity/

https://www.prnewswire.com/news-releases/potisedge-announces-strategic-market-advancements-and-next-generation-energy-storage-solutions-at-re-2025-reinforcing-north-american-presence-302560342.html

¹³⁵ https://www.prnewswire.com/news-releases/alphaess-launches-next-gen-ci-portfolio-pre-assembled-liquid-cooled-storion-tb125-and-true-all-in-one-storion-h30h50-g3-302560558.html

¹³⁶ https://www.prnewswire.com/news-releases/power-up-connect-launches-the-worlds-first-of-its-kind-mobile-battery-storage-system-mbess-302554059.html



kWh) and 20-foot (633-2,280 kWh) configurations, featuring LFP batteries, liquid cooling, and a comprehensive safety system to support India's clean energy transition. 137

- Sep 11th: Technology group Wärtsilä has successfully completed large-scale testing of its proprietary Active Ignition Mitigation System (AIMS). AIMS is engineered to mitigate potential flammable gas build-up during an abnormal thermal scenario within BESS. In July, Wärtsilä conducted a series of three rigorous full-system tests in the U.S. Each test simulated worst-case thermal runaway scenarios within Wärtsilä's Quantum2 containerized BESS enclosure. During the tests, a flammable gas blend, representative of UL 9540A CATL 306Ah cell-level testing, was released at multiple internal locations over a two-minute period. The tests were witnessed by a major US-based utility, a fire alarm vendor, and a third-party consultant. Across all three tests, AIMS successfully prevented uncontrolled deflagrations and structural deformations, allowing the Quantum2 system to remain fully intact with no compromise to enclosure integrity. The tests validated the system's ability to maintain safety and functionality under extreme conditions.¹³⁸
- Sep 11th: SERMATEC has launched an innovative 835kWh Modular ESS. At the core of Sermatec's innovation is a 1P104S large-pack architecture paired with an 835kWh "sweet spot" capacity precisely engineered to meet the demands of mid- to large-scale energy storage. While systems above 5MWh sometimes require customized downsizing and refer to longer commissioning cycles. Designed for flexible parallel expansion up to 6.68 MWh, the system eliminates unnecessary investment and adapts seamlessly to diverse application scenarios, from large industrial parks to utility-scale grids.¹³⁹
- Sep 10th: SMA Solar's Sunny Central Storage battery inverter is the first in Germany to receive a unit certificate for grid-forming mode with instantaneous reserve, a requirement for the upcoming instantaneous reserve market. This certification allows its use in high- and extra-high-voltage projects and fulfills the technical standards of VDE-AR-N 4130 and VDE-AR-N 4140, enabling faster and more confident project approvals and deployments.¹⁴⁰
- Sep 10th: At RE+ 25, Sunwoda (Stock Code: 300207), a global full-scenario energy storage solution provider, unveiled two groundbreaking large-capacity energy storage cells: the 684Ah and 588Ah models. These flagship innovations further strengthen Sunwoda's position as a leader in advanced battery technologies, designed to meet the evolving needs of the global energy storage market. Engineered with advanced stacking technology, the 684Ah cell achieves energy density above 440Wh/L and integrates thermal-electric separation with a three-dimensional heat dissipation structure to guarantee safe, stable operation. Built for longevity with 20+ years of service life, it integrates flexibly with 10ft, 20ft, and 30ft containers. Its high-density design reduces container use by 27%, shortens assembly time, lowers costs, and cuts LCOE by 8%, enhancing deployment speed and overall economics. The product is slated for mass production in Q4 2025, ensuring capacity to meet market demand. The 588Ah cell applies proven winding technology enhanced with low-lithium-loss innovation, extending cycle life to 10,000 cycles at 70% SOH and enabling more than 20 years of reliable operation. With 96.5% energy efficiency, advanced electrolyte safety, and a directional venting design, it ensures long-term stability and cost-effectiveness.¹⁴¹
- Sep 8th: NovaSource Power Services (NovaSource), the world's largest solar operations and maintenance (O&M) provider, has announced the launch of NovaVision, a unified AI-enabled platform designed to improve total asset optimization across utility-scale solar and energy storage portfolios. NovaVision delivers a powerful suite of predictive capabilities, including performance monitoring, anomaly detection, and guided resolution, to help asset owners detect and act upon issues proactively. The system streamlines effective

¹³⁷ https://www.cummins.com/generators/battery-energy-storage-systems

¹³⁸ https://www.wartsila.com/media/news/11-09-2025-wartsila-completes-first-of-its-kind-integrated-explosion-control-system-tests-3654672

¹³⁹ https://www.prnewswire.com/news-releases/sermatec-unveils-835kwh-modular-energy-storage-system-scalable-reliable-and-grid-ready-302553610.html

¹⁴⁰ https://www.linkedin.com/posts/sma-solar_smas-sunny-central-storage-battery-inverter-activity-7368637513864728576-Bp4P

¹⁴¹ https://www.prnewswire.com/news-releases/sunwoda-debuts-684ah--588ah-energy-storage-cells-globally-at-re-25-empowering-diverse-applications-302552190.html



decision-making and optimizes asset performance across large, complex sites. 142

- Sep 5th: Storion Energy, a JV between an affiliate of Stryten Energy LLC and Largo Clean Energy Corp., is removing the barriers to entry for battery manufacturers by enabling them to domestically source pricecompetitive components for flow batteries, including vanadium electrolyte. Storion combines access to highquality vanadium supply from the largest producing vanadium mine in the Western Hemisphere with domestic electrolyte production to establish a fully integrated vertical supply chain for utility-scale VRFBs used in longduration energy storage (LDES) applications.¹⁴³
- Sep 5th: Longi Green Energy, a vertically integrated solar producer in China, is reportedly making a swift transition into the battery storage sector. Chinese media outlets indicate that the firm has invested in Suzhou Jingkong Energy Technology, a Suzhou-headquartered integrator of ESS, and is negotiating the purchase of another storage-related company. These unverified reports from Longi imply that the goal is to quickly gain expertise in system integration, instead of building complete vertical integration from scratch.¹⁴⁴
- Sep 4th: Canadian Solar Inc. (Canadian Solar) announced that e-STORAGE, which is part of the Company's majority-owned subsidiary CSI Solar Co., Ltd. (CSI Solar), will launch its next generation modular battery, FlexBank 1.0, at RE+ in Las Vegas next week. The new system is expected to be ready for deployment in 2026. Expanding e-STORAGE's BESS solution portfolio, FlexBank 1.0 is a scalable energy storage platform designed to meet the needs of diverse utility-scale applications. It delivers up to 8.36 MWh energy capacity. The new modular open-frame architecture enables each cabinet to function as an independent building block, greatly simplifying logistics and installation. The FlexBank platform also serves as a foundation for e-STORAGE's next-generation battery cell technologies that will feature higher amperage in a larger form factor and superior performance characteristics. Built on e-STORAGE's proven 314Ah Lithium Iron Phosphate (LFP) cell technology, FlexBank 1.0 enhances safety through a multi-tiered protection system. Within each cabinet, cells are protected by heat barriers, a three-level electrical protection system, and advanced cell-level precision management. The modular design is engineered to prevent thermal propagation between cabinets, substantially mitigating fire risk. In addition, FlexBank 1.0's skid-mounted design enables rapid on-site assembly and versatile layout configurations, including side-by-side and backto-back installations. This flexibility reduces EPC costs while maximizing project energy density. The system is fully compatible with power conversion systems, ensuring seamless integration for both new deployments and site augmentations. 145
- Sep 4th: Fluence Energy, Inc. (Fluence), a global market leader delivering intelligent ESS, services, and asset optimization software, announced the first shipment of domestic content lithium-ion battery storage systems using U.S.-made batteries, modules, thermal management systems, controls, and enclosures. This milestone marks a significant step towards reshoring the battery manufacturing supply chain and strengthening American energy security.¹⁴⁶
- Sep 4th: Ultion Technologies announced a breakthrough for the energy storage industry: the successful production and testing of lithium iron phosphate (LFP) battery cells made entirely with North American materials. The cells have been validated at commercial scale, delivering performance that rivals and in some cases surpasses leading imported alternatives at high discharge rates. For the first time, North America has demonstrated it can produce LFP battery cells that meet or exceed global performance standards while using only regional materials. The achievement comes as the U.S. government pushes to

¹⁴² https://www.prnewswire.com/news-releases/novasource-launches-novavision-an-ai-powered-total-asset-optimization-platform-for-solar-and-storage-302548134.html

¹⁴³ https://www.businesswire.com/news/home/20250905308965/en/Storion-Energy-to-Highlight-Vanadium-Flow-Battery-Technology-at-RE-2025

¹⁴⁴ https://www.linkedin.com/posts/pv-magazine_longi-linked-to-storage-shift-with-reported-activity-7370165439810838529-xBPt

¹⁴⁵ https://www.prnewswire.com/news-releases/e-storage-launches-flexbank-1-0--an-8-36-mwh-energy-storage-modular-battery-at-re-2025-in-las-vegas-302546390.html

¹⁴⁶ https://www.globenewswire.com/news-release/2025/09/04/3144595/0/en/Fluence-Achieves-Landmark-Milestone-with-Delivery-of-First-Domestically-Manufactured-Energy-Storage-System.html



reduce dependence on foreign battery imports. The breakthrough reflects collaboration between Ultion and First Phosphate, a Canadian mineral development company that supplied the high-purity phosphate and iron needed for cathode materials. Ultion, a Nevada-based company, handled cell design, assembly, and testing. The companies signed a memorandum of understanding (MOU) in 2023 to develop this North American supply chain.¹⁴⁷

- Sep 3rd: Sodium-ion battery manufacturer Natron Energy ceased all operations and halted its planned \$ 1.4B gigafactory in North Carolina due to a failure to secure needed funding. The company had already scaled up commercial production of its sodium-ion batteries, which were primarily used for backup power in data centers.¹⁴⁸
- Sep 3rd: Energy storage integrator FlexGen Power Systems, LLC. announced a new Solar Power Plant Controller (PPC) that allows users to leverage PPC capabilities in the FlexGen HybridOS® platform to control solar assets and their components, such as solar arrays, trackers, MET stations and capacitor banks.¹⁴⁹
- Sep 3rd: Leap, a platform for building and scaling virtual power plants (VPPs), announced an expansion of its California offerings. The extended program suite gives distributed energy resource (DER) providers streamlined access to new grid revenue opportunities at a pivotal time for California's electricity system. Leap will support three additional offerings in California:¹⁵⁰
 - o Demand Side Grid Support (DSGS) Option 4, a new offering under the statewide DSGS program.
 - Automated Response Technology (ART), a year-round incentive for residential DERs in PG&E territory.
 - Emergency Load Reduction Program (ELRP) A.5, an extension of Leap's existing ELRP offering to include bi-directional and standard EV charging.
- Sep 2nd: TruGrid, an engineering, procurement, and construction (EPC) company specializing in energy storage and solar, has successfully completed three BESS projects in Texas ahead of schedule and within budget. In an industry where delays and cost overruns are common, this achievement underscores TruGrid's disciplined planning, seamless integration across teams, and commitment to client success.¹⁵¹
- Sep 2nd: Sungrow, global PV inverter and ESS provider, has opened its largest training center in Europe in Oberschleißheim near Munich. The new Sungrow Service Competency Center is a technical training hub designed to support the expertise of its employees and partners, particularly in the commissioning, handover, and maintenance of projects.¹⁵²
- Sep 2nd: Reliance Industries Limited (RIL) announced plans to start production at its new battery gigafactory in 2026, initially with a 40 GWh annual capacity that will be modularly expanded to 100 GWh. The battery factory is located within the Dhirubhai Ambani Green Energy Giga Complex in Jamnagar, Gujarat, which also houses gigafactories for solar modules and electrolyzers.¹⁵³

¹⁴⁷ https://www.businesswire.com/news/home/20250904327513/en/Ultion-Technologies-Produces-First-Fully-North-American-LFP-Battery-Cells-Delivering-Superior-Performance-at-High-Discharge-Rates

¹⁴⁸ https://www.manufacturingdive.com/news/sodium-ion-battery-natron-energy-shutters-halts-NC-factory-plans/759479/

¹⁴⁹ https://www.businesswire.com/news/home/20250903741254/en/FlexGen-Expands-into-Solar-Market-with-New-FlexGen-HybridOS-Control-Functionality-to-Improve-Operations-Grid-Resiliency

 $^{^{150}\} https://www.businesswire.com/news/home/20250903918221/en/Leap-Brings-New-Grid-Revenue-Pathways-to-Technology-Providers-Through-California-Expansion$

¹⁵¹ https://www.prnewswire.com/news-releases/trugrid-completes-three-texas-battery-energy-storage-projects-ahead-of-schedule-and-within-budget-302544088.html

¹⁵² https://www.prnewswire.com/news-releases/sungrow-opens-technological-center-for-training-and-innovation-in-munich-302543404.html

¹⁵³ https://www.ril.com/businesses/new-energy-materials



Equipment Supply, EPC and O&M Service Agreement Awards

United States

- Sep 30th: Energy storage integrator Energy Vault Holdings and Chinese manufacturer REPT BATTERO have finalized a 2026 supply agreement for 3 GWh of ESS for projects in the US. This deal expands their existing partnership, which has already supplied over 1.5 GWh of capacity for projects in the US, Europe, and Australia.¹⁵⁴
- Sep 28th: EVE Energy showcased its Mr. flagship series products and comprehensive energy storage solutions at Solar & Storage Live UK 2025. During the event, EVE signed a 500MWh strategic cooperation agreement with Polish smart PV system innovator CommVOLT Sp. z o.o. to jointly advance Europe's energy transition.¹⁵⁵

International

- Sep 25th: HiTHIUM, a global provider of long-duration energy storage technology, announced the signing of a 2GWh Master Supply Agreement (MSA) with Solarpro a European EPC provider of PV and BESS systems. The agreement will support multiple utility-scale projects across Eastern Europe, including but not limited to Bulgaria, Hungary, Romania, and North Macedonia regions that are accelerating renewable deployment as part of their energy transition strategies. the MSA, HiTHIUM will supply its advanced bespoke DC block solutions, applying the ∞Power 6.25MWh BESS with our high performance 1175Ah and 587Ah batteries. These products will be deployed exclusively in several utility-scale projects across Europe. 156
- Sep 23rd: Tianneng Holding Group and FreedomWon, an African energy storage integrator, signed a 2 GWh framework procurement agreement and strategic cooperation agreement to deploy energy storage solutions across Africa, with Tianneng providing components and FreedomWon offering market expertise and local deployment capabilities. The partnership, which aims to accelerate localized manufacturing, integration, and recycling in Africa, focuses on microgrids, industrial backup systems, and smart energy applications.¹⁵⁷
- Sep 23rd: RelyEZ Energy Storage signed a strategic agreement with three unnamed Polish energy companies spanning infrastructure, renewables development and project execution to deploy over 5 GWh of storage systems (VenturePro and GridUltra models) across Polish projects. RelyEZ Energy will provide technology, product deployment and development support, while its partners will provide local grid access, EPC execution and renewable project pipelines.¹⁵⁸
- Sep 22nd: DRI, the EU renewables arm of Ukraine's DTEK Group, has selected Fluence Energy B.V., a subsidiary of Fluence Energy, Inc. (Fluence) to supply battery storage units for its 133 MW Trzebinia project in southern Poland. DRI's Trzebinia project is due to be the largest battery storage facility taking part in the Polish Capacity Market when batteries are integrated into the system from 2027.¹⁵⁹
- Sep 22nd: Nama Power and Water Procurement (PWP), Oman announced that it has signed an agreement for the development of the Sultanate of Oman's first utility-scale solar and battery storage project with the consortium of Abu Dhabi Future Energy Company PJSC Masdar, Al Khadra Partners, Korea Midland Power Co. Ltd (KOMIPO), and OQ Alternative Energy (OQAE). The investment of the project is around OMR 115M (\$ 299M). Masdar, a global clean energy leader, will lead the consortium developing the Ibri III Solar Independent Power Project, which combines a 500 MW Solar PV + 100 MWh BESS. The scope of the project

¹⁵⁴ https://www.reptbattero.com/news/rept-battero-signs-3gwh-energy-storage-supply-agreement-with-energy-vault/

¹⁵⁵ https://www.prnewswire.com/news-releases/500mwh-eve-energy-and-commvolt-signed-strategic-agreement-to-boost-europes-green-energy-transition-302568966.html

¹⁵⁶ https://www.hithium.com/newsroom/strategy/details/92.html

¹⁵⁷ https://www.energytrend.com/news/20250923-50194.html

¹⁵⁸ https://www.relyez.com/news/7lzlhbnkb45a8g2-g85x7-e9k39-c2ha3-5gpwr

https://www.globenewswire.com/news-release/2025/09/22/3153630/0/en/DTEK-subsidiary-DRI-picks-Fluence-to-deliver-Trzebinia-battery-project.html



includes design, construction, ownership, financing, operation and maintenance of the plant and storage system.¹⁶⁰

- Sep 18th: Sungrow, a global PV inverter and ESS provider, announced the signing of a supply agreement with EP Produzione for the supply of the PowerTitan 2.0 solution in a 100 MW / 220 MWh utility-scale ESS project in Trapani, Sicily. This agreement consolidates the company's role in supporting the energy transition and is Sungrow's first project in Italy with the PowerTitan 2.0.¹⁶¹
- Sep 17th: Shenzhen-based Cubenergy and European systems integrator Paneco Group have formed a strategic partnership to deploy 2.5 GWh of ESS across European grid-connected projects, focusing on utility-grade and Commercial & Industrial (C&I) assets. Under the partnership, Cubenergy will provide its BESS and integration expertise, while Paneco Group will contribute its project development pipelines and regulatory knowledge to accelerate deployment in multiple European markets.¹⁶²
- Sep 16th: Rolls-Royce announced its largest-ever BESS order from Lithuania's Ignitis Group, which will supply 291 MW / 582 MWh of mtu EnergyPack systems to be installed at three sites by 2027, including the Kelmė and Mažeikiai wind farms and the Kruonis pumped storage plant. The project aims to improve grid stability by absorbing surplus wind and solar power, meeting evening peak demand, and providing rapid frequency response. This large-scale project will enable grid flexibility, promote the integration of renewable energy, and enhance energy independence for Lithuania.¹⁶³
- Sep 11th: FRV Australia has partnered with Hithium for the 250 MW / 500 MWh Gnarwarre BESS in Victoria, which will utilize 112 of Hithium's 5-MWh Block 5 batteries integrated with SMA power conversion systems to provide essential grid-stabilizing services. The project, located near Geelong, will offer grid-forming capabilities, including synthetic inertia, and will also be supported by Hithium's commissioning services and a long-term service agreement.¹⁶⁴
- Sep 11th: JinkoESS has partnered with Australian EPC Sunterra to deploy a 5MWh G2 liquid-cooled containerized ESS for Norton Gold Fields' Binduli Gold Operations Centre, aiming to integrate with the mine's existing renewable energy infrastructure. Expected to be delivered in late 2025 and online in early 2026, the system will enhance energy reliability and support sustainable future operations for the Western Australian mine.¹⁶⁵
- Sep 5th: Chinese energy storage company Hithium has partnered with Norwegian EPC contractor BOS Power to supply 3 GWh of BESS for projects in Denmark, Sweden, Finland, and Norway, with the agreement lasting through 2027. The deal, which supports Hithium's official entry into the Nordic market, includes their advanced ∞Power and ∞Block DC block solutions for utility-scale projects of 30 MWh and larger. As part of the collaboration, Hithium will provide BOS Power with technical training and become a certified service provider, ensuring local support for the systems.¹⁶⁶
- Sep 5th: Madrid-based renewable energy developer Solaria announced it will purchase 1,102 MWh of BESS for six projects in Spain, investing over € 80M (\$ 93.4M) in the initiative. This investment aims to increase grid flexibility and resilience by storing excess renewable energy, supporting Spain's efforts to decarbonize and meet its National Integrated Energy and Climate Plan (PNIEC) goals.¹⁶⁷
- Sep 5th: South Korea's SK On has entered the US stationary energy storage market by signing a multi-year

¹⁶⁰ https://www.saudigulfprojects.com/2025/09/oman-awards-first-utility-scale-solar-and-battery-storage-project/

¹⁶¹ https://www.prnewswire.com/news-releases/sungrow-and-ep-produzione-supply-agreement-for-220-mwh-battery-storage-project-in-sicily-302560337.html

¹⁶² https://www.energytrend.com/news/20250917-50158.html

¹⁶³ https://www.rolls-royce.com/media/press-releases/2025/16-09-2025-rr-biggest-battery-order-for-rolls-royce-large-scale-energy-storage-system-in-lithuania.aspx

¹⁶⁴ https://www.hithium.com/newsroom/strategy/details/87.html

¹⁶⁵ https://www.jinkosolar.com/en/site/newsdetail/2646

¹⁶⁶ https://www.hithium.com/newsroom/latest/details/85.html

¹⁶⁷ https://strategicenergy.eu/solaria-acquires-1102-mwh-in-batteries-for-six-projects-in-spain/ Not for redistribution.



deal with Flatiron Energy, committing to supply up to 7.2 GWh of BESS through 2030, with shipments for a Massachusetts project starting in the second half of 2026. This partnership marks SK On's first supply contract exclusively for stationary BESS and will utilize lithium iron phosphate (LFP) technology, with SK On converting some of its Georgia EV battery production lines to manufacture these units locally.¹⁶⁸

Optimization and Virtual Toll Agreement Awards

United States

• Sep 9th: Storage developer and operator Sunraycer Renewables LLC (Sunraycer) announced the execution of two Revenue Swap Agreements with ENGIE Energy Marketing North America (EEMNA), part of ENGIE North America (ENGIE), to support its Midpoint and Gaia BESS projects in Texas. The agreements will facilitate construction and operations of Sunraycer's BESS projects, delivering approximately 125 MW_{ac} and 250 MWh of capacity and ancillary services to the ERCOT grid. Midpoint, near Blum, Texas, will provide 50 MW_{ac} / 100 MWh, while Gaia, near Kerens, Texas, will contribute 75 MW_{ac} / 150 MWh. Both projects are scheduled for commercial operation in late Q4 2025.¹⁶⁹

International

- Sep 10th: Entrix and Greenvolt Power have formed a partnership to manage five large-scale battery storage projects totaling 1.3 GW / 5.2 GWh in Poland. Greenvolt Power is the renewable energy development division of Portugal's Greenvolt Group. Entrix will handle the multi-market optimization and trading of the portfolio to maximize asset performance and value. The agreement covers five projects, with the first two already under construction and expected to become operational in the first half of 2026.¹⁷⁰
- Sep 9th: Ego Energy, the Italian arm of the Shell Group, has inked a seven-year tolling deal with Aer Soléir, securing exclusive rights to oversee and dispatch a newly developed 250 MW / 1 GWh battery storage system in Rondissone, Piedmont. Construction on the facility is ongoing, with operations anticipated to begin by October 2027.¹⁷¹
- Sep 9th: Elements Green secured an EDF revenue-backed agreement for its 360 MW / 720 MWh Staythorpe BESS in Nottinghamshire, England, which includes a guaranteed income from grid balancing in addition to its 15-year capacity market contract, providing revenue certainty for the project. Construction of the BESS project has begun, with EDF also to manage the assets' market operations through its Powershift platform. The provided text does not mention a public consultation for a solar and storage development with a 500 MW grid connection.¹⁷²

Off-Take / PPA / Awards News

United States

Sep 16th: Saudi energy giant ACWA Power has secured a landmark contract for the NOOR Midelt 2 and 3
PV+S projects in Morocco. The victory was largely credited to the deep technical support of Gotion High-Tech, a move that proved decisive against global rivals including France's Engie and EDF, as well as the UAE's Masdar. This significant win highlights the growing importance of strategic partnerships in the renewable energy sector. The projects are a cornerstone of Morocco's national solar program, which aims

¹⁶⁸ https://skinnonews.com/global/archives/21955

¹⁶⁹ https://www.prnewswire.com/news-releases/sunraycer-renewables-executes-revenue-swap-agreements-with-engie-energy-marketing-north-america-for-texas-battery-storage-projects-302550370.html

https://power.greenvolt.com/2025/09/10/greenvolt-power-sign-partnership-entrix/

¹⁷¹ https://www.ess-news.com/2025/09/09/ego-energy-inks-tolling-agreement-with-aer-soleir-for-1-gwh-battery/

¹⁷² https://www.edfenergy.com/media-centre/edf-and-elements-green-agree-long-term-deal-support-360mw-staythorpe-battery-project



to increase the country's renewable energy share to 52% by 2030. With a combined capacity of 800 MW of photovoltaic equipment and 1.2 GWh of BESS, the initiative marks a significant step in the region's green energy transition.¹⁷³

• Sep 5th: StarCharge, a global leader of integrated energy solutions, proudly announced its strategic agreement with Prozeal Green Energy, one of India's largest EPC and IPP, to supply up to 1GWh of cutting-edge BESS. The collaboration will accelerate India's renewable energy transition by deploying StarCharge's advanced BESS solutions across the country's diverse energy landscape. Under the agreement, StarCharge will deploy its innovative 5 MWh Container ESS, designed to enhance grid stability and facilitate renewable energy integration. With the 1GWh capacity scheduled for deployment within the coming year, this project will make a meaningful contribution to India's target of achieving 500GW renewable energy capacity by 2030.¹⁷⁴

International

- Sep 24th: Teva Pharmaceutical Industries and Enery signed a 15-year hybrid power purchase agreement (PPA) in September 2025 for a new solar plant with BESS in southern Bulgaria. This hybrid agreement is the first of its kind in Central and Eastern Europe and involves a 122 MW solar farm, securing a significant amount of clean electricity for Teva's Bulgarian facilities and supporting its decarbonization goals.¹⁷⁵
- Sep 23rd: UK regulator Ofgem has shortlisted 77 out of 171 Long Duration Electricity Storage (LDES) project applications for its cap-and-floor scheme, representing 28.7 GW of power output. The eligible projects will now enter the assessment stage, with successful ones securing revenue support by summer 2026. Lithiumion batteries dominate the selected projects, but other technologies like pumped hydro, compressed air, and flow batteries are also included. The cap-and-floor scheme aims to attract investment in LDES and ensure a stable, clean energy supply by guaranteeing a minimum revenue while capping excessive profits. Ofgem received 171 project applications in the first window. 77 projects met the initial eligibility criteria and are advancing to the project assessment stage. Final funding decisions are expected in summer 2026.¹⁷⁶
- Sep 23rd: Highview Power, a provider of long-duration energy storage (LDES) technology, announced that two 3.2GWh power plants, planned for development in the UK by 2030, have been accepted by Ofgem as 'projects eligible' to receive support under the government's 'cap and floor' scheme for energy storage. "Our two planned facilities, together with the Carrington site, will collectively deliver around 7 GWh of clean energy to the UK grid."¹⁷⁷
- Sep 23rd: Madhya Pradesh has achieved a major milestone in renewable energy with the country's first PV+S project in Morena, which recorded a groundbreaking tariff of ₹2.70/kWh. This is the first time in India that a tariff below ₹3/kWh has been discovered for a firm and dispatchable renewable energy (FDRE) project. The auction, conducted by Rewa Ultra Mega Solar Limited (RUMSL), concluded after a rigorous 12-hour reverse auction process. The Morena Solar Park will host two PV+S units, each with a capacity to supply 220 MW of power across three time periods.¹⁷⁸
- Sep 23rd: Highview Power's two long-duration energy storage (LDES) projects in Hunterston, Scotland and Killingholme, Lincolnshire have been deemed eligible for further assessment under the UK government's "cap and floor" scheme, signifying a significant step forward in their development and bringing them closer

¹⁷³ https://www.prnewswire.com/news-releases/exclusive-gotion-high-techs-key-role-in-acwa-powers-major-morocco-solar-storage-project-win-302557632.html

¹⁷⁴ https://www.prnewswire.com/in/news-releases/starcharge-signs-landmark-1gwh-bess-solution-agreement-with-indias-leading-epc-and-ipp-prozeal-green-energy-302547635.html

¹⁷⁵ https://www.balkanenergy.com/news/energy-and-teva-signed-15-year-solar-ppa

¹⁷⁶ https://www.ofgem.gov.uk/sites/default/files/2025-09/LDES%20Eligibility%20Assessment%20Outcome.pdf

¹⁷⁷ https://highviewpower.com/news_announcement/highview-power-announces-two-long-duration-energy-storage-projects-eligible-for-support-under-uk-governments-cap-and-floor-scheme/

¹⁷⁸ https://www.business-standard.com/economy/news/india-achieves-lowest-tariff-in-solar-plus-storage-tender-125091901253_1.html



to construction by 2030; Ofgem will now conduct a thorough evaluation of the projects' economic, strategic, and financial viability before making a final decision on their inclusion in the scheme.¹⁷⁹

- Sep 22nd: Snowy Hydro has signed its first major battery deal with Akaysha Energy for the 311 MW / 1,244 MWh Elaine battery in Victoria, Australia, using a landmark 15-year virtual tolling agreement (VTA) for 220MW of the capacity. This is Snowy Hydro's first battery offtake agreement and represents the largest four-hour virtual tolling arrangement in Australia, setting a new benchmark for the sector and helping to manage wholesale market volatility.¹⁸⁰
- Sep 18th: Serentica Renewables has signed India's first "load-following" Round-the-Clock (RTC) Power Purchase Agreement (PPA) with SECI for 100 MW of renewable power. This innovative contract structure, developed in coordination with the Solar Energy Corporation of India and state discoms, aligns the power supply with the real-time, seasonal electricity needs of the offtakers. To meet the demand and ensure continuous supply, Serentica will deploy a mix of solar, wind, and BESS.¹⁸¹
- Sep 17th: Sixteen BESS projects were awarded in Australia's Capacity Investment Scheme (CIS) Tender 3, which delivered a record total of approximately 4.13 GW and 15.37 GWh of capacity.¹⁸²

Project Name	Developer	Size (MW / MWh)	Location (State, Site)
Bulabul 2 BESS	AMPYR Australia	100 / 406	NSW, Wuuluman
Calala BESS	Equis	150 / 300	NSW, Calala
Capricorn BESS	Potentia Energy	300 / 1,200	QLD, Bouldercombe
Deer Park	Akaysha Energy	275 / 1,100	VIC, Ravenhall
Goulburn River Standalone BESS	Lightsource bp	450 / 1,370	NSW, Merriwa
Joel Joel BESS	ACEnergy Pty Ltd	250 / 1,000	VIC, Joel Joel
Kiamal BESS	TotalEnergies Renewables Australia	220 / 810	VIC, Ouyen
Koolunga BESS	Equis	200 / 800	SA, Koolunga
Little River BESS	ACEnergy Pty Ltd	350 / 1,400	VIC, Little River
Lower Wonga BESS	Equis	200 / 800	QLD, Lower Wonga
Mornington BESS	Valent Energy Developments	240 / 587	VIC, Tyabb
Mount Piper BESS Stage 1	Energy Australia	250 / 1,000	NSW, Blackmans Flat
Reeves Plains	Alinta Energy	250 / 1,000	SA, Reeves Plains
Swallow Tail BESS	AMPYR Australia	300 / 1,218	NSW, Bannaby
Teebar BESS	Atmos Renewables	400 / 1,600	QLD, Gigoomgan
Ulinda Park Expansion	Akaysha Energy	195 / 780	QLD, Hopeland

• Sep 16th: Turbo Energy S.A. (Turbo Energy), a global provider of leading-edge, Al-optimized solar energy storage technologies and solutions, announced that it has been selected to supply and implement energy storage projects in Spain with a total capacity of 366 MWh. The projects, valued at approximately \$53M, are scheduled to be executed over the next two years. This large-scale initiative will be developed for a major industrial group in the construction industry. Turbo Energy will provide turnkey integration of the systems, along with its Al-driven energy management platform, for deployment across more than ten industrial facilities with varying technical requirements. These systems will help the factories optimize electricity consumption, enhance operational efficiency, reduce exposure to volatile energy prices and significantly advance the electrification of its operations.¹⁸³

¹⁷⁹ https://www.businesswire.com/news/home/20250923277288/en/Highview-Power-Announces-Two-Long-Duration-Energy-Storage-Projects-Eligible-for-Support-Under-UK-Governments-Cap-and-Floor-Scheme

¹⁸⁰ https://www.blogotariat.com/2colfeed?page=6

¹⁸¹ https://energy.economictimes.indiatimes.com/news/renewable/serentica-renewables-signs-100-mw-load-following-ppa-with-seci/123973721

¹⁸² https://battlink.com/news/australia-battery-energy-storage-systems-tender-2025/

¹⁸³ https://www.globenewswire.com/news-release/2025/09/16/3150706/0/en/Turbo-Energy-Secures-53-Million-Contract-to-Deploy-366-Mwh-of-Solar-Storage-Capacity-Across-10-Factories.html

Not for redistribution.



• Sep 5th: The Central Electricity Regulatory Commission has issued a final order on Petition No. 137/GT/2024 regarding the determination of a project-specific tariff for a renewable energy project in Chhattisgarh. The petition was filed by the Solar Energy Corporation of India Limited for a 100 MW solar power plant integrated with a 40 MW / 120 MWh BESS in Rajnandgaon. The Chhattisgarh State Power Distribution Company Limited was the respondent in the case. After reviewing the submissions made by both parties, the Commission approved a levelized tariff of ₹4.01 per kWh for the project. This tariff will apply for a period of 25 years from the project's Commercial Operation Date.¹⁸⁴

Open Energy Storage RFPs/RFQs/RFIs

Off-Taker	Description
APS	Arizona Public Service Company (APS) has issued a Request for Information (RFI) to collect details from utility-scale developers on projects that could connect to the Southline Transmission Project. APS is seeking projects that include solar, wind, energy storage, biomass, geothermal, landfill gas, nuclear, combustion turbines, and hybrid technologies. Bids are due October 15, 2025. ¹⁸⁵
BC Hydro	BC Hydro is looking to acquire up to 5,000 GWh/year of additional clean and renewable energy and expect to award Electricity Purchase Agreements (EPAs) in early 2026. The utility released a Request for Proposals (RFP) targeting large-scale energy projects of 40 MW or more, with a minimum of 25% First Nations equity ownership. Bids are due January 5, 2026. 186
CEB	The Ceylon Electricity Board (CEB) has invited international competitive bids for the development of 160 MW / 640 MWh standalone BESS across Sri Lanka. The tender, structured as 16 separate grid-connected projects of 10 MW / 40 MWh AC each, will connect at 33 kV to substations in locations including Kilinochchi, Vavuniya, Polonnaruwa, Galle, Hambantota, and others. The deadline for bidders has been extended from September 10,2025 to October 14, 2025. 187
EPCG	Elektroprivreda Crne Gore (EPCG) is investing in 2x4-hour BESS to strengthen grid resilience and balance supply and demand. Each system will have a power output of 30 MW and a storage capacity of 120 MWh. Bids must be submitted via the ESJN electronic public procurement platform no later than October 15, 2025, by 10:00 AM. ¹⁸⁸
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. 189
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. 190
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. ¹⁹¹
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. 192

¹⁸⁴ https://cercind.gov.in/2025/orders/137-GT-2024.pdf

¹⁸⁵ https://www.aps.com/-/media/APS/APSCOM-PDFs/About/Our-Company/Doing-business-with-us/Resource-Planning-and-

Management/2025 Southline Transmission Project Interconnections RFI.pdf?sc lang=en&hash=4B4F67FA2BA836CD1B0B97CA1E181CB7

¹⁸⁶ https://www.bchydro.com/work-with-us/selling-clean-energy/2025-call-for-power.html

¹⁸⁷ https://indiarenews.in/index.php/blog/read/sri-lanka-floats-tender-for-160-mw-640-mwh-standalone-battery-energy-storage-systems

¹⁸⁸ https://www.ess-news.com/2025/09/04/montenegro-utility-launches-240-mwh-battery-storage-tender/

¹⁸⁹ https://www.pv-magazine.com/2025/09/22/ebrd-to-support-solar-storage-wind-tenders-in-jordan/

¹⁹⁰ https://x.com/emadghaly/status/1960205586072551537?s=46

¹⁹¹ https://www.bidnetdirect.com/colorado/colorado-springs-utilities

¹⁹² https://www.dewa.gov.ae/en/about-us/media-publications/latest-news/2025/06/dewa-adds-800mw-of-clean-energy-production *Not for redistribution.*



Off-Taker	Description
DTE	DTE Electric is seeking between 1,500 and 3,000 MW of firm accredited capacity from clean energy systems and ESS. Proposals must be offered through either a build-to-transfer agreement (BTA), purchase and sale agreement (PSA), or PPA with a planned COD no later than December 31st, 2032. The deadline to submit questions is November 14, 2025, and the proposals are due December 1, 2025. 193
Georgia Power	Georgia Power has announced the open comment period for its 2025 RFP for Energy Storage System (ESS) resources. This RFP provides a competitive solicitation for Georgia Power to procure 500 MW of ESS. The company prefers the procured resources to be online by no later than the end of 2031. The draft RFP schedule anticipates regulator approval of RFP documents in December, proposals due in January 2026 and contracts executed about a year later. 194
Guatemala	Guatemala has launched a competitive solicitation process to secure the supply of up to 1.4 GW of new energy capacity as it unveiled bidding terms for the Open Tender Electricity Generation Expansion Plan. The country's power distributor, Empresa Electrica de Guatemala (EEGSA), said this 1.4 GW tender will open the way to new investments in renewable energies and clean technologies. The agency will accept technical bids till October 31, 2025. 195
IESO	The Independent Electricity System Operator (IESO) has launched the LT2 RFP to procure up to 3 TWh/year of new energy supply starting in 2029. Projects should be over 1 MW, and can include solar, wind, hydro, biomass, storage, and natural gas (limited). Winning bids will receive indexed fixed-price contracts. Registration deadlines are September 4, 2025, and the submission deadline is October 16, 2025. 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
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

¹⁹³ https://dtee-irp-2025allsourcerfp.com/

https://www.prnewswire.com/news-releases/georgia-power-announces-2025-energy-storage-system-request-for-proposals-302564964.html

¹⁹⁵ https://taiyangnews.info/tenders/guatemala-14-gw-energy-tender

¹⁹⁶ https://www.ieso.ca/Sector-Participants/Engagement-Initiatives/Engagements/Long-Term-RFP

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/

 $^{^{199}\} https://energy.economic times. indiatimes. com/news/power/government-approves-5400-cr-funding-for-30-gwh-battery-storage-to-boost-renewable-energy-infrastructure/121756430$

²⁰⁰ https://www.energy-storage.news/south-korea-government-tenders-central-contracts-for-540mw-3240mwh-bess/ *Not for redistribution.*



Off-Taker	Description
	500 MW of firming capacity for the New South Wales grid by 2028. It will focus on projects in Sydney, Newcastle, and Wollongong. ²⁰¹
NorthWestern	NorthWestern Energy Public Service Corporation (NorthWestern) is issuing an all-source request for proposals for capacity resources (the "RFP") for its South Dakota system. NorthWestern desires that the capacity resource(s) be available for delivery to NorthWestern load by the end of 2029 or, at the latest, be available by June 2030. NorthWestern has identified a near-term capacity need ranging from 50 MW to 100 MW. Additionally, under certain planning scenarios, NorthWestern's capacity target could be as large as 250 MW. Proposal are due November 12, 2025. 202
NYSERDA	Governor Kathy Hochul announced the launch of New York's first Bulk Energy Storage RFP, intended to procure one GW of bulk energy storage as part of New York's 6 GW Energy Storage Roadmap on July 28th. Step One Eligibility Applications are due to NYSERDA by September 4, 2025, by 3:00 p.m. ET. Proposers that receive a Notice of Qualification will have an opportunity to submit a Step Two Bid Proposal, which is solicited in Non-Price and Price Phases. The Non-Price Submission deadline is December 11, 2025, by 3:00 p.m. ET, and the Price Submission deadline is January 29, 2026, by 3:00 p.m. ET. Submission instructions are detailed in ISCRFP25-1. ²⁰³
PacifiCorp	PacifiCorp has released, via its 2025 Integrated Resource Plan, a RFP for as much as 990 MW of generation resources primarily to satisfy CETA compliance and 1,385 MW storage to primarily satisfy WRAP compliance for capacity. Bids must be over 1 MW, from a non-emitting source, and be able to be in operation by the end of 2029. Bids are due on October 7, 2025. ²⁰⁴
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. ²⁰⁵
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. ²⁰⁶
PSEG	Public Service Enterprise Group (PSEG) Long Island launched a 2025 PJM RFP to procure either up to 685 MW of capacity from one or more generating facilities located in the PJM Control Area or Capacity Product and Energy Product from the same projects. For each capacity product proposal, which may consist of capacity provided from multiple projects, the respondent must offer a minimum of 50 MW, Additionally, each project must have a minimum capacity of 50 MW. Bids are due January 7, 2026. ²⁰⁷
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 Build-Own-Operate (BOO) framework and will receive Viability Gap Funding (VGF) from the central government. ²⁰⁸

²⁰¹ https://www.energy-storage.news/australias-new-south-wales-to-launch-500mw-firming-tender-to-address-grid-reliability-issues/

 $https://www.psegliny.com/aboutpseglongisland/proposals and bids/2025 pjmrfp\#: $\sim: text=On\%20 September\%2015\%2C\%202025\%2C\%20PSEG, \%2C\%20000\%20(ii)\%20 Capacity\%20 Product$

 $^{^{202}\} https://northwesternenergy.com/docs/default-source/default-document-library/about-us/regulatory/nwps---capacity-rfp-(rev0---issue---8-15-25).pdf$

 $^{{}^{203}\,}https://www.nyserda.ny.gov/All-Programs/Energy-Storage-Program/Developers-and-Contractors/Bulk-Storage-Incentives$

²⁰⁴ https://www.pacificorp.com/suppliers/rfps/2025-washington-situs-rfp.html

 $^{^{205}\} https://www.pv-tech.org/philippines-opens-tender-9-4gw-renewable-energy-storage/$

²⁰⁶ https://www.reuters.com/sustainability/boards-policy-regulation/portugal-invest-466-million-boost-grid-management-battery-storage-after-outage-2025-07-28/

 $^{^{208}\} https://energy.economic times.indiatimes.com/news/power/rajasthan-rerc-approves-tariff-for-1000-mwh-battery-energy-storage-system-project/121949470$



Off-Taker	Description
SECI	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. 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
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. ²¹¹
Transgrid	Transgrid says it will seek to award contracts for more than one gigawatt of grid-forming battery capacity in 2026, the first stage of a plan to engage 5 GW of battery capacity in coming years. The first gigawatt of capacity is expected to be able to deliver their 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. ²¹²
UPPCL	Uttar Pradesh Power Corporation Ltd. (UPPCL) has issued a tender for 1.5 GWh of standalone BESS. The procurement seeks developers to deliver 375 MW of capacity, configured for four-hour discharge duration. Projects will be deployed on a BOO model and integrated with the State Transmission Utility (STU). Successful bidders will sign battery energy discharge purchase agreements (BEDPAs) with UPPCL, ensuring contracted supply during peak demand periods. A notable requirement is that all charging must be sourced from renewable energy, aligning with India's wider strategy of coupling clean generation with BESS. Bids are due October 13, 2025. ²¹³
Western Australia	The Albanese Government is opening two new Capacity Investment Scheme (CIS) tenders aimed at boosting renewable generation and storage capacity. Together, they will deliver 1.6 GW of renewable energy and 2.4 GWh of dispatchable storage, enough to power more than 900,000 households annually and support the peak demand of 550,000 homes for four hours. Bidding for the tenders is open for 10 weeks and will be closed on November 7, 2025. ²¹⁴

 $^{^{210}~}https://www.ess-news.com/2025/08/19/dominican-republic-tenders-up-to-600-mw-solar-wind-with-mandatory-storage/$

²¹¹ https://weadapt.org/organisation/miteco/?tab=about

²¹² https://reneweconomy.com.au/network-giant-launches-australias-biggest-tender-for-grid-forming-batteries/

²¹³ https://battlink.com/news/india-battery-energy-storage-systems-tender-1-5gwh/

²¹⁴ https://solarquarter.com/2025/08/29/western-australia-launches-4-billion-renewable-energy-tenders-under-federal-capacity-investment-scheme/ Not for redistribution.



General News

United States

SMART 3.0 Now in Effect

Sep 12th: The Solar Massachusetts Renewable Target (SMART) 3.0 program is the latest version of Massachusetts' solar incentive initiative, administered by the Department of Energy Resources (DOER). It builds on previous iterations by introducing more flexible annual adjustments to better align with state goals for greenhouse gas reductions, equity, and land use protection. Final regulations were filed on August 28, 2025, and took effect on September 12, 2025, following a programmatic review and emergency regulations issued in June 2025 to transition from SMART 2.0.²¹⁵

SMART 3.0 shifts from fixed multi-year blocks to an Annual Assessment process, which evaluates factors like emissions progress, participation rates, ratepayer impacts, solar costs, and environmental goals to set yearly capacity and incentive rates. It imposes stricter land use rules for ground-mounted projects, expands low-income equity provisions, and requires energy storage for certain larger projects without location-based incentives. Unlike prior versions, it includes mitigation fees for projects on non-developed land and prioritizes rooftop and community solar.

SMART 3.0 Base Rates

Generation Unit Capacity	Program Year 2025 Base Compensation Rate (\$/kWh)	
Under 25 kW AC		0.3000
25 kW AC to 250 kW AC		0.2821
250 kW AC to 500 kW AC		0.2482
500 kW AC to 1,000 kW AC		0.2113
1,000 kW AC to 5,000 kW AC		0.1729

SMART 3.0 Adders

Adder Type	Generation Unit Capacity	Program Year 2025 Base Compensation Rate (\$/kWh)	
Location	Building Mounted		0.03
	Large Building Mounted*		0.04
Based	Raised Racking		0.04
	Brownfield		0.03
	Landfill		0.06
	Canopy		0.08
	Agricultural		0.08
	Floating		0.03
Off- taker Based	Community Shared		0.07
	Low Income Property		0.04
	Public Entity		0.04
Others	Energy Storage**	Variable	
	Solar Tracking		0.01
	Pollinator		0.0025

²¹⁵ https://www.mass.gov/info-details/smart-30-program-details *Not for redistribution.*



Applications are open for Program Year 2025 starting October 15, 2025, with the first year is shortened, running from October 15 to December 31, 2025. 900 MW of capacity is set aside (statewide) for 2025, allocated among Electric Distribution Companies (EDCs) with set-asides determined annually. No caps for small or certain behind-the-meter (BTM) projects. The 2025 Annual Report, released August 29, 2025, provides full details on capacity and rates.

Have You Seen My BESS?

This monthly newsletter pays tribute to the iconic movie, Something About Mary.

International

Chile Sees 315 GWh Surge in Storage 2025 YTD

Sep 30th: Chile's BESS saw a dramatic increase in 2025, reaching 315 GWh of energy injected into the grid by the end of August, a huge jump from the 0.5 GWh in 2022. This growth reflects Chile's extensive deployment of storage assets, particularly alongside solar power plants in its desert regions, to manage the intermittency of renewable energy and ensure grid stability. Ambitious renewable energy targets (60% by 2030) and supportive regulatory frameworks have encouraged investment in energy storage. A quick YoY comparison:²¹⁶

- 2022: 0.5 GWh from operational BESS assets.
- 2023: 6.9 GWh.
- 2024: 31 GWh.
- January–August 2025: 315 GWh.

Czechia New Licensing Rules for Storage

Sep 30th: An amendment to the Czech Energy Act has raised the required license threshold for solar installations generating for direct consumption from 50 kW to 100 kW, simplifying regulations for smaller rooftop systems. Additionally, the update streamlines rules for energy storage, allowing systems with a capacity no more than 20% greater than their connected renewable source to avoid separate licensing. These changes are intended to boost renewable energy growth and ease the integration of new energy technologies into the grid.²¹⁷

MNRE Issues Draft Guidance Battery Approvals

Sep 29th: The Ministry of New and Renewable Energy (MNRE) of India has released draft guidelines for the series approval of solar energy storage batteries, including lead-acid, lithium-ion, and nickel-based types. These guidelines, for which industry feedback is invited before the final notification, will streamline the performance testing process for product families, which are defined by shared design and components. The MNRE has invited industry stakeholders and testing laboratories to provide comments on the draft guidelines. Once finalized, the guidelines will be part of the implementation of the Solar Systems, Devices, and Component Goods Order 2025.²¹⁸

Germany's BNetzA Announced New Storage, EV2G Rules

Sep 24th: Germany's Federal Network Agency (BNetzA) has proposed that battery storage systems and EV charging points no longer need to draw exclusively from renewable energy sources to qualify for subsidies under the Renewable Energy Sources Act (EEG). Instead, new rules would introduce two methods for determining the renewable energy portion: a detailed, 15-minute interval-based "allocation" approach or a simpler "flat-rate"

²¹⁶ https://renewablesnow.com/news/chiles-bess-output-jumps-to-315-gwh-in-jan-aug-from-0-5-gwh-in-2022-1282301/

²¹⁷ https://energy.ec.europa.eu/document/download/02f8d3f4-289e-4c6a-8de4-

ccff382d306f_en?filename=C_2025_4011_1_EN_annexe_acte_autonome_cp_part1_v3.pdf

²¹⁸ https://solarquarter.com/2025/09/29/mnre-issues-draft-guidelines-for-series-approval-of-solar-storage-batteries-in-india/ Not for redistribution.



calculation that automatically assigns a fixed proportion of energy to be EEG-eligible. This change aims to integrate these technologies into the market more effectively by reducing the strict requirement for 100% renewable input.²¹⁹

Columbia Drafts New Rules for 5 MW Batteries

Sep 23rd: Colombia's Energy and Gas Regulatory Commission (CREG) has recently published draft rules for BESS with a minimum capacity of 5 MW. The new regulations aim to encourage investment in large-scale battery projects to help accelerate the country's clean energy transition and stabilize the grid. The rules establish specific technical, commercial, and operational standards for connecting these large-scale storage systems to the national grid. The regulations seek to change existing rules for energy dispatch to allow batteries to act as new players in the wholesale energy market. The framework also defines how batteries can function within hybrid power plants, which combine storage with renewable sources like solar or wind. This allows them to help maintain grid frequency and voltage stability. Project developers will be required to provide a project guarantee equal to 20% of the project's estimated value.²²⁰

Czech Republic Opens Grid Connection Applications for Storage

Sep 19th: The Czech Republic's LEX OZE III law, effective October 1, 2025, recognizes energy storage as an independent activity, allowing standalone battery systems direct grid connections without simultaneous power generation. Beginning September 19, 2025, ČEZ Distribuce, the country's largest electricity distributor, started accepting applications for these systems through its online portal. These systems will provide grid balancing, stabilize fluctuations, and facilitate energy trading, supporting both large-scale and standalone storage.²²¹

India Changes Electricity Rules Around Energy Storage

Sep 19th: India's Ministry of Power has amended the Electricity Rules, 2005 to allow for diverse uses and ownership of ESS within the power sector. The changes enable:²²²

- **Flexible Integration:** ESS can now be utilized as standalone units or as part of generation, transmission, or distribution networks.
- **Expanded Ownership:** The rules broaden ownership possibilities, allowing generating companies, transmission and distribution licensees, consumers, system operators, or independent energy storage service providers to own, develop, lease, or operate ESS.
- **New Commercial Models:** Owners of ESS are now permitted to sell, lease, or rent their storage capacity to utilities, consumers, or load dispatch centers, fostering a "storage-as-a-service" model and promoting market competition.

China Ups National Energy Storage Plan to 180 GW by 2027

Sep 12th: China's National Development and Reform Commission (NDRC) and National Energy Administration (NEA) released a three-year action plan on Friday, September 12, 2025, to more than double its so-called new energy storage capacity to 180 GW by 2027. The plan, which excludes pumped hydro storage, aims to attract approximately ¥ 250B (\$ 35B) in sector investment to support the country's renewable energy expansion and the development of new-type power systems. This initiative builds on China's successful efforts to exceed its previous 2025 target ahead of schedule, highlighting rapid growth in the energy storage sector.²²³

²¹⁹ https://www.evinfrastructurenews.com/ev-regulations/germany-s-regulator-opens-door-for-bidirectional-ev-charging-energy-storage-to-actively-participate-in-the-electricity-market-

 $^{{}^{220}\} https://www.bnamericas.com/en/news/colombia-unveils-new-rules-to-spur-battery-projects$

²²¹ https://www.bloopower.com/news/the-czech-republic-opens-grid-connection-appli-85237605.html

²²² https://www.energetica-india.net/news/ministry-of-power-notifies-rules-to-expand-energy-storage-systems-ownership-and-usage

²²³ https://www.bloomberg.com/news/articles/2025-09-12/china-aims-to-more-than-double-energy-storage-capacity-by-2027



Philippines GEA-4 Falls Short

Sep 8th: The Philippines' Fourth Green Energy Auction (GEA-4) saw an 88% subscription rate for renewable energy capacity, with 9,423 MW out of a 10,653 MW target successfully bid upon by 111 projects for solar, onshore wind, and solar with energy storage systems (IRESS). The Department of Energy (DOE) will offer the remaining unsubscribed capacity, primarily in floating solar, onshore wind, and IRESS, to other qualified bidders to meet the overall target. Winning bidders must complete post-auction requirements, with the projects expected to start delivery and contribute to the country's renewable energy goals between 2026 and 2029. The awarded projects are scheduled to begin delivering electricity and commercial operations between 2026 and 2029.

Argentina Awards 667 MW in First Tender

Sep 2nd: Argentina successfully concluded its first BESS tender, awarding 667 MW of capacity—30% over the initial 500 MW goal—due to strong interest and competitive pricing from 15 companies offering 1,347 MW in proposals. The Alma-GBA initiative will improve grid reliability in the Buenos Aires Metropolitan Area (AMBA), with an investment exceeding \$ 540M in projects contracted by Edenor and Edesur. The awarded contract prices, ranging from \$10,161 to \$12,815 per MW-month, were significantly below the \$15,000/MW-month reference price, leading to the expanded award capacity.²²⁵

Data Center / Energy Storage News

United States

• Sep 3rd: Prometheus Hyperscale (Prometheus), a sustainable, next-generation hyperscale data center developer, and Conduit Power LLC (Conduit), an independent power producer and provider of distributed power solutions, announced a partnership to deliver reliable hybrid bridge and back-up power solutions for data center builds to be co-located at certain carbon-free energy facilities owned and operated by ENGIE in Texas. This partnership leverages forward-thinking solutions and existing assets to develop scalable compute infrastructure designed for the age of Al. Conduit's hybrid gas plus battery power solution, designed in partnership with Gruppo AB (AB), one of the largest and most prominent global providers of power generation solutions, prioritizes reliability, sustainability and speed-to-market. Starting with two projects in Texas, Prometheus will deploy this hybrid power model for near-term bridging and back-up solutions for up to 300MW at each of its next generation hyperscale data centers. The first facility is expected to come online in 2026, with additional locations planned for 2027 and beyond.²²⁶

Hydrogen News

United States

Largest Green-Hydrogen Energy-Storage Project in US Completed in California

Sep 26th: Energy Vault and PG&E brought the 8.5 MW / 293 MWh Calistoga Resiliency Center online to protect the city during wildfire PSPS events. The microgrid uses liquid green hydrogen feeding fuel cells to charge lithium-ion batteries and is designed to keep Calistoga's downtown operating for at least 48 hours. Energy Vault will own, operate, and maintain the system under a 10.5-year deal with PG&E, serving about 1,600 customers. It's PG&E's 13th wildfire-support microgrid since 2021 and its first that's fully renewable.²²⁷

²²⁴ https://asian-power.com/project/news/phs-fourth-green-energy-auction-sees-88-subscription-rate

²²⁵ https://battlink.com/news/argentina-battery-energy-storage-tender-667mw/

²²⁶ https://www.businesswire.com/news/home/20250903895429/en/Prometheus-Hyperscale-and-Conduit-Power-Form-Partnership-to-Accelerate-Speed-to-Market-for-Al-Data-Centers-in-Texas

²²⁷ https://www.hydrogeninsight.com/power/largest-green-hydrogen-energy-storage-project-in-us-completed-in-california/2-1-1877640 *Not for redistribution.*



Electric Hydrogen Buys US H₂ Developer and Plans \$ 400M Capital Investment Worldwide

Sep 8th: Electric Hydrogen acquired New York-based developer Ambient Fuels, adding in-house origination, build, and sales for green H2 projects. Alongside the deal, it formed a strategic partnership with Generate Capital to deploy up to \$400m in project finance globally starting in 2026. EH has been supplying 100 MW PEM "HYPRPlant" systems and cites EU RED III RFNBO targets and the US 45V tax credit as key demand drivers (despite OBBBA moving the begin-construction deadline to 2028). Ambient's former CEO, Jacob Susman, will lead EH's development team.²²⁸

Cummins Delivers its Largest-Ever Electrolyser Order to Linde's Niagara Falls LH2 Plant

Sep 8th: Cummins' Accelera division shipped 35 MW of PEM electrolysers (made in Fridley, MN) for Linde's hydro-powered liquid hydrogen plant in Niagara Falls, NY. Linde will install, own, and operate the units, targeting a 2025 start-up. It's Cummins' biggest deployment to date (previous high: 25 MW in FL) and Linde's largest electrolyser installation globally. Linde plans to leverage existing liquefaction and distribution to supply aerospace, electronics, and manufacturing customers across multiple markets.²²⁹

International

Germany Opens 2nd Funding Call for Non-EU Green H₂ Projects

Sep 29th: Germany's Ministry for Economic Affairs & Energy launched a new call aimed at SMEs (tech suppliers, project developers) investing in renewable hydrogen or derivatives outside the EU. Grants up to €30m are available, budget-limited until the 2026 budget. Pilot plants of industrially relevant size; associated storage/transport infrastructure, and conversion to ammonia/methanol/methane are eligible. Projects must run at least three years post-commissioning, show they're not viable without support, and build import pathways to Germany. Exclusions are Switzerland, Norway, Iceland, Liechtenstein (other non-EU European countries eligible). A separate Module 2 will fund research via the Ministry of Research, Technology & Space. The deadline for project outlines is Dec 18th. The first call (Oct 2021) ultimately backed seven projects across Saudi Arabia, Namibia, South Africa, Serbia, Uruguay, Chile, and Tunisia.²³⁰

Indian State Utility Seeks Developer For 7 GW Green H2 Hub

Sep 29th: NTPC Green Energy Ltd issued a global EOI for India's first National Green Hydrogen Hub at Pudimadaka, Andhra Pradesh, targeting 7 GW of electrolysers by 2032 to produce about 2.5 Mt/yr of green hydrogen-based chemicals (ammonia, methanol, e-SAF, green urea). The hub will add a port/jetty, desalination, chemical storage, and ~7.5 GW of new transmission; NGEL will supply the renewable power. Options with the selected developer include RE sales, land sub-lease, GH2/ammonia/biogenic CO₂ supply, or a JV. The project secured a 485-hectare lease in Feb 2024; PM Modi laid the foundation stone in Jan with a notional \$ 21B cost and ~20GW RE plan. EOIs are due Oct 24 via NTPC's portal.²³¹

OMV Breaks Ground on 140 MW Green Hydrogen Plant Near Vienna

Sep 29th: OMV has started construction on a 140 MW PEM electrolyzer project that will become Austria's largest green hydrogen facility when it starts up in late 2027. Powered by wind, solar, and hydro, it's slated to produce

Not for redistribution.

²²⁸ https://www.hydrogeninsight.com/production/electric-hydrogen-buys-us-h2-developer-and-plans-400m-capital-investment-worldwide/2-1-1869041

²²⁹ https://www.hydrogeninsight.com/electrolysers/cummins-delivers-its-largest-ever-electrolyser-order-to-liquid-hydrogen-plant-in-new-york-state/2-1-1868698

²³⁰ https://www.hydrogeninsight.com/production/german-government-publishes-call-for-proposals-to-financially-support-non-eu-green-hydrogen-projects/2-1-1878347

²³¹ https://www.hydrogeninsight.com/production/indian-state-owned-power-giant-seeks-international-developer-for-7gw-green-hydrogen-project/2-1-1878117



up to 23,000 tons of H₂ per year to replace grey hydrogen at OMV's Schwechat refinery, cutting about 150,000 tons of CO₂ annually (~10% of refinery emissions). Siemens Energy will supply the PEM stacks and serve as EPC. The project includes a 22 km pipeline from Bruck an der Leitha to Schwechat and follows OMV's 10 MW pilot that entered service in April. OMV plans a "mid–triple-digit millions of euros" investment and expects Austrian public funding tied to the EU Hydrogen Bank's € 400M "auction-as-a-service" for Austria. ²³²

Construction Begins on World's Largest Hydrogen Fuel-Cell Power Plant

Sep 26th: Work has started on the 819.1B Korean Won (~\$ 581M USD) Gyeongju Gangdong project, a 108 MW baseload fuel-cell plant that will run on grey hydrogen produced on site from natural gas, with grid operations targeted for 2028. Developed by ESD Holdings and Gangdong Energy, it will overtake the 79 MW Shin Incheon Vision Dream plant as the largest of its kind. Financing includes regional revitalization funds, a 6.5B Korean Won provincial investment for an 8% stake, HUG loan guarantees enabling below-market debt, and long-term REC contracts to stabilize revenues, despite lifecycle CO₂ from SMR-produced hydrogen (typically ~8–12 kg CO₂ per kg H₂). The project is intended to bolster power reliability for the East Coast industrial belt and rising data-center demand.²³³

Construction Begins on Green Hydrogen-Based Direct-Reduced Iron Plant in Austria

Sep 25th: Primetals, Rio Tinto, and Voestalpine started building the Hy4Smelt project in Linz, due online by end-2027. It's the first industrial-scale combo of Primetals' HYFOR (H₂-based direct reduction of iron-ore fines) with electric smelting, enabling use of low/medium-grade ores. Budgeted at € 170M, Voestalpine calls it Austria's largest climate-action research project. Rio Tinto will supply 70% of the ore; Mitsubishi is a co-investor via Primetals. H₂ will come from the 6 MW H2Future electrolyzer on site (operational since 2019). Hy4Smelt will initially produce three tons per year of green pig iron and, unlike typical DRI-EAF pathways, will feed an existing basic oxygen furnace. Slag by-product will displace blast-furnace slag in applications like cement. Voestalpine still plans to start up new EAFs at Linz and Donawitz in 2027 toward a 30% CO₂ cut by 2029.²³⁴

Hyundai Completes 'First' Large-Scale Commercial Green Hydrogen Plant in South Korea

Sep 24th: Hyundai finished a 2.5 MW project at Buan (North Jeolla), now entering testing before 2026 commercial operations. Expected output is just over 1 t/day of green H₂ for local research facilities and HRSs. The electrolyzer supplier wasn't disclosed. The MOTIE-led initiative (with provincial/county bodies, KHNP, and Techcross affiliates) was selected in 2022 and originally targeted May 2024 completion. There is another plant that competes for the "first" title - Jeju Energy Corp's 3.3 MW plant began commercial operations in Jun 2024, and KOSPO's 12.5 MW pilot has run since Oct 2022.²³⁵

Air Liquide's 200 MW Normand'Hy on Track; 75% of Electrolyzers Delivered

Sep 24th: Air Liquide has received 9 of 12 Siemens Energy PEM units for its 200 MW Normand'Hy project in France, keeping completion next year on track. Backed by an offtake with TotalEnergies' Gonfreville refinery from H2 2026, the plant is sized for ~28,000 t/yr, though the offtake covers ~100 MW with the balance serving Normandy industrial customers. Air Liquide is investing € 400M+ and holds 25% of Siemens Energy's Berlin PEM JV. Installation/commissioning timelines for all 12 units weren't disclosed. Separately, Air Liquide took FID on the 200 MW ELYgator project in Rotterdam (start-up 2027) to supply TotalEnergies' refining operations.²³⁶

²³² https://www.hydrogeninsight.com/production/austrias-largest-green-hydrogen-project-begins-construction/2-1-1878319

 $^{^{233}\} https://interestingengineering.com/energy/worlds-largest-hydrogen-power-plant$

²³⁴ https://www.primetals.com/en/news/2025083472-construction-begins-on-hydrogen-based-ironmaking-plant-in-linz-austria/

²³⁵ https://fuelcellsworks.com/2025/09/24/electrolyzer/hyundai-e-and-c-completes-south-korea-s-first-commercial-water-electrolysis-hydrogen-plant

²³⁶ https://hydrogeneurope.eu/siemens-energy-delivers-first-electrolysers-to-air-liquides-200mw-plant/ *Not for redistribution.*



Microsoft Signs Seven-Year Deal for Green Hydrogen-Based Steel in is Data Centers

Sep 24th: Microsoft will buy environmental attribute certificates (EACs) from Sweden's Stegra for seven years to lower reported Scope 3 emissions while directing its data-center equipment suppliers to purchase Stegra's physical steel at parity with conventional BF steel. Stegra's Boden project (740 MW electrolyzers, DRI + EAF route) targets ~95% CO₂ reduction vs blast furnaces and already has 5–7-year offtakes with auto OEMs (e.g., Mercedes-Benz, Porsche, Scania, Kirchoff, ZF). Stegra recently disclosed a funding gap, after only € 100M of an EU-approved € 265M Swedish grant was paid.²³⁷

None Of Norway's Large Green H₂ Projects in Grid Queue Expected to Be Built

Sep 23rd: Statnett (Norway's system operator)'s EVP Gunnar Løvaas told the Norwegian Hydrogen Forum that high costs mean Norway is unlikely to see significant green hydrogen before the 2030s, and that none of the large projects currently seeking grid connection are expected to materialize. Reserved grid capacity for hydrogen projects fell 34% from May–July as developers withdrew (often after failing maturity checks). Hydrogen/ammonia holds 2.4 GW of reservations (eight projects ≥100 MW totaling ~1.9 GW), while data centers lead with 4.6 GW; together they make up ~75% of the queue. Projects can't hold reservations for over 10 years, so anything targeting post-2035 isn't in queue yet. Statnett's outlook is that there will be ~3 TWh H₂ power use by 2035, ~10TWh by 2040, and ~27TWh by 2050, with better prospects for smaller transport/industrial projects. The largest queued H₂ project in Norway is Gen2 Energy's Mosjøen plant.²³⁸

Chinese SOE Starts 295 MW Green H₂-To-Methanol Project

Sep 22nd: China Huadian began building a CNY 3.9bn (~\$ 548M) integrated project in Tieling, Liaoning; with 450 MW of wind powering 295 MW of electrolyzers to make ~19,000 t/yr green H₂ and 100,000 t/yr green methanol. CO₂ feedstock will come from a nearby state-owned ethanol plant, ~1 km away. Initial works cover H₂/methanol storage and wind-farm roads, with production slated for Mar 20, 2027. It's one of eight NEA-priority pilots, required to reach "high, stable" output by Jun 2027 and finish by year-end 2027. Huadian targets domestic sales and exports, though the site is >200 km from the nearest international port.²³⁹

Korean Province to Invest \$ 7.8 B in Country's Largest Hydrogen Industrial Cluster

Sep 19th: South Chungcheong (Chungnam) states it will invest 10.9T Korean Won (~\$ 7.8B) by 2030 to build the West Coast Hydrogen Industry Belt, signing 19 agreements with subsidiaries of Linde, Lotte, Hanwha, Hyundai and local power producers (coal-to-H₂/ammonia co-firing). 2040 goals include 1.2Mt/yr hydrogen production, 20 GW of hydrogen co-fired/fuel-cell power, ten hydrogen cities, 200 specialized companies, 50,000 FCEVs, and 180 HRS. Initial focus centers on production facilities, H₂ power generation, and an ammonia port terminal in Dangjin, alongside R&D and CCU initiatives. The province frames the plan as a coal phase-out and Al-era reliability strategy.²⁴⁰

Thyssenkrupp to Offtake 100% Of Green Iron from 1.4 GW Australian Project

Sep 17th: Thyssenkrupp Materials Trading signed an MoU to buy all green iron pellets/HBI from Progressive Green Solutions' Mid-West Green Iron complex, which plans 1.4 GW of on-site electrolyzers. The electrolyzer supplier on the project is slated to be Thyssenkrupp Nucera (majority Thyssenkrupp-owned). The project is early-stage, targeting first output in Q1 2030 and ramping to 30 Mt/yr by 2032. The deal aligns with looming EU CBAM charges on high-carbon steel. Notably, parent Thyssenkrupp previously canceled a clean-H₂ tender for its

²³⁷ https://www.canarymedia.com/articles/green-steel/stegra-microsoft-data-center-deal

²³⁸ https://www.gleaf.in/news/none-of-the-large-green-hydrogen-projects-seeking-grid-connection-in-norway-will-be-built-predicts-grid-operator

²³⁹ https://www.h2-view.com/story/huadian-breaks-ground-on-295mw-green-hydrogen-methanol-plant-in-china/2132443.article/

²⁴⁰ https://www.h2-view.com/story/chungcheongnam-commits-almost-8bn-to-five-year-hydrogen-transition/2132336.article/ *Not for redistribution.*



Duisburg DRI due to high prices. Its processing arm also agreed to offtake 100,000 t/yr of low-carbon flat steel from Hydnum Steel in Spain.²⁴¹

Australian Government to Launch AUD 1.1B Subsidy for Low-Carbon Hydrogen-Derived Fuels

Sep 17^{th} : Canberra committed AUD 1.1B for a 10-year "Cleaner Fuels Program" to grant-fund domestic producers of low-carbon liquid fuels, including SAF from biomass (with added hydrogen) and e-fuels from green H_2 . Policy aims to onshore value from ~AUD 3.9B of exported feedstocks and cut up to 230 Mt CO_2 e by 2050 (per CEFC). Scheme design will be consulted on this year, finalized mid-2026, with applications opening in 2027. Industry groups emphasize parallel H_2 capacity build and first-mover support to reach scale.²⁴²

Green Hydrogen Steel Pioneer Seeks New Funds After Sweden Withholds Grant

Sep 4th: Stegra confirmed it must raise additional capital for its 740 MW green H2–based steel project in Boden after receiving only € 100M of a previously EU-approved € 265M Swedish grant. Authorities withheld the remaining € 165M because Stegra's initial products won't be fully fossil-free (natural gas will be used for carburizing until a biogenic source is secured). The project is financed with € 4.2B debt, € 2.1B equity, and a € 250M EU Innovation Fund grant; 200 MW of electrolyzers (10×20 MW) are already installed. Stegra targets late-2026 continuous operations (starting with scrap EAF, then adding DRI and electrolyzers), has pre-sold ~50% of 2.5Mt/yr capacity, and plans to scale to 5Mt/yr.²⁴³

German-Australian Green Hydrogen Auction Plans to Award Winners in 2026

Sep 2nd: Germany and Australia opened a consultation for a € 400M H2Global joint tender to bridge the gap between renewable H2 production costs and sales prices. The first supply-side auction is slated to open in H1 2026 and make awards the same year, with ten-year Hintco contracts and production required to start within five years of award. An eight-week application window will precede negotiations to a single set of T&Cs. A bid cap (set by an external expert) will apply, while sales auctions to offtakers will include a price floor referenced to grey H2. Buyers handle onward transport from Germany. Eligible products are RFNBO-compliant renewable hydrogen, green ammonia, and methanol. Total committed volume is limited to available German/Australian funds, though sales proceeds may enable additional purchases. Australia targets 0.2Mt exports by 2030 and 15Mt/yr domestic production by 2050. A separate Germany–Canada bilateral H2Global auction is also in consultation.²⁴⁴

Small Modular Reactors + Storage

Sep 23rd: TerraPower, a nuclear innovation company, Evergy and the Kansas Department of Commerce, announced the signing of a MOU to explore siting TerraPower's flagship technology, the Natrium® reactor1 and ESS, within Evergy's service territory in Kansas. This agreement will enable the collaboration between the entities to evaluate site-specific characteristics for a potential advanced nuclear power plant, as well as explore the Natrium plant's technical design and ability to support Evergy's customers. Site selection will be based on an evaluation of a variety of factors including community support, the physical characteristics of the site, the ability of the site to obtain a license from the U.S. Nuclear Regulatory Commission and access to existing infrastructure. Natrium technology features a 345 MWe sodium-cooled fast reactor with a molten salt-based ESS. The storage technology can boost the system's output to 500 MW of power when needed as it is designed to

²⁴¹ https://www.thyssenkrupp-nucera.com/pgs-selects-thyssenkrupp-nucera-as-preferred-supplier-for-1-4-gw-electrolyzer-for-flagship-green-iron-project-in-australia/

²⁴² https://www.linkedin.com/posts/lee-enterprises-consulting-inc_australia-promises-735-million-to-launch-activity-7375940528703512576-IYRR

²⁴³ https://uk.finance.yahoo.com/news/swedens-stegra-seeks-more-funds-073422137.html

²⁴⁴ https://www.hydrogeninsight.com/policy/german-australian-green-hydrogen-auction-plans-to-award-winners-in-2026/2-1-1865753



keep base output steady, ensuring constant reliability, and can quickly ramp up when demand peaks — it is the only advanced reactor design with this capability. TerraPower broke ground on the first Natrium project in 2024 in Wyoming and is positioned to be America's next commercial-scale nuclear power plant.²⁴⁵

Upcoming Conferences

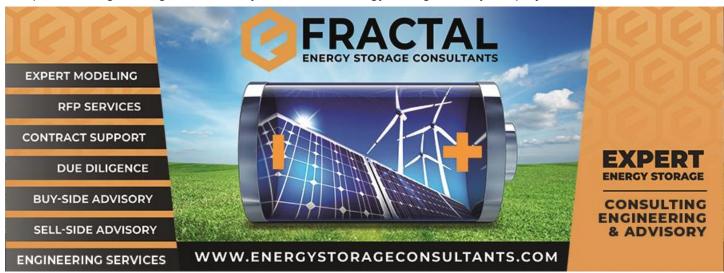
Ot	Maries 2005 Máries Oite Maries
September 2-4, 2025	ees Mexico 2025 – México City, Mexico
September 8-11, 2025	RE+ 2025 – Las Vegas, NV
September 10-12, 2025	SNEC 10th International Energy Storage Technology 2025 – Shanghai, China
September 16-17, 2025	Solar & Storage Live Zurich 2025 – Zürich, Switzerland
September 16-17, 2025	Large Scale Solar Southern Europe 2026 – Athens, Greece
September 23-24, 2025	Energy Storage Summit Central Eastern Europe 2025 – Warsaw, Poland
September 23-25, 2025	Solar & Storage Live UK 2025 – Birmingham, UK
September 25-26, 2025	Energy Storage Canada 2025 – Canada
September 29-30, 2025	Infocast Energy Tax Equity & Credit Markets 2025 – Houston, TX
September 30-October 1, 2025	Green Hydrogen Summit USA 2025 – Seattle, WA
September 30 – October 1, 2025	RE+ Centroamerica 2025 – Panama City, Panama
October 1-2, 2025	EV Infrastructure & Energy Summit 2025 – London, UK
October 6-9, 2025	The Battery Show North America 2025 – Detroit, MI
October 6-8, 2025	ACP Offshore WINDPOWER 2026 – Boston, MA
October 7-8, 2025	PV CellTech USA 2025 – San Francisco, CA
October 7-8, 2025	Energy Storage Summit Asia 2025 – Manilla, Philippines
October 8-9, 2025	Solar & Storage Live Italia 2025 – Veronafiere, Italy
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October 12-14, 2025	Solar & Storage Live KSA 2025 - Riyadh Front, Saudi Arabia
October 14-15, 2025	Clean Energy Investment Summit 2025 – Houston, TX
October 14-15, 2025	Energy Storage Summit Latin America 2025 – Santiago, Chile
October 14-15, 2025	Battery Asset Management Summit UK & Ireland 2025 – London, UK
October 15-16, 2025	Solar & Storage Live Amsterdam 2025 - Amsterdam
October 15-16, 2025	Solar & Storage Live Cape Town 2025 – Cape Town, South Africa
October 21-22, 2025	Solar & Storage Finance USA Summit 2025 – New York, NY
October 27-29, 2025	ACP Recharge Energy Storage Summit 2025 – Austin, TX
October 28-29, 2025	Infocast Mountain West Renewables 2025 – Salt Lake City, UT
October 29-30, 2025	ACP PEAK: Performance, Modeling & Assessment Conference 2025 – Austin, TX
October 10-12, 2025	SNEC Energy Storage and Battery Expo 2025 – Shanghai, China
October 19-23, 2025	CARILEC Conference and Exhibition 2025 – Dominican Republic
October 20, 2025	RE+ Alaska 2025 – Anchorage, AK
October 29-30, 2025	All Energy Australia 2025 – Melbourne, Australia
October 31-November 1, 2025	Energy Storage Summit India 2025 – Greater Noida, India
November 3-5, 2025	Infocast Southeast Renewable Energy – Charlotte, NC
November 5-6, 2025	Solar & Storage Live Paris 2025 – Paris, France
November 6-7, 2025	Solar & Storage Live Indonesia 2025 - Tangerang, Jakarta, Indonesia
November 7-8, 2025	Reuters Energy Storage North America 2025 – Houston, TX
November 7-8, 2025	RE+ Midwest, 2025 - Chicago, Illinois
November 11-12, 2025	Battery Asset Management – San Diego, CA
November 13-14, 2025	Solar & Storage Live Barcelona 2025 - Barcelona, Spain
November 19-20, 2025	RE+ CHARGE H2 2025 – Seattle, WA
November 20-21, 2025	RE+ Península de Yucatán 2025 - Mérida, Yucatán, México
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November 25-26, 2025	Large Scale Solar Central Eastern Europe 2025 – Warsaw, Poland
December 2-3, 2025	RE+ Community Energy 2025 - Schaumburg, IL
December 2-3, 2025	PV ModuleTech Europe 2025 – Malaga, Spain
December 2-3, 2025	Battery Asset Management Summit Europe 2025 – Rome, Italy
December 9-10, 2025	Reuters Energy LIVE 2025 – Houston, TX
January 14-15, 2026	RE+ Hawaii 2026 – Honolulu, Hawai'i

²⁴⁵ https://www.businesswire.com/news/home/20250923096475/en/TerraPower-Evergy-and-the-State-of-Kansas-Announce-Agreement-to-Explore-Advanced-Nuclear-Energy-Deployment



Fractal Energy Storage Consultants News

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.



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

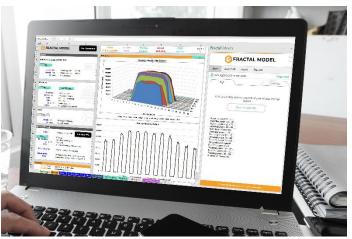


FRACTAL MODEL TECHNOECONOMIC MODELING SOFTWARE

BANKABLE BATTERY STORAGE AND HYBRID DESIGN AND ANALYSIS TOOL

V25.9 RELEASED ON SEPTEMBER 30TH - 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 25.9 Key Updates Include:

- 1. CAPEX Updates and Supply Chain Calculation:
 - Current State of the BESS Market in Q3 2025
 - FEOC Rules for OBBBA 2025
- 2. Expanded Hybrid and Gas Generation Model
 - Expanded Hybrid Model Features with Gas and PV Detailed Efficiency Inputs
- 3. Training Library
 - Video Walkthroughs on Latest Models and Templates app.fractalmodel.com



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

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

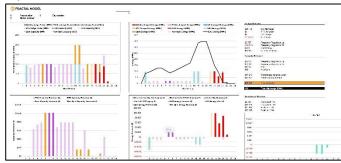
- Investment Tax Credit
- Production Tax Credit
- State Incentives

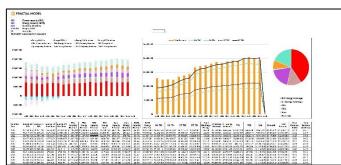
STATE LEVEL PROGRAMS

- 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

INVESTMENT-GRADE ANALYSIS

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.







Fractal EMS News



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, 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, AESI
- <u>Batteries</u>: 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
- <u>Inverters</u>: PE, SMA, EPC Power, Sungrow, Sineng, Dynapower, Ingeteam, Kehua, Huawei, CRRC, Sinexcel, NR Electric, TBEA

SCHEDULE A DEMO

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

- Corrie@FractalEMS.com
- Ziwei.Cao@FractalEMS.com

Fractal EMS Expands Global Footprint with New European Office in Frankfurt, Germany

AUSTIN, Texas – September 30, 2025 – Fractal EMS Inc., a leading provider of advanced energy management systems for critical energy storage, solar projects, and hybrid systems, today announced the opening of its first European office in Frankfurt, Germany. This strategic expansion underscores the company's commitment to meeting the surging demand for innovative energy solutions across Europe by establishing a strong local presence.

The new Frankfurt office will serve as a hub for Fractal EMS's European operations, enabling closer collaboration with clients and partners in the region. With Europe's accelerating transition to renewable energy and the growing adoption of battery energy storage systems (BESS), Fractal EMS aims to support utilities, developers, and enterprises in optimizing their energy assets for efficiency, reliability, and sustainability.

"We are thrilled to bring Fractal EMS's cutting-edge technology directly to our European customers," said Daniel Crotzer, CEO of Fractal EMS Inc. "The Frankfurt office will allow us to provide tailored, on-the-ground support, helping our clients navigate the complexities of the energy market and achieve their renewable energy goals faster. This move is a natural response to the growth we've seen in demand for our fully vertical EMS platform."

Key features of the Frankfurt office include:

- Local Sales Team: Dedicated experts to assist with project consultations, customized solutions, and seamless integration of Fractal EMS's software, controllers, and analytics.
- Technical Support and Service Center: On-site engineers for rapid deployment, maintenance, and optimization services, reducing downtime and enhancing system performance.

The office is located in the heart of Frankfurt's financial district, positioning Fractal EMS at the center of Europe's energy and technology ecosystem. Initial staffing will include sales, technical, and support roles, with plans to expand the team in line with market growth.

This expansion builds on Fractal EMS's recent successes, including deployments across North America and partnerships with major renewable energy providers. The company remains focused on delivering full command, control, monitoring, and management for single assets or global fleets, empowering a sustainable energy future.



FIND US IN MELBOURNE OCT 29-30

