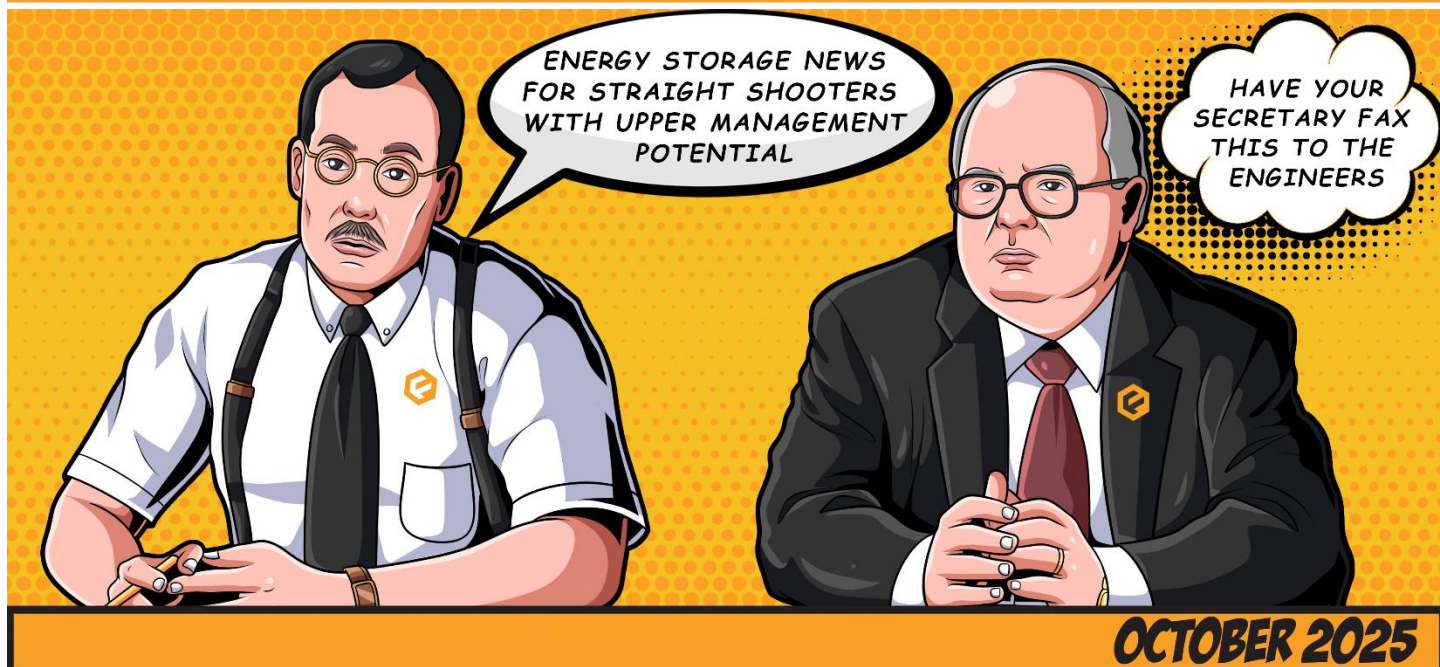


FRACTAL ENERGY STORAGE NEWS



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Recent Storage M&A Transactions and Investment News

United States

- Oct 23rd: Energy Vault Holdings, Inc. has acquired plans to develop the SOSA Energy Center, a 150 MW / 300 MWh battery energy storage system (BESS) in Madison County, Texas, marking the first project formally acquired through its Asset Vault platform. The project, initially developed by Shell's Savion, is expected to receive Notice to Proceed in Q4 2025 and begin commercial operations in Q1 2027, delivering critical grid support in the ERCOT North market. Supported by a \$300M preferred equity investment from OIC and

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federal ITC funds, the project will leverage Energy Vault's B-VAULT™ AC technology for fast, cost-efficient deployment. SOSA strengthens Energy Vault's vertically integrated Asset Vault portfolio, which also includes Cross Trails BESS, Calistoga Resiliency Center, and Stoney Creek BESS, generating predictable, recurring cash flows across U.S. and international markets.¹

- **Oct 23rd**: Redwood Materials, founded by former Tesla CTO JB Straubel, raised \$350M in a Series E funding round led by Eclipse and supported by NVentures and other strategic investors. The company is scaling U.S.-made battery storage systems and critical materials production to meet rising demand from AI data centers and the clean energy sector. Redwood recently partnered with GM to repurpose new and second-life EV batteries into storage systems through its Redwood Energy venture. The new funding will expand energy storage deployments, materials production, and engineering and operations teams, supporting domestic supply chains for lithium, nickel, cobalt, and copper.²
- **Oct 22nd**: Peregrine Energy Solutions raised \$130M from investors including South Korea's Ministry of Environment, IMM Investment, Woori Private Equity, and AB CarVal to expand its U.S. battery storage portfolio. The funding will accelerate projects that strengthen grid reliability amid growing power demand. Peregrine, praised by investors for its strong management and execution, plans to bring two ERCOT projects online by early 2026 and expand into key U.S. markets.³
- **Oct 14th**: Greenflash Infrastructure has acquired Rock Rose, a 200 MW / 400 MWh stand-alone battery energy storage project in Fort Bend County, Texas, from Advanced Power. The pre-Notice-to-Proceed project strengthens Greenflash's 5 GW ERCOT buildout, chosen for its strong interconnection and grid reliability benefits. Managing Partner Vishal Apte stated that the deal adds near-term, execution-ready capacity, while Advanced Power CEO Tom Spang noted that it demonstrates continued collaboration to meet ERCOT's growing reliability needs. The project is expected to reach NTP in 2026 and begin operations in mid-2027.⁴
- **Oct 10th**: Advanced Power has sold its fully developed 200 MW / 400 MWh Rock Rose Energy Storage project in Texas to Greenflash Infrastructure, L.P. The project is a standalone BESS located in Fort Bend County. The project is fully permitted and expected to begin commercial operations in mid-2027.⁵
- **Oct 9th**: Energy Vault closed a \$300M preferred equity investment with OIC L.P. and launched Asset Vault, a subsidiary to develop, own, and operate global energy storage projects. The platform consolidates 3 GW / 12+ GWh of contracted and operational assets across the U.S., Europe, and Australia, including the Cross Trails BESS, Calistoga Resiliency Center, and Stoney Creek BESS. Asset Vault integrates EPC and long-term service agreements to generate recurring cash flows, with expected EBITDA of \$100M+ within 3–4 years. The investment validates Energy Vault's IPP strategy and supports accelerated deployment in priority markets.⁶
- **Oct 9th**: Hithium Energy Storage plans to restart its Hong Kong IPO within the next three months after its initial March application lapsed. The Chinese company, founded in 2019 and now the world's third-largest energy storage provider, is seeking funds to support global expansion amid surging demand for battery and storage systems. Hithium's revenue rose 26% in 2024 to ¥ 12.9B (\$1.81B), with overseas sales jumping from

¹ <https://www.businesswire.com/news/home/20251023826095/en/Energy-Vault-Announces-Acquisition-of-150-MW-Battery-Energy-Storage-Project-in-Texas-Under-New-Asset-Vault-Platform>

² <https://electrek.co/2025/10/23/jb-straubel-redwood-350m-us-made-battery-storage/>

³ <https://www.prnewswire.com/news-releases/peregrine-energy-solutions-secures-130-million-in-new-capital-to-advance-us-battery-storage-portfolio-302591499.html>

⁴ <https://www.businesswire.com/news/home/20251014822795/en/Greenflash-Acquires-200-MW-400-MWh-Pre-NTP-Battery-Storage-Project-in-Texas>

⁵ <https://www.prnewswire.com/news-releases/advanced-power-closes-sale-of-rock-rose-energy-storage-302579957.html>

⁶ <https://www.businesswire.com/news/home/20251009153060/en/Energy-Vault-Closes-%24300-Million-Preferred-Equity-Investment-with-Orion-Infrastructure-Capital-OIC-Officially-Launching-Asset-Vault-Platform-in-Move-to-Energy-Asset-Management-and-Long-Term-Asset-Development>
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1% to 28.6% and a ¥318M adjusted profit. Operating plants in Xiamen, Chongqing, and Texas, the company is expanding production to meet international demand and reduce U.S.-China trade risks.⁷

- **Oct 7th:** Brookfield announced the final institutional closure of its Brookfield Global Transition Fund II (BGTF II), raising \$20B in commitments plus \$3.5B in co-investments, totaling \$23.5B, making it the world's largest private fund dedicated to the energy transition. Over \$5B has already been deployed in high-quality projects, including Neoen (renewable power and battery storage), Geronimo Power (U.S. energy developer), and Evren (10 GW of wind, solar, and storage in India). Brookfield aims to accelerate clean energy investments to meet growing demand driven by AI, electrification, and industrial growth, building on the success of its previous \$15B BGTF I and landmark energy supply agreements with Microsoft and Google.⁸
- **Oct 7th:** Bimergen Energy Corporation, formerly Bitech Corporation, a utility-scale battery storage developer (OTCQB: BESS), secured a \$200M (€ 171.2M) equity commitment to construct energy storage sites across the U.S. The company's core business involves developing and operating utility-scale BESS projects. Bimergen owns 23 development-stage BESS projects with an estimated total capacity of 2 GW. It also holds 13 solar energy projects with an anticipated capacity of 1.64 GW.⁹
- **Oct 2nd:** Madison Energy Infrastructure has completed its acquisition of NextEra Energy Resources' distributed generation platform, adding operating solar and storage assets, a strong development pipeline, and customers in 25 states. The deal expands Madison's portfolio to nearly 1 GW of clean energy assets serving a wide range of U.S. customers. Supported by an \$800M debt facility, Madison aims to accelerate growth and strengthen its position as a leading provider of distributed clean energy infrastructure nationwide.¹⁰
- **Oct 1st:** Fermi Inc. (Fermi America) has announced the pricing of its initial public offering (IPO) of 32.5 million shares of common stock at \$21.00 per share, valuing the offering at approximately \$682.5M before any additional shares are sold. The company has also granted underwriters a 30-day option to purchase up to 4.88 million additional shares at the same price, excluding underwriting discounts and commissions. Fermi's common stock is scheduled to begin trading on the Nasdaq Global Select Market on October 1, 2025, and on the London Stock Exchange on October 2, 2025, under the ticker symbol "FRML." The offering is expected to close on October 2, 2025, subject to customary closing conditions. The IPO marks a significant milestone for Fermi America as it brings its Private HyperGrid™ Campus concept to public investors, positioning the company for further growth in the energy and technology infrastructure sectors.¹¹

International

- **Oct 30th:** British renewable energy developer Pioneer Green Power Ltd announced it was divesting its 271 MWdc Rangiriri Solar Farm project in New Zealand to utility company Genesis Energy Ltd. The deal is expected to be finalized by the end of the year, subject to minor conditions. A resource consent is in place for the construction of a co-located BESS of 110 MW / 282 MWh.¹²
- **Oct 30th:** UK energy company Drax Group Plc has signed an agreement with Apatura Ltd to acquire a portfolio of three BESS projects for a fixed amount of £ 157.2M. The portfolio consists of three ready-to-build sites in Scotland and Northern England, which will provide a total capacity of 260 MW once fully commissioned.¹³
- **Oct 28th:** European Energy is selling a 50% stake in its 111 MW Saldus solar and battery project in Latvia to Sampension, a Danish pension fund organization. The project combines a 65 MW solar photovoltaic facility

⁷ <https://www.prnewswire.com/news-releases/hithium-experiences-rapid-business-growth-likely-to-continue-hong-kong-ipo-by-year-end-302579831.html>

⁸ <https://www.globenewswire.com/news-release/2025/10/07/3162201/0/en/Brookfield-Raises-20-billion-for-Record-Transition-Fund.html>

⁹ [https://www.bimergen.com/news/120251007/bimergen-energy-announces-\\$200-million-equity-commitment-for-battery-energy-storage-projects](https://www.bimergen.com/news/120251007/bimergen-energy-announces-$200-million-equity-commitment-for-battery-energy-storage-projects)

¹⁰ <https://www.prnewswire.com/news-releases/madison-energy-infrastructure-completes-acquisition-of-nextera-energy-resources-distributed-generation-platform-302573640.html>

¹¹ <https://www.prnewswire.com/news-releases/fermi-america-announces-pricing-of-initial-public-offering-302571677.html>

¹² <https://www.marketindex.com.au/asx/gne/announcements/genesis-announces-new-solar-farm-acquisition-2A1632486>

¹³ <https://www.drax.com/financial-news/acquisition-of-260mw-2-hour-bess-portfolio/>

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with a 46 MW BESS. Construction began in July 2025 and is expected to be finished in May 2026.¹⁴

- *Oct 27th*: Cero Generation, an independent power producer, has purchased a 100 MW BESS project in Gloucestershire, England, from Longspur Capital and RE Projects Development Limited (REPD).¹⁵ Affiliated with Macquarie's Green Investment Group (GIG), a worldwide infrastructure investor, Cero will partner with its UK collaborator Enso Energy to advance the initiative into construction and operations
- *Oct 27th*: Honda Motor Co., Ltd. (Honda) announced its decision to invest in OMC Power Private Limited (OMC Power), which conducts distributed power supply and mini-grid business in India. This collaboration combines Honda's global technological capabilities with OMC's expertise in rural energy systems to accelerate the development of a 1 GWp clean energy portfolio. The partnership aims to advance innovative business models in energy storage and battery repurposing derived from the electric mobility sector.¹⁶
- *Oct 23rd*: Italian startup Sizible Energy has closed an \$8M funding round led by Playground Global to commercialize its ocean-based long-duration energy storage technology. The company's system uses the ocean's depth to store energy by pumping super-salty brine between a floating reservoir and a seabed reservoir. The technology has completed testing, with the current funding accelerating the path to commercial deployment, including an ongoing pilot in Reggio Calabria, Italy.¹⁷
- *Oct 23rd*: R.Power S.A. sold a 49.99% stake in its 127 MW / 254 MWh Scornicesti BESS project in Romania to Eiffel Investment Group, forming a new joint venture (JV). This partnership, the companies' second in Romania, will jointly finance, build, and operate the BESS project, which aims to enhance grid stability and support Romania's energy transition. Construction is scheduled to commence in Q3 2025, with a completion target of Q3 2026.¹⁸
- *Oct 22nd*: The European Bank for Reconstruction and Development (EBRD) is providing a direct equity investment of up to € 16.8M in IE-Energy Projekt, a newly established joint-stock company developing a greenfield BESS and virtual power plant (VPP) in Šibenik, Croatia. EBRD's investment is approved under the EBRD Direct Finance Framework non-SME. The Project also envisages an equivalent equity investment of € 16.8M by Raiffeisen Mandatory and Voluntary Pension Funds, a large Croatian Institutional Investor, as well as € 16.5M CAPEX grant from the EU Modernization Fund.
The development will support the installation of up to 60 MW of grid-connected battery storage capacity and the deployment of a VPP platform, allowing real-time balancing of electricity supply and demand.¹⁹
- *Oct 21st*: Repono AB has acquired a 202 MW / 404 MWh battery storage project in Arges County, Romania, a move that expands its European presence and involves a partnership with local developers for up to 1.4 GW of additional projects. The acquired project is "ready-to-build" and has a grid connection agreement with Transelectrica.²⁰
- *Oct 17th*: Iberdrola has acquired the Tungkillio battery storage project (270 MW / 1,080 MWh), located in South Australia, from the RES Australia group. Iberdrola estimates € 275M (\$322.04M) in investment to complete the project. Operations are scheduled for 2028. Iberdrola has two other BESS projects under construction in Australia, it added. It expects the 65 MW Smithfield project in New South Wales and the 180 MW Broadsound project, which is part of a 360 MW solar project in Queensland, to start operations 2025 and 2026 respectively.²¹

¹⁴ <https://europeanenergy.com/2025/10/24/european-energy-divests-combined-solar-and-battery-park-in-latvia-to-sampension/>

¹⁵ <https://renewablesnow.com/news/cero-generation-snaps-up-100-mw-battery-project-in-uk-1283938/>

¹⁶ https://global.honda/en/newsroom/news/2025/c251027beng.html?from=latest_area

¹⁷ <https://www.businesswire.com/news/home/20251022523998/en/Sizible-Energy-Raises-%248-Million-to-Launch-Ocean-Based-Energy-Storage>

¹⁸ <https://www.energyglobal.com/energy-storage/23102025/rpower-sells-499-stake-in-127-mw254-mwh-romanian-bess-project/>

¹⁹ <https://www.ebrd.com/home/news-and-events/news/2025/croatia-first-grid-scale-battery-storage-and-virtual-power-plant.html#>

²⁰ <https://www.repono.com/2025/10/21/repono-ab-completes-acquisition-of-200-mw-404-mwh-battery-energy-storage-project-in-romania/>

²¹ <https://finance.yahoo.com/news/iberdrola-acquires-270-mw-bess-140000254.html>

- **Oct 17th:** U.K.-based clean-tech company Allie Energy raised \$2.5M in a seed funding round to scale its smart, modular, and sustainable BESS using repurposed EV batteries. The round was led by returning investors Elbow Beach and Alpha Future Funds and included both equity and debt financing.²²
- **Oct 17th:** Energy storage company Return has received € 300M (~\$348M) in growth equity from APG, which is investing on behalf of pension fund client ABP. The capital will be used to expand Return's battery energy storage platform across Europe, resulting in a long-term strategic partnership between the two companies. Return currently has 70 MW of operational storage capacity and 450 MW under construction in countries like the Netherlands, Germany, Belgium, and Spain. The company aims to achieve a total storage capacity of 5 GW by 2030.²³
- **Oct 16th:** Octopus Group's Australian arm, Octopus Australia, has acquired the 100 MW Coleambally BESS in New South Wales from Chinese developer Risen Energy. The 100 MW / 400 MWh project, strategically located in the Murrumbidgee region, will complement Octopus's Darlington Point Solar Farm and other renewable projects in its portfolio by storing excess energy and discharging it during periods of peak demand. This acquisition marks the first significant deployment of capital since the Dutch pension fund APG invested over AUD 1B into Octopus Australia in July 2025.²⁴
- **Oct 16th:** Dragonfly Energy Holdings Corp. has placed an underwritten public offering of 36 million common shares at \$1.35 per share, along with pre-funded warrants for up to 5 million shares at \$1.3499 each, raising approximately \$55.4M before fees. The company granted underwriters a 30-day option to purchase an additional 6.15 million shares. The offering is expected to close on or around October 17, 2025, subject to customary closing conditions.²⁵
- **Oct 15th:** Copenhagen Infrastructure Partners (CIP) is selling a 50% stake in its 500 MW / 1,000 MWh Coalburn 2 battery storage project in Scotland to AIP Management. The project, situated in South Lanarkshire, is currently under construction and is expected to be one of Europe's largest upon commissioning in 2027. CIP will continue to lead the project's delivery through its construction and development team.²⁶
- **Oct 15th:** NeoVolta Inc. has completed its acquisition of Neubau Energy's assets and next-generation battery platform, expanding its product suite and market reach. The deal includes key executive hires and enhances gross margins, domestic content, and high-density energy storage capabilities. NeoVolta is now taking orders for the neuClick™ modular battery platform, a plug-and-play system with sub-30-minute installation, scalable 10–60 kWh capacity, integrated smart BMS, and high-energy-density lithium-iron-phosphate cells. Shipments are expected to begin January 2026, with U.S. assembly at NeoVolta's San Diego facility, supporting tariff mitigation and rapid deployment.²⁷
- **Oct 15th:** enspired, Europe's leading optimizer for BESS, has secured over € 40M in Series B funding. The round brings in Future Energy Ventures as a new partner, alongside renewed commitments from Zouk Capital, EnBW New Ventures, Banpu NEXT, PUSH VC, and 360 Capital. The company, which develops AI-powered optimization for BESS, initially closed its Series B with € 25.5M (~\$27.5M) in May 2024.²⁸
- **Oct 13th:** Fotowatio Renewable Ventures (FRV), part of Jameel Energy, has advanced its strategy in Finland with the SIMO 100 MW / 200 MWh BESS project. The project was developed in partnership with AMPTank

²² <https://traded.co/vc/deal/allie-energy-secures-2-5-million-seed-funding-from-elbow-beach-and-alpha-future-funds/>

²³ <https://return.energy/news/return-raises-eur-300-million-in-growth-capital-from-apg-to-scale-battery-storage-capacity>

²⁴ <https://octopusinvestments.com.au/insights/octopus-australia-expands-nsw-battery-portfolio-with-acquisition-of-coleambally-battery/>

²⁵ <https://www.globenewswire.com/news-release/2025/10/16/3167815/0/en/Dragonfly-Energy-Announces-Pricing-of-55-4-Million-Public-Offering-of-Common-Stock-and-Pre-Funded-Warrants.html>

²⁶ <https://www.globenewswire.com/news-release/2025/10/15/3166846/0/en/Copenhagen-Infrastructure-Partners-divests-50-of-Coalburn-2-to-AIP-Management.html>

²⁷ <https://www.globenewswire.com/news-release/2025/10/15/3167088/0/en/NeoVolta-Closes-Neubau-Energy-Asset-Purchase-to-Launch-neuClick-Modular-Battery-Platform.html>

²⁸ <https://fev.vc/fev-leads-enspires-series-b-extension-to-accelerate-global-expansion/>

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Energy Oy and reached its financial close on October 13, 2025.²⁹

- **Oct 10th:** Rivington Energy has acquired a 139 MW portfolio of co-located solar and battery storage projects from GRIDSERVE in the UK, comprising a 54 MW ready-to-build (RTB) project in Scunthorpe, a 44 MW RTB project in Doncaster, and a 41 MW pre-ready-to-build project in Hartlepool. The Scunthorpe project is set to be the first to commence construction in October 2025, with the acquisition reinforcing Rivington's expansion in the UK renewable energy market.³⁰
- **Oct 10th:** Kibo Energy PLC is undergoing a reverse takeover by Dubai-based ARIA Commodities in a \$135M deal that will give Kibo control of ARIA's 14-GW Australian wind, solar, and battery storage pipeline. The transaction will bring ARIA Commodities in as a shareholder and aims to move Kibo's focus toward large-scale industrial decarbonization, eventually re-admitting Kibo's shares to trading on the AIM market.³¹
- **Oct 9th:** Enfinity Global Inc., a leading renewable energy company, announced the successful closing of an equity and development partnership with a prominent European investor to close the development and commissioning of a 486 MW BESS in Italy. As part of the agreement, Enfinity Global will continue to lead the permitting process to ensure its seamless deployment. The project, located in the Emilia Romagna region, boasts a storage capacity of 1,944 MWh with a 4-hour duration. This agreement marks a new milestone in Enfinity Global's capital formation strategy and further solidifies its position as a leading player in deploying clean energy infrastructure in Italy. The company's extensive portfolio in the country includes 2.6 GW of solar PV and 5.3 GW of energy storage projects, with 245 MW already operational and 564 MW currently under construction.³²
- **Oct 9th:** Zenith Energy announced the acquisition of a 10 MW_p solar development project in Puglia, Italy, which includes a planned BESS. The project, which Zenith's Italian subsidiary WESOLAR S.R.L. acquired for EUR 875,000, is currently in the development phase and aims to reach "Ready-to-Build" status within 12 to 16 months. The acquisition includes a 10 MW_p solar development project and approximately two hectares of land for the associated BESS.³³
- **Oct 9th:** Sungrow Power Supply has filed for a Hong Kong IPO to raise capital for its global expansion, research and development, and manufacturing capacity. The company, a leading solar inverter and energy storage system provider, aims to raise approximately \$126.7M through the issuance of 338 million shares. Funds from the listing will also support digital transformation initiatives and the construction of new overseas production bases.³⁴
- **Oct 8th:** Nala Renewables has expanded its Finnish battery energy storage (BESS) portfolio by acquiring a 250MW ready-to-build project from Fu-Gen AG, bringing its total capacity in the country to over 300MW. This follows an earlier 50MW acquisition from Fu-Gen in January 2025, and the new projects are set to begin construction in 2026.³⁵
- **Oct 6th:** Norway-based energy software company Volue has acquired SmartPulse, a full-suite short-term power trading and battery optimization platform, to expand its reach in Southern and Eastern Europe and Turkey. SmartPulse, founded in 2018 and certified by exchanges such as EPEX SPOT and Nord Pool, brings an integrated energy suite and an experienced team to Volue.³⁶
- **Oct 6th:** Green Hedge Infra GmbH, a German-focused developer of utility-scale BESS, has sold its first ready-to-build project (100 MW / 400 MWh) to Econergy International, a global independent power producer

²⁹ <https://alj.com/en/news/frv-increases-bess-portfolio-with-the-financial-close-of-simo-100mw-200mwh-in-finland/>

³⁰ <https://inspiratia.com/article/rivington-energy-acquires-139mw-uk-solar-bess-portfolio>

³¹ [https://www.businesswire.com/news/home/20251009166491/en/ARIA-Commodities-Announces-US\\$24135-Million-Reverse-Takeover-of-London-listed-Kibo-Energy-by-Carbon-Resilience-a-14GW-Australian-Renewable-Energy-Platform](https://www.businesswire.com/news/home/20251009166491/en/ARIA-Commodities-Announces-US$24135-Million-Reverse-Takeover-of-London-listed-Kibo-Energy-by-Carbon-Resilience-a-14GW-Australian-Renewable-Energy-Platform)

³² <https://enfinity.global/news/press-releases/486mw-battery-storage-italy/>

³³ <https://live.euronext.com/en/products/equities/company-news/2025-10-09-acquisition-solar-energy-storage-project>

³⁴ <https://www.techinasia.com/news/chinese-solar-inverter-giant-sungrow-power-files-for-hk-ipo>

³⁵ <https://www.nalarenewables.com/news/nala-renewables-expands-its-battery-energy-storage-portfolio-in-finland>

³⁶ <https://www.volute.com/news/volute-acquires-smartpulse-accelerating-expansion-into-southern-and-eastern-europe>

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specializing in large-scale renewables. The project is located near Brandenburg, Germany, with construction already in progress. Completed in June 2025, the deal marks Green Hedge's entry into the German BESS market.³⁷

- **Oct 6th:** BlackRock's Global Infrastructure Partners (GIP) is reportedly close to acquiring The AES Corp in a deal valued at approximately \$38B, including debt. Sources familiar with the situation informed the Financial Times about the potential acquisition of the energy company.³⁸
- **Oct 6th:** Ares Management's infrastructure fund acquired a 49% stake in a \$2.9B renewable energy portfolio from EDP Renováveis, a deal involving 10 assets totaling 1,632 MW across the U.S. The portfolio comprises solar (1,030 MW), wind (402 MW), and storage (200 MW) projects, with all assets having long-term Power Purchase Agreements (PPA) with an average remaining term of 18 years.³⁹
- **Oct 4th:** The European Bank for Reconstruction and Development (EBRD) is investing € 50M in a € 500M, seven-year bond issued by the Greek company GEK TERNA S.A. This investment will support GEK TERNA's projects in renewable energy, battery storage, and infrastructure in Greece, Romania, Albania, and Kosovo. The overall bond proceeds will also finance other group activities and help refinance existing debt. The bond is listed on the Athens Stock Exchange.⁴⁰
- **Oct 2nd:** OMV Petrom has completed its acquisition of a 50% stake in the 400 MW Gabare solar project in Bulgaria, developed by Enery. This acquisition is a significant step for OMV Petrom's regional expansion and renewable portfolio, and the partnership also includes plans for a BESS and a final investment decision expected in the first quarter of 2026. The project is expected to become operational in 2027.⁴¹
- **Oct 2nd:** Varco Energy has acquired the 100 MW Old Allen Road BESS, also known as Bradford West 2, in West Yorkshire, U.K. The 100 MW grid-scale facility will provide flexibility and grid-balancing services to the U.K. electricity network, helping to stabilize the grid as more renewable energy is integrated. Evolution Infrastructure served as the Financial Advisor for the sale.⁴²
- **Oct 1st:** DRI, a subsidiary of Ukraine's DTEK Group, has acquired the rights to build a 112 MW / 448 MWh BESS in Kozienice, Poland, from the Greenvolt Group. The project is ready for construction, with all necessary permits and approvals already in place. The project comes with a 17-year capacity contract that allows it to operate within the capacity market system. The acquisition increases DRI's total storage capacity available to the Polish grid to 245 MW.⁴³

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³⁷ <https://theenergyst.com/green-hedge-sells-100mw-german-battery-storage-project-to-econergy-international/>

³⁸ https://www.linkedin.com/posts/michaelisle_blackrock-globalinfrastructurepartners-activity-7381707320705204225-etY8

³⁹ <https://www.businesswire.com/news/home/20251006433617/en/Ares-Management-Acquires-Stake-in-Diversified-U.S.-Energy-Portfolio-from-EDPR>

⁴⁰ <https://www.ebrd.com/home/news-and-events/news/2025/ebd-invests-in-gek-terna-s-new-bond-issuance-in-greece.html>

⁴¹ https://www.omv.com/en/investors/news/2025/30092025_gabare

⁴² <https://evoinfra.com/successful-sale-of-old-allen-road-bess-to-varco-energy/>

⁴³ <https://dri-energy.com/en/dri-acquires-112mw-battery-storage-project-poland-from-greenvolt/>

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

**ERCOT PV+S
PROJECT
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Fractal, representing our client EIA Properties, Ltd., invites reputable buyers to participate in the Anawa La sale process (the “Process”). This project consists of an AC-Coupled 93.3 MWac Solar PV + 103.7 MW / 207.4 MWh BESS project located in Hidalgo County located in the South Load Zone, Texas (ERCOT), with an expected In-Service Date in Q2 2027. The site is datacenter-ready, with access to multiple fiber lines, natural gas lines, and secured IAs for onsite generation and storage. This is a time-sensitive opportunity for interested parties. Buyers can contact Sean Bruno at sean@fractalba.com.

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

**ERCOT PV+S
PROJECT
FOR SALE**



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NBO SUBMISSION NOV 21st
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Fractal, representing our client Escondido Draw Resources, LLC, invites reputable buyers to participate in the Blackbear sale process (the “Process”). This project consists of an AC-Coupled 102.9 MWac PV + 51.2 MW / 102.4 MWh BESS project located in Crockett County located in the South Load Zone, Texas (ERCOT), with an expected In-Service Date in Q2 2028. This is a time-sensitive opportunity for interested parties. Buyers can contact Sean Bruno at sean@fractalba.com.

PROJECT EPOQUE OPPORTUNITY – ERCOT WEST ZONE DG BESS PROJECT

**ERCOT BESS
PROJECT
FOR SALE**



REPUTABLE BUYERS INVITED

**THIS PROCESS IS IN PHASE 2 AND IS STILL
ACCEPTING OFFERS – CONTACT US ASAP**
[CLICK HERE](#) to learn more.

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

PROJECT KNAPP OPPORTUNITY – ERCOT WEST ZONE DG BESS PROJECT

**ERCOT BESS
PROJECT
FOR SALE**



REPUTABLE BUYERS INVITED

**THIS PROCESS IS IN PHASE 2 AND IS STILL
ACCEPTING OFFERS – CONTACT US ASAP**
[CLICK HERE](#) to learn more.

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

PROJECT REDZONE SALE PROCESS – DATA CENTER READY ERCOT BESS

**ERCOT PVS
AND BESS
FOR SALE**



REPUTABLE BUYERS INVITED

**NBO DEADLINE HAS PASSED.
ACCEPTING BACKUP OFFERS ONLY.**

[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

**ERCOT BESS
PROJECT
FOR SALE**



REPUTABLE BUYERS INVITED

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

[CLICK HERE](#) to learn more.

The Project Maloney sale process features a 200 MW_{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.

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

**ERCOT DC
COUPLED PVS
FOR SALE**



REPUTABLE BUYERS INVITED

**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.

DOMESTIC 120 MVA MAIN POWER TRANSFORMER - SALE PROCESS OPPORTUNITY

**120 MVA MPT
230 kV : 34.5 kV
FOR SALE**



REPUTABLE BUYERS INVITED

**NBO SUBMISSION DEADLINE IS FRIDAY,
NOVEMBER 7, 2025 AT 5 P.M. CT.**

[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 aaron@fractalba.com.

PROJECT DAMON OPPORTUNITY – TEXAS HOUSTON DG BESS PROJECT

ERCOT BESS PROJECT FOR SALE



REPUTABLE BUYERS INVITED

NDA SUBMISSION DEADLINE IS OCT 24th

NBO SUBMISSION DEADLINE IS OCT 31st

[CLICK HERE](#) to learn more

Fractal, representing our client invites reputable buyers to participate in the Project Damon process (the “Process”). This standalone project consists of a 9.95 MW_{ac}, 2-hour BESS located in the ERCOT Houston Load Zone, Texas (ERCOT), with an expected In-Service Date of Q3 2026. The project has an executed SGIA and has already paid for the interconnection fees. This is a time-sensitive opportunity for interested parties. Interested Buyers can contact Sean Bruno at sean@fractalba.com.

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

Fractal has aggressive buyers seeking new sponsorship for 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.

Recent Finance and Tax Equity News

United States

- **Oct 23rd:** Copenhagen Infrastructure Partners (CIP) will provide a debt facility of up to \$165M to Pennsylvania solar storage developer Ampliform to accelerate the development and construction of its U.S. utility-scale solar and storage projects. The funding, provided through CIP's Green Credit Fund I, will be used to cover pre-construction expenses and enable Ampliform to advance projects through permitting and engineering milestones.⁴⁴
- **Oct 22nd:** Electra Battery Materials Corporation (ELBM), a leader in advancing North America's critical minerals supply chain for lithium-ion batteries, announced the closing of its \$34.5M financing and \$40M debt equitization, marking a significant transformation of its balance sheet and funding outlook. With over \$80M now secured from investors and government commitments, Electra has obtained all the capital required to complete the construction and commissioning of North America's first cobalt sulfate refinery. This critical asset will strengthen the region's battery and defense supply chains.⁴⁵
- **Oct 21st:** Recurrent Energy, a subsidiary of Canadian Solar Inc. (Canadian Solar) and a global developer, owner, and operator of solar and energy storage assets, announced it has closed \$825M in construction financing and tax equity for its Desert Bloom Storage and Papago Solar facilities. Nord/LB, Mitsubishi UFJ Financial Group, Inc. (MUFG), CoBank, and Siemens Financial Services provided the construction financing, and Wells Fargo provided the tax equity. Desert Bloom Storage and Papago Solar, both located in Maricopa County, are part of Recurrent Energy's previously announced multi-project partnership with Arizona Public Service (APS). Desert Bloom Storage is a 600 MWh standalone energy storage facility, and Papago Solar is a 150 MW_{ac} solar power plant. Both assets are currently under construction and are expected to begin

⁴⁴ <https://www.prnewswire.com/news-releases/ampliform-secures-a-development-loan-facility-of-up-to-165-million-with-copenhagen-infrastructure-partners-302590648.html>

⁴⁵ <https://www.electrabmc.com/news-releases/news/electra-completes-financing-and-debt-restructuring-fully-funding-north-americas-first-cobalt-sulfate-refinery>

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operations in the first half of 2026.⁴⁶

- *Oct 17th*: U.S. energy storage company Lightshift Energy has secured a \$75M credit facility from KeyBanc Capital Markets to fund their energy storage projects (six operational projects and 10 additional projects on the East Coast that are in or nearing construction). This financing will support the company's expansion by enabling the advancement of its project pipeline.⁴⁷
- *Oct 16th*: Daylight Energy has secured \$75M in funding, composed of \$15M in equity and a \$60M project development facility, to expand its decentralized power network of residential solar and battery storage systems. The company is building a "crypto-powered network" that uses blockchain technology to provide financial incentives for clean energy adoption. The \$60M project development facility was led by Turtle Hill Capital.⁴⁸

International

- *Oct 29th*: British International Investment (BII) has committed a \$75M financing facility to Blueleaf Energy to develop nearly 2 GW of renewable energy and storage capacity in India. The investment will support utility-scale wind, solar, and energy storage projects nationwide.⁴⁹
- *Oct 29th*: The European Bank for Reconstruction and Development (EBRD) is providing a \$142M (€ 121 M) financing package for Central Asia's largest combined solar and battery energy storage project in Uzbekistan. The funds will be allocated to two special-purpose vehicles owned by ACWA Power and Japanese companies, including Sumitomo Corporation, Shikoku Electric Power Company, and Chubu Electric Power Company, to support the development.⁵⁰
- *Oct 29th*: The European Bank for Reconstruction and Development (EBRD) is considering a € 50M loan to support the Scornicești BESS in Romania (127 MW / 254 MWh), a project estimated to cost € 68M. Polish renewables company R.Power and France-based Eiffel Investment Group jointly owns the facility.⁵¹
- *Oct 28th*: Citicore Solar Energy Corp., a subsidiary of Citicore Renewable Energy Corp. (CREC), secured a \$55M development and construction loan from Pentagreen Capital. This financing will support the development of its solar and energy storage projects in the Philippines, which are expected to add up to 2 GW of generation capacity and 760 MWh of battery storage.⁵²
- *Oct 28th*: Greenvolt has signed a € 35M project finance agreement with Ringkjøbing Landbobank to fund the construction and operation of a hybrid project in Denmark. The project combines solar photovoltaic technology (97.36 MW) with a BESS of an estimated 55–60 MW capacity. Located in eastern Denmark, in Høegholm, the project is under construction and is expected to start operations in the first quarter of 2026.⁵³
- *Oct 23rd*: The Advanced Carbons Company (TACC) has secured a ₹ 12.3B credit facility from the State Bank of India to build a lithium-ion battery anode material plant in Dewas, Madhya Pradesh. The facility will initially produce 20,000 metric tons (MT) of material annually, with plans to scale up to 100,000 MT. Additionally, TACC is advancing its graphene and derivatives production to over 4,000 MT annually.⁵⁴
- *Oct 23rd*: Bridge Renewable Energy (BRE), a subsidiary of Bridge Investment Group Holdings LLC and a leading developer, owner, and operator of distributed solar and energy storage assets, has announced the closing of a portfolio financing package totaling \$85M. The financing includes an \$80M delayed draw term

⁴⁶ <https://recurrentenergy.com/recurrent-energy-closes-825-million-in-project-financing-for-arizona-energy-projects/>

⁴⁷ <https://renewablesnow.com/news/lightshift-takes-usd-75m-loan-to-support-battery-projects-in-us-1283483/>

⁴⁸ <https://www.businesswire.com/news/home/20251016460925/en/Daylight-Raises-%2475M-Led-by-Framework-Ventures-to-Scale-its-Decentralized-Energy-Network>

⁴⁹ <https://www.bii.co.uk/en/news-insight/news/bii-and-blueleaf-energy-to-accelerate-asias-energy-transition-with-75-million-investment-in-india/amp/>

⁵⁰ <https://www.ebrd.com/home/news-and-events/news/2025/ebrd-co-finances-major-renewable-energy-project-in-central-asia.html>

⁵¹ <https://www.ebrd.com/home/work-with-us/projects/psd/56557.html>

⁵² <https://business.inquirer.net/554310/crec-gets-55-m-loan-to-back-expansion>

⁵³ <https://www.energy-pedia.com/news/denmark/greenvoltgreenvolt-greenvolt---investors---business---sustainability---media-people---en-search--greenvolt-secures-%E2%82%AC35-million-financing-for-201707>

⁵⁴ <https://www.constructionworld.in/policy-updates-and-economic-news/tacc-secures-rs-12.3-bn-sbi-funding-for-battery-anode-plant/80308>

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loan facility and a \$5M revolving credit facility, arranged in partnership with Investec Bank, PLC as sole lead arranger, with additional commitments from Amalgamated Bank and Farmer Mac. The package will support the development, construction, and operations of a 40 MW portfolio encompassing 42 community solar, commercial, and industrial solar, and energy storage projects across nine U.S. states, including Arizona, California, Georgia, Illinois, Maryland, Maine, Minnesota, Nebraska, and Texas.⁵⁵

- **Oct 17th:** SUNOTEC, a leading European provider of integrated solutions for large-scale solar projects, has secured financing for seven renewable energy initiatives in Bulgaria as of September 2025. These projects are either wholly owned by SUNOTEC or held jointly through Solaris Holding AD, a 50/50 venture with the principal shareholders of Eurohold Bulgaria AD, a prominent energy and finance conglomerate in the Balkans. The portfolio features one hybrid solar PV and BESS project, alongside six standalone BESS installations, representing a key expansion of SUNOTEC's investments in its domestic market. Collectively, the developments deliver 115 MW_p of solar capacity and 763 MWh of battery storage.⁵⁶
- **Oct 13th:** Norway and Egypt have secured provisional financing for the Dandara Solar Power Project (1.1 GW Solar PV + BESS), a major renewable initiative led by Norwegian firm Scatec in Egypt. Scatec's subsidiary has signed a letter of intent with an international lender consortium comprising the European Bank for Reconstruction and Development (EBRD), the African Development Bank (AfDB), and the European Investment Bank (EIB). The project will be constructed and managed by Scatec over a 25-year term, supplying clean energy to Egypt Aluminum.⁵⁷
- **Oct 7th:** Hero Future Energies has secured ₹ 19.8B (\$221M) in funding from State Bank of India and Canara Bank for a 120 MW wind-solar hybrid project in Kurnool, Andhra Pradesh. The project will integrate wind, solar, and energy storage to provide consistent power under a 25-year PPA with SJVN through its subsidiary Clean Renewable Energy Hybrid Three.⁵⁸
- **Oct 7th:** German developer Suncatcher Gruppe secured a € 12M debt financing package to develop 22 MW_p of solar projects integrated with battery storage in Germany. The funding will support solar parks in Saxony-Anhalt, with the batteries optimized for self-consumption and load management. This financing is significant as it is one of the first of its kind in Germany to finance hybrid solar-storage projects, demonstrating confidence in the market for flexible infrastructure.⁵⁹
- **Oct 4th:** Greenvolt has secured a syndicated financing of € 350M, which was later upsized to € 400M, to accelerate its growth and support its 9.3 GW renewable energy project pipeline. The financing is a syndicated loan with a consortium of lenders, including support from KKR. It will be used to strengthen the company's balance sheet and fund new projects in wind, solar, and battery storage.⁶⁰

⁵⁵ <https://www.globenewswire.com/news-release/2025/10/22/3171401/0/en/Bridge-Renewable-Energy-Announces-the-Closing-of-an-80M-Term-Loan-Facility-to-Support-the-Construction-of-a-40-MW-Distributed-Energy-Solar-and-Battery-Storage-Portfolio.html>

⁵⁶ <https://www.mynewsdesk.com/de/sunotec/pressreleases/sunotec-powers-ahead-in-bulgarias-renewable-energy-sector-with-7-landmark-bess-investments-3410116>

⁵⁷ <https://africa-solarenergy.com/norway-and-egypt-advance-financing-for-scatecs-dandara-solar-power-project/>

⁵⁸ <https://www.thehindubusinessline.com/companies/hero-future-energies-secures-funding-for-120-mw-re-hybrid-project/article70131589.ece>

⁵⁹ <https://inspiratia.com/article/suncatcher-secures-12m-bridge-for-colocated-pv-and-bess-portfolio-in-germany>

⁶⁰ <https://greenvolt.com/financing-350m-to-accelerate-growth/>

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Fractal provides energy storage due diligence services for assets, projects, portfolios, and platforms, supporting project finance, construction lending, acquisition, and investment, preferred equity, or tax equity transactions. Our two-part process includes a red flag report and a consolidated confirmatory diligence report to de-risk the potential investment or acquisition of early-stage, late-stage, or operating assets. Our team of SMEs can quickly identify commercial gaps and assess risk across revenues, costs, technical design, and all agreements.

Contact us today for more information about financial, technical, and commercial due diligence services.



MOU and Partnerships

International

- **Oct 28th:** Distributed renewable energy provider OMC Power and Honda Motor announced a strategic partnership to co-develop stationary energy storage systems using repurposed EV batteries from Honda's two- and three-wheeler lineup in India. Set to launch by Jan 2026, the collaboration will extend EV battery lifecycles for use in mini-grid, rooftop solar, and telecom applications across India. Backed by Mitsui and Chubu Electric, OMC operates over 500 mini-grids and is expanding into hybrid storage deployments and healthcare solarization projects, which are expected to displace 125,000 tons of CO₂ annually.⁶¹
- **Oct 28th:** Equator Renewables Asia (ERA), a new venture by Frank Phuan, is partnering with China National Nuclear Corporation subsidiary CRE International (CREI) to build a large-scale clean energy project in Indonesia's Riau Islands, to export power to Singapore. The project will include a 900 MW_p solar and battery storage system with 1.2 GWh of battery capacity, aiming for completion by 2029. This multi-billion-dollar initiative is designed to accelerate the clean energy transition in Southeast Asia and will likely serve as a model for future regional power projects.⁶²
- **Oct 21st:** Eos Energy Enterprises, Inc. and Talen Energy Corporation announced a strategic collaboration to develop energy-storage capacity across Pennsylvania aimed at supporting growing demand from AI and cloud-computing infrastructure. The agreement will leverage Eos's U.S.-manufactured Z3 zinc-based battery storage systems and Talen's existing generation assets (including operating and retired plants) to create multiple GWh of storage capacity. The partnership emphasizes increased grid reliability, optimized use of existing assets, domestic manufacturing (over 90% U.S.-sourced components), and alignment with regional clean-energy transition objectives.⁶³
- **Oct 13th:** Chint Solar and Voltis have formed a JV called Voltison to develop approximately 5GW of renewable energy and battery storage projects in the UK. The partnership combines Chint Solar's manufacturing and project finance experience with Voltis's development expertise in the UK renewable energy sector. Planning for the projects is underway, to deliver reliable energy to the UK market.⁶⁴
- **Oct 10th:** Singapore-based battery manufacturer Durapower Group signed an MoU with Turkish industrial firm Kivanç Enerji to evaluate a JV for battery cell and pack manufacturing in Turkey, with long-term plans for a U.S.-based facility. The partnership, announced in Detroit, will focus on producing LMFP, NMC, and NMC-XNO chemistries to serve U.S. energy storage and commercial mobility markets. Kivanç, an active

⁶¹<https://www.pv-magazine.com/2025/10/28/omc-power-honda-partner-on-repurposed-ev-battery-storage-in-india/>

⁶² <https://solarquarter.com/tag/equator-renewables-asia/>

⁶³<https://www.globenewswire.com/news-release/2025/10/21/3170177/0/en/Eos-Energy-and-Talen-Energy-Announce-Strategic-Collaboration-to-Advance-Power-Capacity-for-AI-Infrastructure-in-Pennsylvania.html>

⁶⁴ <https://www.chintsolar.com/news/chint-solar-and-voltis-new-joint-venture-voltison/>

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solar developer in the Balkans, aims to integrate Durapower's battery systems into its solar projects and pursue direct utility PPA bids. The move supports U.S. supply chain diversification as EV battery demand is expected to more than double by 2030, rising from 116 GWh to 280 GWh annually, according to the IEA.⁶⁵

- **Oct 10th:** Singapore's Durapower Group and Turkey's Kivanç Enerji have signed a Memorandum of Understanding (MoU) to explore a JV for manufacturing lithium-ion battery cells and packs in Turkey. The partnership aims to supply the U.S. market, which is expected to see electric vehicle (EV) battery demand more than double between 2024 and 2030.⁶⁶
- **Oct 8th:** Honeywell International Inc. and LS ELECTRIC announced a global partnership to jointly develop and market integrated hardware and software solutions for data centers and commercial/industrial battery-storage systems. The collaboration will combine LS ELECTRIC's power system expertise and Honeywell's building automation/control platform (Honeywell Forge) to deliver intelligent power management, integrated switchgear, microgrids, and AI-driven predictive maintenance capabilities.⁶⁷
- **Oct 1st:** Developer X-ELIO powered on its "Liberty Energy" project in Dayton, Texas. The project comprises 72 MW of solar PV paired with 60 MW of battery storage. It is under a 12-year PPA to supply 100 % of the expected power purchased for BASF Corporation's Freeport facility.⁶⁸
- **Oct 1st:** Merchant-banking platform Expedition Infrastructure Partners (XIP) and restructuring specialist Gordian Group announced a strategic alliance to provide restructuring and capital-solutions advisory services to equity sponsors and developers in the renewable-power sector. The partnership merges XIP's over USD 20B in renewable transaction experience with Gordian's 35 years and ~310 completed engagements.⁶⁹

Recent Project and Development Announcements

United States

- **Oct 28th:** Fullmark Energy cancelled a planned 650 MWh project in Staten Island, NY.⁷⁰
- **Oct 27th:** Radial Power started commercial operations at Foster Clean Power in Humboldt County, CA to deliver 9.4 MW Solar PV with 2.5 MW / 10 MWh BESS.
- **Oct 22nd:** Standard Solar completes 2.2 MW Solar + Storage Community Solar Project in Westport, MA. The project will deliver solar PV energy and storage capacity under the MA SMART program.⁷¹
- **Oct 20th:** Georgia Power breaks ground on a new 200 MW / 800 MWh BESS project in Twiggs County, southeast of Macon, GA. The project was selected as part of Georgia Power's 2023 IRP and approved by the Georgia PSC on September 4, 2025. The project is being constructed by Crowder Industrial Construction, LLC, and is projected for completion in 2027.⁷²
- **Oct 17th:** Rondo Energy has launched the world's largest industrial heat battery, a 100 MWh system in California that uses solar power to provide continuous high-pressure heat and steam. An on-site solar array powers the facility at a Holmes Western Oil Corporation plant.⁷³

⁶⁵<https://www.prnewswire.com/news-releases/durapower-group-and-kvanc-enerji-forge-partnership-to-explore-strategic-battery-manufacturing-and-renewable-energy-collaboration-in-the-united-states-302580574.html>

⁶⁶ <https://www.iaasiaonline.com/durapower-kivanc-enerji-eye-us-battery-supply-chain-with-turkey-based-manufacturing-venture/>

⁶⁷<https://www.prnewswire.com/news-releases/honeywell-and-ls-electric-announce-global-partnership-to-accelerate-innovation-for-data-centers-and-battery-energy-storage-systems-302577009.html>

⁶⁸<https://www.prnewswire.com/news-releases/x-elio-powers-on-texas-solar-and-storage-plant-that-will-supply-basf-freeport-operations-302566358.html>

⁶⁹<https://www.prnewswire.com/news-releases/expedition-infrastructure-partners-and-the-gordian-group-form-strategic-alliance-to-support-renewable-power-sector-302567725.html>

⁷⁰ <https://heatmap.news/sparks/swiftsure-fullmark-canceled>

⁷¹ <https://www.businesswire.com/news/home/20251022688295/en/Standard-Solar-Completes-2.4-MW-Solar-Storage-Community-Solar-Project-in-Westport-Massachusetts>

⁷² <https://www.prnewswire.com/news-releases/georgia-power-begins-construction-of-newest-battery-storage-system-near-macon-302589070.html>

⁷³ <https://www.rondo.com/news-press/rondo-powers-up-worlds-largest-industrial-heat-battery>

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- *Oct 16th*: Ameresco reached commercial operations for 50 MW / 200 MWh behind-the-meter BESS. The BESS will support Nucor's steel production facility in Kingman, AZ.⁷⁴
- *Oct 16th*: Recurrent Energy has started commercial operations for its 200 MWh Fort Duncan Storage facility in Maverick County, Texas. The project, which began in June, is a standalone battery storage system designed to support the Texas grid during peak summer demand, bringing the company's global operating battery capacity to 6 GWh.⁷⁵
- *Oct 16th*: Alliant Energy's first 100 MW BESS, located in Grant County, Wisconsin, reached commercial operation on October 16, 2025. The project is situated next to the company's 200 MW Grant County Solar Project.⁷⁶
- *Oct 14th*: Summit Township's Planning Commission in Michigan unanimously approved Aypa Power's proposed 270 MW BESS project.⁷⁷
- *Oct 3rd*: Nightpeak Energy reached commercial operations for the Bocanova Power BESS project in Brazoria County, TX. The project will deliver 150 MW 2-hour energy storage capacity to support Houston region's peak load.⁷⁸
- *Oct 1st*: EDF Power Solutions reached commercial operations at Milagro Solar + Storage project in Dona Ana County, NM. The project will deliver 150 MW of Solar PV Capacity, coupled with 75 MW of 4-hour BESS, under a 20-year PPA with El Paso Electric Company.⁷⁹

International

- *Oct 30th*: RWE AG is building Germany's largest BESS in Gundremmingen, Bavaria, a 400 MW / 700 MWh facility costing approximately € 230M (\$268.2M). The project, situated on a former nuclear power plant site, will utilize the existing grid connection and is scheduled for commissioning in 2028.⁸⁰
- *Oct 28th*: Pugal Solar Park broke ground on developing India's largest solar PV and BESS project in Bikaner, Rajasthan, India. Upon completion, the project will deliver 2,450 MW of PV and 5,000 MWh of BESS capacity.⁸¹
- *Oct 28th*: Finnish renewables firm Korkia and Evolution Power have secured approval to construct its Stonestreet Green Solar project (150 MW_p Solar PV + BESS) in Kent, England. Classified as a Nationally Significant Infrastructure Project (NSIP), it covers 192 hectares (474 acres). Beyond Stonestreet Green Solar, the partners are advancing three additional NSIP initiatives, adding over 2.5 GW of solar capacity with storage. This summer, they gained approval for the 49.9 MW_p Wandon End solar-BESS in North Hertfordshire.⁸²
- *Oct 27th*: Daiwa Energy & Infrastructure (DEI), a unit of Japanese financial services firm Daiwa Securities Group Inc (TYO:8601), has broken ground on a 38 MW / 160 MWh grid-scale battery storage facility in Chitose city, Hokkaido, with commercial operation slated for 2027. On October 29, 2025,⁸³
- *Oct 27th*: Croatia's first grid-connected BESS is a 60 MW / 120 MWh facility in Šibenik, currently under development. While smaller BESS projects may already exist, this is the first grid-scale system and the first

⁷⁴ <https://www.businesswire.com/news/home/20251016387959/en/Ameresco-Announces-50MW-Battery-Energy-Storage-Asset-to-Enhance-Resiliency-and-Energy-Security>

⁷⁵ <https://recurrentenergy.com/video/fort-duncan-storage/>

⁷⁶ <https://www.alliantenergy.com/news/news-center/2025/10/101525-bess-grantcountywi>

⁷⁷ https://www.summittwp.com/news_detail_T2_R43.php

⁷⁸ <https://www.prnewswire.com/news-releases/nightpeak-energy-announces-commercial-operation-of-150-mw-battery-storage-facility-near-houston-302574701.html>

⁷⁹ <https://www.businesswire.com/news/home/20250930355184/en/EDF-power-solutions-North-America-and-El-Paso-Electric-Announce-Commercial-Operation-of-the-Milagro-Energy-Center>

⁸⁰ <https://www.rwe.com/en/press/rwe-generation/2025-10-29-rwe-is-constructing-germanys-largest-battery-storage-facility-in-gundremmingen/>

⁸¹ <https://timesofindia.indiatimes.com/city/jaipur/raj-develops-countrys-first-solar-park-with-battery-storage-system-in-bikaner/articleshow/124858022.cms>

⁸² <https://korkia.fi/korkia-to-fund-a-major-165mw-solar-energy-project-by-its-partner-evolution-power-in-the-uk/>

⁸³ <https://japanenergyhub.com/news/daiwa-energy-infrastructure-chitose-bess/>

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to be connected to the transmission grid. The project is being developed by IE-Energy, a Croatian firm, in partnership with NGEN, a Slovenian-based company.⁸⁴

- **Oct 24th:** Tamil Nadu Electricity Regulatory Commission announced plan deploy 1,500 MWh of energy storage capacity across seven substations in Tamil Nadu, India. The project will be structured via 15-year BESS capacity agreements.⁸⁵
- **Oct 23rd:** Engie commissioned the first 400 MWh of the 800 MWh BESS project in Vilvoorde, Belgium. Upon completion, the project will deliver 200 MW / 800 MWh energy storage capacity for grid stability and energy operations.⁸⁶
- **Oct 23rd:** Electrica, the Romanian distribution and transmission company, announced development plan to integrate 15 BESS project with a total capacity of 1 GWh to interconnect with the Romanian transmission system.⁸⁷
- **Oct 23rd:** Romanian power company Electrica SA has begun the permitting process for 15 BESS projects with a total capacity of approximately 1 GWh. The initiative is part of Electrica's 2030 strategy to integrate⁸⁸
- **Oct 21st:** Downing Renewable Developments has received planning permission for its 49.9 MW Fair Park solar and storage project in Cornwall after a successful appeal.
- **Oct 21st:** Eku Energy is developing two 300 MW / 1,200 MWh BESS projects in Central Queensland, Australia: The Monduran BESS and the Byellee BESS. In October 2025, the company submitted plans for both projects to Australia's federal environmental regulator for approval.⁸⁹
- **Oct 21st:** Renalfa IPP completed repowering at Kaolinovo project in Bulgaria. The project, originally a 10 MW project, will now deliver 60 MW solar PV with 33 MW / 110 MWh BESS.⁹⁰
- **Oct 21st:** Renewables supplier LichtBlick has started construction on its first large-scale battery storage facility in Röhrsdorf, near Chemnitz, Germany, with a significant € 100M investment. This facility will have a capacity of 100 MW with a storage duration of up to 470 MWh and is one of the largest of its kind in the MITNETZ Strom distribution network area. The project is expected to be operational in 2027 and will help stabilize Germany's energy supply by storing surplus renewable energy.⁹¹
- **Oct 21st:** The grid connection has been approved for the 3.5 GW MTerra Solar-plus-storage project in the Philippines, which includes Chinese participation in its construction. Developed by Terra Solar Philippines (a subsidiary of SP New Energy Corporation), the project will use dedicated transmission lines to connect to the Luzon grid after the Energy Regulatory Commission (ERC) approved the project and its associated infrastructure. Chinese companies Energy China and PowerChina are involved in the project's engineering and construction.⁹²
- **Oct 20th:** The New Zealand Environmental Protection Authority (EPA) has issued resource consents for the Glorit Solar Farm, a 179 MW solar park with a 100 MW / 200 MWh co-located BESS, in North Auckland. The project is a JV between Contact Energy and Lightsource bp, operating under the name Glorit Solar P LP. Transpower New Zealand is also a co-developer.⁹³

⁸⁴ <https://www.support4partnership.org/en/news/croatia-first-grid-scale-battery-storage-and-virtual-power-plant>

⁸⁵ <https://www.downtoearth.org.in/energy/tamil-nadu-advances-1500-mwh-storage-wind-repowering-initiatives-to-build-a-resilient-renewable-grid>

⁸⁶ <https://www.prnewswire.com/nl/persberichten/sungrow-and-engie-complete-first-400-mwh-of-europes-largest-battery-storage-project-302592704.html>

⁸⁷ https://world.einnews.com/article/860607324?lcf=LoQlc8FHDqp-vDIGMnaUQBTLh1TqL4Ri4sdUVjKdUU%3D&pg=16&search%5B%5D=news&search%5B%5D=press&order=relevance&age_h=2160&headlines_only=mostly&search_market=yes

⁸⁸ <https://www.downing-renewables.co.uk/news/downing-renewable-developments-wins-cornwall-solar-farm-planning-permission>

⁸⁹ <https://www.ekuenergy.com/projects/monduran>

⁹⁰ <https://www.ess-news.com/2025/10/21/renalfa-repowers-kaolinovo-pv-park-adds-110-mwh-battery-storage-system/>

⁹¹ <https://www.blackridgeresearch.com/news-releases/lichtblick-begins-construction-100-million-euro-battery-storage-facility-r-hrsdorf-germany?srlid=AfmBOor5f-KptWV1ihuDH0b1FACN-Ti3nhGnGzdB4ZGJtrv9bqX6bRwn>

⁹² <https://megaproject.com/news/powerplant/philippines-approves-grid-connection-for-3-5-gw-mterra-solar-plus-storage-project>

⁹³ <https://www.epa.govt.nz/news-and-alerts/latest-news/auckland-solar-farm-granted-consent/>

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- **Oct 20th:** The Environmental Protection Authority (EPA) of New Zealand has approved resource consents for the Glorit Solar Farm, a 179 MW solar park with a co-located 100 MW / 200 MWh BESS, in the North Auckland region. Glorit Solar P LP and Transpower New Zealand are developing the project.⁹⁴
- **Oct 20th:** Powerlink is seeking environmental approval to build an underground link for AGL's proposed 500 MW / 2,000 MWh battery storage system near the Western Downs Substation in Queensland. This project aims to connect the battery to the transmission network with minimal surface impact, providing grid stability, firming up renewable energy sources, and supporting peak demand. The underground infrastructure will be approximately 1.8 kilometers long. Powerlink filed the original application under Australia's Environment Protection and Biodiversity Conservation (EPBC) Act. Local council approval was already granted in March 2025.⁹⁵
- **Oct 17th:** Ark Energy has received planning approval from the New South Wales (NSW) government for its Richmond Valley solar and BESS project in Australia. The hybrid facility will have a 435 MW solar PV capacity and a 475 MW / 3,148 MWh BESS. Ark Energy is the renewable energy arm of Korean Zinc, and Elecnor will handle early construction work for the project.⁹⁶
- **Oct 17th:** Ark Energy has received planning approval from the New South Wales (NSW) government for its Richmond Valley solar and BESS project, planned for northern NSW. In development since 2019, the hybrid project consists of a solar farm and a long-duration lithium-iron phosphate BESS.⁹⁷
- **Oct 16th:** Naturgy has started construction on its first battery energy storage projects in Spain, which will hybridize the company's Tabernas I and II solar parks in Almería, and the Piletas I wind farm and El Escobar solar plant in Las Palmas. These projects are part of a broader plan to build ten storage facilities by 2026, with a total investment exceeding € 80M.⁹⁸
- **Oct 14th:** Levanta Renewables — Southeast Asia's leading renewable energy platform backed by Actis, a global investor in sustainable infrastructure across growth markets — has secured the development of a solar and storage project in the Visayas under the Philippines' Fourth Green Energy Auction (GEA-4). Spanning approximately 155 hectares, the project will feature a 166 MW_p ground-mounted solar farm integrated with a BESS. With a planned capacity of 175 MW_{ac} and an estimated average capacity factor of 43%, it represents a significant capital investment aimed at accelerating the Philippines' clean energy transition. The total investment outlay is estimated at approximately PHP 5B.⁹⁹
- **Oct 13th:** EDP Renewables (EDPR) is fast-tracking its Punchs Creek Renewable Energy Project in Queensland, Australia, with commissioning scheduled for early 2029. The project, located near Toowoomba, will feature a 480 MW_p solar photovoltaic (PV) facility and a 400 MW / 1,600 MWh BESS. The Australian federal government recently awarded the project a generation revenue scheme.¹⁰⁰
- **Oct 13th:** Grenergy has broken ground on its Monte Águila plant in Chile's Biobío region, a project that will feature 340 MW of solar capacity and 960 MWh of battery storage. This development is part of the company's larger Central Oasis platform, which includes five projects in central Chile that will provide a total of 1.1 GW of solar power and 3.8 GWh of energy storage, with an expected online date in early 2027.¹⁰¹
- **Oct 12th:** NatPower UK is investing over £ 10B in battery energy storage and grid projects, with plans for 13 battery assets totaling 12.5GW. Ten of these projects are being assessed by the regulator Ofgem as part of its Long Duration Energy Storage Cap & Floor Window 1 process, including the planned 1GW Teesside

⁹⁴ <https://www.epa.govt.nz/news-and-alerts/latest-news/auckland-solar-farm-granted-consent/>

⁹⁵ <https://epbcpbpublicportal.environment.gov.au/all-referrals/project-referral-summary/?id=b44878c5-12a0-f011-bbd2-7ced8d343137>

⁹⁶ <https://www.koreaherald.com/article/10598970>

⁹⁷ <https://arkenergy.com.au/news/2025/10/16/418-project-secures-state-approval/>

⁹⁸ <https://www.naturgy.com/en/press-release/naturgy-begins-construction-of-its-first-battery-storage-projects-in-spain/>

⁹⁹ <https://www.levantarenewables.com/news/levanta-renewables-secures-166-mwp-solar-power-project-in-the-philippines/>

¹⁰⁰ <https://www.edp.com/en/media/news/edp-fast-tracks-17gw-solar-and-storage-australia-following-capacity-investment-scheme>

¹⁰¹ <https://grenergy.eu/grenergy-lays-the-first-stone-for-monte-aguila-hybrid-plant-in-chile/>

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GigaPark, which aims to be the UK's largest battery facility.¹⁰²

- **Oct 10th:** ACenergy's proposed 250 MW / 1,100 MWh Yanco BESS. This project is designed to enhance grid stability, particularly to manage the fluctuations caused by solar power during the day and the increased demand after sunset. The approval, granted by the NSW Independent Planning Commission, comes with specific conditions related to visual and noise impacts, road maintenance, fire risk, and site rehabilitation, reflecting a maturing regulatory process for large-scale battery projects. ACenergy expects construction to begin in early 2026, with the project anticipated to be commercially operational by late 2027.¹⁰³
- **Oct 10th:** Avaada Group will invest ₹36,000 crore in Gujarat to develop 5 GW of solar, 1 GW of wind, and 5 GWh of battery energy storage projects, according to an MoU signed at the Vibrant Gujarat Global Summit 2025. This agreement reinforces Gujarat's commitment to clean energy and is expected to create thousands of jobs. The projects will be in Kutchh, Banaskantha, and Surendranagar districts, with commissioning planned between 2027 and 2030.¹⁰⁴
- **Oct 9th:** Kyoto Group inaugurated a new 56 MWh Heatcube system to deliver clean low-cost industrial heat for the KALL corn processing facility in Tiszapüspöki, Hungary. Kyoto Group, as the technology provider, will provide the project as a 15-year Heat-as-a-Service agreement through a Hungarian SPV.¹⁰⁵
- **Oct 8th:** Qair UK, operating as Green Switch Capital, has received ministerial approval for its 342MW Red Moss BESS in South Lanarkshire, marking the company's first Section 36 consent.¹⁰⁶
- **Oct 8th:** Potentia Energy, a JV between Italy's Enel Green Power and Japan's INPEX Corp, has received planning approval for its 500 MW Tallawang solar-plus-storage project in New South Wales, Australia. The project, located near Gulgong, will be a 500 MW solar PV plant combined with a 500 MW / 1,000 MWh BESS. Construction is expected to take three years.¹⁰⁷
- **Oct 8th:** Frontier Energy Limited plans to significantly expand its Waroona solar-plus-storage project to create a significant renewable energy precinct, with a target of up to 1 GW of solar and 660 MW of battery storage by 2031. The initial stage is already under construction, consisting of a 120 MW solar farm and an 80 MW battery storage system. Stage One is expected to be operational by October 2027.¹⁰⁸
- **Oct 8th:** Turkish company GridFlex will invest € 17M to build a 125 MWh standalone BESS near Leskovac, Serbia. The project is scheduled for completion in 2027.¹⁰⁹
- **Oct 7th:** Cyprus's Department of Environment has approved for the construction and operation of a 59 MW / 120 MWh hybrid energy storage project in Psevdas village, Larnaca district. Owned by H.E.S.S. Hybrid Energy Storage Systems Ltd., this initiative marks one of the island's pioneering large-scale standalone BESS.¹¹⁰
- **Oct 7th:** JAPEX has begun construction on its first extra-high-voltage grid-scale battery facility, the "Tomakomai BESS," located at its Hokkaido District Office in Tomakomai City, Hokkaido. This initiative aims to stabilize the power grid amid the rising adoption of variable renewables, such as solar and wind. As the company's second storage project, following the Mihama BESS in Chiba, which commenced operations in August 2025, the Tomakomai BESS is slated for commercial launch around autumn 2027. Post-operation,

¹⁰² <https://renews.biz/103620/natpower-plots-125gw-uk-battery-drive/>

¹⁰³ <https://storageaustralia.solarenergyevents.com/nsw-independent-planning-commission-approves-acenergys-1100mwh-battery-storage-system-in-australia/>

¹⁰⁴ <https://www.nacleanenergy.com/alternative-energies/avaada-group-inks-36-000-cr-mou-with-gujarat-govt-plans-to-setup-5-gw-solar-1-gw-wind-5-gwh-bess-projects>

¹⁰⁵ <https://www.prnewswire.com/news-releases/worlds-largest-thermal-energy-storage-unit-inaugurated-by-kyoto-group-at-kall-ingredients-in-hungary-302579464.html>

¹⁰⁶ <https://uk.qair.energy/qair-secures-approval-for-342mw-red-moss-battery-storage-project-in-south-lanarkshire/>

¹⁰⁷ <https://potentiaenergy.com.au/project/tallawang-solar-hybrid/>

¹⁰⁸ <https://wcsecure.weblink.com.au/pdf/FHE/03004239.pdf>

¹⁰⁹ <https://info.aea-al.org/gridflex-to-install-standalone-bess-in-serbia/>

¹¹⁰ <https://info.aea-al.org/green-light-for-one-of-first-standalone-battery-investments-in-cyprus/>

JAPEX will manage the system, leverage its power business expertise, and trade stored electricity on various markets to support a stable energy supply.¹¹¹

- *Oct 7th*: Boralex Inc. and Six Nations of the Grand River Development Corporation received the Innovative Clean Power Project of the Year award from the Canadian Renewable Energy Association. The project, upon completion, will deliver 300 MW / 1,200 MWh of BESS capacity in Haldimand County, Ontario, Canada.¹¹²
- *Oct 6th*: European Energy is installing a BESS at its 78.5 MW Anykščiai solar park in Lithuania, converting it to a hybrid power facility. This project is part of a broader strategy in the Baltic region to integrate flexible, fast-responding energy storage that complements growing wind and solar power generation, supports grid stability, and ensures supply security. The BESS will store solar energy during low-demand hours and discharge it during peak demand, improving efficiency and reducing energy price spikes.¹¹³
- *Oct 6th*: ACE Power has secured federal environmental approval for its Forbes project (141 MW_p Solar PV + 120 MW / 960 MWh BESS) in central New South Wales, Australia. The project, co-developed with Osaka Gas Energy Australia, received fast-tracked approval in October 2025 and is targeting commercial operation in 2026.¹¹⁴
- *Oct 2nd*: Solaria Energia y Medio Ambiente SA has received environmental approval to install a 780 MWh battery storage system at its 710 MW Garona solar photovoltaic complex in Spain, which will allow for more efficient energy management and grid stability. The new battery system will be commissioned simultaneously with the solar plant, located in the province of Burgos, and is expected to begin operations by the end of 2025.¹¹⁵
- *Oct 2nd*: J-POWER announced the groundbreaking of its first grid-scale battery storage project, the 10 MW / 43MWh Hibikinada Power Storage Station in Kitakyushu City, Fukuoka Prefecture. Located on the premises of the company's Wakamatsu Operations and General Management Office, the facility is slated for commissioning in FY2028, with visualizations indicating the use of 11 Tesla Megapack units.¹¹⁶
- *Oct 2nd*: Quinbrook Infrastructure Partners has connected the initial 260 MW stage of its Supernode battery to Queensland's transmission network, near Brisbane. The first stage is complete, and commissioning activities have begun, with the project's multi-stage plan eventually set to include up to 780 MW of capacity.¹¹⁷
- *Oct 1st*: The Kingston Council approved planning consent for the 98MW "Rye" BESS near Leatherhead, Surrey, developed by Eku Energy. The approval is for the cable route and associated infrastructure that falls within the Kingston council boundary. Eku Energy acquired the project as part of a larger 1 GW / 2 GWh portfolio from Bluestone Energy.¹¹⁸
- *Oct 1st*: Ampeak Energy received planning permission from Newport City Council for a 250 MW / 1,250 MWh BESS, named Afon Wysg 2 (AW2), at the Uskmouth Sustainable Energy Park. This project is a JV between Ampeak Energy and Econergy International. The approval includes a plan to remove 140,000 tonnes of historic ash from the site, which will be repurposed for use in sustainable building products.¹¹⁹

¹¹¹ https://www.japex.co.jp/en/news/detail/20251006_01/

¹¹² <https://www.globenewswire.com/news-release/2025/10/07/3162824/0/en/Hagersville-Battery-Energy-Storage-Park-honoured-by-CanREA-for-the-Innovative-Canadian-Clean-Power-Project-of-the-Year-award.html>

¹¹³ <https://europeanenergy.com/2025/06/03/european-energy-secures-eur-145-million-long-term-loan-for-lithuanian-renewable-energy-and-battery-portfolio/>

¹¹⁴ <https://theelectricityhub.com/ace-power-secures-permit-for-solar-battery-project/>

¹¹⁵ <https://inspiratia.com/article/solaria-secures-environment-consent-for-780mwh-bess-in-spain>

¹¹⁶ <https://japanenergyhub.com/news/j-power-hibikinada-bess-groundbreaking/>

¹¹⁷ <https://www.quinbrook.com/portfolio/supernode/>

¹¹⁸ <https://www.solarpowerportal.co.uk/battery-storage/eku-energy-98mw-rye-bess-kingston-approved>

¹¹⁹ <https://uk.marketscreener.com/news/ampeak-energy-limited-achieves-planning-permit-for-aw2-battery-project-ce7d5bdcd89f727>

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Vendor / OEM News

- **Oct 27th:** Envision Energy officially launched its Gen 8 Scalable Platform at its Tech Day in Beijing, unveiling a full portfolio of modular BESS configurations ranging from 6 to 12+ MWh per unit. Building on its Gen 7 5 MWh system, the Gen 8 platform integrates 750+ Ah cells into a compact 10-foot form factor with improved logistics, a 26% smaller footprint, and a 12% lower auxiliary load. Key features include parallel 2.5 MW PCS modules, advanced thermal/anomaly detection, and integration with EnOS for predictive maintenance and revenue optimization. Envision claims the system can deliver a 1% IRR uplift on a typical 100 MW / 4-hr project.¹²⁰
- **Oct 26th:** JSW Energy announced that its 5 GWh battery assembly plant in Pune, Maharashtra, is on track to be operational in Q3 FY26. The facility will support BESS and position the company to meet domestic content requirements as they emerge. JSW also reported near-complete trial runs for its 3,800 TPA green hydrogen plant in Vijayanagar. The company currently has 29.4 GWh of storage capacity locked in and is targeting 30 GW of generation and 40 GWh of storage by 2030.¹²¹
- **Oct 24th:** Salt River Project (SRP) and ESS announced, “Project New Horizon,” a 5 MW / 50 MWh iron flow battery pilot project to be deployed at SRP’s Copper Crossing site in Florence, Arizona. The 10-hour duration system will support SRP’s goal to evaluate non-lithium long-duration storage technologies. ESS’s Energy Base platform utilizes iron, salt, and water, offering a 25-year lifespan, 90%+ domestic content, and no thermal runaway risk. The project is set for delivery by December 2027 and will be monitored in partnership with EPRI. SRP currently has 1,300 MW of storage on its system.¹²²
- **Oct 21st:** Foxconn launched its Fox EnerStor energy storage brand, debuting a full range of residential, C&I, and utility-scale BESS products as part of its “3+3+3” strategic roadmap. The utility-scale 9.37 MWh “Energy Beast” container boasts an 87% higher capacity via CTR+ stacking, while its modular 4.32 MWh string system targets large commercial and industrial (C&I) users with PCS-level isolation and fire protection. The C&I 261 kW / 522 kWh unit achieves 91% efficiency within a 1.38 m² footprint. Foxconn plans to reduce system costs by 15% and scale production globally via its China and India facilities.¹²³
- **Oct 21st:** Eos Energy announced plans to build a second zinc battery manufacturing plant in Marshall Township, Pennsylvania, expanding its total capacity to 8 GWh. Supported by a \$24M state and county incentive package, the 432,000 ft² facility will create 1,000 jobs and enable high-efficiency production under “Project AMAZE.” Eos will also establish a software hub at Pittsburgh’s Nova Place and deepen its partnership with Carnegie Mellon University to support research and development, as well as workforce development, for its proprietary DawnOS BMS and analytics platform.¹²⁴
- **Oct 17th:** German contractor ABO Energy has expanded its services by launching engineering, procurement, and construction (EPC) for solar and solar-plus-storage projects, adding a new delivery capability alongside its existing development work. This move allows the company to handle the complete execution of photovoltaic and hybrid installations, targeting energy suppliers and industrial investors with projects of 10 MW or larger. The expansion focuses on integrating BESS into solar projects.¹²⁵
- **Oct 16th:** Waaree Renewable Technologies announced plans to diversify beyond solar EPC by expanding into BESS and data centers, while continuing to grow its Independent Power Producer (IPP) portfolio. The company is developing 28 MW_p across two sites in Maharashtra and a 37.5 MW_p plant in Bikaner, Rajasthan.

¹²⁰<https://www.prnewswire.com/news-releases/envision-energy-rolls-out-gen-8-scalable-platform-higher-energy-density-greater-flexibility-elevated-returns-302595043.html>

¹²¹<https://economictimes.indiatimes.com/industry/renewables/jsw-energy-looks-to-operationalise-5-gwh-battery-assembly-unit-in-pune-in-3rd-quarter/articleshow/124822659.cms>

¹²²<https://www.businesswire.com/news/home/20251009026076/en/SRP-and-ESS-Announce-New-50-MWh-Long-Duration-Energy-Storage-Pilot-Project>

¹²³<https://www.ess-news.com/2025/10/27/foxconn-expands-into-energy-storage-business-with-launch-of-fox-enerstor-brand/>

¹²⁴<https://www.solarpowerworldonline.com/2025/10/eos-energy-to-build-second-zinc-battery-storage-manufacturing-plant-in-pittsburgh/>

¹²⁵https://www.aboenergy.com/en/media-center/press/2025/2025-10-15_epc_eng.html

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With a 3.4 GW orderbook and over 27 GWp in bidding pipeline, Waaree has already executed 1.6 GW this fiscal and reported a 117% YoY jump in net profit for Q2 FY26.¹²⁶

- **Oct 16th:** Rondo Energy announced the commercial operation of a 100 MWh Rondo Heat Battery at a Holmes Western Oil facility in California, now delivering 24/7 high-pressure steam from off-grid solar. Touted as the world's most efficient energy storage system (97% round-trip), the brick-based RHB stores heat above 1000°C and operates alongside gas-fired boilers without facility modifications. The system reduces Scope 1 emissions and energy cost volatility, opening a scalable and cost-effective pathway for industrial decarbonization. Rondo is now deploying heat batteries across four continents and five industries.¹²⁷
- **Oct 14th:** At Solar & Storage Live KSA 2025 in Riyadh, Clou Energy Storage unveiled its Aqua C3.0 Pro liquid-cooled BESS, designed for harsh desert conditions across the Middle East and Africa. The 6.88 MWh unit features 600+ Ah cells, advanced thermal management for 55°C operation, and sealed, sand-resistant construction. Clou claims a 10.63% reduction in total cost of ownership and full-power AC-side performance despite transformer derating risks. The company also showcased its broader product line and referenced deployments in extreme climates, such as the Atacama Desert and coastal China.¹²⁸
- **Oct 14th:** At Solar & Storage Live KSA, Trina Storage unveiled its next-gen Elementa 3 energy storage platform, a 6.25 MWh liquid-cooled system featuring 587 Ah cells and 24.7% higher site-level energy density. Designed for harsh Middle East climates, the cabinet features IP67-rated modules, C5 anti-corrosion coating, and a "bionic" cooling system, enabling 55°C operation. The system also offers 2-hour full-cabinet fire resistance and aims to reduce LCOS significantly. Trina has reached 12 GWh in cumulative shipments and recently delivered a 300 MWh BESS in Egypt within 60 days.¹²⁹
- **Oct 13th:** Vertiv announced significant progress in its collaboration with NVIDIA, unveiling 800 V_{DC} power platform designs to support MW-scale AI factory infrastructure. Replacing legacy 54 VDC rack power, the 800 V_{DC} system features centralized rectifiers, high-efficiency DC busways, and rack-level DC-DC converters to support next-generation NVIDIA Rubin Ultra platforms. Vertiv aims to release the platform in H2 2026 to align with a 2027 AI factory rollout and is already engaged in early-phase deployments at gigawatt scale. The initiative combines power architecture innovation with Vertiv's 4,000-strong global service team.¹³⁰
- **Oct 9th:** Stellar Solar was reapproved as an authorized contractor for the San Diego Community Power Solar Battery Savings Program, offering homeowners battery rebates of up to \$10,000 for qualifying installations. The company, a longtime energy storage installer in the region, will offer Enphase, FranklinWH, and Tesla Powerwall 3 batteries as part of the program. Stellar secured rebates for hundreds of customers during the 2024 launch and aims to help more San Diego homeowners lower their energy costs and improve backup reliability amid some of the nation's highest electricity rates.¹³¹
- **Oct 1st:** CORNEX launched its next-gen 588 Ah battery cell, targeting grid-scale energy storage with 190 Wh/kg mass and 419 Wh/L volume energy density. The new 588-CTP2.0 pack design improves safety with a 1000°C isolation layer and boosts production efficiency by 35%. CORNEX also introduced the modular "Transformers" system platform, featuring 3.13 MWh and 6.26 MWh containerized units that reduce land use by 20%, decrease the number of BESS units by 27%, and lower O&M costs by over 20% for 100 MW projects. The company aims to scale this integrated cell-to-system solution globally.¹³²

¹²⁶<https://www.financialexpress.com/business/industry-waaree-renewable-to-broaden-portfolio-beyond-solar-with-battery-storage-data-centres-4012076/>

¹²⁷<https://www.prnewswire.com/news-releases/rondo-powers-up-worlds-largest-industrial-heat-battery-302585582.html>

¹²⁸<https://www.prnewswire.com/news-releases/clou-showcases-desert-ready-energy-storage-solution-at-solar--storage-live-ksa-302582328.html>

¹²⁹<https://www.prnewswire.com/news-releases/trina-storage-unveils-next-generation-6mwh-energy-storage-system-in-saudi-arabia-driving-middle-east-energy-transition-302582857.html>

¹³⁰<https://www.prnewswire.com/news-releases/from-vision-to-readiness-vertiv-collaborates-with-nvidia-to-advance-800-vdc-platform-designs-to-power-the-next-generation-of-ai-factories-302582190.html>

¹³¹<https://www.prnewswire.com/news-releases/stellar-solar-approved-as-an-authorized-contractor-for-the-san-diego-community-power-solar-battery-savings-program-302579331.html>

¹³²<https://www.prnewswire.com/news-releases/cornex-unveils-588ah-energy-storage-battery-cell-targeting-grid-scale-solutions-302572351.html>

- **Oct 1st:** Volvo Energy, a division of Volvo Group, unveiled the PU2000 BESS at its Customer Day in Gothenburg. Designed and built in Sweden, the PU2000 integrates with Volvo's Site Controller and Cloud Energy Management System to optimize energy costs, enable advanced monitoring, and support grid resilience. The system includes liquid cooling, PFAS-free fire suppression, and robust cybersecurity and is designed for peak shaving, load shifting, grid market participation, and EV charging. The launch marks Volvo's expansion into stationary energy solutions to support the electrification and decarbonization of its operations.¹³³

Equipment Supply, EPC and O&M Service Agreement Awards

United States

- **Oct 27th:** Israel's Doral Group Renewable Energy Resources (TLV:DORL) has signed an engineering, procurement, and construction (EPC) contract for its 553 MWdc Cold Creek solar and storage project in Texas. The project will include a 340 MWh BESS. Construction is slated to begin in the first quarter of 2026 and is expected to be completed by the second quarter of 2028. The EPC contract is valued at approximately \$402M (ILS 1.5B).¹³⁴
- **Oct 21st:** Eos Energy signed a master supply agreement with MN8 Energy for up to 750 MWh of U.S.-manufactured zinc-based energy storage, possibly starting with a 200 MWh project featuring a 10-hour discharge duration. MN8 has the option to deploy Eos' Z3™ systems across solar-plus-storage projects serving large loads such as data centers and manufacturing.¹³⁵
- **Oct 15th:** Fluence Energy is partnering with Torch Clean Energy to supply a 160 MW / 640 MWh BESS in Cochise County, Arizona, for the "Winchester" project. The system will be co-located with two 80 MW solar arrays, and delivery is expected in early 2027.¹³⁶

International

- **Oct 28th:** Saft has secured a contract from Foxwell Power Co. Ltd. to supply a 356 MWh lithium-ion BESS for a project in Taichung, Taiwan. The project, which is the fifth collaboration between the two companies, will involve 108 of Saft's I-Shift battery containers and is scheduled to begin construction in late 2025.¹³⁷
- **Oct 27th:** SP New Energy Corp. (SPNEC) has signed two major engineering, procurement, and construction (EPC) contracts for the South Block of its P200-billion MTerra Solar Project in Central Luzon. The contracts, covering a 1,050 MW_p solar plant and a 1.2 GWh battery system, were executed by SPNEC's subsidiary Terra Solar Philippines Inc. with GEDI Construction Development Corp. and China Energy International Group Co. Ltd., among others.¹³⁸
- **Oct 23rd:** Pace Digitek Limited has received a ₹1,159.31 crore order from the Solar Energy Corporation of India (SECI) for a 600 MW / 1,200 MWh BESS DC package, announced on October 22, 2025. The contract includes supplying the BESS and a 10-year service and maintenance agreement. This project, described as one of India's largest single-location BESS projects, will involve Pace Digitek managing the supply, integration, testing, and commissioning of components like DC blocks, Power Conversion Systems, and energy management systems.¹³⁹

¹³³ <https://www.prnewswire.com/news-releases/volvo-group-introduces-pu2000-a-smart-safe-and-energy-cost-optimized-bess-302572238.html>

¹³⁴ <https://constructionreviewonline.com/epc-contract-signed-for-553mw-cold-creek-solar-and-storage-project-in-texas/>

¹³⁵ <https://www.globenewswire.com/news-release/2025/10/21/3170176/0/en/MN8-Energy-Signs-Supply-Agreement-with-Eos-Energy-to-Deploy-Up-to-750-MWh-of-American-Made-Long-Duration-Energy-Storage-Across-Renewable-Projects.html>

¹³⁶ <https://ir.fluenceenergy.com/news-releases/news-release-details/fluence-and-torch-clean-energy-partner-deliver-160-mw-640-mwh>

¹³⁷ <https://saft.com/en/media-resources/press-release/saft-strengthens-its-apac-presence-major-bess-project-taiwan-0>

¹³⁸ <https://powerphilippines.com/spnec-advances-mterra-solar-with-new-epc-contracts/>

¹³⁹ <https://telecom.economictimes.indiatimes.com/news/telecom-equipment/pace-digitek-secures-115931-crore-seci-deal-for-600mw-bess-project/124775552>

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- **Oct 22nd:** Ingeteam will supply its inverters for the Winton North hybrid project that European Energy Australia (EE Australia) is constructing in the northeast of Victoria, Australia. Once operational in 2027, this installation is expected to have an estimated annual production capacity of 227 GWh of clean energy, generated over an area of 256 hectares. Winton North will feature two phases: a 100 MW_{ac} solar farm in the first stage, and a 100 MW / two-hour BESS in the second phase.¹⁴⁰
- **Oct 21st:** Gelion announced a full collaboration agreement with Japanese battery giant TDK to co-develop next-generation sulfur battery technologies. The partnership will focus on integrating Gelion's sulfur-based cathode active material (CAM) into large-format pouch cells, with prototype production set to begin at TDK's Nagano facility. Backed by the Max Planck Institute, the multi-year effort aims to develop high-performance batteries for mobility, aviation, and grid storage, with plans to achieve prototype line qualification within 12 months. Gelion will generate revenue through CAM supply during the development phase.¹⁴¹
- **Oct 14th:** StarCharge signed a 500 MWh energy storage order with ENERGY INVESTMENT LLC at SNEC 2025, marking a significant entry into the Eastern European market. The deal includes 2.5 MW / 5 MWh grid-forming string ESS containers, concrete-enclosed C&I eBox-418C systems, and StarCharge's VPP platform. ENERGY INVESTMENT LLC is active in Romania and its neighboring countries, targeting large-scale storage deployments that align with EU carbon neutrality goals. The partnership supports the rollout of distributed energy and cloud-based grid management across the region.¹⁴²
- **Oct 10th:** GoldenPeaks Capital signed an MoU with Envision to deploy 1 GWh of advanced BESS across Europe, starting with two projects totalling 344 MWh. Envision will supply its high-density Gen 8 BESS to support grid flexibility and renewable energy integration. GPC, already holding 2.5 GWh of capacity market-awarded BESS in Poland, aims to scale utility storage alongside its solar portfolio. All projects have long-term revenue contracts in place, ensuring stable cash flows and reinforcing both firms' commitment to strengthening Europe's energy transition infrastructure.¹⁴³
- **Oct 3rd:** Envision Energy was awarded a contract to supply 124 of its 6.5 MW wind turbines for the 1 GW Mirny Wind Farm in Kazakhstan, the country's largest renewable energy project to date. Developed by TotalEnergies, Samruk-Energo, and KazMunayGas, the project includes a 300 MW / 600 MWh BESS and will produce 4 TWh annually—enough to power over 1 million homes and avoid 3.5 million tons of CO₂ emissions. Turbine deliveries begin in late 2026, supporting Kazakhstan's targets of 15% renewables by 2030 and carbon neutrality by 2060.¹⁴⁴
- **Oct 3rd:** Canadian Solar's subsidiary, e-STORAGE, has signed Battery Storage Agreements (BSA) and Long-Term Services Agreements (LTSA) with Aypa Power for two battery energy storage projects in Ontario: Elora and Hedley. These projects will utilize e-STORAGE's SolBank product and are expected to begin delivery in the first quarter of 2026, with commercial operation targeted for the first half of 2027. Together, the Elora and Hedley projects will deliver 420 MW / 2,122 MWh of new storage capacity to Ontario's grid.¹⁴⁵
- **Oct 1st:** Sungrow, global leading PV inverter and energy storage system (ESS) provider, announced the successful grid connection of the first 400MWh of ENGIE's 200 MW / 800 MWh battery energy storage project in Vilvoorde, Belgium. The largest of its kind on mainland Europe, the project utilizes 320 units of Sungrow's

¹⁴⁰ <https://www.ingeteam.com/Pressroom/Corporate/tabid/1574/articleType/ArticleView/articleId/3758/Ingeteam-to-supply-100-MWac-of-solar-and-100-MW-2-hour-BESS-for-a-European-Energy-Australia-hybrid-project.aspx>

¹⁴¹ <https://www.prnewswire.com/news-releases/tdk-and-gelion-establish-full-collaboration-agreement-302589416.html>

¹⁴² <https://www.prnewswire.com/news-releases/starcharge-secures-500mwh-energy-storage-order-through-strategic-partnership-with-energy-investment-llc-302583209.html>

¹⁴³ <https://www.businesswire.com/news/home/20251009461109/en/GoldenPeaks-Capital-and-Envision-Sign-MoU-to-Deliver-Next-Generation-Battery-Energy-Storage-Projects-in-Europe>

¹⁴⁴ <https://www.prnewswire.com/news-releases/envision-energy-powers-central-asias-green-future-with-landmark-1-gw-mirny-wind-project-in-kazakhstan-302574830.html>

¹⁴⁵ <https://investors.canadiansolar.com/news-releases/news-release-details/canadian-solars-e-storage-expands-partnership-aypa-power-through>
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innovative PowerTitan liquid-cooled battery storage units. The second and final phase of this 200 MW / 800 MWh battery energy storage project is set to connect to the grid by the end of 2025.¹⁴⁶

- **Oct 1st:** Canadian Solar's e-STORAGE division signed agreements with Aypa Power for 2.1 GWh of battery storage across the Elora and Hedley projects in Ontario, representing 420 MW of new capacity. The systems will use e-STORAGE's SolBank product under 20-year service agreements with performance guarantees, supporting Ontario's IESO LT1 Resource Adequacy framework. Delivery is set for Q1 2026, with COD expected in H1 2027. The deal expands e-STORAGE's 13 GWh deployed portfolio and reinforces Aypa's growing North American storage pipeline.¹⁴⁷

Optimization and Virtual Toll Agreement Awards

International

- **Oct 29th:** German energy trader Entrix GmbH has expanded its operations into Spain and Portugal to provide AI-powered optimization services for battery storage systems. This move is part of the company's broader European expansion, targeting the fast-growing renewable energy markets in those countries.¹⁴⁸
- **Oct 22nd:** Arenko, a market-leader in energy asset optimization software, has successfully launched its international expansion program, moving into high-growth North American and European markets. Following commercial agreements last year, Arenko's AI-enabled Nimbus software platform has been rolled out across six operational BESS assets in the United States, Germany and Ireland, marking a significant milestone in the company's growth and the global export of UK energy technology.¹⁴⁹
- **Oct 1st:** Axpo and Energix have partnered to optimize Poland's largest BESS, a 24 MW / 56 MWh facility in Nowe Czarnowo, West Pomerania. The project is currently undergoing commissioning and is expected to become operational in January 2026, following licensing.¹⁵⁰
- **Oct 1st:** RES has contracted with The Renewables Infrastructure Group (TRIG) to install its RESOLVE Energy Management System at a new 100 MW / 200 MWh BESS in Spennymoor, County Durham. This system will utilize RES's digital solutions to optimize the BESS's performance by providing real-time monitoring and control, thereby increasing revenue and ensuring grid stability.¹⁵¹

Off-Take / PPA / Awards News

United States

- **Oct 23rd:** Austin Energy has contracted Jupiter Power LLC to provide 100 MW of battery storage capacity in Houston, Texas, for an estimated \$14.4M per year over a 20-year term, totaling \$288M. This deal is the largest energy storage initiative to date for Austin Energy. This will help the utility achieve its goal of having 125 MW of battery storage by the end of 2027, supporting both grid reliability and climate objectives.¹⁵²
- **Oct 14th:** Powerbank Corporation will develop a 20 MW portfolio of solar and battery energy storage projects for the New York State Division of Military and Naval Affairs (DMNA). This portfolio will feature ground-mounted, rooftop, and parking canopy solar systems, as well as behind-the-meter and community solar projects on DMNA properties. Powerbank will handle development, financing, and construction, and supply

¹⁴⁶ <https://en.sungrowpower.com/newsDetail/6759/sungrow-and-engie-complete-first-400-mwh-of-europe-s-largest-battery-storage-project>

¹⁴⁷ <https://www.prnewswire.com/news-releases/canadian-solars-e-storage-expands-partnership-with-aypa-power-through-2-1-gwh-of-ontario-battery-storage-projects-302570479.html>

¹⁴⁸ <https://www.entrixyenergy.com/en/entrixy-spain>

¹⁴⁹ <https://arenko.group/arenko-powers-global-energy-transition-with-international-expansion-into-north-america-and-europe/>

¹⁵⁰ <https://www.axpo.com/group/en/news-and-stories/media-releases/2025/axpo-and-edp-sign-landmark-agreement-to-optimise-energy-storage-.html>

¹⁵¹ <https://www.res-group.com/resources/news/res-signs-digital-solutions-contract-with-trig-to-support-major-uk-battery-storage-project/>

¹⁵² <https://austinenergy.com/about/news/news-releases/2025/austin-energy-signs-battery-storage-deal>

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clean energy to DMNA through 20-year PPAs or to residents via community solar subscriptions.¹⁵³

International

- **Oct 24th:** The Gujarat Electricity Regulatory Commission (GERC)'s final order in Petition No. 2371 of 2024 (GUVNL vs. Gensol Engineering Limited) on October 17, 2025, upheld Gujarat Urja Vikas Nigam Limited's (GUVNL) position to scrap the 500 MW (250 MW + 250 MW greenshoe) BESS project. GERC ruled that Gensol's failure to comply with competitive bidding conditions and provide necessary documentation was a "breach of the competitive bidding conditions".¹⁵⁴
- **Oct 21st:** AVESS Energy received \$2.5M grant under the Commonwealth Government's Quad Clean Energy Supply Chain and Diversification Program (QCESCDP) to research Vanadium Flow Battery (VFB) manufacturing in the Indo-Pacific, supporting clean energy supply chain diversification as part of the Quad initiative. The funding, the maximum available under the program, will support research, development, and feasibility studies for VFB production across the region. The project aims to build a resilient, diversified clean energy supply chain, with the potential for AVESS to establish a regional manufacturing hub.¹⁵⁵
- **Oct 16th:** ACME Solar and Tata Power have signed a 25-year PPA for a 50 MW Firm and Dispatchable Renewable Energy (FDRE) project. The PPA, signed on October 16, 2025, includes a tariff of INR 4.43 per unit for a minimum annual Capacity Utilization Factor (CUF) of 40% and guarantees four hours of peak-hour supply with 90% monthly availability. The project will combine multiple renewable technologies, including solar and battery energy storage, to provide a consistent power supply.¹⁵⁶
- **Oct 16th:** The Solar Energy Corporation of India (SECI) has completed the auction for its 2,000 MW solar power projects integrated with 1,000 MW / 4,000 MWh energy storage systems (ESS) under the ISTS-XX program. The auction, conducted through a tariff-based competitive bidding process, attracted strong participation from multiple developers, showing the growing interest in combining solar power with energy storage solutions.¹⁵⁷

Bidder Name	Capacity (MW)	Tariff (₹/kWh)
Welspun Renewable Energy	200	2.86
MB Power	150	2.86
Shivalaya Construction	600	2.86
Oswal Cables	50	2.86
Purvah Green Power	300	2.86
Banyan Insolation	100	2.86
LC Infra Projects	50	2.86
Stockwell Solar Services	80	2.86
SAEL Industries	300	2.87
GH2 Solar	50	2.87
Navayuga Green Energy	120	2.87

- **Oct 16th:** Successful outcomes of CIS Tender 4 – NEM Generation have been announced by the Australian Government, subject to contract execution between the project proponents and the Australian Government.

¹⁵³ <https://powerbankcorp.com/20-mw-of-solar-and-bess-power-purchase-agreements-secured-by-powerbank-with-the-new-york-state-division-of-military-and-naval-affairs-dmna/>

¹⁵⁴ https://www.eqmagpro.com/wp-content/uploads/2025/08/2371-of-2024-GUVNL-Vs.-Ms.-Gensol-Engineering-Limited_compressed.pdf

¹⁵⁵ <https://avessenergy.com.au/avess-energy-wins-2-5m-grant-to-catalyse-vfb-manufacturing-in-the-indo-pacific/>

¹⁵⁶ https://www.business-standard.com/companies/news/acme-solar-tata-power-sign-ppa-for-50-mw-firm-and-dispatchable-project-125101700859_1.html

¹⁵⁷ [https://www.seci.co.in/Upload/Tender/SECI000177-79531-RfSfor2000MWSolarwith4000MWhESS\(ISTS-XVII\)-finalupload.pdf](https://www.seci.co.in/Upload/Tender/SECI000177-79531-RfSfor2000MWSolarwith4000MWhESS(ISTS-XVII)-finalupload.pdf)

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The Minister for Climate Change and Energy has selected 20 projects, which will provide 6.6 GW of clean generation to the National Electricity Market (NEM). Of the successful projects, 12 hybrid projects have been selected, which will also provide storage capacity of 11.4 GWh.

Project	Proponent	Technology	Capacity MW	State
Bell Bay Wind Farm	Equis	Wind	224	TAS
Bendemeer Energy Hub	Metis Energy	Solar + battery (150 MW / 300 MWh)	252	NSW
Bundey BESS and Solar	Genaspi Energy Group	Solar + battery (300 MW / 1200 MWh)	240	SA
Carmody's Hill Wind Farm	Aula Energy	Wind	247	SA
Corop Solar Farm and BESS	BNRG Leeson	Solar + battery (290 MW / 704 MWh)	230	VIC
Derby Solar Project	Sungrow	Solar + battery (95 MW / 210 MWh)	95	VIC
Dinawan Wind Farm (Stage 1)	Spark Renewables	Wind	357	NSW
Gawara Baya	Windlab	Wind + battery (104 MW / 217 MWh)	399	QLD
Guthrie's Gap Solar Power Station	Edify Energy	Solar + battery (300 MW / 1200 MWh)	300	QLD
Hexham Wind Farm	AGL	Wind	600	VIC
Liverpool Range Wind Stage 1	Tilt Renewables	Wind	634	NSW
Lower Wonga Solar Farm	Lightsource BP	Solar	281	QLD
Merino Solar Farm	EDPR	Solar + battery (450 MW / 1800 MWh)	450	NSW
Middlebrook Solar Farm	Total Energies Renewables Australia	Solar + battery (320 MW / 813 MWh)	363	NSW
Moah Creek Wind Farm	Central Queensland Power (CQP)	Wind	360	QLD
Nowingi Solar Power Station	Edify Energy	Solar + battery (300 MW / 1200 MWh)	300	VIC
Punchs Creek Solar Farm	EDPR	Solar + battery (400 MW / 1600 MWh)	400	QLD
Smoky Creek Solar Power Station	Edify Energy	Solar + battery (300 MW / 1200 MWh)	300	QLD
Tallawang Solar Hybrid	Potentia Energy	Solar + battery (500 MW / 1000 MWh)	500	NSW
Willogoleche 2 Wind Farm	ENGIE and Foresight	Wind	108	SA

- Oct 15th:** BluPine Energy won a 150 MW allocation in SJVN Green Energy's 1.5 GW FDRE auction, which requires renewable energy projects with energy storage to provide firm power during peak hours. Its special-purpose vehicle, Solarcraft Power India 16 Pvt Ltd, secured the project at a tariff of INR 6.75 per kWh, and the project will guarantee a daily peak-hour power supply of 6 GWh. This win is part of BluPine Energy's strategy to build a dispatchable renewable energy portfolio to support India's transition to 24/7 clean energy.¹⁵⁸
- Oct 13th:** SJVN Limited has completed its auction for a 1,500 MW renewable energy project with a 6,000 MWh energy storage system (ESS), which will provide 1,500 MW of peak power for four hours daily. This project, developed through a tariff-based competitive bidding process, involves a 25-year PPA and aims to ensure a stable, dispatchable supply of renewable energy by combining it with energy storage. Winning bidders include Solarcraft Power India (a subsidiary of BluPine Energy), and others like Sembcorp Green Infra, Reliance NU Energies, and ACME Solar.

Bidder	Capacity (MW)	Tariff (₹ /kWh)
Sembcorp Green Infra	150	6.74
Reliance NU Energies	750	6.74
Solarcraft Power India	150	6.75

¹⁵⁸ <https://energystoragepro.com/2025/10/15/blupine-energy-wins-150-mw-project-in-sjvns-landmark-fdre-auction-to-deliver-firm-clean-power/>
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Bidder	Capacity (MW)	Tariff (₹ /kWh)
ACME Solar Holdings	450	6.75

- Oct 8th: Greenvolt Power secured a 15-year indexed tariff contract for a 75MW / 499 MWh battery storage project in Italy's South and Calabria region. This project was awarded through Italy's first MACSE (Italian Electric Storage Procurement Mechanism) auction, organized by the grid operator Terna SpA. The project is scheduled to come online in 2028.¹⁵⁹
- Oct 8th: Rajasthan Rajya Vidyut Utpadan Nigam Limited (RVUNL) has completed the auction for its 1,000 MW / 2,000 MWh standalone BESS project, resulting in 11 winning bidders. The lowest tariff discovered through this competitive bidding process was ₹1.775 lakh per MW per month, with the highest bids reaching ₹1.785 lakh per MW per month.¹⁶⁰

Bidder	Capacity (MW)	Capacity (MWh)	Tariff (₹ lakh/ MW/month)
Stockwell Solar	200	400	1.775
Oswal Cables	100	200	1.775
Micromax Informatics	50	100	1.775
Patanjali Renewables	100	200	1.775
RCRS Innovations	50	100	1.775
Viviana Power Tech	100	200	1.78
Galaxy Mining & Royalties	100	200	1.78
Manda Projects	100	200	1.78
Mineralia Impex	50	100	1.78
Onward Solar	100	200	1.785
S T Electricals	50	100	1.785

- Oct 6th: Tata Power Renewable Energy Limited (TPREL) has signed a PPA with Tata Power Mumbai Distribution to develop an 80 MW Firm and Dispatchable Renewable Energy (FDRE) project in Maharashtra. The project will use a hybrid system that integrates solar, wind, and battery storage to ensure a stable and reliable power supply during peak demand hours. The estimated capital expenditure is ₹1,200 crore, and the project is expected to be completed within 24 months.¹⁶¹

¹⁵⁹ <https://greenvolt.com/greenvolt-group-among-the-winners-of-italys-largest-battery-storage-auction-securing-499mwh/>

¹⁶⁰ <https://www.businesstoday.in/india/story/boost-for-green-energy-drive-solar-battery-storage-prices-hit-new-low-in-rajasthan-auction-497695-2025-10-10>

¹⁶¹ <https://www.tatapowersolar.com/press-release/tata-power-renewables-signs-ppa-with-tata-power-mumbai-distribution-to-set-up-80-mw-firm-and-dispatchable-renewable-energy-project/>

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Open Energy Storage RFPs/RFQs/RFIs

Off-Taker	Description
Arkansas Electric Cooperative	Arkansas Electric Cooperative Corporation (AECC) is conducting a MISO Capacity and Energy Sources Request for Proposals (RFP). The purpose of the RFP is to solicit future capacity and energy supply needs for AECC in MISO, targeting roughly 800 MW total. Proposals must include at least 30 MW of installed capacity. In addition to annual products, AECC is seeking capacity-only offers with this RFP, up to 400 MW, for the winter season only. Bids are due November 7, 2025. ¹⁶²
Australian National Electricity Market	The Australian National Electricity Market has invited bids for 5 GW of renewable energy projects under the Capacity Investment Scheme (CIS). Projects must have an installed capacity of at least 30 MW, and storage projects must source electricity from renewable energy projects. Bids are due December 9, 2025. ¹⁶³
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 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. ¹⁶⁴
West Bengal, India	Bengal's power department has floated a global tender for setting up a 250 MW / 1,000 MWh. The bidding process will be based upon offtake and will help stabilize two 200 MW _{ac} PV projects recently added. The aim is for commissioning in the next two years. Bids are due November 14, 2025. ¹⁶⁵
California Community Power	California Community (CC) Power issued an RFP for Clean Generation and Capacity Resources. The RFP seeks proposals for clean generation and energy storage projects that can meet mid-term reliability, resource adequacy and Renewable Portfolio Standard goals. Bids are due December 5, 2025. ¹⁶⁶
CUED	The Unified Council of Electricity Companies (CUED) in the Dominican Republic has unveiled a public tender for up to 600 MW of new renewable energy generation. Marking a national first, the bidding process mandates the inclusion of BESS as an essential part of the proposed project. ¹⁶⁷
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. ¹⁶⁸
Eswatini	The energy regulatory authority of Eswatini is searching for a project developer to deliver a solar-plus-battery minigrid facility. To ensure the minigrid is capable of electrifying as many people in the area as possible, the solar system should be around 65 kW in size, while the battery storage system should have a capacity of 165 kWh. The deadline for applications is December 3rd. ¹⁶⁹
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. ¹⁷⁰
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. ¹⁷¹
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

¹⁶² <https://www.acespower.com/aecc2025rfp/>

¹⁶³ <https://www.mercomindia.com/australia-floats-tender-for-5-gw-renewable-energy-projects>

¹⁶⁴ <https://www.bchydro.com/work-with-us/selling-clean-energy/2025-call-for-power.html>

¹⁶⁵ <https://energy.economictimes.indiatimes.com/news/power/bengal-floats-tender-for-battery-storage-unit-in-west-midnapore/124736111>

¹⁶⁶ <https://cacomunitypower.org/solicitations/2025allsourcerfp/>

¹⁶⁷ <https://dr1.com/news/2025/10/16/dominican-republic-launches-first-600-mw-renewable-energy-tender-that-mandates-battery-storage/>

¹⁶⁸ <https://www.pv-magazine.com/2025/09/22/ebd-to-support-solar-storage-wind-tenders-in-jordan/>

¹⁶⁹ <https://www.pv-magazine.com/2025/10/28/eswatini-runs-solar-plus-battery-minigrid-tender/>

¹⁷⁰ <https://x.com/emadghaly/status/1960205586072551537?s=46>

¹⁷¹ <https://www.bidnetdirect.com/colorado/colorado-springs-utilities>

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Off-Taker	Description
	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. ¹⁷²
Dominion Energy Virginia	Dominion Energy Virginia (DEV) is seeking proposals for the acquisition of new solar, onshore wind and energy storage development projects in Virginia. The Company is seeking PPA proposals that provide it with exclusive rights to 100% of the Unit Capacity of the facility from which such output will be delivered. The company is seeking a total storage capacity of Solar PV + energy storage, stand-alone energy storage, and onshore wind + energy storage PPA Proposals up to 500 MW _{ac} . The proposal submittal deadline is February 9, 2026. ¹⁷³
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. ¹⁷⁴
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 regulatory approval of RFP documents in December, proposals due in January 2026 and contracts executed about a year later. ¹⁷⁵
Kerala, India	The Kerala State Electricity Board Ltd (KSEBL) has launched a major battery energy storage initiative with a tender for 500 MWh (250 MW x 2 hours) of standalone BESS capacity. The tender is being managed by NTPC Vidyut Vyapar Nigam Ltd (NVVN), which has been appointed as KSEBL's authorized representative. The storage systems will be developed for on-demand usage. It's accepting bids until November 11, 2025. ¹⁷⁶
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. ¹⁷⁷
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 . ¹⁷⁸
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

¹⁷² <https://www.dewa.gov.ae/en/about-us/media-publications/latest-news/2025/06/dewa-adds-800mw-of-clean-energy-production>

¹⁷³ <https://www.dominionenergy.com/about/delivering-energy/renewable-projects/solar-onshore-wind-and-energy-storage-proposals>

¹⁷⁴ <https://dtee-irp-2025allsourcerfp.com/>

¹⁷⁵ <https://www.prnewswire.com/news-releases/georgia-power-announces-2025-energy-storage-system-request-for-proposals-302564964.html>

¹⁷⁶ <https://www.saurenergy.com/solar-energy-news/nvvn-launches-250-mw-500-mwh-bess-tender-in-kerala-with-vgf-support-10556471>

¹⁷⁷ <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/>

¹⁷⁸ <https://naema.com/lincoln-electric-system-spp-capacity-solicitation/>

Off-Taker	Description
	(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. ¹⁷⁹
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. ¹⁸⁰
New South Wales	The New South Wales government has announced plans to launch a new tender seeking 500 MW of firming capacity, seeking bids from BESS, gas, and VPP. The new tender will be led by ASL and seek 500 MW of firming capacity for the New South Wales grid by 2028. It will focus on projects in Sydney, Newcastle, and Wollongong. ¹⁸¹
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. Proposals are due November 12, 2025. ¹⁸²
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. ¹⁸³
PacifiCorp	The PacifiCorp 2025 Integrated Resource Plan (IRP) established an action item to initiate a Request for Proposals (RFP) to procure resources for its Oregon customers that are aligned with the 2025 IRP preferred portfolio and that can achieve commercial operations by the end of December 2029. The 2025 IRP calls for energy storage resources, including 509 MW of lithium-ion batteries with four-hour duration, and 272 MW of iron-air storage with 100-hour duration by the end of 2029. Proposals are due November 18, 2025. ¹⁸⁴
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. ¹⁸⁵
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. ¹⁸⁶

¹⁷⁹ <https://energy.economictimes.indiatimes.com/news/power/government-approves-5400-cr-funding-for-30-gwh-battery-storage-to-boost-renewable-energy-infrastructure/121756430>

¹⁸⁰ <https://www.energy-storage.news/south-korea-government-tenders-central-contracts-for-540mw-3240mwh-bess/>

¹⁸¹ <https://www.energy-storage.news/australias-new-south-wales-to-launch-500mw-firming-tender-to-address-grid-reliability-issues/>

¹⁸² [https://northwesternenergy.com/docs/default-source/default-document-library/about-us/regulatory/nwps---capacity-rfp-\(rev0---issue---8-15-25\).pdf](https://northwesternenergy.com/docs/default-source/default-document-library/about-us/regulatory/nwps---capacity-rfp-(rev0---issue---8-15-25).pdf)

¹⁸³ <https://www.nyseda.ny.gov/All-Programs/Energy-Storage-Program/Developers-and-Contractors/Bulk-Storage-Incentives>

¹⁸⁴ <https://www.pacificorp.com/suppliers/rfps/2025-oregon-situs-rfp.html>

¹⁸⁵ <https://www.pv-tech.org/philippines-opens-tender-9-4gw-renewable-energy-storage/>

¹⁸⁶ <https://www.reuters.com/sustainability/boards-policy-regulation/portugal-invest-466-million-boost-grid-management-battery-storage-after-outage-2025-07-28/>

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Off-Taker	Description
PSE	Puget Sound Energy (PSE) is issuing a solar and storage RFP seeking 119 MW of standalone or hybrid BESS power by the end of 2030. Sizing should be between 200 kW and 6 MW for qualifying projects. Offers are due January 30, 2026. ¹⁸⁷
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. ¹⁸⁸
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. ¹⁸⁹
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. ¹⁹⁰
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. ¹⁹¹
South Australia	South Australia is seeking 700 MW of long-duration energy storage to get the state to 100% renewables by 2027. Minimum sizing is 30MW with 8-hours of duration. Bids are due by November of 2025. ¹⁹²
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. ¹⁹³
SPSC	Southeastern Public Service Company (SPSC) is issuing a tender to generate roughly 2,512 GWh by 2032. All resource types are eligible, including, but not limited to, wind, solar, wind plus storage, solar plus storage, stand-alone storage, natural-gas-fired, hydrogen-fueled technologies, nuclear technologies, geothermal technologies, transitional technologies, and repowering. Proposals that incorporate a transition over time to carbon-free, for example, a gas-fired combustion turbine generator that transitions to hydrogen-fueled, will also be considered. The minimum size of a project is 10 MW. Bids are due January 13, 2026, but bidders must submit an intend to respond notice by December 9, 2025. ¹⁹⁴
Transgrid	Transgrid says it will seek to award contracts for more than 1 GW of grid-forming battery capacity in 2026, the first stage of a plan to engage 5 GW of battery capacity in the coming years. The first

¹⁸⁷ file:///C:/Users/sfb38/Downloads/2025_DSS_RFP_Main_Document.pdf

¹⁸⁸

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

¹⁸⁹ <https://energy.economictimes.indiatimes.com/news/power/rajasthan-erc-approves-tariff-for-1000-mwh-battery-energy-storage-system-project/121949470>

¹⁹⁰ <https://solarquarter.com/2025/08/21/seci-invites-bids-for-600-mw-1200-mwh-battery-storage-project-in-nandiyal-andhra-pradesh/>

¹⁹¹ <https://www.ess-news.com/2025/08/19/dominican-republic-tenders-up-to-600-mw-solar-wind-with-mandatory-storage/>

¹⁹² <https://www.energy-storage.news/south-australia-prepares-its-first-700mw-tender-for-long-duration-energy-storage/>

¹⁹³ <https://weadapt.org/organisation/miteco/?tab=about>

¹⁹⁴ <https://api.knack.com/v1/applications/5ef3be3e64136e001609357d/download/asset/68f87dc304ccc802fd349bc6/rfp.pdf>

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Off-Taker	Description
	gigawatt of capacity is expected to be able to deliver its services by the middle of 2026, so these battery projects will need to be either already operating or in the commissioning process. More tenders will be held in subsequent years. ¹⁹⁵
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. ¹⁹⁶

General News

United States

Xcel Energy Announces Distributed Storage Program in Minnesota

Oct 8th: Xcel Energy has proposed a "first-of-its-kind" program called Capacity*Connect to the Minnesota Public Utilities Commission (MPUC), aiming to deploy up to 200 MW of battery storage across the state by 2028. The program involves installing modular battery systems at host sites, such as businesses and industrial facilities, to stabilize the grid by charging during low-demand periods and discharging during peak periods.¹⁹⁷

International

Ofgem Changes GC0166 Parameters for Storage Participation in UK Balancing Market

Oct 22nd: Ofgem has approved Grid Code Modification GC0166, which introduces new parameters for limited-duration assets, such as electricity storage modules (ESMs), in the UK's Balancing Mechanism (BM). This modification replaces the outdated '30-minute rule' with new parameters, including Maximum Delivery Offer (MDO) and Maximum Delivery Bid (MDB), which will provide the National Energy System Operator (NESO) with better visibility of an ESM's full capability. As a result, ESMs can be dispatched more efficiently and economically for longer durations, leading to improved grid stability and investor confidence. Key changes include:¹⁹⁸

- Replaces the "30-minute rule": Before this change, ESMs had to declare their maximum import/export limits based on 30 minutes. This new modification allows them to declare their actual capabilities through new parameters.
- Introduces new parameters: The modification adds new parameters, including Maximum Delivery Offer (MDO), Maximum Delivery Bid (MDB), and Future State of Energy (FSOE).

Lithuania Opens Call for Funding

Oct 8th: Lithuania launched an additional € 45M funding call for high-capacity electricity storage projects. The initiative is managed by the Environmental Project Management Agency (APVA) and follows a € 102M tender in June that drew overwhelming interest. The new round provides nearly € 45M to support projects that were unsuccessful or on the reserve list from the June call, as well as new projects. The initial June tender received over 50 applications, requesting almost double the available € 102M. Subsidies can cover up to 30% of eligible project costs. There is a cap of € 100,000/MWh of storage. Eligible storage facilities must have a minimum generation capacity of 15 MW and a maximum storage capacity of 300 MWh. The call for applications opened on October 10, 2025, and remained open for 15 working days.¹⁹⁹

¹⁹⁵ <https://reneweconomy.com.au/network-giant-launches-australias-biggest-tender-for-grid-forming-batteries/>

¹⁹⁶ <https://solarquarter.com/2025/08/29/western-australia-launches-4-billion-renewable-energy-tenders-under-federal-capacity-investment-scheme/>

¹⁹⁷ <https://newsroom.xcelenergy.com/news/xcel-energy-to-meet-minnesotas-energy-needs-with-first-in-the-nation-distributed-capacity-procurement>

¹⁹⁸ <https://www.ofgem.gov.uk/sites/default/files/2025-10/Grid%20Code%20GC0166%20-%20Introducing%20new%20Balancing%20Mechanism%20Parameters%20for%20Limited%20Duration%20Assets.pdf>

¹⁹⁹ <https://renewablemarketwatch.com/news-analysis/lithuania-is-launching-a-1-7-gw-4-gwh-of-battery-energy-storage-system-bess-procurement-procedure/>

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Germany Awards 488 MW Solar and Storage in Latest Tender

Oct 1st: Germany's Federal Network Agency (Bundesnetzagentur) awarded 488 MW for solar and storage systems in its May 1, 2025, innovation tender, which was oversubscribed with 158 bids totaling 2.02 GW against a tendered capacity of 486 MW. All successful projects were for solar PV combined with energy storage systems.²⁰⁰

- Tender Capacity: The agency offered 486 MW for this tender round.
- Bids Received: 158 bids were submitted, totaling 2.02 GW.
- Capacity Awarded: 29 contracts were awarded, totaling 488 MW.
- Technology: All awarded projects were for solar PV co-located with energy storage.
- Oversubscription: The tender was more than four times oversubscribed.
- Pricing: The volume-weighted average award price was €0.0615/kWh, significantly below the €0.09/kWh ceiling price.

Data Center / Energy Storage News

United States

- Oct 27th: OpenAI, Oracle, and Vantage Data Centers have partnered to build the "Lighthouse" campus, a large, renewables-powered AI data center in Port Washington, Wisconsin. The \$15B project is part of OpenAI's wider \$500B "Stargate" initiative to expand AI infrastructure in the US. Construction is expected to start soon, with a targeted completion date of 2028. The campus will use solar, wind, and battery storage to operate on 100% zero-emission energy. Seventy percent of the renewable power generated will go to the campus.²⁰¹
- Oct 22nd: Calibrant Energy will deliver a 31 MW / 62 MWh BESS to an Aligned Data Centers campus in the Pacific Northwest. The system, expected to be operational in 2026, is designed to accelerate the data center's ability to come online years earlier than possible with traditional utility upgrades. It will also serve as a grid-responsive asset to support the local power grid.²⁰²
- Oct 4th: Entergy Arkansas has announced that it will provide the power for Google's planned \$4B technology investment in Arkansas, unveiled at a community event with state and local leaders. The investment marks a major milestone for the state, with Google set to establish its first Arkansas facility, a new data center in West Memphis—focused on cloud computing and artificial intelligence infrastructure. Entergy Arkansas and Google are collaborating on a new 600 MW solar project with a 350 MW battery storage system in Jefferson County to help power the data center.²⁰³

²⁰⁰ <https://taiyangnews.info/markets/germany-declares-may-1-2025-innovation-tender-results>

²⁰¹ <https://vantage-dc.com/news/openai-oracle-and-vantage-data-centers-announce-stargate-data-center-site-in-wisconsin/>

²⁰² <https://www.calibrantenergy.com/resources/aligned-and-calibrant-to-deploy-first-of-its-kind-on-site-battery-storage-project>

²⁰³ <https://www.entergy.com/news/entergy-arkansas-powers-googles-4b-investment-in-the-state>

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Hydrogen News

United States

Bloom Energy Signs \$ 5B US Dollar Partnership with Brookfield to Power AI data Centers with Fuel Cells

Oct 15th: Bloom Energy and Brookfield agreed a strategic partnership for behind-the-meter solid-oxide fuel cells to power new AI data centers globally, including a Europe site to be announced by year-end. The units are fuel-flexible and can run on natural gas, biogas, hydrogen, or blends; Bloom notes most current data-center deployments use natural gas, with hydrogen viable as supply ecosystems mature. The partnership aims to sidestep grid interconnection delays by co-locating onsite generation with compute.²⁰⁴

Leaked List Suggests Remaining Five US Hydrogen Hubs at Risk of Funding Cancellation

Oct 8th: After \$ 2.2B dollars in hub cuts last week, a leaked Department of Energy “terminate” list reportedly includes the other five hubs: HyVelocity (Gulf Coast), Midwest (Illinois, Indiana, Michigan), Mid-Atlantic (Pennsylvania, Delaware, New Jersey), ARCH2 (Appalachia), and Heartland (Dakotas, Montana, Wisconsin, Minnesota), with roughly \$ 4.8B in additional hub funding at stake and about \$ 20B across all programs.²⁰⁵

International

RWE Plans 850MW ‘Hydrogen-Capable’ CCGT

Oct 28th: RWE unveiled an 850MW combined-cycle gas plant for the former Voerde coal site in North Rhine-Westphalia, targeting operation by 2030. The unit is designed to co-fire up to 50% hydrogen from day one, though RWE has not committed to a timeline for actual H₂ use. The site sits near Germany’s planned hydrogen core pipeline network, and project realization hinges on subsidies from a forthcoming federal tender for ~20 GW of gas capacity. RWE said it commissioned GE Vernova and Técnicas Reunidas in 2024 to build and operate the plant, implying GE Vernova turbines.²⁰⁶

Avalon Unveils €1bn E-SAF Project in Southern Spain

Oct 28th: Avalon Renovables announced La Joya–Málaga, a one-billion-euro synthetic aviation fuel project in Andalusia. The plan pairs 250 MW of green hydrogen with captured biogenic CO₂ to produce methanol, then converts it to e-SAF for use at Málaga Airport. The integrated site will also generate 50 GWh of biomethane annually, with offtake still in discussion. Construction is slated for Q4 2026 with operations beginning in Q2 2029. Despite EU mandates requiring 1.2% e-SAF use by 2030, no EU e-SAF projects have reached FID yet.²⁰⁷

Topsoe Wins 55 MW SOE Order for Forestal Del Atlántico’s Triskelion E-methanol Plant

Oct 28th: Forestal del Atlántico placed a firm order with Topsoe for 55 MW of solid-oxide electrolyzers for its Triskelion green methanol project in Galicia. Shipment follows an FID targeted for Q2 2026, with start-up in 2028. The plant will pair green hydrogen with about 78,000 tons of captured CO₂ to make 57,000 tons per year of e-methanol for internal chemicals use. The project received a €49 million EU Innovation Fund grant in 2023. Topsoe will supply its e-methanol process, catalysts, engineering, and a 10-year electrolyzer warranty, and claims an integrated H₂-to-methanol pathway that can improve efficiency by up to 30% while avoiding intermediate hydrogen storage. Topsoe notes available capacity at its Herning factory and also holds a firm 100 MW SOE order with First Ammonia in Texas plus a 400 MW capacity reservation.²⁰⁸

²⁰⁴ <https://www.bloomenergy.com/news/brookfield-and-bloom-energy-announce-5-billion-strategic-ai-infrastructure-partnership/>

²⁰⁵ <https://www.hydrogeninsight.com/production/remaining-five-us-hydrogen-hub-winners-also-in-danger-of-funding-cancellation-leaked-document/2-1-1882854>

²⁰⁶ <https://www.rwe.com/en/press/rwe-generation/2025-10-27-rwe-plans-hydrogen-compatible-gas-fired-power-station-in-voerde/>

²⁰⁷ <https://www.hydrogeninsight.com/production/spanish-developer-unveils-1bn-green-hydrogen-and-e-saf-project-in-southern-spain/2-1-1892273>

²⁰⁸ <https://www.topsoe.com/press-releases/forestal-selects-topsoes-breakthrough-soec-technology-for-e-methanol-production>

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Japan Names First Winners Of 3 Trillion Japanese Yen Hydrogen CfD

Oct 27th: METI selected two projects for 15 years of price support starting in 2030. A Toyota Tsusho–led green steel project at Aichi Steel’s Chita mill will use a 15 MW electrolyzer with Toyota-made stacks (via Chiyoda) powered by Eurus wind to produce 1,600 tons per year of green hydrogen to displace fossil gas in scrap smelters. A Resonac–Nippon Shokubai project in Kawasaki will gasify waste plastics and textiles to make 3,234 tons per year of hydrogen, synthesize 20,815 tons per year of ammonia, then convert it to acrylonitrile for the textiles and plastics sectors. Subsidy sizes were not disclosed. The steel project expects support from April 2030, the chemicals project from August 2030, with supply potentially continuing to 2055. Winners are paid the difference between a guaranteed strike price and buyer price, and repay if market prices exceed the strike price.²⁰⁹

Woodside’s Beaumont Blue Ammonia Project 97% Complete

Oct 23rd: Woodside says its 1.1 million tons-per-year Beaumont New Ammonia plant in Texas is “97% complete”, with commissioning starting this month and first production expected by year-end. Initial ammonia will be made from unabated fossil gas until Linde’s adjacent blue hydrogen plant starts in early 2026, after which Beaumont will produce blue ammonia. Key systems are operational, and catalyst loading is underway. OCI, which is building the plant, sold the project (excluding the hydrogen unit) to Woodside in 2024 for \$ 2.35B dollars; Woodside has paid \$ 1.88B and will pay the remaining 470 million upon delivery of a fully operational, fully staffed facility in 2026. OCI reports about \$ 1.3B spent to date, with total cost around \$ 1.6B including contingencies. Linde will supply blue hydrogen and nitrogen and is relying on ExxonMobil’s Rose carbon storage to be ready by the end of this year.²¹⁰

Junrui to Build 390 MW Off-Grid Green Hydrogen and Ammonia Project in Inner Mongolia

Oct 22nd: Junrui Green Hydrogen Energy won local approval to start construction in Hohhot, Inner Mongolia. The 390 MW off-grid plant will use 785 MW electrolyzers powered by wind and solar to produce about 20,000 tons of green hydrogen per year at roughly 3,000 hours of operation annually. A co-located facility will make 110,000 tons per year of ammonia. The hydrogen project costs 1.6 billion Chinese yuan (314 million equity, ~1.3 billion in bank loans), with the ammonia unit costing 1.5 billion Chinese yuan (300 million equity, 1.2 billion in loans). Construction is slated to begin imminently and finish by November 2026, though regional rules allow a two-year window to start. Offtake has not been disclosed.²¹¹

ITM Unveils 50 MW PEM Electrolyzer Priced At 50 million Euros

Oct 21st: ITM Power introduced “Alpha 50”, a modular 50 MW “full-scope” green hydrogen plant priced at about 1 million euros per MW. The outdoor, skid-mounted, plug-and-play system consolidates process units, includes redundancy for uptime, and delivers high-purity hydrogen at 30 bar with fast load-following. ITM argues most project capex is local EPC work, making “Alpha 50” cheaper in Europe than same-size plants built around low-cost Chinese alkaline stacks.²¹²

Longi Hydrogen Gets Green Light For 1 GW Alkaline Electrolyzer Factory in Inner Mongolia

Oct 16th: Longi Hydrogen received regional approval to build a 1 GW alkaline-electrolyzer plant in Ordos, Inner Mongolia, lifting its total manufacturing capacity to 3.5 GW. The 10 billion Chinese yuan project (about 1.4 billion US dollars) is slated to start construction in December 2025 and finish by September 2026, with output of 200

²⁰⁹ <https://www.hydrogeninsight.com/production/first-two-winners-revealed-from-japans-giant-20bn-clean-hydrogen-production-subsidy-programme/2-1-1891542>

²¹⁰ https://www.woodside.com/docs/default-source/asx-announcements/2025/third-quarter-2025-report.pdf?sfvrsn=ed6d5864_5

²¹¹ <https://www.hydrogeninsight.com/production/chinese-developer-to-build-390mw-off-grid-green-hydrogen-and-ammonia-project-in-inner-mongolia/2-1-1889637>

²¹² <https://itm-power.com/news/launch-of-alpha-50-a-new-global-standard-for-execution-at-scale>

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sets of 5 MW electrolyzers per year. Longi says it has won orders in ten countries; the latest was a 5 MW unit with balance-of-plant for a green hydrogen project in Namibia. Regional officials also approved a 2.2 GW green hydrogen and ammonia project and a 1.8 GW green hydrogen and methanol facility.²¹³

Lhyfe Inaugurates 10 MW Green Hydrogen Plant in Germany

Oct 15th: Lhyfe opened its 10 MW Schwäbisch Gmünd facility in Baden-Württemberg, its first industrial-scale site outside France, lifting total operational capacity to 21 MW. The plant can produce about 4 tons per day of RFNBO-certified hydrogen (~1,460 tons per year at full run), powered via PPAs in Germany (including EDP). Volumes are aimed at heavy-duty mobility and industrial users and delivered by road. Lhyfe has a five-year agreement to supply 1,200 tons to H2 Mobility (~16% of capacity) and received 2.1 million euros from the state plus 4.3 million euros from the European Union.²¹⁴

Metacon Acquires Hynion Sverige Refuelling Assets For 5% Of Original Price in Bankruptcy Auction

Oct 14th: Swedish hydrogen tech firm Metacon bought refuelling station components from Hynion Sverige's bankruptcy auction for 3.5 million Swedish krona (about 366,000 US dollars); roughly 5% of the 67 million Swedish krona Hynion originally paid. Hynion's Swedish unit filed for bankruptcy in May 2025 citing debt and low hydrogen-vehicle demand. The Norwegian parent is still awaiting delayed financing. Metacon plans to redeploy the components into current and future projects and says market signals are improving as the EU's Alternative Fuels Infrastructure Regulation pushes minimum hydrogen refuelling coverage by 2030.²¹⁵

CIP Closes Acquisition of 70% Stake in 100 MW Lubmin Green Hydrogen Project

Oct 14th: Copenhagen Infrastructure Partners (CIP) finalized a 70% stake in H2Apex's 100 MW project in Lubmin, Germany, investing 15 million euros to advance it toward unlocking 167 million euros of IPCEI state aid. Construction remains slated to start next year, with completion previously targeted for 2028. H2Apex plans to scale to 600 MW and ultimately exceed 1 GW in Lubmin. The site sits near the 1,630 km Flow hydrogen pipeline, whose initial sections are due to come online this year.²¹⁶

SHS Secures 1.7 billion Euros Financing for Green Hydrogen Steel Project in Saarland

Oct 14th: Stahl-Holding-Saar closed 1.7 billion euros of financing for Power4Steel, adding to 2.6 billion euros in approved public support. The plan builds a green hydrogen-fired direct-reduced iron plant at Dillinger (2 million tons per year of green iron) and two electric arc furnaces at Dillinger and Völklingen (combined 3.5 million tons per year of crude steel), replacing coal-based assets. The DRI unit completes in 2027, starts on natural gas, then blends hydrogen toward 100% in the mid-2030s, requiring about 108,000 tons per year of green hydrogen at full switch-over. SHS signed an offtake with Verso Energy for at least 6,000 tons per year from the CarlHYng project in Carling. Financing comes via a bank consortium; previously approved public support includes 1.82 billion euros from the federal government under IPCEI and 780 million euros from the Saarland Transformation Fund.²¹⁷

²¹³ <https://www.hydrogeninsight.com/electrolysers/longi-hydrogen-gets-green-light-to-build-1gw-alkaline-electrolyser-factory-in-china/2-1-1887154>

²¹⁴ <https://www.lhyfe.com/press/lhyfe-inaugurates-germanys-largest-commercial-renewable-hydrogen-production-site-in-baden-wuerttemberg-to-distribute-rfnbo-certified-hydrogen-to-a-range-of-players/>

²¹⁵ <https://www.hydrogeninsight.com/transport/swedish-hydrogen-tech-firm-acquires-hynion-s-refuelling-assets-for-5-of-original-price-in-bankruptcy-auction/2-1-1885823>

²¹⁶ <https://www.h2-view.com/story/cip-completes-70-stake-in-h2apexs-100mw-lubmin-hydrogen-project/2133320.article/>

²¹⁷ <https://www.hydrogeninsight.com/industrial/german-steel-group-secures-1-7bn-of-financing-for-green-hydrogen-based-iron-and-steel-project/2-1-1885264>

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Stegra Seeks Nearly 1 billion Euros in New Financing

Oct 13th: Stegra launched a 975 million euros raise to support its 6.5 billion euros green steel complex in Boden, including a 740 MW green hydrogen plant. The round (about 15% of total cost) mixes new equity, debt, outsourcing, and strategic partnerships. Proceeds will offset a cancelled 165 million euros grant, fund insourced rail and port infrastructure, add contingency, and cover inflation-driven cost increases. Stegra says the project is over 60% complete and adds a three-month timeline extension for the added scope.²¹⁸

Japan's Largest Green Hydrogen Project Begins Production

Oct 13th: The 16 MW Hakushu plant in Yamanashi started producing green hydrogen, supplying Suntory via a 2 km pipeline for boilers now, and later the adjacent whisky distillery. The 18.6 billion Japanese yen project (about 122 million US dollars) uses 10 MW Siemens Energy and 6 MW Kanadevia PEM electrolyzers and can produce up to 2,200 tons per year. Developed by Yamanashi Hydrogen Company with support from NEDO's Green Innovation Fund. Partners include TEPCO (engineering and energy management), Toray (membranes), Miura (H₂ boilers), Kaji (compression/dehumidification), and Nichicon (rectifiers).²¹⁹

Chile's Green Hydrogen Tax-Credit Bill Heads to a Vote

Oct 9th: The Chamber of Deputies' finance committee advanced a Green Hydrogen Industry Promotion Bill offering 2.8 billion US dollars in tax credits via six annual tenders from 2025–2030. Producers bid the credit level their buyers need per kilogram of green hydrogen (or derivative) used in Chile. Awards run for 10 years from start-up, which must occur within five years. The annual funding pots step down from 700 million in 2025 to 300 million in 2029–2030, with a yearly per-kg cap falling from 5 dollars to 2 dollars by 2030. Credits can be revoked for delays beyond six months not caused by permitting, or if output is more than 20% below the bid. Projects in Magallanes receive extra incentives, including corporate income-tax exemptions and VAT-free capital-goods imports. The bill is marked “urgent,” but must pass both chambers before the Nov 16th election.²²⁰

BMW Plans Hydrogen Pipeline to Leipzig Car Plant

Oct 2nd: BMW signed with Mitnetz Gas and Ontras to build a 2 km hydrogen link to its Leipzig factory, which it says will be the first car plant with its own H₂ pipeline. Deliveries are slated to start mid-2027, with hydrogen used in the paint shop's furnace and for fuel-cell forklifts and tug trains. The spur will later connect into Germany's planned 9,000 km core hydrogen network. BMW has 11 fuel-flexible burners (gas or hydrogen) installed since 2022 and a 230-unit fuel-cell material-handling fleet operating since 2013.²²¹

²¹⁸ <https://www.reuters.com/sustainability/climate-energy/swedish-green-steel-firm-stegra-seeks-another-11-billion-financing-2025-10-13/>

²¹⁹ <https://www.hydrogeninsight.com/production/astonish-the-world-japans-largest-green-hydrogen-project-begins-production/2-1-1885132>

²²⁰ <https://fuelcellworks.com/2025/10/09/green-hydrogen/chile-s-2-8-billion-green-hydrogen-bill-moves-forward-in-congress>

²²¹ <https://www.press.bmwgroup.com/global/article/detail/T0453066EN/bmw-group-plant-leipzig-paves-the-way-for-hydrogen-pipeline-link-%25E2%2580%2593-a-world-first-in-car-production?language=en>

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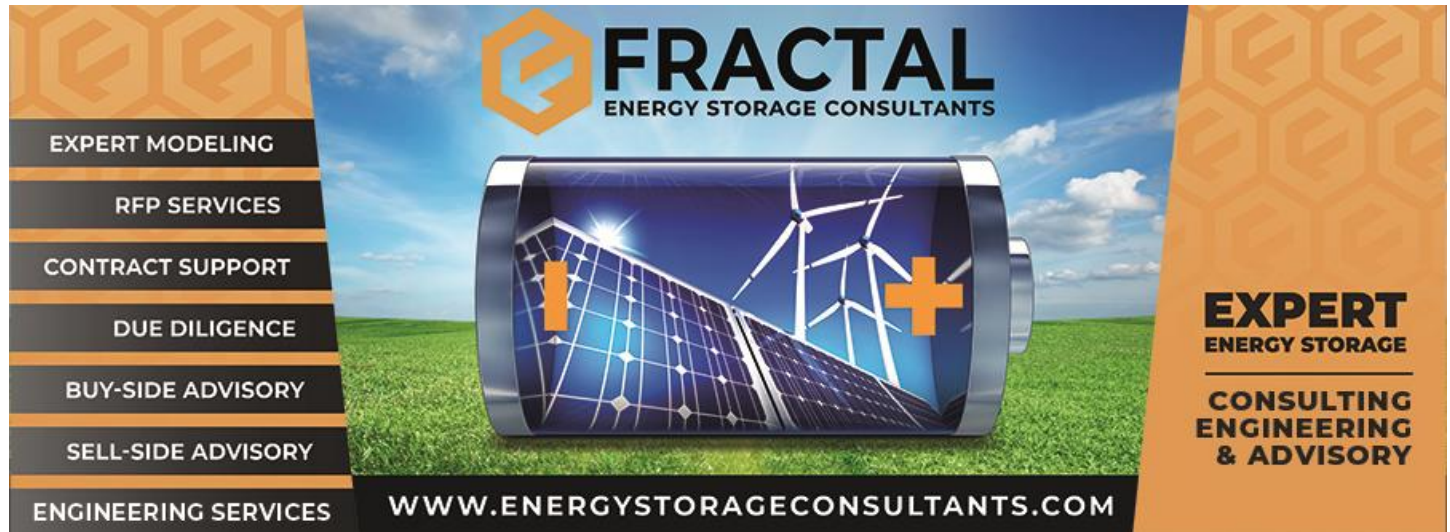
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Upcoming Conferences

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
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
January 28–29, 2026	Solar & Storage Live Thailand 2026 – Bangkok, Thailand
January TBD, 2026	2026 COSSA Solar Power Energy Storage
January TBD, 2026	Infocast Projects & Money – New Orleans, LA
February 3-4, 2026	Solar Finance & Investment Europe 2026 – London, UK
Feb 3-8, 2026	China International Battery Fair (CIBF2025) - Shenzhen, China
February 10-12, 2026	Solar Power Africa - Cape Town, South Africa
February 18–20, 2026	Intersolar / Energy Storage North America- San Diego, CA
February TBD, 2026	RE+ Northeast - Boston, MA
February 24-25, 2026	Energy Storage Summit 2026 – London, UK
February TBD, 2026	ERCOT Summit 2026 – Austin, TX
March 4-6, 2026	Operations, Maintenance & Safety Conference Orlando, FA
March TBD, 2026	Energy Storage Show – Birmingham, AL
March TBD, 2026	Infocast Solar Wind Finance and Investment 2026 – Phoenix, AZ
March 17-18, 2026	Energy Storage Summit Australia 2026 – Sydney, Australia
March 18-20, 2026	Solar & Storage Live Africa 2026, Johannesburg, South Africa
March 18-19, 2026	Solar & Storage Live Queensland 2026 – Brisbane, Australia
March 30–April 1, 2026	ACP Siting & Permitting Conference 2026 – Aurora, CO
April TBD, 2026	Energy Storage International Conf & Expo 2026 – Beijing, China
April 1-2, 2-26	Energy Storage International Conference and Expo (ESIE 2026) – Beijing, China
April 7-9, 2026	Middle East Energy (MEE 2026) - Dubai
April 9-10, 2026	Solar & Storage Live Malaysia 2026 - Kuala Lumpur, Malaysia
April 14-16, 2026	RE+ Mexico - Jalisco, Mexico
April TBD, 2026	Energy Storage International Conf & Expo 2026 – Beijing, China
April TBD, 2026	UK and World Energy Storage Conferences 2026 – UK
April TBD, 2026	Solar + Storage España 2026 - Valencia, Spain
April TBD, 2026	RE+ Southeast 2026 - Atlanta, GA
April 29-30, 2026	Wood Mackenzie Solar & Energy Storage Summit 2026 – Denver, CO
April TBD, 2026	Renewables Energy Revenues Summit USA 2026 – Dallas, TX
April TBD, 2026	Solar & Energy Storage Summit 2026 – Denver, CO
April TBD, 2026	ACP Clean Power on the Hill – Washington, D.C.
April TBD, 2026	NPM Development & Finance Conference 2026 – NYC
April TBD, 2026	Large Scale Solar USA 2026 – Dallas, WA
April TBD, 2026	Solar & Storage Live Egypt 2026 – New Cairo, Egypt

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

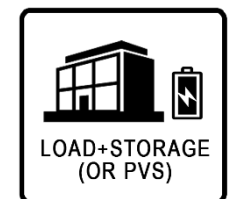
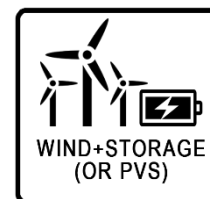
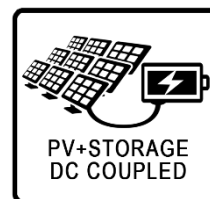
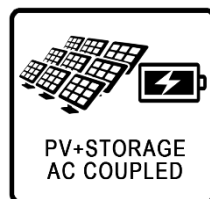
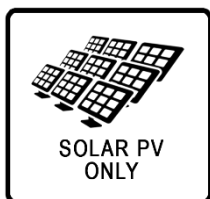


STANDALONE STORAGE OR HYBRID SYSTEM ANALYSIS

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

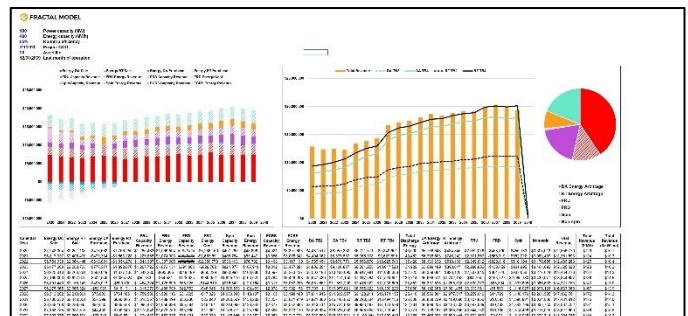
- Investment Tax Credit
- Production Tax Credit
- State Incentives

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

SCHEDULE A DEMO

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, 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 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.

FRACTAL REMOTE MONITORING AND OPERATIONS



REMOTE MONITORING AND OPERATIONS PACKAGES

Fractal EMS provides options for business hours or 24/7 monitoring and operations for BESS and Solar PV through our in-house NERC CIP Medium control room based in Austin, Texas. Fractal EMS only uses real, in-house experienced BESS operators to monitor your projects including technical support, troubleshooting, incident response and coordination. Our job is to maximize uptime, protect your warranties and to keep your assets performing well. Schedule a visit to our control room to meet our operations team.

MONITOR

- 24/7 real-time **human** monitoring and asset management for BESS, Solar PV and Substation²²²
- Monitor Fractal EMS hardware and software
- Monitor SOC, C-rate and DoD management
- Monitor fire alarm activity indicated on the fire suppression panel and report events
- Anomaly detection and trend analysis
- Daily, weekly, monthly customizable automated performance reports
- Outage or incident root cause analysis, per request

RESPOND

COORDINATE

- Coordinate market operations with QSE
- Coordinate with manufacturers to identify problems and provide guidance/solutions for BESS-related matters that may impact system performance (e.g., low cooling loop pressures, locked up readings, nuisance alarms, etc.)
- Serve as liaison to equipment providers to facilitate resolution of any BESS issue and estimate impact on site performance
- Support / submit warranty claims
- Facilitate capacity, RTE or performance tests as requested

NOTIFY

²²² Fractal EMS can monitor the battery system, balance of plant, substation and solar PV per monitoring agreement options.

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- Provide remote technical support, troubleshooting and system restoration
- Perform remote inverter resets
- Assess, escalate and respond to events
- Assess remedial actions if remote troubleshooting is insufficient
- Respond to owner and equipment provider inquiries

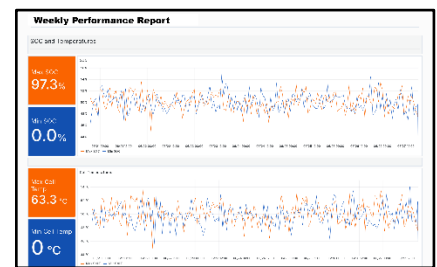
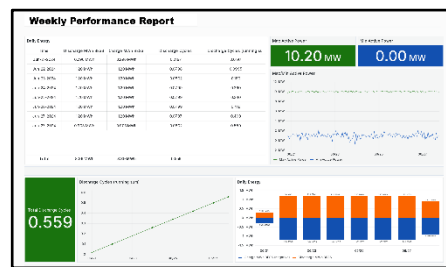
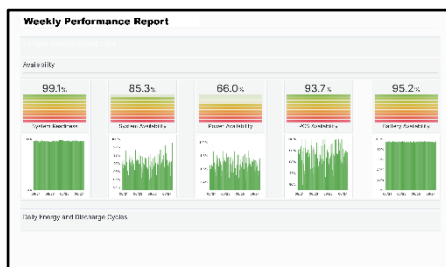
- Notify the owner of Level 2, 3 and 4 events
- Notify owner of all technical events which reduce BESS availability within five minutes

REPORT

- Daily, weekly, monthly customizable automated performance reports
- Outage or incident root cause analysis, per request

PERFORMANCE REPORTING

Fractal EMS provides customizable daily, weekly, and monthly performance and availability reports.



Fractal EMS Performance Monitoring Reports

KEEP YOUR ASSETS AND PEOPLE SAFE

Some EMS providers subcontract their monitoring services to an unknown party. Others only monitor the software. Fractal EMS provides experienced, in-house asset monitoring that:

- Prioritizes, escalates, and communicates events or abnormalities with owners
- Performs trend analysis, reporting and troubleshooting on KPIs to maintain system health and performance
- Initiates emergency response protocols, event escalation and notifications
- Ensures automated safety interlocks associated with equipment are properly executed

SCHEDULE A TOUR

SCHEDULE A VISIT OF OUR REMOTE OPERATIONS CENTER
INFO@FRACTALEMS.COM