

FRACTAL ENERGY STORAGE NEWS



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Storage M&A Transactions and Investment News

United States

- *Apr 29th*: AESC announced the sale of a majority interest in its Florence County, South Carolina, battery facility to Fixx Energy to bolster the U.S. battery supply chain. The transaction includes a long-term supply agreement with Fluence Energy to ensure the delivery of domestic-content-compliant battery energy storage system (BESS) components. This strategic shift follows a recent pause in construction at the \$ 1.6B plant,

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allowing the project to proceed under a more defined ownership structure while ensuring Fluence meets U.S. domestic production requirements for its energy storage projects.^[1]

- **Apr 29th:** Solidion Technology's largest shareholder, Global Graphene Group, announced it would provide immediate liquidity support to the company through a financing arrangement. The support was intended to fund ongoing operations and the commercialization of Solidion's silicon-anode and solid-state battery technologies. This financial backing followed the company's recent advancements in high-capacity battery materials at its facility in Dayton, Ohio, USA.²
- **Apr 28th:** Headwater Energy announced the acquisition of Arena Renewables; a developer focused on utility-scale solar and storage projects. The transaction aimed to strengthen Headwater's development pipeline in the WECC and ERCOT markets, specifically targeting high-demand regions in the Western U.S. and Texas. This acquisition provided Headwater with an additional 2.5 GW of solar and BESS assets at various stages of development.³
- **Apr 28th:** CleanDesign Power Systems secured a \$ 20M growth investment from Lead Edge Capital to scale its hybrid energy technology across the oil, gas, and mining sectors. The funding was intended to accelerate the deployment of the company's mobile BESS and power management solutions, which help industrial operators reduce fuel consumption and carbon emissions. This investment supported the company's manufacturing expansion at its headquarters in Houston, Texas, USA.⁴
- **Apr 27th:** I Squared Capital announced the acquisition of Oriden, a renewable energy developer, from Mitsubishi Power Americas. The acquisition included Oriden's team and a project pipeline exceeding 20 GW of solar and BESS assets across the U.S. This transaction aimed to expand I Squared Capital's North American presence in the clean energy transition by leveraging Oriden's expertise in developing utility-scale and community-scale projects.⁵
- **Apr 24th:** Mortenson announced the acquisition of Nor-Cal Controls, an engineering and controls firm specializing in solar and BESS projects. The acquisition allowed Mortenson to integrate advanced power plant controller (PPC) and supervisory control and data acquisition (SCADA) capabilities into its renewable energy portfolio. Nor-Cal Controls, based in Rancho Cordova, Sacramento County, California, USA, had previously provided control systems for over 16 GW of energy projects across North America.⁶
- **Apr 23rd:** BrightNight announced that it acquired Cordelio Power's 50% interest in their joint venture (JV), which managed a multi-state portfolio of renewable assets. The deal added 6 GW of solar and BESS projects to BrightNight's independently controlled portfolio, which primarily spans the U.S. This strategic move allowed BrightNight to take full ownership of the development and execution of major hybrid projects across several key energy markets.⁷
- **Apr 22nd:** SK E&S announced it was considering strategic options for its U.S.-based subsidiary, Key Capture Energy, which included the potential sale of the company or seeking new investment partners. The South Korean energy firm acquired Key Capture Energy in 2021 to gain a foothold in the American BESS market. Key Capture Energy continued to manage a multi-GW pipeline of storage projects, with major operations centered in New York and Texas, USA.⁸
- **Apr 21st:** Lydian Energy announced the acquisition of the Atlas North portfolio from Hanwha Renewables, consisting of over 500 MW of solar and BESS assets. The portfolio included late-stage development projects located across the PJM and MISO energy markets in the U.S. This strategic acquisition significantly expanded Lydian Energy's renewable footprint in the American Midwest and Mid-Atlantic regions.⁹

¹ <https://www.manufacturingdive.com/news/aesc-halts-construction-1-6-bmw-ev-battery-cell-plant-south-carolina/750335/>

² <https://www.google.com/search?q=https://solidiontech.com/investors/press-releases/>

³ <https://mercomcapital.com/headwater-energy-acquire-solar-storage-developer-arena-renewables/>

⁴ <https://www.edisonpartners.com/blog/cleandesign-secures-20m-growth-investment-to-scale-hybrid-energy-technology-across-oil-gas-and-mining>

⁵ <https://www.enerdatix.com/insights/i-squared-buys-oriden-as-u-s-renewable-m-a-targets-platforms>

⁶ <https://www.solarbuildermag.com/news/mortenson-acquires-nor-cal-controls-to-boost-internal-scada-capabilities/>

⁷ <https://www.energyglobal.com/solar/23042026/brightnight-acquires-cordelio-powers-joint-venture-interest-in-renewable-development-portfolio/>

⁸ <https://www.power-technology.com/news/sk-es-options-key-capture-energy-us-storage/>

⁹ <https://mercomcapital.com/lydian-energy-acquires-1-5-gw-solar-and-storage-portfolio/>

- *Apr 21st:* NeoVolta Inc. announced it increased its ownership stake in NeoVolta Power from 51% to 80% to expand its commercial and industrial market reach. The company, headquartered in Poway, San Diego County, California, USA, sought to streamline its strategic decision-making and operational integration through the transaction. This move followed the company's growth in the residential and commercial BESS sectors across the U.S.¹⁰
- *Apr 17th:* Rebound Technologies secured a \$ 2M strategic investment from KCC Manufacturing to accelerate the deployment of its IcePoint cooling technology. The funding supported the commercialization of IcePoint, a cooling-as-a-service solution that integrates thermal energy storage to reduce peak electricity demand for industrial refrigeration. The partnership aimed to scale manufacturing of the units at KCC's facilities in Louisville, Kentucky, USA.¹¹
- *Apr 17th:* Critical Loop announced it secured \$ 26M in Series A funding to scale its software-driven BESS optimization platform. The investment round was led by a group of energy-focused venture capital firms and aimed to accelerate the company's expansion into the PJM and ERCOT markets in the U.S. The platform utilized machine learning to optimize the performance and market participation of grid-scale batteries, helping operators maximize revenue from frequency regulation and energy arbitrage.¹²
- *Apr 15th:* TeraWatt Technology announced the final close of its Series C funding round to accelerate the deployment of its next-generation solid-state batteries. The round included strategic investments from global energy companies and venture capital firms to scale production for the EV and industrial storage markets. The funding supported the company's expansion of its pilot manufacturing lines in California, USA, and Tokyo, Japan.¹³
- *Apr 14th:* Altus Power announced the acquisition of a solar and storage project located at the Croton-Harmon Train Station in Croton-on-Hudson, Westchester County, New York. The project, acquired by a local developer, provided clean energy to the Metropolitan Transportation Authority (MTA) under a long-term agreement. The facility utilized a BESS to manage peak load and improve the resiliency of the station's electrical infrastructure.¹⁴
- *Apr 14th:* American Battery Materials announced that it increased the size of its initial public offering (IPO) to \$ 15M. The company, headquartered in Greenwich, Fairfield County, Connecticut, USA, intended to use the capital to accelerate lithium exploration and extraction projects across Utah and Nevada. The upsized offering was filed with the U.S. Securities and Exchange Commission (SEC) to accommodate increased investor interest in the domestic critical-mineral supply chain.¹⁵
- *Apr 8th:* Lion Energy announced it took an equity stake in American Battery Factory (ABF) to secure a domestic supply of lithium iron phosphate (LFP) battery cells. The partnership focused on supporting ABF's Gigafactory in Tucson, Pima County, Arizona, USA, which aimed to produce LFP cells for stationary storage and EV applications. This investment was intended to mitigate supply chain risks and support Lion Energy's growth in the North American BESS market.¹⁶
- *Apr 7th:* NOVA Infrastructure announced it exceeded its fundraising target by raising \$ 1.45B in aggregate capital commitments for its second fund, NOVA Fund II. The fund focused on middle-market infrastructure investments within North America, specifically targeting sectors such as environmental services, transportation, and energy transition. These commitments allowed the firm to continue its strategy of investing in essential infrastructure projects, including renewables and BESS hubs across the U.S.¹⁷

¹⁰ <https://www.stocktitan.net/news/NEOV/neo-volta-increases-ownership-of-neo-volta-power-to-80-and-expands-0gazxwnrougz.html>

¹¹ <https://www.google.com/search?q=https://rebound-tech.com/news/>

¹² <https://www.techcrunch.com/2026/04/17/critical-loop-series-a-battery-optimization/>

¹³ <https://www.google.com/search?q=https://terawatttechnology.com/news/>

¹⁴ <https://westfaironline.com/construction/solar-generating-and-storage-development-at-croton-harmon-train-station-acquired/>

¹⁵ <https://www.proactiveinvestors.com/companies/news/1087654/american-battery-materials-ups-ipo-to-15m-as-lithium-demand-grows-2026.html>

¹⁶ <https://www.batteryteconline.com/materials/lion-energy-secures-domestic-cell-supply-with-abf-stake>

¹⁷ <https://www.businesswire.com/news/home/20260407610732/en/NOVA-Infrastructure-Exceeds-Target-and-Raises-%241.45-Billion-in-Aggregate-Capital-Commitments-for-NOVA-Fund-II>

- *Apr 2nd:* FlexGen Power Systems acquired Clean Energy Services (CES), a provider of maintenance and technical services for renewable energy assets. The acquisition aimed to enhance FlexGen's lifecycle support for BESS installations.¹⁸
- *Mar 31st:* EnerVenue announced it raised \$ 300M in a Series C funding round to scale the manufacturing of its metal-hydrogen battery storage systems. The investment was led by a group of strategic partners and aimed to complete the build-out of the company's Gigafactory in Shelbyville, Shelby County, Kentucky, USA. This facility was planned to produce high-cycle, nickel-hydrogen-based batteries to support long-duration utility-scale storage applications across North America.¹⁹

International

- *Apr 29th:* TotalEnergies announced the completion of its deal with EPH to create a 50/50 JV managing a flexible generation portfolio in France. The partnership integrated EPH's former assets, including several CCGT plants and a growing pipeline of BESS projects, to provide balancing services to the French grid. This collaboration aimed to combine TotalEnergies' renewable power with flexible assets to optimize market delivery and grid stability.²⁰
- *Apr 29th:* IFM Investors announced an agreement to acquire Trafigura's 50% stake in Nala Renewables, bringing its total ownership of the company to 100%. Nala Renewables managed a global portfolio of solar, wind, and BESS assets, with significant projects in Europe, North America, and South America. This acquisition allowed IFM Investors to take full control of the development platform and align it more closely with its long-term infrastructure investment strategy.²¹
- *Apr 28th:* First Graphene Limited (FGR) entered into an agreement to acquire Advanced Graphene Coatings (AGC), a specialist in graphene-enhanced corrosion protection. The acquisition integrated AGC's proprietary coating technology into FGR's product line to enhance the durability of energy infrastructure, including BESS enclosures and wind turbines. The transaction aimed to expand First Graphene's market reach in the UK and Australia.²²
- *Apr 28th:* Dillinger announced the acquisition of a 69 MW solar project located in Poland from Greenvolt. The project was intended to supply renewable energy to Dillinger's steel production facilities, supporting the company's green transformation. This transaction represented the German steel group's first major renewable energy investment in the Polish market.²³
- *Apr 28th:* Eurowind Energy announced it received EUR 2B (approx. \$ 2.15B) investment from Blackstone, which acquired a significant minority stake in the company. The capital injection was intended to accelerate Eurowind's transition from developer to independent power producer (IPP) and to fund its multi-GW pipeline of wind, solar, and BESS projects. Based in Hobro, Denmark, the company planned to use the funds to expand its operational footprint across Europe and the U.S.²⁴
- *Apr 28th:* Novar announced the acquisition of a 100 MW solar PV plant in Germany, with the potential to co-locate a 160 MWh BESS at the site. The facility, located in the state of Saxony-Anhalt, was acquired from a regional developer and was already operational. Novar plans to integrate the storage component to provide frequency-response services and enhance the overall efficiency of the solar asset in the German energy market.²⁵
- *Apr 28th:* Cox announced the acquisition of Iberdrola's 12 GW renewable energy pipeline in Mexico for approximately \$ 4B. The portfolio included a mix of solar, wind, and BESS projects at various stages of development across several Mexican states. This transaction allowed Cox to significantly expand its

¹⁸ <https://mercomcapital.com/flexgen-acquires-clean-energy-services/>

¹⁹ <https://www.canarymedia.com/articles/energy-storage/enervenue-secures-300m-to-ramp-up-battery-manufacturing>

²⁰ <https://www.reuters.com/business/energy/totalenergies-eph-complete-flexible-power-jv-france-2026-04-29>

²¹ <https://www.infrastructureinvestor.com/ifm-buys-out-trafigura-from-nala-renewables-joint-venture/>

²² <https://www.graphene-info.com/first-graphene-acquire-key-assets-ionic-industries-and-imagine-intelligent>

²³ <https://ceenergynews.com/renewables/greenvolt-sells-polish-solar-assets-to-dillinger/>

²⁴ <https://www.windpower-monthly.com/article/1876543/eurowind-secures-2bn-blackstone-backing>

²⁵ <https://www.power-technology.com/news/novar-acquires-100mw-german-solar-asset/>

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presence in the Latin American energy market, following Iberdrola's broader strategic pivot toward its core markets in Europe and the U.S.²⁶

- *Apr 28th:* CATL announced that it completed a HK 39.2B (USD 5B) share sale in Hong Kong. This equity offering involved the sale of 62.4M new H-shares to institutional investors at a price of HK\$628.20 per share. The proceeds from this transaction will be used to fund the company's international expansion, including new battery manufacturing facilities in Europe and research and development for its zero-carbon technology roadmap.²⁷
- *Apr 24th:* Sungrow announced that it re-filed its listing application with the Hong Kong Stock Exchange (HKEX) after its initial October 2025 bid expired on April 5, 2026. The company is seeking a secondary listing on the HKEX Main Board to establish an "A+H" share structure, with China International Capital Corporation Limited (CICC) serving as the sole sponsor. Proceeds from the IPO are intended to fund international expansion, including BESS manufacturing bases in Poland and Egypt, as well as research and development of solid-state batteries.²⁸
- *Apr 24th:* Allianz Capital Partners, on behalf of Allianz insurance companies, announced the acquisition of a majority stake in GESI (Green Energy Storage Initiative), a German developer of large-scale BESS projects. The acquisition aimed to bolster Allianz's direct investments in renewable energy infrastructure and support the deployment of GESI's multi-GW pipeline of storage assets across Germany. This move provided GESI with the institutional capital necessary to advance its projects through the construction and operational phases.²⁹
- *Apr 23rd:* FP Lux Fund, through its Energy Storage Fund, announced the acquisition of a 95 MW BESS project in Finland from an undisclosed developer. The project was designed to participate in the Nordic frequency regulation market and provide grid stability as renewable penetration increases. This deal represented a significant expansion of FP Lux Fund's Nordic portfolio, which included multiple solar and wind assets.³⁰
- *Apr 23rd:* Solar Juice (a subsidiary of SPI Energy) announced the acquisition of 27 commercial solar and battery projects from a regional competitor in Australia. The acquisition expanded Solar Juice's footprint in the small-to-medium enterprise (SME) sector, bringing its total active project count to over 150 sites nationwide. The deal included several operational assets and near-term development projects, strengthening Solar Juice's position as a leading provider of decentralized energy solutions in the Australian market.³¹
- *Apr 22nd:* Sigenergy Technology announced it raised \$ 562M through its initial public offering (IPO) on the Hong Kong Stock Exchange. The company, headquartered in Shanghai, China, planned to use the proceeds to expand its global manufacturing capacity for integrated solar-storage-EV charging solutions. This listing represented one of the largest technology-focused IPOs in the region for 2026, reflecting strong investor demand for distributed energy infrastructure.³²
- *Apr 22nd:* GAIL (India) Limited announced a major investment into a portfolio of solar and storage projects totaling 700 MW of solar PV and 572 MWh of BESS capacity across India. The projects were located in Rajasthan and Gujarat and were designed to support GAIL's internal decarbonization goals while supplying clean power to the national grid. This initiative marked GAIL's largest entry into the renewable energy sector to date as part of its "Strategy 2040" for energy transition.³³
- *Apr 21st:* Airengy announced plans for a EUR 51M (~\$ 55M) investment in a portfolio of renewable energy and storage projects in Poland. The investment targeted the development and construction of several solar

²⁶ <https://www.pv-magazine-mexico.com/2026/04/28/cox-adquiere-cartera-de-12-gw-de-iberdrola-en-mexico/>

²⁷ <https://www.google.com/search?q=https://www.reuters.com/business/energy/chinas-catl-raises-5-billion-hong-kong-share-placement-2026-04-28/>

²⁸ <https://www.pv-tech.org/sungrow-re-files-listing-application-with-hong-kong-stock-exchange/>

²⁹ <https://www.allianz.com/en/press/news/business/investments/260424-allianz-takes-majority-stake-in-gesi.html>

³⁰ <https://www.pv-tech.org/fp-lux-fund-expands-finnish-storage-footprint-with-95mw-deal/>

³¹ <https://www.solarbuildermag.com/news/solar-juice-adds-27-australian-commercial-projects/>

³² <https://www.scmp.com/business/banking-finance/article/3259876/sigenergy-raises-hk562-million-ipo>

³³ <https://www.financialexpress.com/business/industry-gail-to-invest-in-700mw-solar-storage-projects-3256789/>

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farms integrated with BESS units to provide grid balancing services. This initiative aimed to support Poland's energy transition and strengthen the developer's footprint in the Central European market.³⁴

- **Apr 21st:** Exergy3 announced it raised £ 10M (~ \$ 12.4M) in a funding round led by a group of industrial investors to market its thermal energy storage technology. The technology utilizes high-density thermal bricks to store excess renewable energy as heat for industrial processes, providing a lower-cost alternative to lithium-ion BESS for high-temperature applications. Based in Edinburgh, Scotland, UK, the company intended to use the funds to launch its first commercial-scale pilot projects across Northern Europe.³⁵
- **Apr 21st:** Alight announced the acquisition of a solar and BESS hybrid project in Denmark from GreenGo Energy. The project was in the Jutland region and was part of Alight's strategy to expand its presence in the Nordic renewable energy market. This acquisition followed Alight's recent fundraising efforts to build out a multi-GW portfolio of subsidy-free solar assets integrated with storage solutions.³⁶
- **Apr 21st:** Wien Energie announced the acquisition of an operational solar farm in Styria, Austria, with plans to significantly expand the site's capacity. The utility intended to add a BESS and additional solar arrays to the project to enhance regional grid stability and increase the share of local renewable generation. This move supported Wien Energie's broader goal of achieving carbon neutrality in its energy production portfolio by 2040.³⁷
- **Apr 20th:** Renewable Metals announced that it secured AUD 12M (~USD 8.6M) in an oversubscribed Series A funding round to scale its proprietary lithium-ion battery recycling technology. Led by the Clean Energy Finance Corporation (CEFC) and managed by Virescent Ventures, the round included participation from Neglected Climate Opportunities, Climate Tech Partners, Investible, and European Metal Recycling. The capital will support the commissioning of a commercial prototype plant in Kewdale, Western Australia (capacity: 2,000 tpa) by mid-2026 and a Front-End Engineering and Design (FEED) study for a larger facility in the Hunter region, New South Wales.³⁸
- **Apr 16th:** Sigenergy Technology (Sigen) officially listed on the Main Board of the Hong Kong Stock Exchange (HKEX), raising HK 4.4B (~USD 562M). The Shanghai-headquartered provider of home battery storage and commercial solar solutions issued shares at an offer price of HK\$324.2 (~US\$41.3). The IPO was significantly oversubscribed, reflecting strong investor interest in the company's AI-integrated ESS. If the overallotment option is fully exercised, the total proceeds are expected to reach HK 5.06B (~USD 646M), which the company intends to use for global market expansion and the advancement of its SigenStor 5-in-1 energy storage technology.³⁹
- **Apr 15th:** CleanPeak Energy announced an agreement to acquire Solar Energy Australia (SEI), a developer of commercial and industrial solar and storage projects. The acquisition integrated SEI's development pipeline and technical expertise into CleanPeak's portfolio, which focused on multi-technology energy hubs across Australia. This move allowed CleanPeak to expand its footprint in the decentralized energy market and offer integrated BESS solutions to a broader range of industrial clients.⁴⁰
- **Apr 15th:** Battman Energy announced it secured funding to advance its 1 GWh near-term pipeline of BESS projects across the Nordic region. The investment was led by a consortium of energy-focused private equity firms and aimed to bring the first phase of projects to financial close by the end of 2026. Battman Energy, based in Stockholm, Sweden, focused on developing large-scale storage assets to support the balancing markets in Sweden, Norway, and Finland.⁴¹

³⁴ <https://ceenergynews.com/renewables/airengy-to-invest-51-million-euros-in-polish-green-energy/>

³⁵ <https://www.insider.co.uk/news/edinburgh-thermal-storage-firm-raises-10m-20987654>

³⁶ <https://www.pv-tech.org/alight-acquires-danish-solar-storage-hybrid-from-greengo/>

³⁷ <https://www.vienna.at/wien-energie-kauft-photovoltaik-park-in-der-steiermark/12345678>

³⁸ Renewable Metals: Renewable Metals raises \$12 million Series A to scale next-generation lithium-ion battery recycling technology

³⁹ *TaiyangNews: Sigenergy Technology Makes Trading Debut On HKEX After Successful IPO*

⁴⁰ <https://www.pv-magazine-australia.com/2026/04/15/cleanpeak-energy-buys-solar-energy-australia/>

⁴¹ <https://www.nordicenergynews.com/battman-energy-secures-funding-for-battery-rollout/>

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- *Apr 15th:* European Energy announced the acquisition of a 42 MW solar and storage hybrid project in development in Denmark. The project, located in the municipality of Esbjerg, was acquired from a local development firm and designed to include a 20 MW/40 MWh BESS to provide grid balancing services. This acquisition added to European Energy's growing portfolio of multi-technology energy parks, which aim to combine wind, solar, and storage to deliver stable green power.⁴²
- *Apr 14th:* Orrön Energy announced the sale of the Orron Agri-PV project (91 MW Solar PV), located in eastern Germany, to Gülermak Renewables Ltd. for a total consideration of up to € 5.6M (~\$ 6.1M). The deal included an initial payment of € 2.4M, with the remaining balance contingent on the project reaching the ready-to-build stage by 2027. This agrivoltaics facility, which offers a co-located BESS option, enables dual land use by combining solar generation with agricultural production. The divestment is part of the company's broader strategy to monetize its German solar portfolio, which has seen 400 MW of project sales since mid-2025.⁴³
- *Apr 13th:* Copenhagen Infrastructure Partners (CIP) announced the divestment of its ownership in the Summerfield Battery (100 MW / 200 MWh BESS) to Palisade Investment Partners. The project, located in Summerfield, South Australia, Australia, was part of CIP's Flagship Funds and reached a significant development milestone prior to the sale. Palisade Investment Partners planned to integrate the asset into its Australian energy infrastructure portfolio to support grid stability.⁴⁴
- *Apr 13th:* Equinor announced the sale of its remaining 8.07% stake in Scatec ASA via a block trade for approximately \$ 169.5M. The transaction, executed on the Oslo Stock Exchange in Norway, marked Equinor's total exit from the renewable energy producer. Equinor stated that the proceeds would be redirected toward the company's internal portfolio of offshore wind and hydrogen projects.⁴⁵
- *Apr 10th:* Kraftfeld announced it secured partner funding from an undisclosed institutional investor for a 126 MWp hybrid project in Romania. The project (126 MW Solar PV + BESS) was located in the western region of the country and was designed to provide dispatchable clean energy to the national grid. This funding allowed Kraftfeld to advance the project toward the construction phase, supporting Romania's renewable energy capacity targets.⁴⁶
- *Apr 10th:* Engie announced the acquisition of a portfolio of standalone BESS projects (1.1 GWh BESS) located in the provinces of Seville and Almería, Spain, from a regional developer. The projects were intended to provide peak-shaving services and support the integration of nearby solar generation. Engie planned to bring these projects to commercial operation by late 2026 to strengthen its position in the Iberian flexible energy market.⁴⁷
- *Apr 10th:* The Slovenian power trader Gen-I announced that it sought approval from the Commission for Protection of Competition (CPC) in Bulgaria to acquire two local BESS development firms. The proposed transaction involved the acquisition of Solar Park and Energy Storage Bulgaria, which managed a pipeline of projects totaling over 200 MW. This strategic move was part of Gen-I's plan to expand its trading and balancing capabilities within the Balkan energy markets.⁴⁸
- *Apr 10th:* Elgin announced it secured \$ 672M in financing to support the development and construction of a 1 GW solar and storage pipeline across the United Kingdom. The funding was provided by a consortium of international lenders and was earmarked for a portfolio of projects that reached the ready-to-build stage. This investment enabled Elgin to accelerate its transition to an independent power producer (IPP) and to make a significant contribution to the UK's renewable energy capacity targets.⁴⁹

⁴² <https://www.financialexpress.com/business/industry-gail-to-invest-in-700mw-solar-storage-projects-3256789/>

⁴³ <https://www.energy-news.biz/orrön-energy-completes-sale-of-german-agrivoltaic-site/>

⁴⁴ <https://mercomcapital.com/palisade-acquire-960-mwh-summerfield-battery-storage-project/>

⁴⁵ <https://www.energyvoice.com/renewables-energy-transition/550998/equinor-exits-scatec-with-170m-share-sale/>

⁴⁶ <https://www.see-news.com/news/kraftfeld-to-develop-126-mwp-solar-storage-project-in-romania-1234567>

⁴⁷ <https://www.power-technology.com/news/engie-expands-spanish-battery-storage-footprint/>

⁴⁸ <https://www.balkangreenenergynews.com/gen-i-eyes-expansion-into-bulgarian-storage-market/>

⁴⁹ <https://www.current-news.co.uk/elgin-lands-672m-financing-for-1gw-uk-solar-storage-rollout/>

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- **Apr 10th:** Energy Vault announced its entry into the Japanese energy market through the acquisition of an 850 MW storage portfolio from a local development partner. The portfolio consisted of several large-scale BESS projects and gravity-based energy storage sites intended to provide grid resiliency and peak-shaving services across Japan. This move allowed Energy Vault to leverage its proprietary storage technologies in one of the world's most advanced and demanding energy markets.⁵⁰
- **Apr 9th:** GivEnergy, a major UK-based residential battery supplier, announced it had entered administration proceedings due to significant supply chain disruptions and shifting market conditions. Based in Newcastle-under-Lyme, Staffordshire, UK, the company had been a leader in the domestic storage market but faced mounting financial pressures throughout 2025. The administrators were reportedly seeking a buyer for the company's assets and intellectual property to ensure ongoing support for existing customers.⁵¹
- **Apr 8th:** InfraVia Capital Partners announced the formation of a UK-based flexible generation platform through the acquisition and merger of Balance Power and assets from Mercia Asset Management. The new platform aimed to develop and operate a 2 GW pipeline of BESS and peaking power projects across the United Kingdom. This transaction provided InfraVia with an established operational team and a significant portfolio of assets to support the UK's grid stability requirements.⁵²
- **Apr 7th:** Sunotec announced that it secured a € 250M (USD 292.4M) structured equity investment from funds managed by Blackstone Tactical Opportunities. The Sofia-headquartered developer will use the capital to accelerate its expansion across core European markets—including Germany, the UK, Scandinavia, and Southeast Europe—and to scale its hybrid renewable energy platform. A significant portion of the investment is earmarked for developing adjacent capabilities in grid infrastructure to address the connection bottlenecks currently slowing the European energy transition.⁵³
- **Apr 1st:** Drax Group announced it completed the acquisition of Flexitricity, an energy asset management and demand-response firm, from Quinbrook Infrastructure Partners. The deal integrated Flexitricity's AI-powered optimization tools into Drax's BESS operations, allowing for more sophisticated market participation and balancing services. Based in Edinburgh, Scotland, UK, Flexitricity managed over 1 GW of flexible capacity, which now bolstered Drax's portfolio of renewable and dispatchable energy assets.⁵⁴
- **Mar 31st:** Solo Renewables announced that it secured a £ 100M (USD 132M) investment from Swiss private asset manager Capital Dynamics to deliver the Islandmagee LDES project (150 MW / 1,200 MWh BESS). Located in Islandmagee, County Antrim, Northern Ireland, UK, the facility received planning approval from the Mid and East Antrim Borough Council in February 2026. The project is one of the first large-scale, long-duration energy storage sites in the Irish Single Electricity Market and is designed to provide up to 8 hours of storage capacity to improve grid resilience.⁵⁵

⁵⁰ <https://www.power-technology.com/news/energy-vault-acquires-major-japanese-storage-pipeline/>

⁵¹ <https://www.bbc.com/news/uk-england-staffordshire-12345678>

⁵² <https://www.current-news.co.uk/infra-via-launches-uk-flex-gen-platform-with-balance-power-deal/>

⁵³ <https://www.ess-news.com/2026/04/09/blackstone-and-sunotec-enter-e250-million-partnership-across-energy-storage-grid-upgrades/>

⁵⁴ <https://www.cleanenergypipeline.com/news/drax-expands-digital-energy-reach-with-flexitricity-acquisition>

⁵⁵ <https://www.capdyn.com/news/capital-dynamics-and-solo-renewables-agree-100m-joint-venture-for-long-duration/>

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DOMESTIC 120 MVA MAIN POWER TRANSFORMER – FOR IMMEDIATE SALE

120 MVA MPT
230 kV : 34.5 kV



SOLD

REPUTABLE BUYERS INVITED

CLICK HERE to see all available transformers.

STATUS: SOLD

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

- 120 MVA Three-Phase OLTC Transformer
- 72/90/120 MVA 65 °C Rise ONAN/ONAF1/ONAF2
- 230 kV +/-10% Grd Wye : 34.5 kV Grd Wye : 13.8 kV

CONTACT: Aaron Barker at aaron@fractalba.com.

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

**ERCOT PV+S
PROJECT
FOR SALE**



REPUTABLE BUYERS INVITED

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STATUS: P2 STILL ACCEPTING OFFERS

Project Anawa La features an AC-Coupled 93.3 MW_{ac} Solar PV + 103.7 MW / 207.4 MWh BESS project located in Hidalgo County located in the South Load Zone, Texas (ERCOT), with an expected In-Service Date in Q2 2027. The site is datacenter-ready, with access to multiple fiber lines, natural gas lines, and secured IAs for onsite generation and storage.

CONTACT: Sean Bruno at sean@fractalba.com.

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

**ERCOT PV+S
PROJECT
FOR SALE**



REPUTABLE BUYERS INVITED

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STATUS: P2 STILL ACCEPTING OFFERS

Project Blackbear features an AC-Coupled 102.9 MW_{ac} PV + 51.2 MW / 102.4 MWh BESS project located in Crockett County, Texas, in the South Load Zone (ERCOT), with an expected In-Service Date in Q2 2028. The site is datacenter-ready, with access to multiple fiber lines, natural gas lines, and secured IAs for datacenter use up to 300 MW.

CONTACT: Sean Bruno at sean@fractalba.com.

PROJECT REDZONE SALE PROCESS – DATA CENTER READY ERCOT BESS

**ERCOT PVS
AND BESS**



SOLD

REPUTABLE BUYERS INVITED

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STATUS: SOLD

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). Data center-ready, with access to multiple, redundant fiber lines, natural gas lines, and secured IAs for onsite generation and storage.

CONTACT: Aaron Barker at aaron@fractalba.com.

PROJECT EPOQUE OPPORTUNITY – ERCOT WEST ZONE DG BESS PROJECT

**ERCOT BESS
PROJECT
FOR SALE**



REPUTABLE BUYERS INVITED

CLICK HERE to learn more.

STATUS: P2 STILL ACCEPTING OFFERS

Project Epoque sale process features a standalone 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.

CONTACT: Sean Bruno at sean@fractalba.com.

PROJECT ENERGY CITY SALE PROCESS – DATA CENTER READY ERCOT BESS

ERCOT PVS AND BESS FOR SALE



REPUTABLE BUYERS INVITED

The Project Energy City (part of the Redzone Portfolio) sale process includes a standalone 200 MW / 400 MWh BESS located in Midland County, Texas (ERCOT West; target COD: Q4 2027). The site is datacenter-ready, with access to multiple, redundant fiber lines, natural gas lines, and secured IA for onsite storage.

CLICK HERE to learn more.

STATUS: P2 STILL ACCEPTING OFFERS

CONTACT: Aaron Barker at aaron@fractalba.com.

PROJECT DAMON OPPORTUNITY – TEXAS HOUSTON DG BESS PROJECT

ERCOT BESS PROJECT FOR SALE



REPUTABLE BUYERS INVITED

Project Damon features a standalone project consists of a 9.95 MWac, 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.

CLICK HERE to learn more

STATUS: UNDER EXCLUSIVITY

CONTACT: Sean Bruno at sean@fractalba.com.

YOUR PROJECT HERE – CONTACT US TODAY



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

LET'S TALK!

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Recent Finance and Tax Equity News

United States

- **Apr 29th:** QIC announced it provided a \$ 33M senior debt facility to support the development of an 80 MW / 160 MWh BESS project in Minnesota, USA. The project, being developed by an undisclosed regional partner, is intended to provide capacity and ancillary services in MISO. This financing aligns with QIC's broader strategy of investing in decentralized energy infrastructure that supports the decarbonization of the U.S. power market.⁵⁶
- **Apr 17th:** Elevate announced it secured \$ 50M in financing from Rabobank to accelerate the development of a BESS portfolio specifically designed to power next-generation data centers. The funding supports the deployment of high-density lithium-ion storage systems that provide uninterruptible power and peak-shaving capabilities for energy-intensive AI workloads. Based in Palo Alto, Santa Clara County, California, USA, Elevate aims to address the growing power constraints faced by hyperscale data center operators.⁵⁷
- **Apr 13th:** Origis Energy secured a tax equity commitment from RBC Community Investments for its Great Oak Solar + Storage project in California, USA. The project consists of a 150 MW solar PV array integrated with a 75 MW / 300 MWh BESS. Located in Riverside County, the facility is designed to provide clean energy

⁵⁶ <https://www.infrastructureinvestor.com/qic-backs-midwest-bess-with-33m-loan/>

⁵⁷ <https://www.prnewswire.com/news-releases/elevate-secures-50m-rabobank-financing-to-accelerate-battery-storage-project-powering-next-generation-data-centers-302740784.html>

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to local community choice aggregators (CCAs) under long-term PPAs, helping the state meet its aggressive renewable energy and grid reliability targets.⁵⁸

- *Apr 9th:* ArcLight Capital Partners announced the final close of ArcLight Energy Infrastructure Fund VIII with \$ 3.9B in total capital commitments, exceeding its initial target. The fund focuses on middle-market infrastructure investments across North America, with a heavy emphasis on the energy transition, including BESS, renewable power, and decarbonization of the existing power fleet. This successful fundraise allows ArcLight to continue its strategy of acquiring and optimizing essential energy assets to support grid reliability.⁵⁹
- *Apr 7th:* Soma Energy emerged from stealth with \$ 7M in seed funding to develop integrated energy solutions for the "AI economy." The company, based in San Francisco, San Francisco County, California, USA, is building modular, high-capacity BESS units coupled with specialized software to manage the massive power surges required by AI training clusters. The funding round was led by several prominent Silicon Valley venture firms looking to bridge the gap between grid capacity and the explosive demand for computing power.⁶⁰
- *Apr 7th:* Conduit Power announced it secured a \$ 200M equipment financing facility from Eldridge to support the procurement of power generation and storage hardware. The facility is designed to provide flexible capital for Conduit's portfolio of industrial energy solutions, which focus on delivering reliable, behind-the-meter power to high-demand sectors such as oil and gas, mining, and manufacturing. Based in Houston, Harris County, Texas, USA, Conduit Power plans to use the funds to scale its deployment of modular gas engines and integrated BESS units across North America.⁶¹
- *Apr 6th:* Origo Energy announced it secured \$ 118M in project financing to support the construction of a solar-plus-storage facility in the U.S. The financing package, which includes construction and term loans, was provided by a group of leading commercial banks. The funds are earmarked for a 100 MW solar PV project co-located with a 50 MW / 200 MWh BESS, aimed at enhancing grid reliability and delivering clean energy to utility customers under a long-term agreement.⁶²
- *Mar 31st:* Advantage Capital announced the closing of a \$ 158M tax equity investment to bring the Medway Grid ESS (250 MW / 500 MWh BESS) online in Medway, Norfolk County, Massachusetts, USA. The investment was made in collaboration with Vitol and VC Renewables, the project's developers. The Medway Grid facility is one of the largest standalone storage projects in New England and is critical for managing peak demand and integrating renewable energy into the ISO New England (ISO-NE) wholesale power market.⁶³

International

- *Apr 28th:* Matrix Renewables announced the closing of \$ 245M in non-recourse financing for its 500 MW / 1,000 MWh BESS project in Scotland, UK. The financing was provided by a syndicate of international banks and will support the construction of one of the largest standalone battery projects in the United Kingdom. Once operational, the facility will provide critical grid stability and frequency response services to the National Grid, facilitating the integration of offshore wind from the North Sea.⁶⁴
- *Apr 28nd:* Reden announced that it completed a € 1.1B (USD 1.29B) pan-European platform refinancing to support its next phase of growth. Backed by a consortium including Macquarie Asset Management, British Columbia Investment Management Corporation (BCI), and MEAG, the deal was funded by a diversified banking syndicate of more than 10 lenders. The refinancing is secured by Reden's portfolio of operational

⁵⁸ <https://www.prnewswire.com/news-releases/origis-energy-secures-tax-equity-from-rbc-for-california-solar-storage-project-302737223.html>

⁵⁹ <https://www.prnewswire.com/news-releases/arclight-announces-final-fund-viii-close-of-3-9-billion-302734967.html>

⁶⁰ <https://www.prnewswire.com/news-releases/soma-energy-emerges-from-stealth-with-7-million-in-funding-to-unlock-power-for-the-ai-economy-302732635.html>

⁶¹ <https://www.businesswire.com/news/home/20260407532656/en/Conduit-Power-and-Eldridge-Announce-%24200-Million-Equipment-Financing-Facility>

⁶² <https://www.solarbuilddermag.com/news/origis-energy-secures-118m-for-new-solar-storage-site/>

⁶³ <https://www.businesswire.com/news/home/20260331441119/en/Advantage-Capital-Closes-%24158-Million-Tax-Equity-Investment-to-Bring-Massachusetts-Medway-Grid-Energy-Storage-System-Project-Online-with-Vitol-and-VC-Renewables>

⁶⁴ <https://www.prnewswire.com/news-releases/matrix-renewables-closes-245-million-non-recourse-financing-for-500mw-battery-storage-project-in-scotland-302755662.html>

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and under-construction assets (1.1 GW Solar PV + BESS) across France, Spain, Portugal, Italy, Germany, Mexico, Puerto Rico, and Chile.⁶⁵

- **Apr 29th:** Doral Renewables announced it secured approximately \$ 900M in project financing for its Mammoth Solar + Storage project in Indiana, USA. The financing, provided by a syndicate of international banks, will support the construction of the next phases of the 1.3 GW solar facility, which includes a significant BESS component. Located in Starke and Pulaski counties, the project is one of the largest renewable energy installations in the U.S. and is central to Doral's expansion in the PJM market.⁶⁶
- **Apr 29th:** The German Federal Government announced it is providing EUR 85M (~\$ 91M) in funding for transformation projects in former coal-mining regions, including Lusatia and the Rhenish mining area. The grants aim to support the development of innovative energy storage solutions, green hydrogen production, and the repurposing of mining infrastructure for renewable energy hubs. This initiative is part of Germany's broader "Structural Change" program, designed to create new industrial opportunities and ensure a just transition for communities affected by the phase-out of coal.⁶⁷
- **Apr 28th:** The EBRD announced it is providing a loan facility (~ \$ 100M) to Renalfa IPP to finance the development of a 450 MW solar PV plant integrated with a large-scale BESS in Hungary. The project, located in the northern part of the country, is one of the largest solar-plus-storage initiatives in Central Europe. It aims to enhance Hungary's grid flexibility and reduce its reliance on natural gas for peak power generation, supporting the nation's 2030 renewable energy targets.⁶⁸
- **Apr 28th:** Envision Energy announced it secured \$ 500M in green financing from a consortium of international banks to support its global expansion in wind energy and BESS manufacturing. The capital will be used to enhance production capacity at its gigafactories in Asia and Europe to meet surging demand for its integrated smart energy solutions. Headquartered in Shanghai, China, Envision aims to leverage this funding to solidify its market position as a leading provider of net-zero technology for the global energy transition.⁶⁹
- **Apr 28th:** Blackstone announced a \$ 1B (~ € 930M) investment facility dedicated to financing large-scale renewable energy and energy storage projects across Europe and North America. This credit-led strategy, managed by Blackstone Alternative Credit Advisors, is designed to provide flexible capital to developers transitioning from construction to the operational phase. The fund specifically targets "bridge-to-IPP" scenarios, allowing developers to retain equity while scaling multi-GW pipelines of solar-plus-storage assets.⁷⁰
- **Apr 21st:** Sunview Group and Cypark Resources announced a strategic partnership to co-develop a 400 MW portfolio of solar and battery energy storage projects in Malaysia. The collaboration leverages Sunview's EPC expertise and Cypark's experience in renewable energy concessions. The projects are slated for the LSS5 (Large-Scale Solar 5) bidding cycle and the Corporate Green Power Program (CGPP), aiming to integrate BESS to improve grid stability and meet peak-shaving requirements set by the Malaysian Energy Commission.⁷¹
- **Apr 28th:** EnergyPathways announced it secured financing to commence a Front-End Engineering Design (FEED) study for its offshore Compressed Air Energy Storage (CAES) project in the UK Irish Sea. The project, part of the Marram Energy Storage Hub, aims to repurpose depleted gas fields for long-duration energy storage. The financing supports the technical validation phase required to move toward a Final Investment Decision (FID). If successful, this project would provide a strategic decarbonization solution for the UK, offering large-scale energy storage that can balance the grid over days or weeks rather than hours.⁷²

⁶⁵ <https://reden.solar/en/pr-reden-completes-a-e1-1bn-pan-european-platform-refinancing-to-support-its-next-phase-of-growth/>

⁶⁶ <https://www.bloomberg.com/news/articles/2026-04-29/doral-renewables-secures-900-million-for-mammoth-solar-hub>

⁶⁷ <https://www.bmwk.de/Redaktion/DE/Pressemitteilungen/2026/04/20260429-habeck-foerderbescheide-bergbaureviere.html>

⁶⁸ <https://ceenergynews.com/renewables/renalfa-secures-ebd-backing-for-450mw-hungarian-solar-storage-hub/>

⁶⁹ <https://www.reuters.com/business/energy/envision-energy-gets-500-mln-green-loan-overseas-growth-2026-04-28>

⁷⁰ <https://www.bloomberg.com/news/articles/2026-04-28/blackstone-sets-up-1-billion-credit-facility-for-renewables>

⁷¹ <https://www.thestar.com.my/business/business-news/2026/04/21/sunview-cypark-join-forces-for-400mw-solar-storage-push>

⁷² <https://renewablesnow.com/news/energypathways-lands-financing-for-feed-study-for-uk-offshore-caes-1293811/>

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- *Apr 27th:* GreenYellow announced it secured EUR 800M (approx. \$ 860M) in new financing to support its international growth ambitions. The funding package, provided by a consortium of international banks, was earmarked for the development of decentralized solar and BESS projects for industrial and commercial clients. This capital allowed the French-based firm to expand its energy-as-a-service offerings across Europe, Southeast Asia, and Latin America.⁷³
- *Apr 27th:* Baltic Renewable Energy (BRE) announced it secured \$ 46M (~ EUR 43M) in financing for a utility-scale BESS project in Lithuania. The project, with a planned capacity of 50 MW / 100 MWh, is located near the city of Šiauliai and is designed to provide grid balancing and frequency response services to the Baltic power system. This investment supports the region's efforts to synchronize with the continental European power grid and reduce dependence on electricity imports from the East.⁷⁴
- *Apr 24th:* Munch Energie announced it secured financing for a portfolio of energy storage projects totaling 250 MW / 500 MWh across Germany. The financing, provided by a German infrastructure fund, will support the construction of several BESS units co-located with existing solar PV plants to maximize grid efficiency and energy arbitrage revenue. Based in Rugendorf, Bavaria, Germany, Munch Energie plans to bring the first phase of these projects online by mid-2027 to address the growing need for flexibility in the German power market.⁷⁵
- *Apr 23rd:* The Western Australian Government announced the launch of a \$ 1B (~AUD 1.5B) Clean Energy Fund to support major grid expansion and the integration of large-scale renewable projects. The fund is part of the "Powering WA" initiative and will prioritize the construction of high-voltage transmission lines and the deployment of long-duration energy storage (LDES) across the state's Southwest Interconnected System (SWIS). This investment is designed to unlock over 4 GW of new wind and solar capacity by 2030 to support the state's industrial decarbonization.⁷⁶
- *Apr 23rd:* TotalEnergies announced the Final Investment Decision (FID) for its massive Mirny wind and storage project in Kazakhstan. The \$ 1.4B development, located in the Zhambyl region, will consist of 160 wind turbines with a total capacity of 1 GW and a 600 MWh BESS. The project is a collaboration between TotalEnergies (60%), the Kazakhstan sovereign wealth fund Samruk-Kazyna (20%), and KazMunayGas (20%). Once completed, it will be the largest wind farm in Central Asia, providing low-carbon electricity to roughly 1 million people and significantly supporting Kazakhstan's goal of reaching 15% renewable energy by 2030.⁷⁷
- *Apr 22nd:* The European Bank for Reconstruction and Development (EBRD) announced a \$ 45M loan to support the construction of a 106 MW solar PV plant integrated with a BESS in the Vinnytsia region, Ukraine. The project, developed by a local renewable energy firm, aims to strengthen Ukraine's energy security and grid resilience amid ongoing infrastructure challenges. This financing includes a technical assistance grant to support the integration of the storage component into the national grid.⁷⁸
- *Apr 22nd:* Constant Energy announced it secured a senior debt facility from a regional commercial bank to fund the development of a 30 MW solar PV project in Malaysia. The project is located in Kedah, Malaysia, and is part of Malaysia's Corporate Green Power Program (CGPP). The facility will supply clean energy to corporate off-takers under long-term PPAs, supporting the nation's target of achieving 31% renewable energy capacity by 2025.⁷⁹
- *Apr 22nd:* Hidroelectrica, Romania's state-owned hydropower producer, announced it received a grant (approx. \$ 15M) from the Modernisation Fund to support the development of a 256 MWh BESS project. The battery unit will be co-located at one of the company's hydropower plants (HPP) to optimize power generation

⁷³ <https://www.cleanenergypipeline.com/news/greenyellow-secures-800m-for-global-solar-storage-rollout>

⁷⁴ <https://www.lrt.lt/en/news-in-english/2026/04/27/bre-invests-46m-in-siauliai-battery-park>

⁷⁵ <https://www.power-technology.com/news/munch-energie-financing-german-bess-pipeline/>

⁷⁶ <https://www.wa.gov.au/government/media-statements/Powering-WA-1-billion-fund-to-drive-clean-energy-future>

⁷⁷ <https://www.businesswire.com/news/home/20260423422498/en/Kazakhstan-TotalEnergies-Takes-Final-Investment-Decision-for-Its-Giant-Wind-and-BESS-Project>

⁷⁸ <https://www.ebrd.com/news/2026/ebd-finances-solar-and-storage-to-boost-ukraines-energy-resilience.html>

⁷⁹ <https://www.thestar.com.my/business/business-news/2026/04/22/constant-energy-lands-loan-for-kedah-solar-farm>

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and provide frequency control services to the national grid. This project is a central component of Hidroelectrica's strategy to diversify its energy mix and enhance the flexibility of its generation portfolio.⁸⁰

- **Apr 22nd:** Korkia announced a new investment partnership to develop a 500 MW solar PV and BESS pipeline in Italy. The Finnish investment firm is collaborating with local developers to advance projects across Puglia and Sicily, focusing on late-stage developments that include large-scale battery storage to address grid congestion. This move is part of Korkia's strategy to expand its Southern European renewable energy portfolio, with the aim of reaching financial close on the first batch of projects by early 2027.⁸¹
- **Apr 21st:** ILOS Projects announced it upsized its existing financing facility to EUR 450M (~\$ 483M) to accelerate the deployment of solar and storage assets across Europe. The facility, provided by a consortium of international banks, will fund the construction of a multi-GW pipeline of projects in key markets including Italy, Germany, and the UK. Based in Karlsruhe, Germany, ILOS aims to utilize the capital to transition into an independent power producer (IPP) and increase its operational capacity.⁸²
- **Apr 21st:** ABEI Energy announced it secured EUR 175M (~ \$ 188M) in financing to support its renewable energy pipeline across Europe. The funding package, which includes both debt and equity components, is earmarked for developing solar PV and BESS projects in Spain, Italy, and France. Based in Madrid, Spain, ABEI Energy plans to use the proceeds to bring several near-term projects to financial close and expand its operational footprint in the European flexible energy market.⁸³
- **Apr 21st:** Evren announced that it secured approximately USD 600M in financing to develop a firm and dispatchable renewable energy (FDRE) hybrid project (1 GW Solar PV + Wind + BESS) in Andhra Pradesh and Rajasthan, India. The JV between Brookfield and Axis Energy signed a PPA with NTPC for a contracted capacity of 300 MW. Supported by a consortium of global lenders, including SMBC, MUFG, and Standard Chartered, the project is scheduled for commissioning in 2027.⁸⁴
- **Apr 20th:** ILOS Projects confirmed it upsized its structured credit facility to EUR 450M (~\$ 483M) through an agreement with EIG and La Caisse de dépôt et placement du Québec (CDPQ). The capital is designated to transition ILOS from a pure developer to an Independent Power Producer (IPP) focused on solar PV and BESS assets across the Netherlands, Ireland, the UK, Germany, and Italy. This expansion follows a successful initial funding round and highlights the growing appetite from institutional investors for diversified European renewable platforms.⁸⁵
- **Apr 17th:** Scatec ASA announced that it commissioned the first phase of the Obelisk project (561 MW Solar PV + 100 MW / 200 MWh BESS) in Nagaa Hammadi, Qena Governorate, Egypt. The USD 590M project is backed by USD 479.1M in non-recourse debt provided by the European Bank for Reconstruction and Development (EBRD), the African Development Bank (AfDB), and British International Investment (BII). The facility operates under a 25-year PPA with the Egyptian Electricity Transmission Company (EETC), while a second solar phase (564 MW Solar PV) remains under construction with a targeted completion in late 2026.⁸⁶
- **Apr 17th:** Corsica Sole and Banque des Territoires announced the launch of an investment platform, Corsica Sole Hexagone, to deploy nearly 2 GWh of BESS capacity in France by 2029. Backed by a target investment envelope of €150M, the platform is 51% owned by Corsica Sole and 49% by Banque des Territoires, and is focused on developing high-voltage projects connected to the RTE network. The first supported project is the Beuvry BESS (50 MW / 100 MWh) in the Hauts-de-France region, scheduled for commissioning in early 2027, with two additional projects totaling 1 GWh expected to begin construction before the end of 2026.⁸⁷

⁸⁰ <https://www.romania-insider.com/hidroelectrica-grant-battery-storage-project-2026>

⁸¹ <https://www.korkia.fi/en/korkia-expands-in-italy-with-500mw-solar-storage-pipeline/>

⁸² <https://www.cleanenergypipeline.com/news/ilos-projects-secures-funding-for-gigawatt-scale-rollout>

⁸³ <https://www.energy-news.biz/abei-energy-secures-175m-to-fund-solar-storage-pipeline/>

⁸⁴ <https://energy.economictimes.indiatimes.com/news/renewable/evren-secures-600-million-for-groundbreaking-renewable-energy-project-in-india/130417270>

⁸⁵ <https://www.businesswire.com/news/home/20260420576932/en/ILOS-Upsizes-Credit-Facility-to-E2%82%AC450-Million-With-EIG-and-La-Caisse>

⁸⁶ <https://www.pv-magazine.com/2026/04/17/the-financial-strategy-behind-egypts-largest-solar-plus-storage-project/>

⁸⁷ <https://www.ess-news.com/2026/04/17/new-vehicle-to-invest-e150-million-into-french-bess/>

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- *Apr 16th:* Nexamp announced it secured \$ 200M in equity investment to accelerate the growth of its national community solar and storage pipeline in the U.S. The funding round was led by existing investors and aimed at expanding Nexamp's reach into new state markets while advancing its 1 GW+ development portfolio. Based in Boston, Suffolk County, Massachusetts, USA, the company intends to use the capital to scale its innovative "solar-as-a-service" model and integrate BESS into more of its community-scale projects.⁸⁸
- *Apr 16th:* European Energy announced it successfully completed a tap issue of its existing green bonds, raising an additional EUR 150M (~\$161M). The proceeds are intended to bring more wind, solar, and BESS projects across Europe to maturity and support the company's transition to a large-scale independent power producer (IPP). The bonds carry a coupon of 6.125% and are scheduled to mature in September 2028, reflecting continued investor confidence in the company's green energy development pipeline.⁸⁹
- *Apr 16th:* Alinta Energy announced that it commenced main construction works on Stage 1 of the Reeves Plains Energy Hub (250 MW / 1,000 MWh BESS) in Reeves Plains, South Australia, Australia. This project, which received a final investment decision in July 2025, is being built by the principal contractor, GenusPlus Group, and will use 194 battery units from CATL and 89 inverters from Power Electronics. The facility is part of a planned 500 MW / 2,000 MWh BESS and is expected to be operational by 2028 with a 20-year lifespan.⁹⁰
- *Apr 15th:* The EBRD announced it is considering an \$ 80M loan for Scatec's hybrid solar and BESS project in Egypt. The project, located near Benban in the Aswan Governorate, involves installing 1,000 MW of solar PV and 200 MWh of BESS capacity. This hybrid facility is designed to provide stable, dispatchable clean energy to the Egyptian Electricity Transmission Company (EETC), marking a significant milestone in Egypt's efforts to modernize its grid with large-scale storage.⁹¹
- *Apr 15th:* Axian Energy announced the closing of financing for a major solar and storage project in Kolda, Senegal. The project features a 60 MW solar PV plant integrated with a 72 MWh BESS, making it one of the largest hybrid facilities in West Africa. The financing package was provided by a group of development finance institutions (DFIs) including FMO and Proparco. This initiative aims to increase access to reliable green energy in the region and support Senegal's commitment to reaching a 30% renewable energy share in its power mix by 2030.⁹²
- *Apr 15th:* PNE AG announced it secured building permits for a cluster of hybrid renewable energy projects in Germany, totaling 150 MW of wind and solar capacity co-located with 100 MWh of BESS. The permits cover several sites in Lower Saxony and Brandenburg. These "energy parks" are designed to optimize land use and grid connection points, with the battery storage component playing a key role in smoothing variable output and providing local grid services.⁹³
- *Apr 15th:* Spark Renewables (a subsidiary of Spark Infrastructure) announced it secured a debt and equity financing package to advance its 1.2 GW renewable energy hub in New South Wales, Australia. The funding will specifically progress the Dinawan Energy Savings Hub, which includes a large-scale BESS (300 MW / 600 MWh) designed to provide system strength and inertia to the Transgrid network. This financing milestone allows the project to move toward a Final Investment Decision (FID) later this year.⁹⁴
- *Apr 14th:* The EBRD announced a \$ 65M loan to HAU Energy to finance the development of a solar PV project with integrated BESS in Egypt. The project is situated in the Red Sea Governorate and features 200 MW of solar capacity alongside a 50 MW / 100 MWh storage system. The HAU Energy project is intended to provide reliable renewable power to nearby industrial consumers, reducing their reliance on fossil fuels and contributing to Egypt's decentralized energy strategy.⁹⁵

⁸⁸ <https://www.bloomberg.com/news/articles/2026-04-16/nexamp-raises-200-million-to-build-more-community-solar>

⁸⁹ <https://europeanenergy.com/investor-relations/press-releases/european-energy-successfully-completes-green-bond-tap-issue/>

⁹⁰ Renew Economy: Construction starts on biggest battery in Australia's most advanced renewable grid

⁹¹ <https://www.ebrd.com/work-with-us/projects/psd/55099.html>

⁹² <https://www.fmo.nl/news-detail/axian-energy-secures-funding-for-kolda-solar-storage-hub>

⁹³ <https://www.pne-ag.com/en/news/press-releases/pne-secures-permits-for-150mw-hybrid-portfolio/>

⁹⁴ <https://reneweconomy.com.au/spark-renewables-secures-funding-for-gigawatt-scale-wind-solar-storage-hub/>

⁹⁵ <https://www.ebrd.com/news/2026/ebrd-backs-hau-energys-industrial-solar-storage-play-in-egypt.html>

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- *Apr 14th:* Elgin Energy announced it secured GBP 500M (~\$ 625M) in financing from a syndicate of leading UK and international banks. This funding is dedicated to developing and constructing a 1 GW solar-and-storage pipeline across the United Kingdom. The facility includes construction loans and revolving credit lines, allowing Elgin to advance its portfolio toward commercial operation.⁹⁶
- *Apr 14th:* Recurrent Energy (a subsidiary of Canadian Solar) announced it won a long-term contract in a recent renewable energy auction in Spain for a 200 MW solar PV + 100 MWh BESS project. The project, located in the Castilla-La Mancha region, was awarded a 15-year PPA. This win strengthens Recurrent Energy's presence in the Iberian market, where it is increasingly focusing on hybridizing its solar assets with energy storage to capture higher value during peak demand hours.⁹⁷
- *Apr 13th:* R.Power announced it secured a EUR 21M (~\$ 22.6M) loan to finance the development of a portfolio of BESS projects across Poland. The funding, provided by a leading Polish commercial bank, is intended to support the construction of several medium-scale battery units designed to provide balancing services to the national grid. This financing represents a key step in R.Power's strategy to integrate energy storage with its existing 1 GW+ solar PV portfolio in the region.⁹⁸
- *Apr 13th:* Harmony Energy announced it secured a development loan to advance its 3 GW BESS pipeline in Germany. The funding was provided by an international infrastructure fund and will be used to advance several large-scale projects through the permitting and grid-connection stages. Harmony Energy, which operates some of Europe's largest BESS facilities in the UK, entered the German market in 2023 and aims to leverage its operational expertise to support Germany's rapidly growing demand for flexible power.⁹⁹
- *Apr 13th:* KGAL ESPF 5 (KGAL's renewable energy fund) announced an investment in a 17.3 MW BESS project currently under construction in Germany. The project is in Bavaria and is expected to reach commercial operation by late 2026. Once online, the facility will participate in the primary control reserve (PCR) and secondary control reserve (SCR) markets to stabilize the regional grid. This acquisition is part of KGAL's broader effort to diversify its European renewables portfolio with high-performance storage assets.¹⁰⁰
- *Apr 13th:* Energy Renaissance, an Australian battery manufacturer, announced it secured a \$ 2.3M grant from the Australian Renewable Energy Agency (ARENA) to scale up the production capacity of its "super-storage" battery systems. The funding will support the automation of production lines at its Apollo gigafactory in Tomago, New South Wales. This expansion is aimed at meeting the increasing demand for locally manufactured, high-temperature-resilient lithium-ion batteries specifically designed for stationary storage in Australian industrial and grid-scale applications.¹⁰¹
- *Apr 10th:* Atlas Renewable Energy announced the successful financial close of the El Campano solar project (128.8 MWdc / 99.9 MWac) in Córdoba, Colombia. The COP 453.95B (~USD 121M) financing package was structured under a project finance framework, involving a COP 292.1B (~USD 78M) loan and COP 58.38B (~USD 16M) in letters of credit. The transaction was supported by Financiera de Desarrollo Nacional (FDN) and BBVA CIB, with the latter also providing hedging solutions. Developed in partnership with ISAGEN, the project is backed by a long-term PPA and is expected to commence commercial operations in the third quarter of 2027.¹⁰²
- *Apr 10th:* (Project Update) GAIL (India) Limited announced plans to set up a 600 MW solar power plant in Rajasthan, India. This project is separate from the 700 MW portfolio announced earlier and is part of GAIL's push to diversify its energy basket away from natural gas. The company is currently identifying land for the

⁹⁶ <https://www.infrastructureinvestor.com/elgin-lands-500m-for-british-energy-transition/>

⁹⁷ <https://www.recurrentenergy.com/news/recurrent-energy-wins-200mw-solar-storage-contract-in-spain/>

⁹⁸ <https://ceenergynews.com/renewables/r-power-obtains-21-million-euros-for-polish-energy-storage/>

⁹⁹ <https://www.pv-magazine-germany.com/2026/04/13/harmony-energy-erhaelt-finanzierung-fuer-3-gw-batteriespeicher-pipeline/>

¹⁰⁰ <https://www.kgal.de/en/press/news/kgal-invests-in-german-battery-storage.html>

¹⁰¹ <https://arena.gov.au/news/arena-backs-energy-renaissance-to-scale-battery-manufacturing/>

¹⁰² <https://atlasrenewableenergy.com/news-and-insights/atlas-renewable-energy-successfully-secures-financing-for-its-second-solar-project-in-colombia/>

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project, which is expected to include a significant BESS component to ensure a steady supply of green power for its industrial operations and for sale to the state grid.¹⁰³

- *Apr 9th:* Kernel, one of Ukraine's largest agribusinesses, announced it is seeking a \$ 45M loan from the EBRD for a 106 MW solar and storage project in the Vinnytsia region. This project, which was confirmed as funded in late April, is designed to provide "green" energy to Kernel's processing facilities, significantly reducing the company's carbon footprint and ensuring energy independence. The site includes a 20 MW/40 MWh BESS to manage internal load and support the national utility during peak hours.¹⁰⁴
- *Apr 8th:* AMEA Power announced it is seeking EBRD funding for a "battery duo" project in Egypt, consisting of two large-scale BESS installations totaling 750 MW of capacity. The proposed projects are in the Suez and Minya governorates and are designed to provide frequency regulation and peak-shifting services to the national power grid. This initiative is part of AMEA Power's larger pipeline of renewable energy projects in Africa and supports Egypt's goal of integrating more intermittent wind and solar generation.¹⁰⁵
- *Apr 8th:* Boralex, in partnership with the Six Nations of the Grand River Development Corporation (SNGRDC), announced the successful financial close for the Oxford BESS in Ontario, Canada. The project features a 125 MW / 500 MWh capacity and is in the Township of South-West Oxford, Oxford County. The financing package was provided by a syndicate of lenders, including the Canada Infrastructure Bank (CIB). The project is designed to provide capacity and ancillary services to the Independent Electricity System Operator (IESO) under a 20-year contract. Once operational, it will be one of the largest battery storage facilities in Canada.¹⁰⁶
- *Apr 7th:* Kingdom Energy Storage (KES), a platform backed by Stonepeak, announced the execution of its first project financing facility to support a portfolio of BESS assets in the United Kingdom. The facility, provided by a syndicate of commercial banks, will fund the construction and operation of multiple grid-scale battery projects designed to provide frequency response and capacity services to the National Grid. Stonepeak established KES to capitalize on the growing demand for flexible energy infrastructure as the UK transitions toward a net-zero power system.¹⁰⁷
- *Apr 2nd:* Trina Storage announced its technology is powering one of South Australia's largest energy storage projects, which recently secured AUD 460M (~\$ 300M) in financing. The project, with a massive 500 MWh capacity, uses Trina's Elementa liquid-cooled LFP battery systems. The financing was provided by a syndicate of major Australian and international banks, reflecting confidence in the grid-scale hardware. Once fully operational, the facility will provide critical frequency control and peak-shaving services to the National Electricity Market (NEM), helping to manage the high penetration of renewables in the South Australian grid.¹⁰⁸
- *Apr 1st:* NLC India Limited announced it secured a financing package to develop a 200 MW solar PV plant integrated with a 100 MWh BESS in the state of Tamil Nadu, India. The project was awarded through a competitive bidding process and is part of NLC's broader target to reach 6 GW of renewable energy capacity by 2030. The financing will cover the engineering, procurement, and construction (EPC) costs, with the battery component intended to smooth solar output and provide peak power support during periods of high demand.¹⁰⁹

¹⁰³ <https://www.thehindubusinessline.com/economy/gail-targets-rajasthan-for-massive-600mw-solar-expansion/article67901234.ece>

¹⁰⁴ <https://www.kyivpost.com/post/kernel-seeks-ebd-loan-for-solar-storage-hub>

¹⁰⁵ <https://www.dailynewsegypt.com/2026/04/08/amea-power-to-develop-750mw-battery-projects-in-egypt/>

¹⁰⁶ <https://www.ess-news.com/2026/04/08/boralex-and-six-nations-close-financing-for-500-mwh-oxford-bess-in-canada/>

¹⁰⁷ <https://www.globenewswire.com/news-release/2026/04/07/3268779/0/en/kingdom-energy-storage-platform-backed-by-stonepeak-executes-first-project-financing-facility.html>

¹⁰⁸ <https://www.ess-news.com/2025/04/02/trina-storage-powers-one-of-south-australias-largest-energy-storage-projects-with-remarkable-product-strength-enabling-aud-460-million-financing/>

¹⁰⁹ <https://www.financialexpress.com/business/industry-nlc-india-to-build-solar-plus-storage-hub-in-tamil-nadu-3445678/>

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Fractal Energy Storage Consultants is the premier energy storage and hybrid DD shop supporting project finance, construction lending, acquisition, and investment, preferred equity, or tax equity transactions. Our financial, technical, and commercial DD services will de-risk your 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.



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MOU and Partnerships

United States

- *Apr 16th:* Lightshift Energy and the Blue Ridge Power Agency announced a joint initiative to deploy a BESS portfolio to improve energy affordability across rural Virginia, U.S. The partnership included the development of the Blue Ridge storage project (50 MW/200 MWh BESS) to reduce peak-demand costs for local municipal utilities. Supported by a \$ 65M investment, the deployment aimed to significantly lower residents' energy bills by the end of 2027.¹¹⁰
- *Apr 14th:* Rivian and Redwood Materials announced a strategic partnership to repurpose end-of-life electric vehicle batteries for stationary energy storage at manufacturing facilities. The collaboration featured the installation of the Normal Plant project (15 MW / 30 MWh BESS) at Rivian's factory in Normal, McLean County, Illinois, U.S. The companies invested \$ 25M into the initiative, which received environmental regulatory approval from the Illinois Environmental Protection Agency.¹¹¹
- *Apr 8th:* GridStor and Axpo US announced a financial swap agreement to hedge revenues for a newly developed energy storage facility in Texas, U.S. The 10-year agreement centered on the Galveston storage project (100 MW / 200 MWh BESS) to secure a fixed revenue stream against ERCOT market volatility. This transaction supported GridStor's \$ 120M project financing and marked Axpo's expansion into U.S. battery market hedging.¹¹²
- *Apr 8th:* Lion Energy announced a strategic partnership with American Battery Factory (ABF) to secure a domestic supply of LFP battery cells. The agreement involved a financial commitment for Lion Energy to purchase 18 GWh of LFP cells over five years for integration into their commercial BESS products. The cells were scheduled to be manufactured at ABF's upcoming facility located in Tucson, Pima County, Arizona, U.S.¹¹³
- *Apr 2nd:* Energy Dome and NUAL announced a collaboration to deploy a long-duration CO2 ESS to power an artificial intelligence data center in Austin, Travis County, Texas, U.S. The companies planned to construct the Silicon Hills project (20 MW / 200 MWh BESS) to provide round-the-clock clean power to NUAL's

¹¹⁰ <https://www.businesswire.com/news/home/20260416045735/en/Lightshift-Energy-and-the-Blue-Ridge-Power-Agency-Deploy-Battery-Storage-Portfolio-to-Improve-Rural-Energy-Affordability>

¹¹¹ <https://www.businesswire.com/news/home/20260414701719/en/Rivian-and-Redwood-Materials-Announce-Energy-Storage-Partnership-for-Manufacturing>

¹¹² <https://www.businesswire.com/news/home/20260408703030/en/GridStor-and-Axpo-Announce-Battery-Storage-Swap-Agreement>

¹¹³ <https://www.businesswire.com/news/home/20260408868697/en/Lion-Energy-Advances-U.S.-Battery-Supply-Chain-Through-Strategic-Partnership-With-American-Battery-Factory>

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computing infrastructure. Backed by a \$ 55M joint investment, the project successfully received site plan approval from the Austin City Council.¹¹⁴

International

- *Apr 20th:* Turbo Energy and Hithium announced a strategic partnership to integrate AI-driven energy optimization software into commercial and residential BESS platforms. The collaboration focused on deploying advanced energy management systems across target markets in Europe and Latin America. The companies aimed to enhance battery cycle life and maximize revenue for end users through automated, data-driven dispatch strategies.¹¹⁵
- *Apr 20th:* Enspired and Energreen announced a partnership to commercially optimize a 962 MW BESS pipeline located across various regions in Italy. The collaboration integrated Enspired's artificial-intelligence-driven trading platform to maximize the profitability of Energreen's energy storage assets in the Italian ancillary services market. The companies intended for the projects to provide crucial grid flexibility and balance the increasing penetration of renewable energy throughout the country.¹¹⁶
- *Apr 19th:* The European Bank for Reconstruction and Development (EBRD) and the government of Jordan announced a MoU to accelerate the nation's renewable energy transition. The agreement focused on upgrading grid infrastructure and facilitating investments in utility-scale solar and BESS facilities nationwide. The initiative received formal regulatory approval from Jordan's Ministry of Energy and Mineral Resources to advance a sustainable energy framework.¹¹⁷
- *Apr 18th:* Akaysha Energy announced that it secured access to a multi-GW BESS pipeline in Germany to accelerate the country's energy transition. The agreement involved acquiring a portfolio of advanced-stage storage projects from a local developer to provide grid stability services. The investment supported Germany's broader renewable targets and was granted preliminary foreign direct investment approval from the German Federal Ministry for Economic Affairs and Climate Action.¹¹⁸
- *Apr 16th:* Axian Group announced that it successfully reached financial close on a hybrid renewable energy facility located in Kolda, Kolda Region, Senegal. The € 30M transaction funded the development of the Kolda project (15 MW Solar PV + 10 MW / 20 MWh BESS), which was designed to provide stable, clean electricity to the regional grid. The initiative received formal approval for a PPA from Senelec, Senegal's national electricity company, to support the country's broader rural electrification goals.¹¹⁹
- *Apr 15th:* CATL and HyperStrong announced a strategic cooperation agreement to develop and deploy a massive sodium-ion BESS pipeline. The partnership focused on integrating multi-GWh sodium-ion technology into utility-scale energy storage projects in China. The companies stated that this collaboration would accelerate commercialization and reduce overall supply chain costs for next-generation batteries.¹²⁰
- *Apr 1st:* TotalEnergies and Masdar announced the formation of a \$ 2.2B JV to accelerate renewable energy growth across Asia. The partnership aimed to co-develop a robust pipeline of solar, wind, and utility-scale BESS assets in multiple emerging markets throughout the region. The JV received antitrust approval from the European Commission and targeted reaching operational capacities of several GW over the next decade.¹²¹
- *Apr 1st:* Hithium and Brawn Capital announced a strategic partnership to deploy a 3 GWh BESS pipeline across the Asia-Pacific region. The agreement established a dedicated multi-million-dollar investment framework to develop utility-scale storage projects, with initial deployments targeted for Australia and Southeast Asia. The collaboration paired Hithium's advanced battery cell technology with Brawn Capital's

¹¹⁴ <https://www.businesswire.com/news/home/20260402851749/en/Energy-Dome-and-NUAI-to-Partner-on-Energy-Storage-Solution-for-Texas-AI-Data-Center>

¹¹⁵ <https://www.altenergymag.com/news/2026/04/20/turbo-energy-hithium-partner-on-ai-bess-optimization/>

¹¹⁶ <https://www.smart-energy.com/storage/enspired-energgreen-partner-on-italian-bess/>

¹¹⁷ <https://www.thenationalnews.com/business/energy/ebird-jordan-sign-renewable-energy-mou/>

¹¹⁸ <https://www.cleanenergywire.org/news/akaysha-enters-german-market-multi-gw-storage-pipeline>

¹¹⁹ <https://www.afrik21.africa/en/senegal-axian-secures-financing-for-kolda-solar-storage-plant/>

¹²⁰ <https://www.prnewswire.com/in/news-releases/catl-and-hyperstrong-sign-the-worlds-largest-sodium-ion-energy-storage-cooperation-agreement-302755809.html>

¹²¹ <https://www.businesswire.com/news/home/20260401667911/en/TotalEnergies-and-Masdar-to-Form-%242.2-Billion-Joint-Venture-to-Accelerate-Renewable-Energy-Growth-in-Asia>

infrastructure financing capabilities to accelerate regional grid decarbonization efforts over the next three years.¹²²

Fractal Procurement / Pricing Update

Fractal Energy Storage Consultants manages numerous competitive procurement processes in the industry for developers, IPPs, and utilities. In this month's newsletter, we provide a snapshot of procurement and pricing-related observations.

New Supplier Categories

Due to recent changes to tax incentive qualifications and the onset of new non-Prohibited Foreign Entity (PFE) requirements, the BESS equipment supply chain has evolved into four distinct options, each with significant benefits and risks – technical and financial:

Supplier Category	Description
PFE Chinese OEM	Manufacturers with established manufacturing capacities in China have almost 100% of the equipment originating in China. The OEMs in this category have no declared plans to restructure into a non-PFE company.
"Low PFE" Chinese OEM	No verified OEMs in this category. However, this is reserved for OEMs with declared restructuring plans in motion, along with 3 rd party verification process. The OEMs in this category have moved manufacturing outside of China and plan to establish new entities to qualify as non-PFE/non-FEOC on both a material-cost and an effective-control basis.
"Low PFE" Non-Chinese OEM	No verified OEMs in this category. However, this is reserved for OEMs headquartered outside China with restructured supply chains to use a blend of Non-PFE and PFE suppliers. The blend allows OEMs to stay below the maximum PFE content under the Material Costs Assistance Ratio. The OEMs generally own the IP and maintenance under the parent non-PFE company, thereby reducing or eliminating the Effective Control risk.
100% Domestic Non-PFE OEM	Manufacturers with almost all major manufacturing and assembly in the US. Currently, a small group but growing. The OEMs can clearly show the non-PFE supply chain from both the Material Cost Assistance Ratio and the Effective Control basis.

Key observations include:

1. The PFE Chinese OEMs, before tariffs and shipping, can offer a 60% discount compared to 100% Domestic OEMs. The PFE Chinese OEMs benefit from established economies of scale and low manufacturing costs in China but have a high exposure to tariff risk in a US-China trade deterioration scenario. The PFE Chinese OEMs will disqualify projects from receiving Federal ITC, which, in most cases, is a deal-breaker for project economics.
2. The "Low PFE" Chinese OEM category is 7% more expensive than the PFE Chinese OEM option but makes up for it with lower tariff costs. Overall, the option is 6% cheaper compared to PFE Chinese OEMs at current tariff rates. The OEMs in this category face a material ITC risk, which is not expected to be resolved before the end of 2026.
3. The "Low PFE" Non-Chinese OEM category offers a low ITC risk option but at a 25% premium to the "Low PFE" Foreign OEM after tariffs and shipping costs. For projects needing to make procurement decisions in 2026, this is a competitive option.
4. The 100% Domestic Non-PFE OEM has almost no ITC risk and can be at almost 90% premium compared to the PFE Chinese OEMs after tariffs and shipping. The cost is expected to decline as manufacturing

¹²² <https://www.asian-power.com/energy-storage/news/lithium-brawn-capital-sign-3gwh-bess-deal>
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capacity and competition increases. For projects needing to make procurement decisions in 2026, this is competitive option.

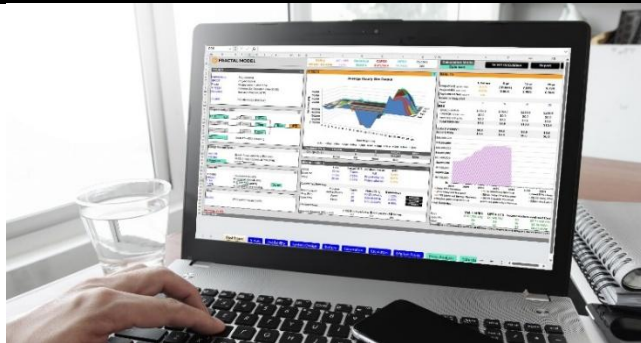
Current Pricing Snapshot

		Tariff Contribution			
China		100%	10%	30%	10%
SE Asia		0%	90%	20%	0%
Domestic		0%	0%	50%	90%

	UoM	PFE Chinese OEM	"Low PFE" Foreign OEM	"Low PFE" US OEM	100% Domestic Non-PFE OEM
Battery Containers					
Equipment	\$/kWh	\$79	\$86	\$130	\$240
Source Country		China	China+	China+	US
Effective Tariff	%	38.50%	16.02%	14.26%	3.85%
Tariff Cost	\$/kWh	\$30.42	\$13.78	\$18.53	\$9.24
Shipping Cost	\$/kWh	\$10.25	\$11.15	\$8.00	\$4.00
Subtotal BESS Containers	\$/kWh	\$120	\$111	\$157	\$253
PCS					
Equipment	\$/kWh	\$25	\$25	\$25	\$25
Source Country		US	US	US	US
Shipping Cost	\$/kWh	\$1.00	\$1.00	\$1.00	\$1.00
Subtotal Other Major Equip	\$/kWh	\$26	\$26	\$26	\$26
Total Major Equipment	\$/kWh	\$146	\$137	\$183	\$279
Common EPC	\$/kWh	\$70	\$70	\$70	\$70
ITC Rate	%	0.00%	30.00%	30.00%	40.00%
Total Cost w ITC	\$/kWh	\$216	\$145	\$177	\$210

BESS procurement requires a levelized evaluation across metal indices, tariffs, ITC risk, and several other key risks that affect project economics. Fractal represents owners in procuring BESS equipment and EPC services across the US through a standardized, risk-managed approach. Contact us for procurement support (RFP specifications, contract, and exhibit development, bid evaluation, and negotiations): Rahul Verma (rahul@fractalba.com) | Judy McElroy (judy@fractalba.com)

INVESTMENT-GRADE PROJECT LIFETIME ANALYSIS AND FEASIBILITY STUDIES



Fractal is an industry expert in modeling energy storage and hybrid projects. We have developed powerful techno-economic modeling tools that provide investment-grade analysis, simulate performance, model degradation, and optimize a project's economics. Our analysis accounts for:

- Forecasted revenue
- Bid optimization and trading strategies
- Accurate CAPEX and OPEX
- Technical constraints (market, program, POI, IA)
- Incentives and tariff exposure
- Commercial exposure (performance and availability)

Development News

United States

- *Apr 28th:* The Bureau of Land Management (BLM) announced the approval of a \$ 700M hybrid renewable energy facility located in Blythe, Riverside County, California, U.S. The federal agency officially greenlit the Desert Quartzite project (300 MW Solar PV + 150 MW/600 MWh BESS) for construction on public lands in the California desert.¹²³
- *Apr 27th:* ElectriGen announced the development of a massive behind-the-meter power generation facility to support artificial intelligence data center infrastructure in Dallas, Dallas County, Texas, U.S. The company planned to construct the ElectriGen AI project (1.8 GW Solar PV + 500 MW / 1000 MWh BESS) to provide dedicated, uninterrupted clean power for high-density computing loads.¹²⁴
- *Apr 27th:* A developer submitted the Gabriel Storage project (390 MW BESS) to the California Independent System Operator (CAISO) interconnection queue for a site in Irwindale, Los Angeles County, US. The project, identified as queue entry 266906, is planned for a 15.94-acre site at 13620 Live Oak Lane and entered the queue on April 20, 2026. While the specific developer for this new filing was not publicly disclosed, the project location is associated with Aypa Power, a Blackstone portfolio company, which previously secured resource adequacy agreements for a 400 MW facility at the same address.¹²⁵
- *Apr 26th:* Recurrent Energy announced that it secured grid connection approval for a massive hybrid solar and storage facility located in Uralla, Uralla Shire, New South Wales, Australia. The Canadian developer received the formal green light from the Australian Energy Market Operator (AEMO) to integrate the Mammoth New England project (700 MW Solar PV + 400 MW / 800 MWh BESS) into the national electricity market.¹²⁶
- *Apr 25th:* Distributed Energy Infrastructure announced that it completed the construction of two community solar facilities for Generate Capital in Syracuse, Onondaga County, New York, U.S. The interconnected sites formed the Syracuse Community Solar project (10 MW Solar PV) and were designed to provide discounted clean energy to local low-income residents.¹²⁷
- *Apr 25th:* State regulators announced the clearing of a major renewable energy hub to be developed in Riverside, Riverside County, California, U.S. The California Public Utilities Commission (CPUC) granted formal site and interconnection approval for the Riverside project (300 MW Solar PV + 150 MW / 600 MWh BESS) to help meet peak summer electricity demand. This \$ 400M clean energy investment was designed to replace retiring natural gas capacity and bolster the state's transition to a decarbonized grid.¹²⁸
- *Apr 24th:* Georgia Power announced an updated integrated resource plan to procure additional generation and energy storage resources across Atlanta, Fulton County, Georgia, U.S. The utility requested the deployment of an additional portfolio of assets, including the newly proposed Georgia Advanced Storage project (500 MW / 2000 MWh BESS), to support the state's growing industrial load.¹²⁹
- *Apr 23rd:* Nostromo Energy announced that its IceBrick thermal energy storage technology would be installed at the Hartsfield-Jackson Atlanta International Airport in Atlanta, Fulton County, Georgia, U.S. The installation served as the Airport Thermal project (2 MW/8 MWh BESS equivalent), shifting the airport's massive cooling electrical load to off-peak hours.¹³⁰

¹²³ <https://www.canarymedia.com/articles/solar/feds-greenlight-massive-solar-and-battery-project-in-california-desert>

¹²⁴ <https://www.businesswire.com/news/home/20260427358399/en/ElectriGen-Announces-1.8-GW-Behind-the-Meter-Power-Development-in-Texas-to-Support-AI-Data-Center-Digital-Infrastructure>

¹²⁵ <https://www.google.com/search?q=https://www.energystoragejournal.com/large-scale-bess-project-gabriel-storage-enters-caiso-queue-in-los-angeles-county/>

¹²⁶ <https://reneweconomy.com.au/canadian-developer-lands-grid-approval-for-mammoth-new-england-solar-battery-hybrid-project/>

¹²⁷ <https://www.prnewswire.com/news-releases/distributed-energy-infrastructure-completes-two-new-york-community-solar-projects-for-generate-capital-302753808.html>

¹²⁸ <https://www.canarymedia.com/articles/clean-energy/california-approves-new-riverside-clean-energy-hub/>

¹²⁹ <https://www.prnewswire.com/news-releases/georgia-power-continues-to-plan-for-additional-generation-to-meet-the-energy-needs-of-a-growing-georgia-302752256.html>

¹³⁰ <https://www.prnewswire.com/news-releases/icebrick-thermal-energy-storage-systems-to-be-installed-at-atlantas-hartsfield-jackson-international-airport-302751636.html>

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- *Apr 23rd:* Solvent Energy signed an interconnection agreement for the Hill Valley BESS project (245.8 MW BESS) located in Grimes County, Texas, US. The agreement with CenterPoint Energy secures a connection to the 345 kV transmission system via the Singleton Substation, approximately 70 miles northwest of Houston. The project, which is part of a 4 GW development pipeline by the JC Mont-Fort subsidiary, is expected to reach commercial operation by July 2028.¹³¹
- *Apr 20th:* PowerBank announced the development of a distributed solar and energy storage hybrid facility in Brookhaven, Suffolk County, New York, U.S. The company planned to construct the Brookhaven project (5 MW Solar PV + 5 MW/20 MWh BESS) to provide community grid resilience and reduce peak demand. Backed by a \$12M capital commitment, the installation received site plan and environmental approvals from the Brookhaven Town Planning Board.¹³²
- *Apr 15th:* Georgia Power announced that it commenced construction on a utility-scale energy storage facility in Wadley, Jefferson County, Georgia, U.S. The utility broke ground on the Wadley project (65 MW / 260 MWh BESS), which was designed to store excess solar generation and dispatch power during peak demand periods. The facility represented an estimated \$ 100M infrastructure investment aimed at enhancing grid stability in the region.¹³³
- *Apr 15th:* Strata Clean Energy announced the advancement of its vertically integrated business model to construct next-generation energy infrastructure in Phoenix, Maricopa County, Arizona, United States. The company committed a \$250M corporate investment to streamline in-house development, engineering, and procurement for the Strata NextGen project (100 MW/400 MWh BESS) and other regional assets.¹³⁴
- *Apr 14th:* Akaysha Energy announced the start of construction on a large-scale energy storage facility in Elaine, Moorabool Shire, Victoria, Australia. The developer initiated civil works for the Elaine project (200 MW / 800 MWh BESS), utilizing InEight's document management software to streamline project execution and supply chain tracking. The \$ 300M AUD infrastructure development received final environmental and planning approval from the Victoria State Government.¹³⁵
- *Apr 13th:* D. E. Shaw Renewable Investments (DESRI) signed an interconnection agreement for the River Fork Storage project (100 MW BESS) in Calhoun County, Michigan, US. According to filings with the Federal Energy Regulatory Commission (FERC), the facility will connect to the grid at the Stonehill 138 kV Interconnection Station via the Michigan Electric Transmission Company. Operating within the MISO territory, the project supports Michigan's mandate to reach 2,500 MW of energy storage by 2029.¹³⁶
- *Apr 12th:* Boralex announced that it received final siting permits for a utility-scale hybrid energy facility located in Portage, Livingston County, New York, U.S. The New York State Office of Renewable Energy Siting (ORES) formally granted regulatory approval for the Sugar Maple project (125 MW Solar PV + 20 MW / 80 MWh BESS) to proceed with construction.¹³⁷
- *Apr 10th:* AES Corporation announced the cancellation of a proposed energy storage facility in Escondido, San Diego County, California, U.S., following significant local opposition. The company formally withdrew its application for the Seguro project (320 MW / 1280 MWh BESS) after community groups raised persistent concerns regarding fire safety and zoning proximity to residential neighborhoods.¹³⁸

International

- *Apr 14th:* ReNew announced the successful commissioning of 2.4 GW of clean energy capacity over the previous fiscal year across various states, including Gujarat and Rajasthan, India. The complete portfolio

¹³¹ <https://www.google.com/search?q=https://www.kbt.com/2026/04/23/renewable-energy-expansion-continues-grimes-county-with-new-245-mw-battery-project/>

¹³² <https://www.prnewswire.com/news-releases/powerbank-announces-5-mw-ac-distributed-solar-and-battery-energy-storage-system-project-in-new-york-302739974.html>

¹³³ <https://www.prnewswire.com/news-releases/georgia-power-begins-construction-of-newest-battery-storage-system-in-wadley-ga-302730157.html>

¹³⁴ <https://www.businesswire.com/news/home/20260415188583/en/Strata-Clean-Energy-Advances-Its-Vertically-Integrated-Model-to-Meet-Next-Generation-Energy-Infrastructure-Needs>

¹³⁵ <https://www.globenewswire.com/news-release/2026/04/14/3274041/0/en/akaysha-energy-begins-construction-on-elaine-bess-supported-by-ineight-document.html>

¹³⁶ <https://www.google.com/search?q=https://www.energystoragejournal.com/desri-advances-river-fork-bess-with-michigan-grid-connection-deal/>

¹³⁷ <https://www.pv-tech.org/new-york-state-grants-siting-permits-125mw-solar-plus-storage-sugar-maple-project/>

¹³⁸ <https://www.sandiegouniontribune.com/news/environment/aes-pulls-plug-on-escondido-battery-project>

featured utility-scale hybrid assets, such as the ReNew Hybrid Hub project (1 GW Solar PV + 500 MW Wind + 100 MW / 200 MWh BESS), designed to deliver round-the-clock power. Backed by over \$1.2B in corporate investments, these deployments received respective grid and power-purchase approvals from the Solar Energy Corporation of India (SECI).¹³⁹

- *Apr 29th:* Tavion officially launched its operations as a dedicated energy storage developer based in Stockholm, Stockholm County, Sweden. The newly formed company announced a strategic target to develop and construct the Tavion Pipeline projects (3 GW / 6 GWh BESS) across Europe over the next five years.¹⁴⁰
- *Apr 29th:* BHP announced the signing of a major PPA to power a giant copper mining operation with Australia's largest off-grid hybrid renewable energy facility in West Musgrave, Ngaanyatjaraku Shire, Western Australia, Australia. The mining giant contracted the development of the West Musgrave Hybrid project (100 MW Solar PV + 50 MW / 100 MWh BESS) to drastically reduce the site's reliance on diesel generation.¹⁴¹
- *Apr 28th:* NEPower and Luxcara announced the start of construction on a massive energy storage facility located in Lappeenranta, South Karelia, Finland. Acting as the engineering, procurement, and construction (EPC) contractor, NEPower began civil works for the Ylikkälä project (125 MW / 250 MWh BESS) on behalf of the clean energy asset manager.¹⁴²
- *Apr 28th:* Solarigo announced the commencement of commercial power production at a newly constructed renewable generation facility in Kalajoki, Northern Ostrobothnia, Finland. The company successfully energized the Kalajoki Solar project (34 MW Solar PV) to supply zero-emission electricity to local municipalities and commercial off-takers.¹⁴³
- *Apr 28th:* Goldbeck Solar announced the commencement of construction on a large-scale energy storage facility located in Hirschberg, Rhein-Neckar-Kreis, Baden-Württemberg, Germany. The engineering firm broke ground on the Goldbeck Storage project (100 MW / 200 MWh BESS) to store excess renewable generation and provide vital grid flexibility.¹⁴⁴
- *Apr 28th:* Territory Generation announced the procurement of two additional utility-scale energy storage facilities to be deployed across Alice Springs and Katherine, Northern Territory, Australia. Following the success of a prior installation in Darwin, the utility ordered the Alice Springs and Katherine projects (combined 35 MW / 70 MWh BESS) to stabilize the local network and support the integration of existing solar and gas generation.¹⁴⁵
- *Apr 28th:* Eco Stor announced the advancement of a massive standalone energy storage facility located in Förderstedt, Saxony-Anhalt, Germany. The developer progressed the development of the Förderstedt project (300 MW / 600 MWh BESS) to provide crucial frequency response and grid stability services to the regional network.¹⁴⁶
- *Apr 27th:* Greenfield announced that it secured planning permission for a large-scale energy storage facility in Cottingham, East Riding of Yorkshire, England, United Kingdom. The developer obtained formal regulatory approval from the East Riding of Yorkshire Council to construct the Cottingham project (400 MW/800 MWh BESS). Backed by an estimated £ 150M investment, the infrastructure was designed to connect directly to the nearby National Grid substation.¹⁴⁷
- *Apr 27th:* Banpu announced that it applied to secure environmental approval for a massive energy storage facility in Rockhampton, Rockhampton Region, Queensland, Australia. The company sought the formal

¹³⁹ <https://www.businesswire.com/news/home/20260414880946/en/ReNew-Commissions-2.4-GW-of-Renewable-Energy-Capacity-in-FY2026>

¹⁴⁰ https://www.baltictimes.com/swedish_developer_tavion_launches_ambitious_storage_goals/

¹⁴¹ <https://www.energy-storage.news/bhp-signs-deal-for-100mwh-off-grid-bess-at-australian-copper-project/>

¹⁴² <https://www.balkangreenenergynews.com/nepower-building-125-mw-bess-in-finland-for-luxcara/>

¹⁴³ <https://www.cleanenergyauthority.com/solar-energy-news/solarigo-kalajoki-solar-park-online>

¹⁴⁴ <https://www.powerengineeringint.com/energy-storage/goldbeck-solar-starts-german-bess-construction/>

¹⁴⁵ <https://www.ecogeneration.com.au/nt-government-backs-two-more-big-batteries/>

¹⁴⁶ <https://www.cleanenergywire.org/news/eco-stor-moves-forward-massive-storage-plant-central-germany>

¹⁴⁷ https://www.solarpowerportal.co.uk/news/greenfield_secures_planning_for_400mw_east_yorkshire_bess

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green light from the Queensland Department of Environment, Science and Innovation to develop the Rockhampton project (500 MW / 1000 MWh BESS). The proposed AUD 750M capital investment was designed to capture excess renewable generation and provide essential balancing services to the regional electricity market.¹⁴⁸

- *Apr 27th:* Adani Green Energy announced a massive expansion of its energy storage capabilities at the world's largest renewable energy installation located in Khavda, Kutch District, Gujarat, India. The company detailed plans to deploy the Khavda Renewable Energy Park project (2.5 GW / 10 GWh BESS) to provide round-the-clock power and firm up immense solar and wind generation.¹⁴⁹
- *Apr 26th:* SPP announced the development of a new utility-scale energy storage facility located in Martin, Žilina Region, Slovakia. The state-owned energy provider planned to deploy the Martin project (10 MW / 20 MWh BESS) to provide crucial frequency balancing and stabilize the national electricity grid.¹⁵⁰
- *Apr 26th:* Neoen announced the commencement of construction on the largest standalone energy storage facility in France, located in Bordeaux, Nouvelle-Aquitaine, France. The clean energy developer broke ground on the Nouvelle project (130 MW / 260 MWh BESS) to provide essential frequency balancing services directly to the national power grid.¹⁵¹
- *Apr 26th:* PGE announced the commencement of battery mounting for a record-breaking energy storage facility located in Żarnowiec, Pomeranian Voivodeship, Poland. The utility advanced the construction of the Żarnowiec project (200 MW / 981 MWh BESS), which was designed to be the largest single storage asset in the country upon completion.¹⁵²
- *Apr 25th:* ALTEO announced the successful energization of its sixth standalone energy storage facility located in Győr, Győr-Moson-Sopron County, Hungary. The energy service provider commissioned the Győr project (5 MW / 10 MWh BESS) to provide specialized frequency-containment reserve services directly to the regional power network.¹⁵³
- *Apr 25th:* UEM Group announced the proposed development of a massive hybrid renewable energy facility located in Perak, Malaysia. The developer planned the Perak Floating project (595 MW Solar PV + 100 MW / 200 MWh BESS) to be constructed on an existing reservoir, maximizing land-use efficiency and reducing water evaporation.¹⁵⁴
- *Apr 24th:* Hep Global announced the groundbreaking of a hybrid renewable energy facility located in Ansbach, Bavaria, Germany. The developer-initiated construction on the Ansbach project (50 MW Solar PV + 10 MW / 20 MWh BESS) to supply clean, dispatchable electricity to the local community.¹⁵⁵
- *Apr 24th:* A European clean energy coalition announced a joint industry initiative to support a binding target of deploying 200 GW of energy storage capacity across the European Union by 2030. The industry groups formally urged the European Commission to adopt this unified target to accelerate the continent's integration of renewable generation and alleviate persistent grid bottlenecks.¹⁵⁶
- *Apr 24th:* The Botswana Power Corporation announced the groundbreaking of a massive hybrid renewable energy facility located in Jwaneng, Southern District, Botswana. The national utility-initiated construction on the Jwaneng Hybrid project (200 MW Solar PV + 100 MW / 500 MWh BESS) to significantly reduce the nation's reliance on imported electricity and stabilize the domestic grid.¹⁵⁷
- *Apr 24th:* Downing Renewable Developments announced plans to co-locate a utility-scale ESS at an operational wind farm in Kemi, Lapland, Finland. The company aimed to integrate the Kemi Hybrid project

¹⁴⁸ <https://www.ecogeneration.com.au/banpu-seeks-approval-for-rockhampton-bess-facility/>

¹⁴⁹ <https://energystoragepro.com/2026/04/27/adani-green-energy-scales-up-bess-deployment-at-khavda-targets-10-gwh-expansion/>

¹⁵⁰ <https://www.balkangreenenergynews.com/spp-to-build-10-mw-battery-storage-facility-in-slovakia/>

¹⁵¹ <https://www.pv-magazine.fr/2026/04/26/neoen-lance-la-construction-du-plus-grand-parc-de-stockage-de-france/>

¹⁵² <https://www.ceenergynews.com/energy-storage/pge-advances-construction-on-polands-largest-battery/>

¹⁵³ <https://ceenergynews.com/renewables/alteo-sixth-storage-gyor/>

¹⁵⁴ <https://asian-power.com/solar/news/malaysia-advances-595-mw-floating-solar-storage-project>

¹⁵⁵ https://www.solarnovus.com/hep-global-begins-construction-on-solar-plus-storage-in-germany_N12845.html

¹⁵⁶ <https://taiyangnews.info/markets/accelerate-u-backs-200-gw-storage-ambition-2030>

¹⁵⁷ <https://www.afrik21.africa/en/botswana-breaks-ground-on-massive-solar-and-storage-plant-in-jwaneng/>

(30 MW Wind + 20 MW / 40 MWh BESS) to capture excess wind generation and provide fast-frequency response to the Nordic grid.¹⁵⁸

- *Apr 23rd:* Ingrid Capacity announced the preparation for the construction of a massive energy storage portfolio across multiple municipalities, including Karlshamn, Blekinge County, Sweden. The developer initiated civil works for the Karlshamn and regional pipeline projects (200 MW / 400 MWh BESS) to provide crucial frequency regulation for the Nordic electricity grid.¹⁵⁹
- *Apr 23rd:* BLC Energy announced that five hybrid solar and energy storage projects formally entered the permitting phase across Scotland, United Kingdom. The developer aimed to deploy the Scottish Portfolio projects (totaling approximately 200 MW Solar PV + 100 MW / 200 MWh BESS) to bolster regional grid resilience and support local decarbonization efforts.¹⁶⁰
- *Apr 23rd:* Noveria Energy announced the signing of a major grid connection agreement to deploy a large-scale energy storage facility in Leipzig, Saxony, Germany. The developer secured the high-voltage interconnection rights to support the upcoming Leipzig Storage project (250 MW / 500 MWh BESS) and provide essential balancing services to the European grid.¹⁶¹
- *Apr 22nd:* The President of the Republic of Zambia announced the official launch of a major renewable energy development in Lusaka, Lusaka Province, Zambia. Supported by a consortium of international investors, the Leopards Hill project (60 MW Solar PV + 20 MW / 40 MWh BESS) was designed to mitigate regional power deficits and enhance grid stability.¹⁶²
- *Apr 22nd:* Pacific Energy announced an agreement to deploy a utility-scale ESS for Territory Generation in Darwin, Northern Territory, Australia. The contractor was tasked with installing the Darwin project (33.5 MW / 33.5 MWh BESS) to provide critical frequency control and grid stabilization for the regional network.¹⁶³
- *Apr 22nd:* EnBW announced the commencement of construction on a large-scale energy storage facility located in Marbach am Neckar, Ludwigsburg District, Baden-Württemberg, Germany. The utility broke ground on the Marbach Storage project (100 MW/100 MWh BESS) to provide essential frequency-containment reserve services to the European grid.¹⁶⁴
- *Apr 22nd:* RWE announced the cancellation of a proposed hybrid renewable energy facility located near Wrexham, Wrexham County Borough, Wales, United Kingdom. The developer officially scrapped plans for the Althrey project (100 MW Solar PV + 50 MW / 100 MWh BESS) after citing grid connection constraints and escalating supply chain costs.¹⁶⁵
- *Apr 22nd:* ZESCO announced the launch of the country's largest hybrid renewable energy facility located in Kabwe, Central Province, Zambia. The state-owned utility began development of the Kabwe Mega project (300 MW Solar PV + 150 MW/600 MWh BESS) to address severe national power deficits caused by regional droughts that have reduced hydropower availability.¹⁶⁶
- *Apr 21st:* KNESS Baltic announced an agreement to deliver and integrate BESS across multiple existing solar parks near Riga, Riga Region, Latvia. The engineering firm planned to install the Latvian Solar Hub projects (100 MW Solar PV + 20 MW / 55 MWh BESS) to capture excess renewable generation and stabilize the local distribution network.¹⁶⁷

¹⁵⁸ <https://www.power-technology.com/news/downing-to-add-bess-to-finnish-wind-farm/>

¹⁵⁹ https://www.baltictimes.com/ingrid_capacity_starts_building_major_swedish_battery_portfolio/

¹⁶⁰ https://www.solarpowerportal.co.uk/news/blc_energy_progresses_scottish_solar_and_storage_portfolio

¹⁶¹ <https://www.smart-energy.com/storage/noveria-inks-deal-for-massive-leipzig-battery-project/>

¹⁶² <https://www.prnewswire.com/news-releases/president-of-the-republic-of-zambia-officiates-at-the-launch-of-the-leopards-hill-solar-and-battery-storage-project-302748926.html>

¹⁶³ <https://www.utilitymagazine.com.au/northern-territory-secures-new-33-5mw-bess/>

¹⁶⁴ <https://www.cleanenergywire.org/news/enbw-begins-construction-100-mw-battery-southern-germany>

¹⁶⁵ <https://www.bbc.com/news/uk-wales-rwe-scraps-wrexham-solar-farm>

¹⁶⁶ <https://www.esi-africa.com/renewable-energy/zesco-launches-record-breaking-hybrid-solar-storage-in-zambia/>

¹⁶⁷ https://www.baltictimes.com/kness_baltic_to_supply_storage_systems_for_latvian_solar_farms/

- *Apr 21st:* Nuvve Japan announced the receipt of a second milestone payment for the ongoing construction of a utility-scale energy storage facility in Mino, Gifu Prefecture, Japan. The financial distribution, estimated at \$ 2.5M, supported the civil engineering phases of the Mino project (10 MW / 40 MWh BESS).¹⁶⁸
- *Apr 21st:* Altea Green Power announced that it secured authorization to construct a utility-scale energy storage facility in Turin, Piedmont, Italy. The developer received formal environmental and building approval from the Italian Ministry of Environment and Energy Security (MASE) to deploy the Piedmont Storage project (60 MW / 120 MWh BESS).¹⁶⁹
- *Apr 21st:* Korkia announced that it successfully secured grid connection permits for a large-scale hybrid renewable energy cluster located near Cluj-Napoca, Cluj County, Romania. The Finnish developer received formal integration approval from the national transmission system operator, Transelectrica, to connect the Korkia Romania Cluster project (100 MW Solar PV + 40 MW / 80 MWh BESS) to the high-voltage network.¹⁷⁰
- *Apr 21st:* Juniper Green Energy announced the initial commissioning of India's first Firm and Dispatchable Renewable Energy (FDRE) facility located in Gujarat, India. The company deployed the FDRE Portfolio project (100 MW Solar PV + 50 MW / 200 MWh BESS) to provide consistent, round-the-clock clean energy directly to the national grid.¹⁷¹
- *Apr 20th:* Copenhagen Infrastructure Partners announced the commencement of construction on a massive standalone energy storage facility located in Antofagasta, Antofagasta Province, Antofagasta Region, Chile. The developer broke ground on the Oasis project (300 MW / 1500 MWh BESS), representing a capital investment of approximately \$ 400M to support the national grid.¹⁷²
- *Apr 20th:* The Delingha City Government announced the launch of a new integrated energy facility combining renewable generation with digital data infrastructure in Delingha, Haixi Mongol and Tibetan Autonomous Prefecture, Qinghai, China. Developers initiated construction on the Delingha Integrated Energy project (100 MW Solar PV + 20 MW / 40 MWh BESS) to power a localized computing center directly with clean electricity.¹⁷³
- *Apr 22nd:* Elgin Energy and Geostudio announced a JV to develop a € 35M hybrid renewable energy facility located in Trapani, Free Municipal Consortium of Trapani, Sicily, Italy. The partners planned to construct the Sicily Hybrid project (50 MW Solar PV + 10 MW / 20 MWh BESS) to maximize grid utilization and provide dispatchable solar power to the region.¹⁷⁴
- *Apr 20th:* Encavis announced the launch of a standalone energy storage facility in Zeewolde, Flevoland, Netherlands. The company successfully energized the Zeewolde project (15 MW / 30 MWh BESS) to provide crucial frequency regulation and balancing services to the local grid.¹⁷⁵
- *Apr 19th:* Foresight Group announced that it successfully secured planning permission to construct a utility-scale energy storage facility in Port Adelaide, City of Port Adelaide Enfield, South Australia, Australia. The developer received formal development approval from the South Australian State Planning Commission to build the Port Adelaide project (75 MW / 150 MWh BESS).¹⁷⁶
- *Apr 19th:* Ngen announced the successful installation of five Tesla Megapack 2XL units to form a new standalone energy storage facility in Warsaw, Masovian Voivodeship, Poland. The company formally commissioned the Warsaw Megapack project (10 MW / 20 MWh BESS) to participate in the country's capacity market and provide fast-frequency regulation services.¹⁷⁷

¹⁶⁸ <https://www.powerengineeringint.com/energy-storage/nuvve-secures-funding-milestone-for-mino-battery-project/>

¹⁶⁹ <https://www.pv-magazine-italy.com/2026/04/21/altea-green-power-gets-green-light-for-60-mw-bess-in-italy/>

¹⁷⁰ <https://www.balkangreenenergynews.com/korkia-secures-grid-permit-for-hybrid-solar-storage-in-romania/>

¹⁷¹ <https://mercomindia.com/juniper-green-commissions-fdre-project/>

¹⁷² <https://www.globenewswire.com/news-release/2026/04/20/3276790/0/en/copenhagen-infrastructure-partners-commences-construction-on-1-500-mwh-bess-project-in-chile.html>

¹⁷³ <https://solarquarter.com/2026/04/20/delingha-launches-100-mw-solar-storage-data-integrated-energy-project-in-qinghai/>

¹⁷⁴ <https://www.balkangreenenergynews.com/elgin-geostudio-plan-hybrid-solar-storage-in-sicily/>

¹⁷⁵ <https://www.smart-energy.com/storage/encavis-launches-15mw-dutch-bess/>

¹⁷⁶ <https://www.ecogeneration.com.au/foresight-group-cleared-to-build-port-adelaide-battery/>

¹⁷⁷ <https://www.balkangreenenergynews.com/ngen-completes-tesla-megapack-installation-in-poland/>

- *Apr 18th:* Uniper and NGEN announced the commencement of construction on a utility-scale energy storage facility in Krummhörn, Aurich, Lower Saxony, Germany. The companies broke ground on the Krummhörn project (50 MW / 100 MWh BESS), which represented an estimated € 40M capital investment.¹⁷⁸
- *Apr 18th:* An Osaka Gas subsidiary announced plans to integrate a battery storage system into an existing solar facility in Kagoshima, Kagoshima Prefecture, Japan. The company intended to deploy the Kagoshima project (10 MW Solar PV + 2 MW / 8 MWh BESS) to optimize renewable energy dispatch and reduce regional curtailment.¹⁷⁹
- *Apr 18th:* Iberdrola announced the commencement of construction to integrate battery storage systems across several of its operational solar facilities in Setúbal, Setúbal District, Portugal. The utility began installing the Iberdrola Portugal Portfolio projects (90 MW / 180 MWh BESS) to capture excess solar generation and shift power delivery to peak evening hours.¹⁸⁰
- *Apr 18th:* BNZ announced a comprehensive strategic plan to hybridize its existing and upcoming European renewable energy portfolio by integrating co-located energy storage. Operating out of Madrid, Spain, the independent power producer intended to deploy hundreds of MW of BESS alongside its solar assets in Spain, Italy, and Portugal.¹⁸¹
- *Apr 17th:* Island Green Power announced that its proposed utility-scale solar farm advanced to the next critical stage of the national infrastructure planning process in Lincolnshire, England, United Kingdom. The developer submitted comprehensive environmental statements and community consultation reports for the Cottam Solar project (500 MW Solar PV) to connect directly into the national grid.¹⁸²
- *Apr 17th:* Sineng Electric announced the successful commissioning of a utility-scale energy storage facility located in Fier, Fier County, Albania. The equipment manufacturer supplied and integrated the Fier Storage project (24 MW/24 MWh BESS) to provide crucial frequency regulation and grid-balancing services.¹⁸³
- *Apr 17th:* Zelestra and EDP announced a PPA to hybridize an existing solar facility in Seville, Andalusia, Spain. The companies planned to integrate the Gorbea project (40 MW / 160 MWh BESS) alongside the operational solar park to store excess daytime generation and shift power delivery to evening peak hours.¹⁸⁴
- *Apr 16th:* Renalfa IPP and RGreen Invest announced a JV to develop a massive solar and storage cluster located near Arad, Arad County, Romania. The consortium planned to construct the Arad Complex project (1 GW Solar PV + 500 MW / 1000 MWh BESS) to provide clean, dispatchable power directly into the national transmission network.¹⁸⁵
- *Apr 15th:* Spark Renewables announced that it successfully secured development consent for a massive \$ 930M hybrid clean energy facility in Coleambally, Murrumbidgee Council, New South Wales, Australia. The developer received formal planning approval from the New South Wales Department of Planning and Environment to construct the Dinawan Energy Hub (1.5 GW Solar PV + 500 MW / 1000 MWh BESS). This multi-million-dollar infrastructure investment was designed to replace retiring coal generation.¹⁸⁶
- *Apr 15th:* Jantzen Renewables announced that it obtained grid connection approval for a new standalone energy storage facility located in Constanta, Constanta County, Romania. The developer received the formal green light from the national transmission system operator, Transelectrica, to integrate the Constanta project (50 MW / 100 MWh BESS) into the regional network.¹⁸⁷
- *Apr 15th:* China Energy Engineering Corporation announced the commissioning of a hybrid renewable energy facility located in Dekemhare, Debub Region, Eritrea. The engineering contractor successfully

¹⁷⁸ <https://www.powerengineeringint.com/energy-storage/uniper-ngen-begin-german-bess-construction/>

¹⁷⁹ <https://www.asian-power.com/energy-storage/news/osaka-gas-unit-adds-bess-kagoshima-solar-park>

¹⁸⁰ <https://www.pv-magazine.com/2026/04/18/iberdrola-retrofits-portuguese-solar-parks-with-battery-storage/>

¹⁸¹ <https://www.smart-energy.com/renewable-energy/bnz-announces-european-asset-hybridisation-strategy/>

¹⁸² https://www.solarpowerportal.co.uk/news/island_green_power_500mw_cottam_solar_project_progresses

¹⁸³ <https://www.balkangreenenergynews.com/sineng-electric-commissions-24-mw-bess-in-albania/>

¹⁸⁴ <https://www.utilitydive.com/news/zelestra-edp-spain-battery-storage-solar-ppa/>

¹⁸⁵ <https://www.balkangreenenergynews.com/renalfa-rgreen-plan-massive-solar-storage-complex-in-romania/>

¹⁸⁶ <https://www.pv-magazine-australia.com/2026/04/15/spark-renewables-secures-planning-approval-for-massive-dinawan-energy-hub/>

¹⁸⁷ <https://www.powerengineeringint.com/energy-storage/jantzen-renewables-cleared-for-romanian-bess/>

completed the Dekemhare project (30 MW Solar PV + 15 MW / 30 MWh BESS) to significantly boost national grid capacity and reduce reliance on fossil fuels.¹⁸⁸

- *Apr 15th:* Sineng Electric announced the successful deployment of a massive utility-scale energy storage facility located in Wuwei, Gansu Province, China. The equipment provider supplied and integrated the Northwest China Storage project (300 MW / 1200 MWh BESS) to mitigate renewable energy curtailment and strengthen regional power networks.¹⁸⁹
- *Apr 15th:* Neoen announced the commencement of construction on a long-duration energy storage facility located in Broken Hill, City of Broken Hill, New South Wales, Australia. The developer broke ground on the Broken Hill project (50 MW / 300 MWh BESS) to provide extended six-hour dispatchable power and grid stability to the remote western region.¹⁹⁰
- *Apr 14th:* Eurux Energy announced the commencement of construction on a utility-scale energy storage facility located in Shirakuka, Hokkaido Prefecture, Japan. The company broke ground on the Shirakuka project (15 MW / 60 MWh BESS), a multi-million-yen capital investment aimed at balancing regional wind generation.¹⁹¹
- *Apr 14th:* eNordic and Evergreen announced the successful energization of a utility-scale energy storage facility located in Ylivieska, Northern Ostrobothnia, Finland. The JV formally commissioned the Ylivieska project (30 MW / 30 MWh BESS), bringing the € 25M capital investment online to support the local electricity market.¹⁹²
- *Apr 13th:* Minebea Super Solar Power (MSSP) announced that it commenced construction on a solar-plus-storage project (48 MW Solar PV / 60 MWh BESS) in Lopburi, Thailand. The facility is part of a larger industrial decarbonization portfolio that includes a second site (104 MW Solar PV / 129 MWh BESS) in Bang Pa-in, Ayutthaya. Developed as a JV between MinebeaMitsumi and Super Energy, the projects are funded under Japan's 2025 Fiscal Year Joint Crediting Mechanism (JCM) to provide direct renewable power to Minebea's local precision component plants.¹⁹³
- *Apr 10th:* Mulilo announced that it successfully achieved financial close for a utility-scale energy storage facility located in the Free State province, South Africa. The developer secured funding for the Mercury project (76 MW / 304 MWh BESS) to help alleviate the country's ongoing power outages and support regional grid stability.¹⁹⁴ *Apr 28th:* Second Foundation announced plans to significantly expand its energy storage portfolio across multiple locations in the Czech Republic by the end of the year. The company committed a multi-million-euro capital investment to deploy the Czech Portfolio projects (30.7 MW / 61.4 MWh BESS) to provide crucial frequency regulation services. These distributed capacity additions received grid-connection approval from the national transmission system operator, CEPS, to participate in the local ancillary services market.¹⁹⁵
- *Apr 9th:* Fortescue announced that it is fast-tracking the development of a large-scale off-grid renewable energy network in the Pilbara region, Western Australia, Australia. The "islanded" standalone high-voltage system will combine 1.2 GW of solar and 600 MW of wind with 4–5 GWh of BESS and 620 km of transmission lines. The company expects to complete 290 MW of renewable capacity by early next year to enable daytime "green processing," with a goal of operating all Pilbara operations continuously for 24 hours without fossil fuels by late 2027. Full completion is now targeted for 2028.¹⁹⁶

¹⁸⁸ <https://energycapitalpower.com/ceec-commissions-eritrea-solar-bess/>

¹⁸⁹ <https://asian-power.com/energy-storage/news/sineng-electric-completes-300mw-storage-project-in-china>

¹⁹⁰ <https://www.utilitymagazine.com.au/neoen-breaks-ground-on-long-duration-bess/>

¹⁹¹ <https://www.pv-magazine.com/2026/04/14/eurux-energy-breaks-ground-on-japanese-bess-project/>

¹⁹² <https://www.smarter-energy.com/storage/enordic-evergreen-energise-30mw-bess-in-finland/>

¹⁹³ <https://solarquarter.com/2026/04/13/minebea-super-solar-power-launches-48-mw-solar-bess-project-in-thailand/>

¹⁹⁴ <https://www.engineeringnews.co.za/article/mulilo-secures-funding-for-free-state-battery-project-2026-04-10>

¹⁹⁵ <https://www.ceenergynews.com/energy-storage/second-foundation-targets-30mw-czech-storage-expansion/>

¹⁹⁶ <https://www.mining.com/web/fortescue-to-fast-track-green-energy-grid-development-at-pilbara/>

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- *Apr 9th:* Inversiones Black Solar, part of the Mack Energy group, announced that it received the Environmental Qualification Resolution (RCA) for the Black BESS project (350 MW / 1,409 MWh BESS) in Camarones, Arica y Parinacota, Chile. The standalone four-hour storage facility, which represents an investment of USD 220M, was approved following a six-hour environmental evaluation process supported by AG Energía and Anabática Renovables. The project includes a dedicated transmission line to connect to the national grid and is scheduled to begin commercial operations in December 2026.¹⁹⁷
- *Apr 8th:* EnBW announced the commissioning of a hybrid community renewable energy facility located in Öhringen, Hohenlohekreis, Baden-Württemberg, Germany. The utility successfully energized the Öhringen project (6.22 MW Solar PV + 2 MW / 6.1 MWh BESS) to supply zero-emission electricity to roughly 2,500 local households.¹⁹⁸
- *Apr 2nd:* Georgia Power announced that it broke ground on a massive utility-scale energy storage facility adjacent to an existing solar plant in Canton, Cherokee County, Georgia, U.S. The utility-initiated construction on the McGrau Ford project (250 MW / 1000 MWh BESS) to capture excess daytime generation and enhance grid resilience across the region.¹⁹⁹
- *Apr 2nd:* Enel Green Power Chile announced the start of construction on the Azabache BESS project (67 MW / 134 MWh BESS) in Calama, Antofagasta Region, Chile. The battery system will be integrated into a first-of-its-kind industrial-scale hybrid complex, joining the existing Azabache solar plant (60.9 MW) and the Valle de los Vientos wind farm (90 MW). This triple-technology site will utilize the ESS to capture excess wind and solar generation for delivery during peak demand periods, enhancing the stability of the National Electric System (SEN) in northern Chile.²⁰⁰

Vendor / OEM News

- *Apr 28th:* Sinexcel announced the deployment of its advanced 1725 kW Power Conversion Systems (PCS) to support a massive wind-integrated energy storage facility in Targale, Ventspils Municipality, Latvia. The company supplied the critical power conversion equipment for the Targale Wind Hub project (10 MW / 20 MWh BESS) to stabilize grid frequency and store excess renewable generation.²⁰¹
- *Apr 28th:* Sungrow announced the successful completion of the world's first large-scale, full-condition grid-forming extreme performance test for its energy storage platforms. Conducted at the company's research and development headquarters in Hefei, Anhui Province, China, the rigorous evaluation demonstrated the equipment's ability to maintain grid stability during severe voltage and frequency fluctuations.²⁰²
- *Apr 27th:* Sungrow announced that its entire portfolio of commercial and utility-scale BESS products successfully completed the Notified Body (NB) assessment under the stringent new European Union Battery Regulation. Evaluated at testing centers in Munich, Bavaria, Germany, the systems met comprehensive lifecycle, safety, and carbon footprint standards required for the European market.²⁰³
- *Apr 26th:* Sungrow announced the official launch of the PowerMatrix system, an advanced architecture designed to optimize the integration of utility-scale solar and BESS assets. The product unveiling took place at the company's research and development headquarters in Hefei, Anhui Province, China. The new technology aimed to reduce the levelized cost of energy by streamlining direct-current coupled operations and minimizing overall power conversion losses.²⁰⁴

¹⁹⁷ Global Transmission Report: Chile's Mack Energy Group secures environmental approval for 350 MW Black BESS project

¹⁹⁸ <https://www.cleanenergywire.org/news/enbw-commissions-hybrid-solar-storage-park-southern-germany>

¹⁹⁹ <https://www.utilitydive.com/news/georgia-power-breaks-ground-1-gwh-battery-storage/>

²⁰⁰ Enel: Enel Green Power Chile starts construction of its first hybrid plant combining wind, solar and batteries

²⁰¹ <https://www.prnewswire.com/news-releases/sinexcel-powers-latvias-largest-wind-farm-energy-storage-project-with-advanced-1725kw-pcs-302755326.html>

²⁰² <https://www.prnewswire.com/news-releases/beyond-simulation-sungrow-completes-worlds-first-large-scale-full-condition-grid-forming-extreme-test-302755321.html>

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²⁰⁴ <https://www.prnewswire.com/ae/news-releases/sungrow-launches-powermatrix-redefining-system-level-pv-storage-integration-302755472.html>

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- *Apr 25th:* Hoymiles announced the global launch of its advanced string grid-forming Power Conversion System (PCS) during an industry exhibition in Hangzhou, Zhejiang Province, China. The new technology was engineered to provide superior voltage and frequency support, enabling the seamless integration of utility-scale BESS into increasingly volatile power networks.²⁰⁵
- *Apr 24th:* Fox ESS announced that it is officially ranked as the number one global provider of residential ESS based on annual shipment volumes. The company reported record-breaking international sales out of its manufacturing headquarters in Wenzhou, Zhejiang Province, China, driven by surging demand for home backup power and solar integration.²⁰⁶
- *Apr 24th:* Atmoce announced the launch of a new stackable AC battery system specifically designed for commercial and industrial energy storage applications. Unveiled at the company's facilities in Shenzhen, Guangdong Province, China, the modular BESS platform offered scalable capacity to assist businesses with peak shaving and emergency backup power.²⁰⁷
- *Apr 24th:* Tesla announced the official launch of the Powerwall 3P, a three-phase variant of its residential ESS, to support higher power demands and electric vehicle charging. The product expansion was detailed from the company's global headquarters in Austin, Travis County, Texas, U.S. Engineered for international markets requiring three-phase grid integration, the advanced home BESS received formal safety and compliance approval from the international regulatory body Underwriters Laboratories (UL).²⁰⁸
- *Apr 23rd:* CATL announced the unveiling of six major technological innovations focused on multi-chemistry battery systems during a corporate event in Ningde, Fujian Province, China. The global battery manufacturer introduced these next-generation energy solutions to enhance the range, safety, and charging capabilities of future electric mobility platforms.²⁰⁹
- *Apr 23rd:* EVE Energy announced a massive corporate strategy to expand its global battery manufacturing capacity by 230 GWh over the coming years. Operating out of its headquarters in Huizhou, Guangdong Province, China, the company committed a multi-billion-yuan capital investment to support surging demand across the electric-vehicle and stationery-storage sectors.²¹⁰
- *Apr 23rd:* Siemens announced that it secured a € 40M supply contract from Vulcan Energy Resources to equip the Zero Carbon Lithium project located in Landau, Rhineland-Palatinate, Germany. The engineering firm was tasked with providing critical electrical infrastructure, including switchgears and automation systems, to power the commercial geothermal energy and lithium extraction facility.²¹¹
- *Apr 22nd:* SolarEdge announced the global release of the CSS-OD-197, a new all-in-one BESS tailored specifically for commercial and industrial energy applications. Introduced from the company's headquarters in Herzliya, Tel Aviv District, Israel, the fully integrated platform was designed to maximize self-consumption and manage peak demand for corporate energy consumers.²¹²
- *Apr 21st:* Sigenergy announced its successful public listing on the Hong Kong Stock Exchange (HKEX) in Hong Kong, China, bolstered by significant investments from top-tier global financial institutions. The energy storage solutions provider raised multi-million-dollar capital to accelerate the international expansion of its residential and commercial BESS portfolios.²¹³
- *Apr 21st:* Rongke Power announced the commercial launch of a new high-capacity vanadium redox flow battery system engineered for long-duration stationary energy storage. Unveiled at the manufacturer's facility

²⁰⁵ <https://taiyangnews.info/storage/hoymiles-string-grid-forming-pcs>

²⁰⁶ <https://www.prnewswire.com/in/news-releases/fox-ess-ranks-no-1-globally-in-residential-energy-storage-302752487.html>

²⁰⁷ <https://www.smart-energy.com/storage/atmoce-introduces-modular-ac-battery-for-ci-applications/>

²⁰⁸ <https://electrek.co/2026/04/24/tesla-officially-launches-three-phase-powerwall-3/>

²⁰⁹ <https://www.prnewswire.com/news-releases/catl-unveils-six-major-innovations-multi-chemistry-systems-to-redefine-new-energy-mobility-experience-302749182.html>

²¹⁰ <https://cnevpost.com/2026/04/23/eve-energy-plans-massive-230-gwh-capacity-expansion/>

²¹¹ <https://www.batteryindustry.tech/siemens-awarded-40m-contract-for-vulcan-lithium-project/>

²¹² <https://www.solarpowerworldonline.com/2026/04/solaredge-expands-ci-portfolio-with-new-all-in-one-bess/>

²¹³ <https://www.prnewswire.com/news-releases/sigenergy-successfully-listed-on-hkex-with-strong-backing-from-top-tier-global-investors-302744374.html>

in Dalian, Liaoning Province, China, the standardized module (2 MW / 8 MWh BESS equivalent) was designed to provide extended grid balancing over four-hour discharge cycles.²¹⁴

- *Apr 20th:* Viridis announced that its RPSLinkin BESS successfully received UL 9540 certification from TÜV Rheinland. The rigorous safety and compliance testing was finalized at the company's facilities in San Jose, Santa Clara County, California, U.S. The certification officially approved the commercial storage system for widespread integration and deployment across North American markets. This regulatory milestone formally validated the product's advanced thermal management and fire safety protocols for grid-scale applications.²¹⁵
- *Apr 20th:* The Government of Navarre and Hithium announced the signing of a major investment commitment to construct a new battery manufacturing facility in Pamplona, Navarre, Spain. The strategic partnership, witnessed by Spanish Prime Minister Pedro Sánchez, outlined a multi-million-euro capital deployment to localize the production of advanced lithium-ion cells for European BESS markets.²¹⁶
- *Apr 18th:* Narada announced the global launch of its next-generation AION X-Rate backup power system, specifically designed for artificial intelligence data centers. Unveiled at the company's manufacturing headquarters in Hangzhou, Zhejiang Province, China, the high-discharge BESS platform was engineered to deliver rapid, uninterruptible power during critical grid failures.²¹⁷
- *Apr 18th:* Jinko ESS formalized a strategic cooperation framework agreement with a partner to develop 1.1 GW of BESS projects across Shaanxi Province, China, over the next two years. The collaboration targets both utility-scale ground-mounted systems and C&I applications, utilizing the company's self-developed liquid-cooling technologies to support regional grid stability and peak shaving. This agreement marks a major expansion in the domestic market for the Shanghai-headquartered firm, which intends to deploy its high-density battery solutions to help meet China's dual carbon objectives.²¹⁸
- *Apr 17th:* East Penn Manufacturing announced a major expansion of its industrial battery manufacturing operations in Temple, Bell County, Texas, U.S. The company planned a multimillion-dollar capital investment to scale up production capacity and strengthen the domestic supply chain for critical energy storage solutions.²¹⁹
- *Apr 16th:* HyperStrong announced that its HyperBlock M modular BESS received seven key certifications from TÜV Rheinland during the 14th Energy Storage International Conference and Expo in Beijing, China. These certifications, including the TÜV Bauart Mark and CE recognition, validate the system's compliance with international safety and grid-integration standards for utility-scale applications. The approval enables the company to accelerate its expansion into global markets, specifically targeting Europe and North America, as it aims to meet a 2026 delivery target of 70 GWh.²²⁰
- *Apr 15th:* EVE Energy announced the global launch of its new ultra-high capacity 6.9 MWh BESS container during a dedicated industry event in Huizhou, Guangdong Province, China. Concurrently, the manufacturer stated that it successfully signed strategic supply agreements totaling over 50 GWh for its large-format lithium iron phosphate battery cells. These multi-billion-yuan supply contracts were secured with several international energy developers to support utility-scale storage deployments through 2030. The new high-density energy storage platform received formal technical and safety approval from the China Electric Power Research Institute (CEPRI).²²¹
- *Apr 14th:* Hithium announced that its next-generation Hithium Container project (6.25 MWh BESS) successfully achieved international certification following rigorous large-scale fire testing in Xiamen, Fujian

²¹⁴ <https://asian-power.com/energy-storage/news/rongke-power-unveils-high-capacity-flow-battery-system>

²¹⁵ <https://www.prnewswire.com/news-releases/viridis-rpslinkin-battery-energy-storage-system-receives-ul-9540-listing-from-tuv-rheinland-302744069.html>

²¹⁶ <https://www.euractiv.com/section/energy/news/spain-secures-major-battery-plant-investment-from-hithium-in-navarre/>

²¹⁷ <https://www.prnewswire.com/news-releases/narada-launches-next-generation-aidc-backup-power-system-aion-x-rate-302737854.html>

²¹⁸ <https://www.greenbuildingafrica.co.za/jinko-ess-signs-1-1-gwh-energy-storage-cooperation-deal-in-shaanxi/>

²¹⁹ <https://www.prnewswire.com/news-releases/east-penn-manufacturing-chooses-temple-for-major-expansion-302736141.html>

²²⁰ <https://www.hyperstrong.com/en/news/company-news/94>

²²¹ <https://www.prnewswire.com/news-releases/eve-energy-launches-6-9mwh-bess-globally-signs-over-50gwh-in-large-format-battery-deals-302735657.html>

Province, China. The kAh-level ESS demonstrated advanced thermal-runaway containment and superior fire-safety protocols during the comprehensive evaluation.²²²

- *Apr 9th*: Envision Energy announced the official launch of a massive 12.5 MWh BESS container integrated with proprietary artificial intelligence management software. Concurrently, the company initiated mass commercial production of its advanced 790 Ah LFP cells at its manufacturing hub in Shanghai, China.²²³
- *Apr 9th*: Youwind announced the launch of a dedicated BESS modeling module within its engineering software platform to accelerate the development of hybrid renewable energy projects. Operating out of Stockholm, Stockholm County, Sweden, the technology provider designed the tool to help developers optimize the co-location of offshore wind and energy storage assets.²²⁴
- *Apr 9th*: EORA Energy, a Sydney-headquartered vanadium redox flow battery (VRFB) company, officially launched in Australia with a national development pipeline focused on long-duration energy storage (LDES). Led by CEO and co-founder James Costello, the firm is targeting high-demand sectors, including mining (to reduce diesel dependence), hyperscale data centers (engaging with partners such as Amazon, Microsoft, and Google for grid firming), and regional infrastructure. EORA's strategy emphasizes the durability of VRFB technology—offering over 20 years of operation without degradation—while leveraging Australia's vast vanadium reserves to establish a locally anchored manufacturing and deployment strategy.²²⁵
- *Apr 8th*: ZincFive announced the global launch of a specialized nickel-zinc retrofit kit designed to modernize existing uninterruptible power supply (UPS) energy storage infrastructure. Unveiled from the company's headquarters in Tualatin, Washington County, Oregon, U.S. the system enabled mission-critical data centers to seamlessly upgrade legacy lead-acid units to high-density, low-footprint battery platforms.²²⁶
- *Apr 7th*: Cornex announced the unveiling of a next-generation 165 Ah sodium-ion prismatic cell specifically engineered for stationary energy storage applications. Unveiled at the company's research headquarters in Wuhan, Hubei Province, China, the new battery technology was designed to offer a lower-cost, highly stable alternative to traditional lithium-based chemistry. The multi-million-yuan research and development initiative received formal technical certification and safety approval from the China Electric Power Research Institute (CEPRI) ahead of mass commercial production.²²⁷
- *Apr 7th*: Inpow Battery announced the development of an industry-first 587 Ah semi-solid-state battery cell engineered exclusively for utility-scale applications. Unveiled at a technology showcase in Nanjing, Jiangsu Province, China, the next-generation cell employed an advanced electrolyte design to significantly mitigate the risk of thermal runaway in large BESS deployments.²²⁸
- *Apr 2nd*: LONGi announced the launch of its LONGi One strategic platform, a newly integrated architecture combining advanced solar generation with high-efficiency BESS solutions. Unveiled at the company's headquarters in Xi'an, Shaanxi Province, China, the comprehensive system aimed to streamline deployment and lower the levelized cost of energy for utility-scale developers.²²⁹

²²² <https://www.prnewswire.com/news-releases/hithiums-kah-level-6-25mwh-bess-receives-international-certification-following-large-scale-fire-test-302733785.html>

²²³ <https://www.pv-tech.org/envision-debuts-12-5mwh-bess-commences-790ah-cell-production/>

²²⁴ <https://www.power-technology.com/news/youwind-adds-bess-modeling-to-renewables-platform/>

²²⁵ <https://www.pv-magazine-australia.com/2026/04/09/vrf-long-duration-batteries-answer-demands-of-electricification-eora-energy/>

²²⁶ <https://www.businesswire.com/news/home/20260408050166/en/ZincFive-Announces-Nickel-Zinc-Retrofit-Kit-to-Modernize-Existing-UPS-Energy-Storage-Infrastructure>

²²⁷ <https://asian-power.com/energy-storage/news/cornex-unveils-stationary-sodium-ion-battery-cell>

²²⁸ <https://www.pv-magazine.com/2026/04/07/inpow-battery-debuts-587-ah-semi-solid-state-cell-for-energy-storage/>

²²⁹ <https://www.pv-tech.org/longi-launches-longi-one-hybrid-solar-bess-platform/>

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Equipment Supply, EPC and O&M Service Agreement Awards

International

- *Apr 29th:* Levanta Renewables announced the awarding of a major engineering, procurement, and construction (EPC) contract to the China Energy Engineering Group for a hybrid renewable energy facility in Ninh Thuan Province, Vietnam. The contractor was selected to build the Levanta Hybrid project (50 MW Solar PV + 15 MW / 30 MWh BESS) to deliver reliable, dispatchable clean power directly to the regional grid.²³⁰
- *Apr 29th:* Sumitomo Electric announced an agreement to supply an advanced vanadium redox flow battery system for a utility-scale energy storage facility located in Hokkaido Prefecture, Japan. The equipment manufacturer contracted to deliver the Hokkaido Flow project (15 MW / 60 MWh BESS) to provide long-duration grid stabilization and balance intermittent regional wind generation.²³¹
- *Apr 28th:* Saft announced an agreement to supply additional battery containers to double the capacity of a major energy storage facility in Ruakākā, Northland Region, New Zealand. The equipment provider was contracted to expand the Ruakākā project (200 MW / 400 MWh BESS) to provide enhanced grid balancing and reserve power for the national electricity market.²³²
- *Apr 28th:* Equis Australia announced the selection of GenusPlus Group as the engineering, procurement, and construction (EPC) contractor for a large-scale energy storage facility in Koolunga, Port Pirie Regional Council, South Australia, Australia. The contractor was tasked with building the Koolunga project (200 MW / 800 MWh BESS) to provide crucial four-hour dispatchable power and frequency control to the regional grid.²³³
- *Apr 27th:* Industry analysts announced a comprehensive market report projecting that Brazil could successfully deploy a massive 7 GW energy storage pipeline across the country by 2035. The study emphasized that integrating large-scale BESS portfolios would be critical to reducing regional curtailment and optimizing the nation's rapidly expanding wind and solar generation sectors.²³⁴
- *Apr 16th:* SSE Renewables announced the selection of key contractors to deliver a major standalone energy storage facility located in Dungannon, County Tyrone, Northern Ireland, United Kingdom. The company awarded engineering and supply contracts for the Dungannon project (100 MW / 200 MWh BESS) to provide critical frequency response and balancing services to the all-island single electricity market.²³⁵
- *Apr 10th:* e-STORAGE announced that it secured a supply contract to deliver a utility-scale ESS for Drax Group in Selby, North Yorkshire, United Kingdom. The company planned to provide the Drax power station project (420 MWh BESS) to deliver essential grid stability and frequency response services to the national power network.²³⁶
- *Apr 9th:* Sungrow and Enevo Group announced the signing of a landmark supply agreement to support a massive energy storage pipeline across Romania. The strategic partnership focused on delivering critical equipment for the Romanian Storage Hub project (1 GW / 1 GWh BESS) to accelerate the nation's energy transition and stabilize the national grid.²³⁷

²³⁰ <https://asian-power.com/power-utility/news/levanta-renewables-taps-ceec-for-hybrid-project>

²³¹

²³² <https://www.powerengineeringint.com/energy-storage/saft-doubles-new-zealand-bess-capacity/>

²³³ <https://www.pv-magazine-australia.com/2026/04/28/genusplus-lands-epc-contract-for-200-mw-koolunga-battery/>

²³⁴ <https://www.bnamerica.com/en/news/brazil-energy-storage-market-projected-to-hit-7gw-by-2035>

²³⁵ <https://www.current-news.co.uk/sse-names-delivery-partners-for-northern-ireland-battery-project/>

²³⁶ <https://www.prnewswire.com/news-releases/e-storage-to-deliver-420-mwh-battery-energy-storage-system-for-drax-in-the-united-kingdom-302729569.html>

²³⁷ <https://www.prnewswire.com/news-releases/sungrow-and-enevo-group-sign-landmark-1gwh-energy-storage-agreement-to-power-romania-energy-transition-302726068.html>

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Optimization and Virtual Toll Agreement Awards

United States

- *Apr 15th:* Matrix Renewables announced a strategic partnership with EDF to optimize and manage its flagship utility-scale energy storage facility located in Scotland, United Kingdom. The companies executed a route-to-market agreement for the Scottish Flagship project (500 MW / 1000 MWh BESS) to leverage EDF's advanced trading capabilities and maximize revenues across ancillary service markets.²³⁸
- *Apr 15th:* Habitat Energy announced its formal expansion into the PJM Interconnection wholesale electricity market in the U.S. to offer advanced BESS optimization and trading services. The strategic expansion aimed to help regional asset owners maximize the value of their utility-scale energy storage deployments through proprietary artificial-intelligence and algorithmic-trading platforms.²³⁹

International

- *Apr 28th:* BW ESS announced the signing of a 10-year floor pricing agreement with EDF for a massive 1.2 GWh BESS in the United Kingdom. This strategic route-to-market partnership ensures minimum revenue guarantees while allowing the massive infrastructure asset to actively participate in the UK's dynamic merchant power and ancillary services markets.²⁴⁰
- *Apr 28th:* Vindr announced a strategic partnership with Capalo AI to optimize and trade power from a hybrid renewable energy facility in Latvia. The developer tapped the technology firm's advanced artificial intelligence algorithms to manage site dispatch, maximizing profitability across the Baltic wholesale and balancing markets.²⁴¹
- *Apr 27th:* Grenergy announced the execution of a 12-year tolling agreement for a large-scale hybrid renewable energy facility in Spain. The long-term contract covers the integration and operation of a 680 MWh BESS alongside existing generation to capture excess daytime power and provide dispatchable energy during peak hours.²⁴²
- *Apr 22nd:* Bison Energy announced the signing of a major 240 MW battery off-take agreement with Tokyo Gas in Japan. The long-term contract secures capacity and dispatch rights for a pipeline of utility-scale energy storage facilities being developed across the country. This strategic commercial partnership received formal board approval from both entities, aiming to enhance regional grid stability and support Japan's ongoing transition toward higher renewable energy penetration.²⁴³
- *Apr 18th:* European Energy announced the selection of Twig to optimize operations at an existing solar farm recently integrated with battery storage in Denmark. The developer contracted the software platform to manage the Danish hybrid project, enhancing grid flexibility and maximizing capture prices by strategically shifting power exports.²⁴⁴
- *Apr 16th:* Centrica announced a successful expansion of its energy storage optimization portfolio in Sweden, taking on the commercial management of 110 MW of distributed BESS assets. The energy services provider was contracted to leverage its proprietary trading platform to maximize revenue for the portfolio across the Nordic frequency-containment and reserve markets. The optimization agreements received formal technical integration approval from the Swedish transmission system operator, Svenska kraftnät.²⁴⁵
- *Mar 31st:* Hamburg-based Suena Energy announced a partnership with project developer Münch Energie to take over the commercial optimization of a 300 MWh battery storage cluster in Saxony-Anhalt, Germany. The portfolio consists of three assets, each with a rated output of 49.5 MW and a capacity of 101 MWh. One

²³⁸ <https://www.prnewswire.com/news-releases/matrix-renewables-partners-with-edf-to-optimize-flagship-500mw-battery-storage-project-in-scotland-302728153.html>

²³⁹ <https://www.businesswire.com/news/home/20260415643233/en/Habitat-Energy-Expands-Into-PJM>

²⁴⁰ <https://www.current-news.co.uk/edf-secures-route-to-market-deal-for-massive-bw-ess-battery/>

²⁴¹ https://www.baltictimes.com/vindr_selects_capalo_ai_for_latvian_hybrid_project_optimization/

²⁴² <https://www.smart-energy.com/finance-investment/grenergy-inks-long-term-tolling-deal-for-major-spanish-storage-project/>

²⁴³ <https://asian-power.com/energy-storage/news/bison-energy-signs-240mw-bess-off-take-with-tokyo-gas>

²⁴⁴ <https://www.pv-magazine.com/2026/04/18/european-energy-selects-twig-for-solar-and-storage-optimization-in-denmark/>

²⁴⁵ <https://www.power-technology.com/news/centrica-to-optimize-swedish-bess-assets/>

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of these is currently the largest "grey-power" co-located battery in Germany, sharing a grid connection with a 60 MWp solar farm while maintaining the ability to draw power directly from the grid for arbitrage.

Off-Take / PPA / Awards News

United States

- *Apr 23rd*: Plus Power announced a major energy storage agreement with the Tennessee Valley Authority (TVA) for the deployment of the Crawfish Creek Energy Storage project in Alabama. The developer contracted to deliver the utility-scale facility (200 MW / 800 MWh BESS) to strengthen regional power affordability, enhance grid reliability, and support broader energy dominance goals.²⁴⁶
- *Apr 22nd*: Tenaska announced a strategic agreement with the Tennessee Valley Authority (TVA) to develop a large-scale standalone battery energy storage facility in East Tennessee. The independent energy company committed an estimated \$ 300M capital investment to deploy the infrastructure, aiming to enhance local energy security, create regional jobs, and supply dispatchable capacity to the TVA grid.²⁴⁷
- *Apr 20th*: PowerSecure announced a contract to deliver an advanced hybrid microgrid solution for the Powder River Energy Corporation (PRECorp) in Wyoming, U.S. The company was tasked with deploying an integrated solar generation and ESS designed specifically to strengthen rural grid resiliency.²⁴⁸
- *Apr 16th*: PowerBank announced the signing of a strategic Letter of Intent (LOI) with NodiAI, a developer of modular high-density data centers. The partnership aims to co-locate advanced artificial intelligence computing infrastructure directly with existing standalone energy storage assets. The commercial agreement aimed to unlock additional revenue streams for BESS operators by leveraging behind-the-meter power for computationally intensive operations.²⁴⁹
- *Apr 13th*: Guadalupe Valley Electric Cooperative (GVEC) and Base Power announced the expansion of their strategic distributed energy partnership across GVEC's entire service territory in South-Central Texas. The joint initiative aims to deploy an aggregated 50 MW of residential battery capacity, creating a localized virtual power plant (VPP) to enhance grid reliability and lower peak demand costs.²⁵⁰

International

- *Apr 29th*: Aggreko and Harmony Gold announced the signing of a major PPA to deliver Australia's largest off-grid hybrid renewable energy facility. The contractor will deploy the customized off-grid power system—combining solar PV, wind, and battery energy storage—to supply clean electricity directly to Harmony Gold's remote mining operations.²⁵¹
- *Apr 28th*: Enrich Energy announced that it secured a major contract from the National Thermal Power Corporation (NTPC) to develop a 290 MWh BESS in India. The award marked the company's strategic entry into the utility-scale energy storage sector.²⁵²
- *Apr 26th*: Amazon announced a massive expansion of its clean energy portfolio in Australia by signing nine new renewable energy procurement contracts. The tech giant executed corporate CPPAs covering a diverse mix of wind and solar assets designed to power its regional data centers, fulfillment networks, and corporate operations. The multi-million-dollar capacity commitments align with the company's global initiative to match 100% of its electricity consumption with renewable generation.²⁵³

²⁴⁶ <https://www.prnewswire.com/news-releases/tva-and-plus-powers-crawfish-creek-energy-storage-sign-on-200-mw-battery-project-to-strengthen-power-affordability-and-american-energy-dominance-302748962.html>

²⁴⁷ <https://www.prnewswire.com/news-releases/tenaska-tva-sign-on-battery-project-bringing-energy-security-jobs-and-300-million-investment-to-east-tennessee-302747945.html>

²⁴⁸ <https://www.prnewswire.com/news-releases/powersecure-to-deliver-advanced-energy-storage-and-solar-for-precorp-strengthening-rural-grid-resiliency-302744346.html>

²⁴⁹ <https://www.prnewswire.com/news-releases/powerbank-signs-loi-with-modular-data-center-company-nodi-ai-unlocking-potential-additional-revenue-from-existing-energy-assets-302736303.html>

²⁵⁰ <https://www.businesswire.com/news/home/20260413969089/en/GVEC-and-Base-Power-Expand-Partnership-to-Full-Service-Territory-Delivering-50-MW-of-Residential-Battery-Capacity>

²⁵¹ <https://www.australianmining.com.au/news/harmony-gold-partners-with-aggreko-for-massive-off-grid-hybrid-power/>

²⁵² <https://www.saurenergy.com/solar-energy-news/enrich-energy-makes-large-scale-bess-debut-with-290-mwh-ntpc-order>

²⁵³ <https://www.utilitymagazine.com.au/amazon-secures-major-australian-renewable-energy-portfolio/>

- *Apr 25th:* RWE announced the execution of a strategic multi-asset tolling agreement with energy storage developer Polarium. The long-term commercial partnership allows RWE to optimize and trade the capacity from a distributed portfolio of Polarium's BESS across European markets. The financial arrangement received formal corporate-execution approval, enabling RWE to leverage its advanced algorithmic trading platforms to maximize revenues in both the wholesale and frequency ancillary service markets.²⁵⁴
- *Apr 21st:* PGE announced the selection of an engineering, procurement, and construction (EPC) contractor for a massive utility-scale energy storage facility in Poland. The state-owned utility awarded the contract to build the 800 MWh BESS project, which is designed to provide crucial frequency regulation and balance the country's rapidly growing renewable generation fleet.²⁵⁵
- *Apr 21st:* Pace Digitek announced the successful acquisition of a ₹ 4,945.4M engineering, procurement, and construction (EPC) contract from NTPC for a major utility-scale energy storage facility. The contractor was selected to deploy the Nabinagar BESS project in Bihar, India, integrating high-capacity battery systems to stabilize the regional power grid.²⁵⁶
- *Apr 17th:* Sunsure Energy announced the signing of three consecutive PPAs with Wonder Cement to supply clean power to its manufacturing facilities. The renewable energy developer is committed to delivering a combined 30 MWp of solar capacity generated from open-access solar installations across Maharashtra and Uttar Pradesh, India.²⁵⁷
- *Apr 8th:* Green Energy Storage (GES) and TenneT announced that they signed a first-of-its-kind Capacity Steering Contract (CSC) for the Sequoia project (200 MW / 800 MWh BESS) in Oosterhout, North Brabant, Netherlands. The agreement combines a CSC with a time-based transport right (TDTR), making Sequoia the first "congestion mitigator" that TenneT can actively control to relieve the high-voltage grid. Under this framework, authorized by the Netherlands Authority for Consumers and Markets (ACM), the project will receive priority access to the grid connection queue and is scheduled for commissioning in 2027.²⁵⁸
- *Mar 31st:* Pexapark reported that it registered 663.5 MW / 1,327 MWh of European BESS PPAs during March 2026. Key transactions included a two-year battery optimization agreement between Matrix Renewables and EDF for the Eccles project (500 MW / 1,000 MWh BESS) in Scotland, UK, which is scheduled for operation in 2027. In the Netherlands, Energy Solutions Group (ESG) signed a two-year deal with enspired and Flexcity for a co-located project (15 MW / 30 MWh BESS), while in Saxony-Anhalt, Germany, Münch Energie and Suena Energy finalized two-year agreements for three assets totaling 150 MW / 300 MWh, including one co-located and two standalone systems.²⁵⁹

²⁵⁴ <https://www.utilitydive.com/news/rwe-polarium-energy-storage-tolling-agreement/>

²⁵⁵ <https://www.balkangreenenergynews.com/pge-awards-epc-contract-for-800-mwh-battery-storage-in-poland/>

²⁵⁶ <https://energystoragepro.com/2026/04/21/pace-digitek-secures-%e2%82%b94945-4-million-bess-epc-contract-from-ntpc-for-nabinagar-project-in-bihar/>

²⁵⁷ <https://www.prnewswire.com/in/news-releases/sunsure-energy-signs-3-consecutive-pas-with-wonder-cement-delivering-30-mwp-across-maharashtra-up-302735749.html>

²⁵⁸ <https://green-energystorage.nl/en/current-affairs/ges-en-tennet-sluiten-eerste-capaciteitssturingscontract-met-een-congestieverzachter-voor-batterijproject-sequoia/>

²⁵⁹ <https://www.renewableenergymagazine.com/storage/suena-energy-takes-over-commercial-optimisation-of-20260331>

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Open Energy Storage RFPs/RFPs/RFPs

United States

Off-Taker	Description
CEC	California Energy Commission (CEC) – GFO-25-306 The CEC released the "Solar PV Located in Non-traditional Terrain" (SPLINT) grant opportunity on March 18, 2026. This solicitation provides funding for innovative solar installations on non-traditional surfaces, such as parking lots, canals, or brownfields, often paired with storage to maximize land use. Applications for this specialized funding round are being accepted through June 9, 2026. Link
CSU	Colorado Springs Utilities – 2026 Sustainable Energy Plan RFP Colorado Springs Utilities intends to issue a major RFP to secure 1,250 MW of new renewable energy and storage capacity to meet its 2030 carbon-reduction goals. The utility is specifically seeking approximately 525 MW of solar, 625 MW of wind, and 100 MW of energy storage, along with 350 MW of natural gas, to ensure baseload reliability. This solicitation follows a strategic adjustment in 2025 to manage rising contract costs while maintaining a target integration date of May 2028 for these new resources. Link.
DTE Energy	DTE Energy – Standalone Storage DTE Energy announced a new Request for Proposal on April 22, 2026, seeking developers for standalone energy storage projects totaling up to 480 MW. Projects must be located within Michigan and interconnected to the Midcontinent Independent System Operator or the local distribution-level transmission system, and achieve commercial operation by the first quarter of 2029. Bids are due by July 8, 2026, following a virtual pre-RFP conference scheduled for early May. Link.
Duke	Duke Energy Carolinas/Progress – 2026 Solar & Storage RFP Duke Energy Carolinas and Duke Energy Progress released draft pre-issuance documents in March and April 2026 for their upcoming solar and battery storage procurement programs. The 2026 Solar RFP targets 770 MW of solar capacity, which includes up to 385 MW paired with lithium-ion battery storage systems. Simultaneously, the companies are developing a separate South Carolina Battery RFP specifically for 400 MW of standalone four-hour battery energy storage. Stakeholder engagement sessions were held throughout April to finalize requirements for these solicitations, with the formal bid windows for both programs scheduled to open in July 2026. Link.
Georgia Power	Georgia Power – 2026 All-Source Capacity Need Georgia Power filed a request with state regulators on April 23, 2026, to initiate an all-source capacity solicitation for 2,000 to 6,000 MW of new resources. The utility is seeking to procure these resources to meet projected energy demand for the 2032 through 2033 period, with a focus on dispatchable generation. The requested technologies include standalone BESS, renewables paired with storage, and thermal generation. If the proposal is approved, the company plans to issue the formal RFP and begin accepting bids in the second quarter of 2026, with final project certifications expected in 2027. Link.
IESO	Ontario IESO Long Lead-Time RFP The Independent Electricity System Operator (IESO) in Ontario updated its Long Lead-Time Request for Proposals (LLT RFP) on April 23, 2026. This solicitation seeks up to 800 MW of capacity and 1 TWh of energy from new-build projects with development timelines of five or more years, specifically including long-duration storage and reservoir hydroelectricity. Eligible resources must demonstrate the ability to achieve commercial operation by May 2035 and provide at least eight hours of storage duration to meet reliability needs. Link.
LADWP / SCPPA	LADWP / SCPPA – 2026 Q1-Q2 Renewables & Storage RFP The Southern California Public Power Authority (SCPPA), on behalf of the Los Angeles Department of Water and Power, opened a solicitation for renewable energy and storage solutions on February 27, 2026. The RFP seeks a variety of projects, including grid-scale battery storage and solar-plus-storage, with specific technical requirements for projects within LADWP's balancing authority. Clarification questions were accepted through March, and final proposals are due by June 30, 2026. Link.
LES	Lincoln Electric System – SPP Capacity Solicitation Lincoln Electric System (LES) is currently soliciting discussions with entities interested in providing firm or deliverable capacity within the Southwest Power Pool (SPP) region. This request is designed to meet LES's load and reserve requirements for the 2026–2030 period, and the utility is open to all offers regardless of capacity amount, term length, or participation type. Interested parties are directed to contact the Manager of Energy & Environmental Operations, Dennis Florom, at dflorom@les.com to initiate discussions. Link.
IPA	Illinois Power Agency Summer 2026 Energy Storage RFP The Illinois Power Agency (IPA) announced on April 22, 2026, regarding the Summer 2026 Energy Storage RFP, including the release of draft contracts and proposal requirements. This solicitation aims to secure energy storage capacity to improve grid reliability and support the integration of the state's growing

Off-Taker	Description
	renewable energy resources. The agency held a stakeholder workshop on April 28 to discuss the preliminary documents and gather feedback on the qualification requirements for the upcoming bid window. Formal bid submissions will be managed through the state's procurement platform once these project criteria are finalized. Link .
LIPA	Long Island Power Authority 2026 PJM Request for Proposals PSEG Long Island, acting on behalf of the Long Island Power Authority, issued the 2026 PJM Request for Proposals on April 21, 2026. This solicitation seeks to acquire capacity or combined capacity and energy from eligible generating facilities located within specified zones of the PJM Control Area. The requested resources will be secured under a 10-year contract term. Final proposals for this solicitation are due by May 12, 2026. Link .
National Grid	National Grid Non-Wires Alternative RFP National Grid issued a Request for Proposals for Non-Wires Alternative (NWA) opportunities on April 14, 2026, targeting the deployment of distributed energy resources. The utility is seeking projects such as battery energy storage and demand response to mitigate local grid constraints and defer expensive infrastructure upgrades. This solicitation specifically aims to leverage localized storage capacity to maintain system reliability in regions with high energy demand. Bids for these NWA projects are due by June 5, 2026, and will be evaluated based on their ability to provide cost-effective grid support. Link .
NJ BPU	New Jersey BPU – Virtual Power Plant The New Jersey Board of Public Utilities issued a Request for Information in March 2026 to solicit feedback on the development of a state-administered Virtual Power Plant program. This RFI seeks input from developers and aggregators on how to effectively bundle behind-the-meter distributed energy resources, such as battery storage, to provide grid reliability. The board intends to use the gathered information to coordinate these distributed assets with larger-scale storage initiatives and ensure they can participate in the regional capacity market. Comments and information from interested parties were collected through late April to inform the formal program design. Link .
NYSERDA	NYSERDA 2026 Renewable Energy Standard Solicitation (RESRFP26-1) The New York State Energy Research and Development Authority released its tenth annual Renewable Energy Standard request for proposals on April 24, 2026. This solicitation seeks to procure Tier 1-eligible Renewable Energy Certificates from new or repowered facilities that support the state's clean energy goals. Proposers must first complete a Step One eligibility application to demonstrate facility viability and eligibility before proceeding to the competitive bidding phase. Step One eligibility applications are due by May 19, 2026, with final bid proposals expected to follow in late July. Link .
City of Pasadena	City of Pasadena – 2026-RFP-0080 The "All-Source Carbon-Free Energy Resources and Energy Storage" RFP was issued on March 18, 2026. It calls for a variety of carbon-free technologies and ESS with at least 4 hours of duration. The deadline to submit final proposals for this solicitation is May 29, 2026. Link .
PG&E	PG&E CPE 2026 Local Resource Adequacy RFO Pacific Gas and Electric Company, acting as the Central Procurement Entity, reached a key notification milestone in mid-April 2026 for its 2026 Local Resource Adequacy Request for Offers. This solicitation aims to procure local capacity to meet multi-year requirements for the 2027 through 2029 compliance years for all load-serving entities in its distribution area. During this April phase, the utility notified participants of the status of their competitive offers and informed the Cost Allocation Mechanism Procurement Review Group of continuing offers. The procurement process is now moving toward an estimated execution timeframe for the agreement in early August 2026. Link .
Rock Island Arsenal	Rock Island Arsenal Microgrid Construction RFP The U.S. Army Corps of Engineers Louisville District updated its pre-solicitation notice on March 24, 2026, announcing the formal issuance of the "Construction of a Microgrid at Rock Island Arsenal" RFP for April 10, 2026. The agency is requesting the construction of a comprehensive microgrid system that includes 14 MW of natural-gas generators, 3 MW of solar panels, and a 400-kilowatt/1.6-MWh ESS. Specific bid submission deadlines will be detailed within the official solicitation documents posted to the SAM.gov portal during the April release. Link .
SRP	Salt River Project (SRP) – 2026 All-Source RFP The 2026 All-Source Request for Proposals was released on February 23, 2026. This solicitation seeks up to 2,900 MW of carbon-free energy and peak capacity resources, including solar, wind, and battery storage. Pre-bid information was due in early April, and full proposals are required by April 29, 2026. Link .
SVCE	Silicon Valley Clean Energy (SVCE) – 2026 New Build RFO This 2026 Request for Offers for New Build Carbon Free Energy and Storage Projects was released on February 5, 2026. The solicitation sought new-build carbon-free energy and long-duration storage projects with 10- to 20-year contract terms. While initial bids were due on March 4, 2026, shortlist notifications to selected participants are scheduled for April 2026. Link .

Off-Taker	Description
SWEPCO	SWEPCO – 2026 All-Source RFP Southwestern Electric Power Company (SWEPCO) posted a draft for its 2026 All-Source RFP on March 25, 2026, seeking up to 3,000 MW of capacity. The request includes Purchase and Sale Agreements (PSA) and PPA for wind, solar, and BESS within the SPP. The official RFP issuance is set for May, but the technical conference and preliminary documentation were released in late March, with final bids due July 29, 2026. Link.
Town of Wardsboro	Town of Wardsboro Solar and Battery Storage Upgrades RFP The Town of Wardsboro, Vermont, issued a Request for Proposals titled "Design and Installation of Solar PV, Battery Storage, and Electric Vehicle Charger Upgrades" on April 22, 2026. The municipality is asking for qualified contractors to assess, design, and implement solar arrays and BESS at the local firehouse, town hall, and public library. Final proposals from interested bidders are due by May 18, 2026. Link.
Xcel Energy	Public Service Company of Colorado (Xcel Energy) – 2026 DDG RFP In January 2026, Xcel Energy previewed the "Dispatchable Distributed Generation" (DDG) RFP, which moved into active stakeholder engagement in February and March. The solicitation seeks at least 50 MW of front-of-the-meter, storage-paired renewable generation to be interconnected at the distribution level by June 2026. This is the first of several planned rounds, with a supplemental solicitation for up to \$ 110M in additional capacity expected later in the year. Link.

International

Off-Taker	Description
Argentina	Argentina Mega-Battery Tender – 700 MW / 2,800 MWh BESS Argentina officially launched a major tender on March 27, 2026, seeking 700 MW/2,800 MWh of battery storage capacity to modernize its national power grid. This solicitation focuses on four-hour-duration storage systems designed to reduce curtailment of renewable energy in regions with high solar and wind penetration. Procurement is a cornerstone of the country's strategy to improve transmission network stability, meet international climate commitments, and ensure a more reliable domestic energy supply. Link.
BMME	Brazil Ministry of Mines and Energy – 2026 Reserve Capacity Auction (LRCAP) Brazil's Ministry of Mines and Energy has launched a public consultation for its inaugural battery storage auction as part of the 2026 Reserve Capacity Auction. The draft rules require eligible systems to have a capacity greater than 30 MW, a daily power availability of more than 4 hours, and the ability to fully recharge within 6 hours, with a round-trip efficiency exceeding 85%. This initiative is designed to integrate large-scale battery systems to enhance grid stability and provide on-demand energy storage. Link.
Brazil	Brazil Ministry of Mines and Energy – 3 GW LRCAP Storage Auction The Brazilian government announced on March 23, 2026, that the upcoming LRCAP (Reserve Capacity Auction) will target approximately 3 GW of storage capacity. This auction marks a major shift in Brazil's energy strategy, introducing high-capacity BESS to complement the country's hydropower and solar resources. The systems will serve as a capacity reserve to ensure grid reliability, specifically during high-demand evening hours. Link.
CUED	Unified Council of Electricity Companies (CUED) – 600 MW Renewable Tender 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. In a national first, the bidding process mandates that BESS be included as an essential component of every proposed project. This tender represents a significant shift in the country's procurement strategy to ensure renewable integration is paired with grid stability. Link.
EBRD	EBRD & Jordan Ministry of Energy – Renewable Energy Tenders The European Bank for Reconstruction and Development (EBRD) is collaborating with Jordan to launch three significant renewable energy tenders. The procurement package includes a 200 MW solar project, a 100 MW wind project, and a 100 MWh BESS project. These tenders are part of a broader effort to modernize Jordan's energy mix and increase the share of flexible, carbon-free resources on the national grid. Link.
EWA	Bahrain Electricity and Water Authority (EWA) – 150 MW Solar Tender Bahrain's Electricity and Water Authority is set to launch the country's first major solar power plant tender for a capacity of up to 150 MW. This project is a key component of the National Renewable Energy Plan and aims to support the country's diversification of its power sector. The target for the commencement of commercial operations is the third quarter of 2027. Link.
DEWA	Dubai Electricity and Water Authority (DEWA) – Solar Park Phase 7

Off-Taker	Description
	The Dubai Electricity and Water Authority has invited global developers to participate in Phase 7 of the Mohammed bin Rashid Al Maktoum Solar Park. This phase offers a capacity of 1,600 MW (with potential expansion to 2,000 MW) using PV solar panels and a massive integrated BESS with 1,000 MW/6,000 MWh. This expansion builds on the park's current output of 3,860 MW and is part of Dubai's long-term strategy for 100% clean energy by 2050. Link .
Dominican Republic's Ministry of Energy and Mines	Dominican Republic Renewables and Storage Tender The Dominican Republic's Ministry of Energy and Mines opened bids for a renewables tender on April 14, 2026. The solicitation focuses on securing long-term PPAs for new wind and solar projects. A key mandate of this tender is the integration of BESS with renewable generation. Qualified developers must submit their formal proposals in accordance with the timeline detailed in the procurement documents. Link .
European Commission	European Commission – RENEWFM Third Cross-Border Solar Tender Launched on March 3, 2026, this tender provides € 54.9M in investment support for ground-mounted solar and solar-plus-storage projects. The funding, provided by Luxembourg, is specifically for projects to be hosted in Bulgaria and Finland to help meet the EU's collective climate targets. Bidders have an extended timeline for this international solicitation, with the final application deadline set for September 1, 2026. Link .
France	France – 2.9 GW Solar and Grid Flexibility Tenders Following the adoption of the third Multiannual Energy Program (PPE 3) in February 2026, the French government has launched a series of tenders to procure a total of 2.9 GW of new capacity. The solicitations focus on large-scale solar arrays and various "flexibility" assets, such as standalone battery storage, to modernize the national grid. The economic outlook for these projects is further bolstered by the anticipated "TURPE 7" tariff reform scheduled for August 2026, which is expected to lower connection costs and improve the financial viability of storage. Developers are currently submitting bids for the first 2026 tranches to meet the country's updated decarbonization milestones. Link .
Genera PR	Genera PR Demolition and BESS Installation RFP Genera PR announced the upcoming Request for Proposals for the demolition of an existing warehouse and the installation of a BESS at the Palo Seco Plant on April 8, 2026, in a regulatory filing. The issuer is seeking qualified contractors to handle both the site clearing and the full deployment of utility-scale energy storage hardware at the facility. While the April progress report confirmed the formal solicitation will be officially posted in the second quarter of 2026, specific bid submission deadlines will be established upon that final issuance. Link .
Ghana	Ghana Grid Company (GRIDCo) – National Grid Stabilization Tender On March 23, 2026, Ghana announced plans to launch a competitive bidding process for 200 MW of BESS. This initiative is designed to provide essential ancillary services and stabilize the national power grid against fluctuations. The procurement marks a significant step in the country's strategy to enhance energy reliability and integrate more intermittent renewable resources into its utility infrastructure. Link .
Greece	Greece – Third National BESS Auction Round The Regulatory Authority for Energy, Waste, and Water (RAAEEY) in Greece is concluding its third major auction round for battery energy storage, supported by funding from the EU's Recovery and Resilience Facility. As of March 2026, winners from the initial rounds (totaling approximately 1 GW) are reaching final grid connection, while the new round targets additional capacity to mitigate the "duck curve" effect caused by high solar penetration. Market trends in Greece show a significant pivot by investors away from standalone solar—which has faced frequent negative pricing—toward hybrid wind-plus-storage and standalone BESS projects. These storage assets are currently highly valued, with "ready-to-build" projects commanding significant premiums in the secondary market. Link .
Grenada	Grenada National BESS Procurement Early Market Engagement. The government of Grenada opened an early market engagement request on March 16, 2026. The country is seeking technical input and market feedback to inform the upcoming national procurement of a BESS. This engagement aims to gather insights from international developers and storage providers before finalizing the formal tender requirements. Responses for this initial market engagement phase were collected in late March. Link .
IESO	Ontario IESO Long Lead-Time RFP The Independent Electricity System Operator (IESO) in Ontario updated its Long Lead-Time Request for Proposals (LLT RFP) on April 23, 2026. This solicitation seeks up to 800 MW of capacity and 1 TWh of energy from new-build projects with development timelines of five or more

Off-Taker	Description
	years, specifically including long-duration storage and reservoir hydroelectricity. Eligible resources must demonstrate the ability to achieve commercial operation by May 2035 and provide at least eight hours of storage duration to meet reliability needs. Link .
HPPCL	Himachal Pradesh Power Corporation (HPPCL) – 6 MW Solar + 2.1 MW BESS HPPCL invited bids on March 11, 2026, for an integrated 6 MW solar power plant and 2.1 MW battery storage system in Himachal Pradesh. Although smaller in scale, the project serves as a critical pilot to demonstrate the viability of solar-plus-storage hubs in mountainous regions with difficult terrain and transmission constraints. The facility will provide localized grid support and improve energy access for regional utilities. Link .
Italy	Italy (Terna) – MACSE Energy Storage Procurement Italy's Transmission System Operator, Terna, is currently overseeing the implementation phase of the Electric Storage Capacity Procurement Mechanism (MACSE). Following a landmark auction in late 2025 that secured nearly 10 GWh of storage, the focus in March 2026 has shifted to finalizing 15-year contracts with successful developers for immediate project delivery. These contracts provide developers with a fixed premium in exchange for essential grid services such as frequency regulation and fast reserve. This mechanism is a key part of Italy's plan to manage the high volume of solar energy generated in its southern regions and ensure reliable transmission to northern industrial centers. Link .
KREDL	Karnataka Renewable Energy Development Ltd (KREDL) – Ryapte Solar + BESS Tender KREDL has released a tender for the development of an integrated renewable energy project at Ryapte in Karnataka, featuring 250 MW of Solar PV paired with a 250 MW/1,100 MWh BESS. The project is specifically designed to supply peak power and optimize grid utilization at the existing Pavagada Solar Park. This large-scale storage component will help manage the region's high solar penetration by shifting energy delivery to high-demand periods. Link .
MOP	Indian Ministry of Power (MOP) – 30 GWh BESS Viability Gap Funding (VGF) The Indian Ministry of Power has approved a ₹5,400 crore financial allocation to facilitate the development of 30 GWh of battery storage capacity across 15 states and NTPC. Under this program, projects will receive Viability Gap Funding of ₹18 lakh per MWh. They will be awarded through Tariff-Based Competitive Bidding on a Build-Own-Operate (BOO) or Transfer (BOOT) basis. Interested entities must submit proposals to the Central Electricity Authority (CEA) within 60 days of the issuance of the guidelines to secure contracts ranging from 12 to 15 years. Link .
MOTIE	South Korea Ministry of Trade, Industry, and Energy (MOTIE) – 2026 BESS Solicitation The South Korean government is releasing a competitive solicitation for a total of 540 MW of battery storage capacity to support its national energy transition. The procurement is split into two categories: 500 MW of large-scale BESS located on the Korean mainland and an additional 40 MW BESS dedicated to Jeju Island. These central contracts are intended to provide long-term stability to the storage market and assist in managing the country's growing renewable energy fleet. Link .
NTPC	NTPC Vidyut Vyapar Nigam Limited (NVVN) – 125 MW/500 MWh BESS Tender NVVN, a subsidiary of NTPC Ltd, is procuring a standalone 125 MW / 500 MWh BESS to be located in Chhattisgarh. The project requires a 4-hour discharge duration and is intended to provide critical grid stability and manage peak loads. Detailed schedules for pre-bid meetings and final submission dates are managed and made visible to registered participants via the Bharat-ETS electronic tender portal. Link .
NTPC	NTPC Green Energy Limited (NGEL) – Ayodhya 100 MW Solar-plus-Storage NTPC Green Energy Limited invited bids on March 17, 2026, to select buyers for power generated from a 100 MW solar-plus-storage project in Ayodhya, Uttar Pradesh. The project is designed to provide firm, dispatchable renewable energy to help industrial or utility off-takers meet their sustainability targets. This solicitation focuses on securing long-term PPAs for the clean energy produced at the Ayodhya solar park. Link .
NTPC	NTPC – 100 MW Solar + 50 MW / 200 MWh Hybrid BESS Project NTPC issued a call for bids on March 24, 2026, for a hybrid energy project comprising 100 MW of solar PV paired with 50 MW/200 MWh of battery storage. By integrating four-hour storage, the facility is designed to provide dispatchable renewable energy that can support the grid during peak evening periods. This solicitation contributes to India's national goal of reaching 500 GW of non-fossil-fuel capacity and emphasizes a shift toward "firm" renewable energy solutions. Link .
New South Wales	New South Wales Government – 500 MW Firming Infrastructure Tender The New South Wales government, through AEMO Services Limited (ASL), has announced a new competitive tender for 500 MW of firming capacity to ensure grid reliability by 2028. The solicitation is technology-neutral, inviting bids from battery storage, gas peaker plants, and Virtual Power Plants

Off-Taker	Description
	(VPPs) capable of providing rapid-response power. This procurement specifically prioritizes projects located in the industrial and population hubs of Sydney, Newcastle, and Wollongong. Link .
Philippines Department of Energy	Philippines Department of Energy (DOE) – 9.4 GW Green Energy Auction The Philippines DOE has initiated a massive tender to integrate over 9.4 GW of new renewable energy into the national power mix, including solar and wind projects paired with storage. To ensure efficiency, the technical requirements mandate a minimum storage duration of 4 hours, an ESS inverter ratio of at least 0.2, and a round-trip efficiency of 85%. Winning developers will be awarded 20-year supply contracts starting from their respective commercial operation dates. Link .
Portugal Ministry of Environmental and Energy	Portugal Ministry of Environment and Energy – 750 MVA BESS Solicitation Portugal is launching a competitive bidding process for 750 MVA of battery energy storage as part of a larger € 400M investment in grid modernization. The initiative aims to enhance overall grid stability and mitigate the risk of future large-scale power outages across the country. The government intends to finalize and initiate the solicitation process before January 2026 to ensure the rapid deployment of these stabilization assets. Link .
POWERGRID	Power Grid Corporation of India (POWERGRID) – 500 MW / 1,000 MWh Punjab BESS On March 6, 2026, POWERGRID invited bids for a 500 MW/1,000 MWh BESS in Punjab. This project serves as a critical node in India's Inter-State Transmission System (ISTS), providing the balancing services necessary to manage renewable energy flows across state lines. The facility is designed to mitigate grid congestion and support the national effort to deploy grid-scale storage for long-term energy security. Link .
POWERGRID	POWERGRID – 50 MW / 100 MWh Targeted BESS POWERGRID launched a targeted tender on March 3, 2026, for a 50 MW / 100 MWh battery storage project in Punjab as part of a larger 500 MW statewide storage plan. This solicitation focuses on providing localized support to specific nodes within the Punjab distribution network to improve resilience in high-congestion areas. By deploying storage in smaller increments, the utility aims to reduce the immediate need for expensive, time-consuming transmission line upgrades. Link .
PSPCL	Punjab State Power Corporation (PSPCL) – 500 MW / 1,000 MWh Standalone BESS On March 12, 2026, PSPCL invited bids for a standalone 500 MW/1,000 MWh battery energy storage project in Punjab, India. This large-scale procurement aims to provide the regional grid with the flexibility to manage high seasonal demand and integrate more renewable power. As a standalone facility, the project is intended to provide ancillary services, including peak load shifting and frequency regulation, to the state utility. Link .
RERC	Rajasthan Rajya Vidyut Utpadan Nigam Ltd. (RRVUNL) – 500 MW / 1,000 MWh BESS The Rajasthan Electricity Regulatory Commission (RERC) has formally approved the tariffs for a 500 MW/1,000 MWh battery storage project to be developed under a Build-Own-Operate (BOO) framework. The solicitation includes a green shoe option that could allow for an additional 500 MW of capacity, doubling the total project scale. This project is eligible for Viability Gap Funding (VGF) from the central government to ensure the commercial feasibility of the storage services provided to the Rajasthan grid. Link .
Saudi Power Procurement Company	Saudi Power Procurement Company BESS Tender The Saudi Power Procurement Company launched a qualification process on April 23, 2026, for a massive tender involving 12 GWh of battery energy storage capacity. This program consists of six individual projects with a combined power output of 3 GW, each requiring a four-hour storage duration. The projects are distributed across several provinces, including Qassim, Makkah, Madinah, and the Eastern Province, as part of a national effort to reach 48 GWh of storage by 2030. Statements of qualifications from interested developers and consortia are due for submission by May 5, 2026. Link .
SECI	Solar Energy Corporation of India (SECI) – Nandiyal 600 MW / 1,200 MWh BoS Tender SECI has invited proposals for the Balance of System (BoS) for a major standalone battery storage project in Nandiyal, Andhra Pradesh. The facility is planned for a capacity of 600 MW with 1,200 MWh of storage, designed to provide firm, reliable support to the grid during peak hours. This solicitation focuses on the infrastructure and integration components necessary to bring this large-scale BESS online to balance intermittent renewable generation. Link .
SECI	SECI – 1 GW Round-the-Clock (RTC-TM) Power On March 10, 2026, SECI invited proposals under the RTC-TM-V scheme for developers to supply 1 GW of thermal-mimic renewable power. The tender mandates the integration of energy storage (BESS) to ensure a firm, dispatchable supply with a minimum annual demand fulfillment ratio of 90%. Developers are required to provide earnest money deposits of ₹9.54 lakh/MW for

Off-Taker	Description
	solar and ₹2.35 lakh/MWh for storage components, with the final bid submission deadline set for May 6, 2026. Link
SENI	Dominican Republic (SENI) – 600 MW Solar & Wind with Mandatory Storage The Dominican Republic has launched a tender for up to 600 MW of new solar and wind capacity, requiring that all projects include at least 4 hours of battery storage. This mandatory storage component is intended to maintain stability within the National Interconnected Electric System as renewable penetration increases. While the high-level requirement has been established, the detailed bidding schedule and final terms are expected to be released in the coming months. Link
SJVN	SJVN Limited – 250 MW / 500 MWh BESS for Haryana Utilities SJVN Limited is managing a procurement for a 250 MW / 500 MWh battery storage system (2-hour duration) on behalf of utilities in Haryana. The project is being developed under a Viability Gap Funding (VGF) scheme to ensure the commercial viability of the storage services. To participate in the bidding process, developers must submit an Earnest Money Deposit with their technical and financial proposals. Link
South Australian Government	South Australian Large-Scale Renewables and Storage Tender The South Australian government opened a technology-agnostic tender on April 9, 2026, inviting investors to bid for land development in the Gawler Ranges East and Whyalla West areas. While the solicitation focuses on land use, it specifically encourages proposals for large-scale renewable energy projects, including solar, wind, and energy storage facilities. The tender is designed to support the state's projected surge in electricity demand and its transition toward a hydrogen-based economy. Interested parties have a 13-week window to prepare their bids and engage with traditional custodians, with all submissions due by June 28, 2026. Link
Spanish Ministry	Spanish Ministry for Ecological Transition (MITECO) – Synchronous Storage Tender The Spanish government has launched a solicitation to award up to 1,259 MW of synchronous power-generating modules and storage capacity. This tender is specifically aimed at technologies that can provide the physical inertia and voltage control necessary to stabilize a grid with high levels of renewable generation. Applications for this capacity are being processed on a first-come, first-served basis, with an emphasis on rapid deployment for projects that meet the technical requirements. Link
St. Kitts and Nevis	St. Kitts and Nevis Basseterre Valley Solar and Battery Project RFP The Ministry of Public Infrastructure, Energy, and Utilities for Saint Kitts and Nevis launched the Request for Proposals for the Basseterre Valley Solar and Battery Project on March 30, 2026. The solicitation calls for the development and installation of a 50 MW Solar PV facility paired with a 30.5 MW/30.5 MWh BESS. Bids for this procurement are due following a 90-day bidding period, placing the final submission deadline around late June 2026. Link
Transgrid	Transgrid (Australia) – Grid-Forming Battery Tender This tender for System Strength Battery Procurement reached a major milestone on March 30, 2026. It calls for 2 GW of grid-forming batteries capable of providing synthetic inertia and grid stability. As of late March, the process has moved to a shortlist of 9 projects for final contract negotiations. Link
Republic of Tunisia	Republic of Tunisia – Bazma Solar-plus-Storage Tender A tender for the development of a 300 MW solar plant and 150 MW/540 MWh battery storage system was announced on March 10, 2026. The request seeks a developer to build and operate these facilities under a concession agreement in the Kebili governorate. Registration for the tender is open until May 8, 2026, and final bids are due October 14, 2026. Link
Tunisian Ministry of Industry	Tunisian Ministry of Industry – Gafsa 300 MW Solar + 150 MW BESS Tender The Tunisian Ministry of Industry, Mines, and Energy issued a tender on March 9, 2026, for a 300 MW solar plant paired with 150 MW / 540 MWh of storage in the Gafsa region. This represents Tunisia's first large-scale solar project to mandate a storage component specifically to ensure grid stability and a reliable evening supply. The project is a major piece of the government's 1.7 GW renewable energy procurement plan aimed at reducing the nation's reliance on gas imports. Link

General News

United States

- *Apr 28th:* Republican lawmakers introduced the "American Energy Dominance Act" in the U.S. Congress, proposing the removal of existing phase-out deadlines for the Investment Tax Credit (ITC) and Production Tax Credit (PTC). The federal legislative effort aimed to establish long-term tax certainty for renewable energy and energy storage developers, promoting sustained domestic infrastructure investment without a mandated sunset date. The proposed bill received formal introduction and awaited committee assignment and debate within the House of Representatives.²⁶⁰
- *Apr 27th:* FranklinWH Systems announced its selection to power the first-ever city-owned residential solar and battery pilot program in the U.S. The company was contracted to deploy its advanced home energy management platforms across a targeted municipality, integrating distributed residential storage to create a resilient, localized virtual power plant.²⁶¹
- *Apr 27th:* A U.S. federal judge issued a temporary ruling that lifted a de facto regulatory blockade halting the development of new utility-scale solar and wind projects on federal public lands. The judicial decision paused a previously enacted administrative moratorium that had significantly delayed Bureau of Land Management (BLM) environmental reviews and permitting for massive renewable energy and integrated BESS deployments across Western states. The preliminary injunction provided immediate regulatory relief to project developers to resume site assessments while broader litigation over federal land use continued.²⁶²
- *Apr 26th:* Solidion Technology announced plans to formally file a complaint under Section 337 of the Tariff Act against several global foreign battery manufacturers. The US-based technology company alleged that these international competitors unlawfully imported and sold battery energy storage products that infringed upon its patented advanced battery materials and architectures. The aggressive corporate legal strategy received formal board approval prior to its planned submission to the U.S. International Trade Commission (USITC).²⁶³
- *Apr 22nd:* The City of Socorro announced the receipt of state funding for a comprehensive grid modernization project in partnership with the Socorro Electric Cooperative and Nuvve in Socorro, Socorro County, New Mexico, U.S. The coalition planned to deploy advanced vehicle-to-grid (V2G) technologies and stationary energy storage solutions to enhance the reliability of the local distribution network. Backed by a major state infrastructure grant, the municipal deployment received formal financial and regulatory approval from the New Mexico Energy, Minerals and Natural Resources Department.²⁶⁴
- *Apr 18th:* Ava Community Energy announced the debut of its SmartHome Battery program, a comprehensive residential solar and storage initiative operating across Northern California, U.S. The community choice aggregator launched the program to incentivize homeowners to install BESS units, which will be aggregated to provide dispatchable clean capacity and reduce regional peak demand.²⁶⁵
- *Apr 13th:* Governor Abigail Spanberger signed House Bill 895 and Senate Bill 448, landmark legislation that mandates a massive expansion of energy storage in Virginia, US. The bills increase the state's total energy storage target to 20.78 GW by 2045 to address rising demand from data centers and improve grid reliability. The mandate requires the state's two major utilities to significantly scale their storage procurement: Dominion Energy must deploy 16,000 MW of short-duration and 3,480 MW of long-duration energy storage (LDES), while Appalachian Power is tasked with 780 MW of short-duration and 520 MW of LDES capacity.²⁶⁶

²⁶⁰ <https://www.power-eng.com/policy/lawmakers-introduce-bill-to-eliminate-itc-and-ptc-phase-outs/>

²⁶¹ <https://www.prnewswire.com/news-releases/franklinwh-systems-to-power-first-us-city-owned-residential-solar-and-battery-pilot-302754031.html>

²⁶² <https://www.reuters.com/legal/government/judge-lifts-blockade-on-federal-land-renewable-energy-projects-2026-04-27/>

²⁶³ <https://www.prnewswire.com/news-releases/solidion-technology-plans-to-file-section-337-tariff-act-complaint-against-global-foreign-battery-manufacturers-302753960.html>

²⁶⁴ <https://www.businesswire.com/news/home/20260422818435/en/City-of-Socorro-Awarded-State-Funding-for-Grid-Modernization-Project-in-Partnership-with-Socorro-Electric-Cooperative-and-Nuvve>

²⁶⁵ <https://www.prnewswire.com/news-releases/in-northern-california-ava-community-energy-debuts-smarthome-battery-a-residential-solar--storage-program-for-community-powered-energy-302737477.html>

²⁶⁶ <https://marec.us/governor-spanberger-signs-virginia-energy-storage-bill/>

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- *Apr 8th*: Brooklyn SolarWorks announced the successful installation and commissioning of New York City's first fully permitted residential BESS. The milestone deployment in Brooklyn, Kings County, New York, U.S. marked a significant regulatory breakthrough following years of stringent fire code restrictions. The landmark residential installation received final safety certification and operational approval from the Fire Department of the City of New York (FDNY) and the local Department of Buildings.²⁶⁷
- *Apr 8th*: ERCOT announced a proposal to incentivize up to 1,500 MW of existing legacy energy storage assets to upgrade and provide advanced grid stability support across Texas, U.S. The regulatory initiative aimed to encourage operators of older BESS facilities to adopt newer inverter technologies or software enhancements, allowing them to offer critical frequency response and voltage support. The proposed market mechanism entered the initial review phase with the Public Utility Commission of Texas (PUCT) as part of broader efforts to enhance overall grid reliability during peak demand events.²⁶⁸

International

- *Apr 30th*: The European Commission has reportedly finalized and immediately implemented new guidelines that ban the use of EU funding for energy projects utilizing inverters from "high-risk" countries, most notably China. While a formal public announcement is still pending, the guidelines have been confirmed by Commission spokespeople and distributed to relevant financial institutions and industry associations. The ban specifically targets inverters from China, Russia, Iran, and North Korea. The restriction applies to all major EU financing instruments, including the European Investment Bank (EIB) and the European Investment Fund (EIF). The ban covers all projects within the EU and those in neighboring regions (such as North Africa and the Western Balkans) connected to the European electricity grid. The move is driven by cybersecurity and national security concerns. Inverters, as internet-connected devices at the heart of solar and storage installations, are viewed as potential gateways for cyberattacks on critical energy infrastructure. The European Commission has established a phased approach for the transition:
 - New Projects: For any new projects connected or planned to be connected to the EU grid, the ban is effective immediately.
 - Pipeline Projects (Transitional Period): Projects already in the pipeline can still receive funding if they are notified to the Commission by May 1, 2026, or presented for a decision before November 1, 2026.
 - Off-Grid Projects: For projects not connected to the EU grid, high-risk suppliers must be phased out by April 15, 2027.
 - Derogations: Limited exceptions are available for projects facing delays of more than one year or for overriding security/political considerations.²⁶⁹
- *Apr 28th*: The Australian Energy Market Operator (AEMO) reported that the proposed development pipeline for utility-scale BESS across the National Electricity Market (NEM) reached a record 67.3 GW. This unprecedented capacity forecast, published in a regional market update, highlighted the rapid acceleration of developer interest in grid-scale BESS to replace retiring coal infrastructure. The regulatory body noted that these multi-billion-dollar project proposals are currently advancing through various stages of environmental, planning, and grid interconnection approvals.²⁷⁰
- *Apr 28th*: Vulcan Energy announced the commencement of construction on its central lithium chemical plant located at the Höchst Industrial Park in Frankfurt, Hesse, Germany. The developer broke ground on the commercial-scale refining facility to process zero-carbon lithium extracted from the Upper Rhine Valley to supply the European electric vehicle and BESS markets. The € 200M industrial deployment received formal environmental and building approval from the Hessian Ministry for the Environment, Climate Protection, Agriculture, and Consumer Protection.²⁷¹

²⁶⁷ <https://www.prnewswire.com/news-releases/brooklyn-solarworks-installs-new-york-citys-first-residential-battery-energy-storage-system-302724757.html>

²⁶⁸ <https://www.pv-magazine-usa.com/2026/04/08/ercot-seeks-to-incentivize-1-5-gw-of-legacy-storage-for-grid-stability/>

²⁶⁹ <https://www.scmp.com/news/china/diplomacy/article/3350056/eu-cut-funding-chinese-inverters-quiet-offensive-replaces-grandstanding>

²⁷⁰ <https://taiyangnews.info/markets/aemo-nem-battery-storage-pipeline-reaches-673-gw>

²⁷¹ <https://www.batteryindustry.tech/vulcan-energy-commences-construction-of-frankfurt-lithium-chemical-plant/>

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- *Apr 28th:* Industry data revealed that Spain's operational battery energy storage capacity experienced a staggering 589% growth following a severe national blackout in 2025. The rapid deployment was driven by accelerated government permitting and surging private investment aimed at preventing future grid failures. The comprehensive capacity report received formal verification from the national transmission system operator, Red Eléctrica de España (REE), highlighting the critical role of standalone BESS in ensuring regional energy security.²⁷²
- *Apr 27th:* The Philippine Department of Energy (DOE) announced the framework for the upcoming Green Energy Auction (GEA) program, specifically focusing on the procurement of hybrid solar and battery energy storage projects. The government initiative aims to secure dispatchable renewable capacity to stabilize the national grid and reduce reliance on imported fossil fuels. The multi-MW auction guidelines received formal regulatory approval from the Energy Regulatory Commission (ERC) ahead of the planned bidding phase.²⁷³
- *Apr 27th:* The European policy coalition AccelerateEU published a strategic framework officially supporting a massive 200 GW energy storage target for the continent to align with renewable integration goals. However, the proposed policy framework drew criticism from industry stakeholders for omitting a definitive financial mechanism or subsidy structure to fund the multi-billion-euro capacity expansion. The strategic target document was formally presented to the European Commission for review during ongoing energy transition negotiations.²⁷⁴
- *Apr 27th:* Grid operators in Germany announced the successful completion of a large-scale technical test demonstrating grid frequency stabilization using utility-scale BESS. The operational trial validated the rapid-response capabilities of advanced BESS platforms to inject or absorb power instantly to counter severe frequency deviations on the network. The technical performance data and system compliance metrics received formal regulatory approval from the German Federal Network Agency (BNetzA), paving the way for broader merchant participation in ancillary markets.²⁷⁵
- *Apr 26th:* The Government of Mauritius unveiled a comprehensive national energy strategy targeting a 40% renewable energy mix, heavily underpinned by widespread energy storage deployments. The strategic roadmap outlines multi-million-dollar investments in utility-scale BESS to mitigate the intermittency of expanded solar and wind generation across the island grid. The national infrastructure plan received formal policy approval and financial backing commitments from the Central Electricity Board (CEB) and international development banks.²⁷⁶
- *Apr 24th:* Neuron Energy announced plans to construct a massive 5 GWh battery energy storage manufacturing facility in Maharashtra, India. The multi-million-rupee industrial development is intended to localize the production of advanced lithium-ion battery packs for both electric vehicles and grid-scale stationary applications. The gigafactory project received preliminary land allocation and economic incentive approval from the Maharashtra State Government to bolster domestic supply chains.²⁷⁷
- *Apr 24th:* The Government of Colombia announced the launch of a new long-term electricity procurement auction, officially opening participation to standalone BESS for the first time. The regulatory initiative aimed to contract dispatchable clean capacity to stabilize the national grid against seasonal hydroelectric volatility and El Niño weather patterns. The multi-MW auction framework and bidding guidelines received formal policy approval from the Colombian Ministry of Mines and Energy.²⁷⁸
- *Apr 24th:* A comprehensive industry report revealed that the development pipeline for utility-scale battery energy storage projects in Spain surged by 464% year-on-year. The unprecedented influx of multi-MW project proposals was attributed to updated regulatory frameworks, favorable capacity market rules, and the urgent need to mitigate renewable curtailment across the Iberian Peninsula. The multi-billion-euro pipeline

²⁷² <https://www.indexbox.io/blog/spains-power-grid-one-year-after-the-april-2025-blackout-bess-surge-regulatory-shifts-and-lingering-fossil-fuel-dependence/>

²⁷³ <https://asian-power.com/power-utility/news/philippines-focuses-on-solar-storage-for-upcoming-gea-7>

²⁷⁴ <https://www.euractiv.com/section/energy/news/eu-coalition-pushes-200-gw-storage-goal-without-financing-plan/>

²⁷⁵ <https://www.cleanenergywire.org/news/german-grid-operators-successfully-test-battery-storage-for-frequency-control>

²⁷⁶ <https://www.smart-energy.com/renewable-energy/mauritius-targets-40-renewables-with-new-grid-storage-strategy/>

²⁷⁷ <https://www.pv-magazine-india.com/2026/04/24/neuron-energy-to-set-up-5-gwh-battery-manufacturing-plant-in-maharashtra/>

²⁷⁸ <https://www.bnamericas.com/en/news/colombia-includes-battery-storage-in-latest-long-term-energy-auction>

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data was formally cataloged and published to highlight the country's rapid emergence as a dominant European storage market.²⁷⁹

- **Apr 22nd:** Market research data revealed that average transaction prices for advanced 314 Ah LFP energy storage cells in China climbed by more than 20% over the previous six months. The significant pricing rebound was attributed to tightening raw material supply chains and soaring global demand for high-capacity utility-scale battery deployments. The pricing indices and market analysis metrics received formal publication and industry verification to assist international developers in adjusting their multi-million-dollar capital expenditure forecasts.²⁸⁰
- **Apr 21st:** The German federal government announced potential regulatory revisions that may curtail the preferential grid fee treatment currently afforded to large-scale battery energy storage facilities located near critical network substations. The proposed policy shift aimed to restructure infrastructure cost allocations and alleviate local grid congestion as the nationwide BESS fleet rapidly expands. The multi-million-euro regulatory proposal entered the public consultation phase and awaited formal legislative review by the German Federal Network Agency (BNetzA).²⁸¹
- **Apr 20th:** The Government of Colombia officially approved comprehensive national guidelines for the integration of BESS into the broader electricity transmission system. The regulatory framework, designed to mitigate renewable intermittency and enhance regional grid reliability, established clear technical performance standards and market participation rules for developers. The national policy directive received formal legislative execution from the Colombian Energy and Gas Regulation Commission (CREG) to stimulate multi-million-dollar infrastructure investments across the country.²⁸²
- **Apr 16th:** The German Federal Network Agency (BNetzA) reported that Germany successfully added a record-breaking 1 GWh of new battery energy storage capacity during the single month of March. The massive deployment surge was largely fueled by exponential growth in the residential sector alongside a steady increase in utility-scale BESS installations for grid stabilization. The national capacity data received formal verification and was published to track the country's progress toward its aggressive renewable energy integration targets.²⁸³
- **Apr 15th:** The Hellenic Energy Exchange (HEEx) announced that Greece's first utility-scale BESS officially entered the national day-ahead electricity market in a testing capacity. The initial deployment of standalone BESS assets began participating in wholesale trading to validate algorithmic dispatch models and ensure compliance with grid stability requirements. This operational milestone received formal regulatory oversight and technical approval from the Greek Regulatory Authority for Energy (RAE) ahead of full commercial market integration.²⁸⁴
- **Apr 15th:** The India Energy Storage Alliance (IESA) published a comprehensive market forecast projecting that India's behind-the-meter stationary energy storage market will surpass 39 GWh of installed capacity by 2033. The industry report highlighted that the rapid expansion will be driven primarily by commercial and industrial consumers seeking reliable backup power and to reduce peak demand. The multi-billion-rupee market projection was formally released to assist policymakers and domestic manufacturers in scaling up localized battery supply chains.²⁸⁵
- **Apr 15th:** Industry associations in Brazil issued a stark warning that exceptionally tight procedural deadlines are actively threatening the success of the country's first anticipated battery energy storage capacity auction. Energy developers raised concerns that the accelerated timeline set by the Ministry of Mines and Energy (MME) provides insufficient time windows to secure complex environmental permits and finalize equipment

²⁷⁹ <https://www.pv-magazine.es/2026/04/24/la-cartera-de-proyectos-de-almacenamiento-en-espana-se-dispara-un-464/>

²⁸⁰ <https://www.pv-magazine.com/2026/04/22/battery-cell-prices-in-china-rebound-sharply-led-by-314-ah-format/>

²⁸¹ <https://www.cleanenergywire.org/news/german-regulators-target-preferential-treatment-for-utility-scale-storage/>

²⁸² <https://www.pv-magazine-latam.com/2026/04/20/colombia-aprueba-las-directrices-para-la-integracion-del-almacenamiento-de-energia/>

²⁸³ <https://www.pv-magazine.de/2026/04/16/rekordzubau-deutschland-installiert-1-gwh-batteriespeicher-im-maerz/>

²⁸⁴ <https://www.balkangreenenergynews.com/greece-first-bess-units-start-test-bidding-in-day-ahead-market/>

²⁸⁵ <https://mercomindia.com/iesa-forecasts-39gwh-behind-the-meter-storage-by-2033/>

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supply chains for massive BESS deployments. The formal market feedback was submitted to federal regulators, urging schedule extensions to ensure competitive bidding for the multi-million real infrastructure contracts.²⁸⁶

- *Apr 14th:* GG Power announced the official launch of a massive 5 GWh battery energy storage manufacturing facility in Vietnam to significantly boost the country's clean energy supply chain. The multi-million-dollar industrial infrastructure investment was designed to localize the production of advanced lithium-ion cells and BESS platforms for both domestic and international markets. The new manufacturing hub received formal operational and environmental approval from the Vietnamese Ministry of Industry and Trade (MOIT).²⁸⁷
- *Apr 14th:* The Government of Mexico announced official updates to its distributed generation regulatory framework to formally integrate and define rules for BESS. The Energy Regulatory Commission (CRE) published the revised guidelines to streamline the permitting process and establish technical interconnection standards for residential and commercial BESS coupled with solar arrays. The national policy update received formal legislative execution, aiming to enhance local grid resilience and modernize the country's decentralized energy infrastructure.²⁸⁸
- *Apr 14th:* The European Union announced a sweeping policy directive banning the use of federal and structural transition funding for the procurement of Chinese-manufactured solar inverters and energy management equipment. The regulatory action was driven by escalating cybersecurity concerns and the need to protect critical grid infrastructure from potential foreign vulnerabilities. The restrictive procurement mandate received formal legislative approval from the European Commission, forcing developers to shift multi-million-euro supply agreements toward domestically or allied-produced power electronics.²⁸⁹
- *Apr 9th:* The Brazilian National Electric Energy Agency (ANEEL) announced another delay in the publication of the highly anticipated comprehensive regulatory framework for utility-scale energy storage. The regulatory body cited the need for further technical reviews and extended public consultation periods to finalize grid tariff structures and market participation rules for standalone BESS assets. The administrative postponement temporarily stalls multi-million-dollar infrastructure pipelines, as developers await formal policy clarity before committing to large-scale capacity deployments.²⁹⁰
- *Apr 6th:* The Government of Zambia announced the launch of a targeted 300 MW solar-plus-storage procurement program structured with innovative carbon credit incentives. The national initiative aimed to attract international developers to build massive hybrid renewable facilities to combat severe energy deficits caused by regional droughts. Supported by international finance institutions, the multi-million-dollar program received formal regulatory and environmental framework approval from the Zambian Ministry of Energy.²⁹¹

Data Center News

United States

- *Apr 27th:* Related Digital announced the successful acquisition of financing for a massive \$ 1.6B Oracle data center campus located in Saline Township, Washtenaw County, Michigan, U.S. The multi-billion-dollar capital deployment will fund the construction of advanced computing infrastructure designed to support surging artificial intelligence and cloud processing workloads.²⁹²
- *Apr 23rd:* Wärtsilä announced a massive 790 MW equipment order to support the rapid expansion of critical computing infrastructure in Texas, U.S. an area increasingly referred to as the "next data center alley." The

²⁸⁶ <https://www.pv-magazine-latam.com/2026/04/15/los-plazos-ajustados-amenazan-la-esperada-subasta-de-almacenamiento-en-brasil/>

²⁸⁷ <https://asian-power.com/energy-storage/news/vietnam-welcomes-5gwh-gg-power-battery-manufacturing-plant>

²⁸⁸ <https://www.pv-magazine-latam.com/2026/04/14/mexico-actualiza-las-reglas-de-generacion-distribuida-para-incluir-el-almacenamiento/>

²⁸⁹ <https://www.euractiv.com/section/energy/news/eu-blocks-funding-for-chinese-solar-inverters-over-cybersecurity-risks/>

²⁹⁰ <https://www.ess-news.com/2026/04/09/brazils-energy-storage-regulation-delayed-again/>

²⁹¹ <https://www.afrik21.africa/en/zambia-launches-300-mw-hybrid-solar-storage-tender-backed-by-carbon-credits/>

²⁹² <https://www.prnewswire.com/news-releases/related-digital-announces-financing-for-16-billion-oracle-data-center-project-in-saline-township-michigan-302753421.html>

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technology group was contracted to supply advanced, flexible power generation equipment to ensure highly reliable electricity for energy-intensive artificial intelligence and cloud workloads.²⁹³

- *Apr 21st:* Transect announced the launch of "Data Center Pulse," a specialized software product engineered to proactively identify and model community opposition risks for new computing infrastructure projects. The environmental and site selection tool uses advanced geospatial data and public-sentiment mapping to help developers navigate complex local zoning and regulatory hurdles.²⁹⁴
- *Apr 21st:* Prime Group's Digital Infrastructure Division announced a strategic collaboration with Microsoft and Hanwha Technology to deploy a nationwide network of edge data centers seamlessly integrated with BESS. The multi-billion-dollar initiative is designed to power real-time artificial intelligence inference at the grid edge, using high-capacity BESS to manage peak computing loads and reduce reliance on local transmission networks.²⁹⁵
- *Apr 18th:* Rehlko and INNIO announced the execution of a multiyear framework agreement to supply 1.25 GW of highly efficient gas engines. This major strategic procurement aims to support the surging global power demands of advanced data centers and flexible generation facilities. The high-capacity gas generator technology will provide reliable, dispatchable power that is highly complementary for hybrid energy architectures pairing combustion engines with BESS to support critical computing loads.²⁹⁶
- *Apr 15th:* SPAN and Nvidia announced a novel technological partnership to develop distributed "backyard" AI data centers paired directly with advanced residential BESS. Expected to initiate pilot rollouts in either Nevada or Arizona, the program aims to decentralize high-performance computing by placing micro-data centers at the residential level, using localized batteries and smart panels to offset grid strain. The strategic pilot initiative received preliminary technical approval from both companies to begin hardware integration and utility compliance testing.²⁹⁷
- *Apr 10th:* Fermi America announced it secured a \$ 165M equipment financing facility from CSG Investments, an affiliate of Beal Bank USA. The financial agreement will accelerate the procurement and delivery of six Siemens SGT-800 gas turbines targeted for the company's "Project Matador." Scheduled for delivery in 2028, these heavy-duty gas generators will provide robust, fast-ramping capacity perfectly suited to pair with energy storage assets, creating a resilient power supply for high-demand industrial or data center applications.²⁹⁸

International

- *Apr 28th:* Following the announcement of the historic AI campus in Croatia, energy developers revealed that the mammoth data center project will be powered by a dedicated 0.5 GW Solar PV paired with an unprecedented 8 GWh BESS. The massive co-located clean energy infrastructure is specifically designed to provide firm, dispatchable, and continuous power to the facility's highly intensive artificial intelligence computing workloads.²⁹⁹
- *Apr 27th:* Transatlantic Investment Group announced a historic € 50B capital commitment to develop a massive artificial intelligence data center and innovation campus in Croatia. Billed as the largest investment in Croatian history and among the largest private U.S. investments in Europe, the mega-project aims to establish the region as a premier global hub for advanced computing.³⁰⁰

²⁹³ <https://www.globenewswire.com/news-release/2026/04/23/3280077/0/en/w%3a4rtsil%3a4-continues-to-expand-its-data-center-footprint-with-new-790-mw-order-in-texas-the-next-data-center-alley.html>

²⁹⁴ <https://www.businesswire.com/news/home/20260421564189/en/Transect-Launches-Data-Center-Pulse-Product-to-Identify-Community-Opposition-Risks>

²⁹⁵ <https://www.businesswire.com/news/home/20260421149875/en/Prime-Groups-Digital-Infrastructure-Division-to-Deploy-Nationwide-Edge-Data-Centers-and-Battery-Energy-Storage-Network-to-Power-Real-Time-Inference-In-Collaboration-with-Microsoft-and-Hanwha-Technology>

²⁹⁶ <https://www.prnewswire.com/news-releases/rehlko-and-innio-enter-into-multiyear-1-25-gw-engine-framework-agreement-to-support-accelerating-global-data-center-and-flexible-generation-demand-302737756.html>

²⁹⁷ <https://www.datacenterdynamics.com/en/news/nvidia-and-span-partner-on-residential-backyard-ai-micro-data-centers/>

²⁹⁸ <https://www.prnewswire.com/news-releases/fermi-america-secures-165-million-equipment-financing-facility-from-csg-investments-an-affiliate-of-beal-bank-usa-to-accelerate-delivery-of-six-sgt-800-gas-turbines-for-2028-delivery-at-project-matador-302727192.html>

²⁹⁹ <https://www.smart-energy.com/renewable-energy/massive-solar-and-storage-hybrid-planned-for-croatias-new-tech-hub/>

³⁰⁰ <https://www.businesswire.com/news/home/20260427904479/en/Transatlantic-Investment-Group-Announces-%E2%82%AC50-Billion-AI-Data-Center-and-Innovation-Campus-in-Croatia-the-Largest-Investment-in-Croatian-History-and-Among-the-Largest-Private-U.S.-Investments-in-Europe>

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Upcoming Conferences

2026	EVENT
May 5-6, 2026	Infocast Tax Credits & Transferability 2026 – Houston, Texas
May 11-12, 2026	Reuters SMR & Advanced Reactor 2026 – Austin, TX
May 13-14, 2026	All Energy UK – Glasgow, UK
May 13-15, 2026	China International Battery Fair (CIBF2026) - Shenzhen, China
May 14-15, 2026	Novogradac 2026 Spring Renewable Energy Tax Credits – San Diego, CA
May 19, 2026	NPM European Development & Finance Forum 2026 – Hamburg, Germany
May 19-20, 2026	Solar & Storage Live Philippines 2026 – Manila, Philippines
May 20-21, 2026	Solar Media Renewables Procurement & Revenue Summit – London, UK
May 20, 2026	RE+ Portugal, Porto, Portugal
May 20-21, 2026	Hawaii Energy Conference – Maui, Hawaii
May 27-28, 2026	Solar + Storage España 2026 - Valencia, Spain
July 1-3, 2026	Energy Storage Summit Asia 2026 – Bangkok, Thailand
June 1-4, 2026	Clean Power 2026 – Houston, TX
June 2-4, 2026	RE+ South Africa - Johannesburg, South Africa
June 9-10, 2026	Solar & Storage Live Middle East 2026 – Dubai, UAE
June 9-11, 2026	Informa Battery Show Europe 2026 - Messe Stuttgart, Germany
June 15-17, 2026	Intersolar & Energy Storage North America (IESNA) Midwest – Rosemont, IL
June 16-17, 2026	Infocast Energy Storage Finance & Investment 2026 – San Diego, CA
June 16-17, 2026	Solar Media PV ModuleTech USA – Napa, USA
June 16-18, 2026	Infocast Transmission & Interconnection Summit 2026 – Washington, D.C.
June 23-24, 2026	Reuters Global Energy Transition 2026 – New York, NY
June 23-25, 2026	Electrical Energy Storage 2026 – Munich, Germany
June 23-25, 2026	Intersolar Europe 2026 – Munich, Germany
June 30-July 1, 2026	Solar Media Clean Power 2030 Summits – London, UK
July 8-9, 2026	Solar & Storage Live Vietnam 2026 - Ho Chi Minh City, Vietnam
July 14-16, 2026	Infocast PowerUp Data Centers Texas 2026 – Austin, Texas
July 14-15, 2026	Solar & Storage Live Nigeria 2026 – Lagos, Nigeria
July 26–30, 2026	CARILEC Engineering & Procurement Conference – Guyana, Caribbean
July 28-29, 2026	Infocast Midcontinent Energy Summit 2026 – Indianapolis, IN
August 12-13, 2026	RE+ Mid-Atlantic - Philadelphia, PA
August 18-20, 2026	Infocast Texas Clean Energy – Austin, Texas
August 35-27, 2026	DCAC Texas (Data Center Anti-Conference) – Austin, Texas
August 25–27, 2026	ees / Intersolar South America 2026 - São Paulo, Brazil
August 26-27, 2026	Solar & Storage Live Kenya 2026 – Nairobi, Africa
August 25-27, 2026	Smarter E South America - São Paulo, SP, Brazil
August 26-27, 2026	Battery Asset Management Summit Australia 2026 – Sydney, Australia
September 1-2, 2026	Intersolar & Energy Storage North America Texas - Grapevine, Texas
September 1-3, 2026	Middle East Energy (MEE 2026) – Dubai, UAE
September 1-3, 2026	Infocast PowerUp Data Centers Northwest 2026 – Portland, Oregon
September 1-3, 2026	Informa InterSolar Mexico / ees Mexico – Mexico City, Mexico
September 9-10, 2026	Infocast Mountain West Renewables 2026 – Salt Lake City, UT
September 9-10, 2026	RE+ Community Energy 2026 / Midwest 2026 - <u>Schaumburg, IL</u>
September 15-16, 2026	Solar Media Solar & Storage Finance USA Summit 2026 – New York, NY
September 15-16, 2026	Solar Media Energy Storage Summit Germany – Berlin, Germany
September 15-16, 2026	Solar Media Battery Asset Management Summit – Anaheim, CA
September 17-18, 2026	Solar & Storage Live Zurich 2026 – Zürich, Switzerland
September 21-23, 2026	Energy Storage Canada 2026 – Toronto, Canada
September 22-24, 2026	Solar & Storage Live UK 2026 – Birmingham, UK
September 29–30, 2026	Reuters Energy Transition Europe 2026 - UK
September <u>TBD</u> , 2026	Large Scale Solar Southern Europe 2026 – <u>TBD</u> , Europe
October 1-3, 2026	Infocast Energy Independence 2026 – Houston, Texas
October 6-7, 2026	Energy Storage Summit Central Eastern Europe – Warsaw, Poland

October 7-8, 2026	Solar & Storage Live Italia 2026 – Verona, Italy
October 9-11, 2026	SNEC Energy Storage and Battery Expo 2026 – Shanghai, China
October 13-14, 2026	PV CellTech USA 2026 – San Francisco, CA
October 19-22, 2026	The Battery Show North America 2026 – Detroit, MI
October 13-14, 2026	Energy Storage Summit Latin America 2026 – Santiago, Chile
October 13-14, 2026	Battery Asset Management Summit UK & Ireland 2026 – London, Europe
October 18-22, 2026	CARILEC Conference and Exhibition 2026 – Bahamas, Caribbean
October 19-21, 2026	Electricity Transformation Canada – Toronto, Canada
October 20-21, 2026	Solar & Storage Live Cape Town 2026 – Cape Town, South Africa
October 23-25, 2026	Solar & Storage Live KSA 2026 - Riyadh Front, Saudi Arabia
October 27-28, 2026	Intersolar Summit Brasil Sul - Porto Alegre, Brazil
October 28-29, 2026	All Energy Australia 2026 – Melbourne, Australia
October TBD 2026	Reuters Energy Asia 2026 - Singapore
November 3-4, 2026	Informa PV ModuleTech Europe 2026 – <u>Málaga, Spain</u>
November 4-6, 2026	Infocast Southeast Renewable Energy 2026 – Charlotte, NC
November 5-6, 2026	Novogradac 2026 Fall Renewable Energy Tax Credits – Washington, D.C.
November 11-12, 2-26	Solar & Storage Live Indonesia – Jakarta, Indonesia
November 16-19, 2026	RE+ 2026 – Las Vegas, Nevada
November 16-19, 2026	Green Transportation Summit & Expo – Las Vegas, NV
November 25-26, 2026	Large Scale Solar Central Eastern Europe – Warsaw, Poland
December 2-3, 2026	Battery Asset Management Summit Europe 2026 – <u>TBD</u> , Europe
December <u>8-9</u> , 2026	Reuters Energy LIVE 2026 – <u>Houston</u> , Texas

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

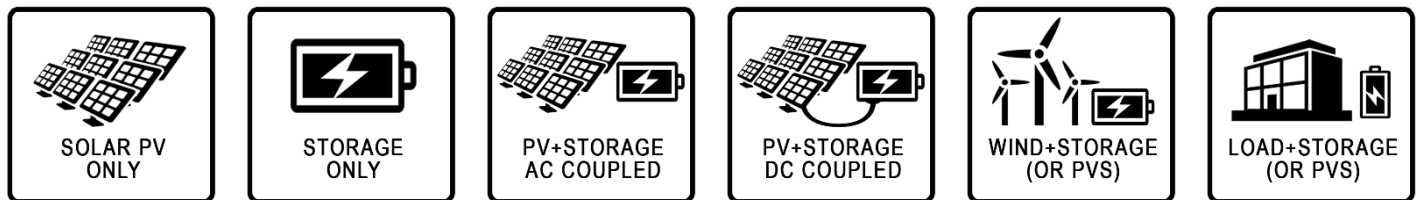
V26.3 RELEASED IN MARCH 2026 - SCHEDULE A DEMO



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 analysis of storage investments. Contact Rahul Verma (rahul@fractalba.com) for a demo.



Fractal Model v 26.3 Key Updates Include:

1. Sensitivity Analysis - Python:
 - Python tools for sensitivity analysis and portfolio models
2. Advanced Aux Load Analysis
 - Ambient temperature-based analysis
 - Peak and total monthly aux load
3. New State Program Templates
 - NY VDER / ISC
 - IL Energy Storage Program
 - CT Energy Storage Program
 - MA SMART / CPS

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 Sulfur Batteries

TAX INCENTIVES

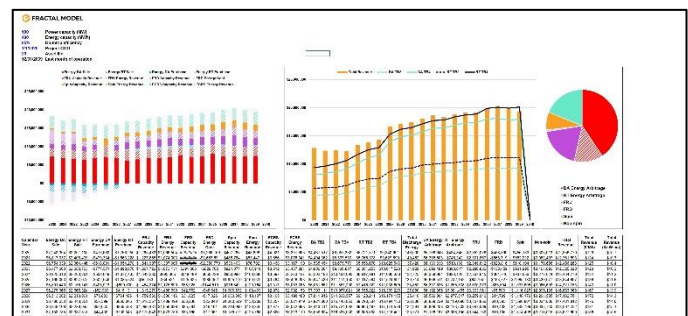
- Investment Tax Credit
- Production Tax Credit
- State Incentives

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 FOR SELLER MODELS OR DUE DILIGENCE

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



Fractal EMS News

FRACTAL EMS Cuts Pricing and Streamlines Contracting to Help Developers Move Faster

New “Customer-First Pricing” and “Rapid Contracting” make it easier than ever to deploy the industry’s leading EMS platform.

AUSTIN, Texas — April 30, 2026 — Fractal EMS, the market leader in front-of-the-meter solar, BESS, and datacenter EMS & SCADA, announced two major customer-focused improvements: meaningfully reduced pricing across its product portfolio and a streamlined contracting process designed to shorten the path from award to notice-to-proceed. Together, the changes are intended to lower the total cost and complexity of deploying projects at a moment when developers, IPPs, and utilities are racing to bring gigawatts of new capacity online. Fractal EMS supports more than 15 GWh of operating energy storage and over 33 GWh of awarded projects globally.



WHAT’S CHANGING FOR CUSTOMERS

Low Pricing

Fractal EMS has reduced pricing by up to 25%, with additional volume-based discounts for portfolio customers. Through a strategic combination of supply chain optimization and breakthroughs in control architecture, Fractal EMS has unlocked efficiencies that position Fractal as the market’s price leader. These technical and operational advancements enable Fractal to deliver a premium, high-performance platform at the industry’s most competitive price point, maximizing profitability for our partners without compromising on quality or security.

Rapid Contracting

The new contract is less than 50% in length. Working directly with customer legal and procurement teams, Fractal has consolidated its agreement, scope of work, and warranty terms into a single, plain-language package. The combined effect is straightforward: less time spent in red lines and procurement cycles, more time spent commissioning megawatts.

"A La Carte" Flexible Scope

While remaining the only provider capable of delivering full, turnkey vertical controls, Fractal EMS is introducing a flexible, à la carte approach. Partners can now select a core EMS offering or customize the scope by choosing from: networking, BMS, SCADA, PPC/MPC, cybersecurity, analytics, and monitoring. This modularity ensures that Fractal EMS can integrate seamlessly into any project configuration and be the best partner for OEMs and EPC providers.

Global Partnerships

Fractal EMS continues to expand its global footprint, having successfully deployed 15+ GW of advanced control solutions across Europe, South America, Australia, Canada, and the United States. We are actively seeking to forge lasting, high-impact partnerships with utilities, developers/IPP, suppliers, and EPCs who require bankable performance and seamless integration. At the core of every collaboration is a deep commitment to customer success and long-term reliability, ensuring that our partners’ critical energy assets operate with maximum uptime and security, regardless of geography or grid complexity.

“Our customers told us two things very clearly: bring the price down and make it easier to do business with you. So, we did both. We rebuilt our pricing from the ground up and tore up the old contracts in favor of something a customer can read in an afternoon. The goal is simple — make Fractal the lowest-friction way to put a high-performance, U.S.-made EMS on a project.” — Daniel Crotzer, CEO, Fractal EMS

These changes also reinforce Fractal’s open, multi-OEM approach. Because Fractal’s controls work across battery and PCS suppliers, customers can adopt the new pricing, contracting, and scoping framework without changing the rest of their project stack — and without sacrificing cybersecurity, U.S.-made hardware, and investment-grade controls that have made Fractal the choice for utility-scale developers.

AVAILABILITY

The new pricing and streamlined contracting framework are effective immediately for all new requests and are being offered to existing customers on a project-by-project basis. Customers and prospective customers can request the updated pricing sheet and master agreement template at fractalems.com or by contacting their Fractal account representative.



Fractal EMS delivers a comprehensive, fully integrated energy management and SCADA platform that combines advanced software, hardware controllers, seamless system integration, robust cybersecurity, and powerful analytics for storage, solar, hybrid, and data center projects. Supported by a 24/7 remote operations center (NERC-CIP Medium), Fractal EMS offers hardware-agnostic, turnkey controls across BMS, EMS/PPC, MPC, and SCADA—all unified on a single, flexible, and scalable architecture. Fractal EMS confirms that its control hardware meets Non-Prohibited Foreign Entity (Non-PFE/FEEO) and domestic designations. This ensures that projects utilizing Fractal EMS are fully compliant with the latest federal requirements and domestic content incentives. For more information, visit www.fractalems.com.

SCHEDULE A DEMO OR TOUR

Schedule a demo today. Ziwei.Cao@FractalEMS.com; Chris.Larsen@FractalEMS.com,
Jackie.Sukhlall@FractalEMS.com.