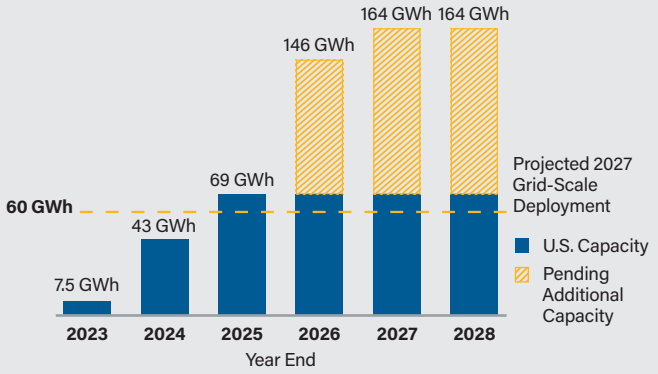
MARCH 2026

# Energy Storage Powers American Manufacturing

ENERGY STORAGE COALITION
POWERING AMERICA'S GRID

In 2025, for the first time, energy storage emerged as the leading driver and industrial anchor of battery supply chain investments. This momentum follows the industry's **2025 commitment to invest $100 billion in American manufacturing and minerals production, generating over 350,000 new jobs**. Energy storage now represents one of the fastest-growing advanced manufacturing sectors in the U.S. economy — serving as an engine of economic growth and prosperity. This rapidly growing domestic manufacturing capacity will fuel broader deployment of energy storage resources proven to generate significant energy cost savings, helping keep electricity affordable for American families and businesses.

## U.S. energy storage system manufacturing capacity surpasses 100% of domestic project demand.




## American Energy Storage Systems Manufacturing

American manufacturing of energy storage modules and systems, which includes the fabricated steel enclosures, power controls, inverters, and other equipment has reached a significant milestone. Domestic manufacturing of energy storage systems now surpasses annual energy storage project demand.

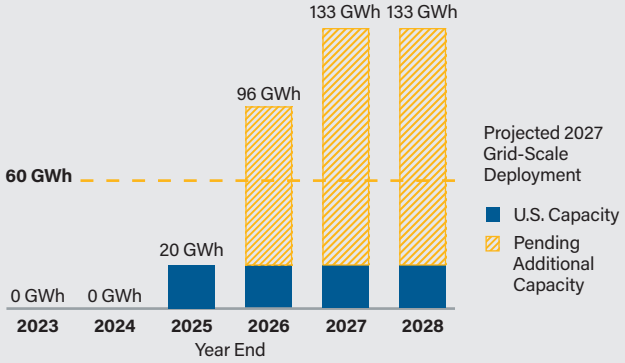

### FLUENCE SYSTEMS MANUFACTURING

Fluence manufactures cells, modules, and associated equipment at facilities across the U.S., in Utah, Tennessee, Arizona, and Texas employing more than 1,200 people and creating 450 construction jobs. These components are all integrated into American-made energy storage systems.

### TESLA SYSTEMS MANUFACTURING

In addition to Tesla's operating 40 GWh Megapack factory in Lathrop, California, the company is set to add an additional 50 GWh of system manufacturing capacity outside of Houston, Texas.

## American grid battery cell manufacturing on track to supply 100% of U.S. projects by early 2027.




## Battery Cells for Energy Storage

Cells, arranged within modules, are the engine of a battery energy storage system. These American factories are capital-intensive, state-of-the-art facilities that represent the most cutting-edge advanced manufacturing. Starting at nearly zero capacity in 2024, the U.S. is now on track to scale factory production to eclipse domestic project demand by the end of 2026.

### LG ENERGY SOLUTION GRID BATTERY MANUFACTURING

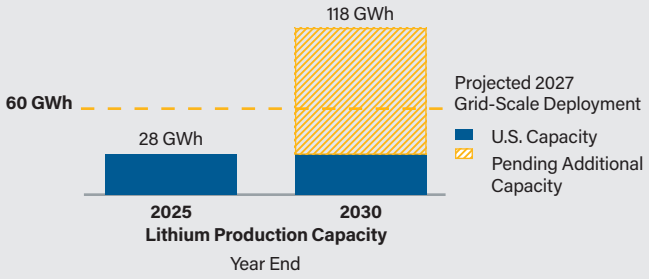
LG Energy Solution will produce ESS cells at four different U.S. plants, including its facility in Holland, Michigan which has already started producing ESS LFP cells. The company's production capacity for ESS cells in North America will be further expanded and reach around 50 GWh in 2026.

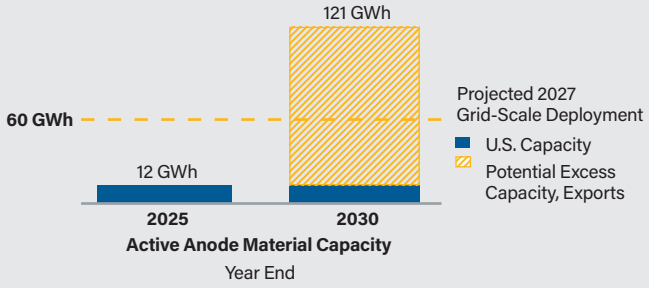

### SAMSUNG SDI GRID BATTERY MANUFACTURING

Samsung SDI is ramping up production of its grid-scale batteries. Samsung will leverage existing automotive infrastructure to quickly scale domestic cell manufacturing at plants in the Midwest.

# Energy Storage is Driving Investment in Critical Minerals

The meteoric growth in U.S. energy storage deployment is now directly mirrored by the rapid expansion of domestic manufacturing capacity. New factories are rising across the Midwest, Southeast, Appalachia, Texas, and the Mountain West, as the industry rushes to build an end-to-end American energy storage supply chain. As U.S energy storage demand grows and cell manufacturing scales, this high-volume commercial demand is catalyzing investment across domestic mining and critical materials supply chains.




**The United States is currently experiencing historic investment in the production of critical minerals.** Minerals like lithium and graphite are key inputs for advanced batteries across transportation, defense, and energy applications. The rapid growth of the U.S. energy storage infrastructure and manufacturing capacity now serve as leading demand drivers for investment in domestic and allied mineral capacity.

### TESLA LITHIUM REFINERY

Tesla's $1+ billion lithium refining facility in Corpus Christi, Texas, is expected to process enough lithium to support 30 GWh of battery production per year. The facility represents a major investment in U.S. midstream processing capacity and is a critical step toward strengthening domestic energy security and advance manufacturing.


### EXXONMOBIL ADVANCED SYNTHETIC GRAPHITE PRODUCTION

Through its acquisition of key assets and technology from Superior Graphite, including its graphitization facility in Kentucky, ExxonMobil plans to upgrade carbon-rich feedstocks from existing refining streams and transform them into advanced synthetic graphite for use in battery anode materials. This can strengthen U.S. industry and enable the build-out of a resilient critical minerals supply chain.

## 350,000+ American Jobs

**are expected to be generated by the energy storage sector**

These jobs span skilled trades and construction, electrical and mechanical technicians, chemical and materials engineers, manufacturing and quality-control specialists, software and power-systems engineers, logistics and supply-chain professionals, and operations, maintenance, and safety roles that will anchor long-term employment in communities across the country.

**American companies are rising to meet this moment by developing the next generation of storage technologies at home.** Long-duration energy storage (LDES) and multi-day energy storage (MDS) are emerging as a new pillar of U.S. innovation and a solution to the need for firm, dispatchable power.

### FORM ENERGY GRID BATTERY MANUFACTURING

Form Factory 1 represents a $760 million investment at the site of a former steel mill in Weirton, West Virginia, to manufacture American-made multi-day energy storage systems, creating 750 jobs.


### EOS ENERGY GRID BATTERY MANUFACTURING

EOS Energy manufactures zinc batteries in Pittsburgh where the facility has been ramping up production, reaching 8 GWh by 2027.