

Fluence Begins Manufacturing of its Next Generation Smartstack™ Energy Storage Solution

September 9, 2025

Production underway to advance delivery of Fluence's high-density, modular energy storage platform to customers worldwide

ARLINGTON, Va., Sept. 09, 2025 (GLOBE NEWSWIRE) -- [Fluence Energy, Inc.](#) ("Fluence") (NASDAQ: FLNC), a global market leader delivering intelligent energy storage systems, services, and asset optimization software, today announced the start of manufacturing for its newest and most advanced energy storage solution to date, Smartstack™.

Production has commenced at a state-of-the-art automated contract manufacturing facility in Vietnam. This milestone signals the market readiness of Smartstack and marks a crucial step in Fluence's ability to meet increasing global demand for high-performance energy storage solutions.

"The start of Smartstack manufacturing is the tangible realization of our commitment to innovation, as we begin to bring our high-density, intelligent solution to life," said Peter Williams, Chief Product and Supply Chain Officer at Fluence. "We believe this achievement positions us to deliver Smartstack to customers with speed and scale while maintaining our uncompromising standards of safety, performance, and reliability to maximize project value."

Unveiled in February 2025, Smartstack is a high-density, AC-based energy storage platform featuring a patent-pending, breakthrough modular design. Its innovative architecture strategically splits systems into easily transportable units, reducing shipping constraints and installation complexity. The platform is designed to maximize project site density and deliver approximately 30% higher energy density than other leading AC-based solutions. This higher-density component of Smartstack is expected to enable more megawatt-hours within existing footprints and can make previously constrained sites viable.

To further strengthen customer value and long-term partnership, Smartstack comes with industry-leading performance guarantees available through Fluence's Smart Service Plans. These include an Availability Guarantee of up to 99%, the industry's first and only Dispatchable Energy Guarantee enabling 24/7 dispatchable energy availability with reduced buffers, and long-term commitments including an Energy Capacity Guarantee and a Round-Trip Efficiency Guarantee, both extending up to 25 years.

The new partner manufacturing facility is a significant component of Fluence's strategy to expand production capability and uphold quality assurance. With a projected annual manufacturing capacity of 35 GWh, the facility features a fully automated production process designed to enhance productivity and safety while delivering world-class product quality. This advanced approach provides scalable manufacturing capabilities that are expected to adapt to growing market demand, while maintaining the precision and reliability that Fluence customers expect.

Customer deliveries for Smartstack are scheduled to begin in the last quarter of calendar year 2025.

About Fluence

Fluence Energy, Inc. (Nasdaq: FLNC) is a global market leader delivering intelligent energy storage and optimization software for renewables and storage. The Company's solutions and operational services are helping to create a more resilient grid and unlock the full potential of renewable portfolios. With gigawatts of projects successfully contracted, deployed, and under management across nearly 50 markets, the Company is transforming the way we power our world for a more sustainable future.

For more information, visit our [website](#), or follow us on [LinkedIn](#) or [X](#). To stay up to date on the latest industry insights, [sign up for Fluence's Full Potential Blog](#).

Cautionary Statement Regarding Forward-Looking Statements

The statements contained in this press release that are not historical facts are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, Section 21E of the Securities Exchange Act of 1934, as amended, and the Private Securities Litigation Reform Act of 1995. These forward-looking statements include, without limitation, anticipated timeline of Smartstack and anticipated customer deliveries, performance of the contracting manufacturing facility being used for production of Smartstack, ability of Fluence to meet market demand and customers' expectations, projected capacity of the new facility, and other beliefs, assumptions, prospects, plans, and objectives of management. Such statements can be identified by the fact that they do not relate strictly to historical or current facts. When used in this press release, words such as "may," "possible," "will," "should," "expects," "plans," "anticipates," "could," "intends," "targets," "projects," "contemplates," "commits," "believes," "estimates," "predicts," "potential," or "continue," or the negative of these terms or other similar expressions and variations thereof and similar words and expressions are intended to identify such forward-looking statements, but the absence of these words does not mean that a statement is not forward-looking.

The forward-looking statements contained in this press release are based on our current expectations and beliefs concerning future developments, as well as a number of assumptions concerning future events, and their potential effects on our business. These forward-looking statements are not guarantees of performance, and there can be no assurance that future developments affecting our business will be those that we have anticipated. These forward-looking statements involve a number of risks, uncertainties (some of which are beyond our control), or other assumptions that may cause actual results or performance to be materially different from those expressed or implied by these forward-looking statements, which include, but are not limited to, changes to the regulatory environment in the United States and unforeseen circumstances outside of Fluence's control which may

Fluence Begins Manufacturing of its Next Generation Smartstack™ Energy Storage Solution



Manufacturing of Smartstack begins at a state-of-the-art, fully automated contract facility in Vietnam.

cause the contracting manufacturing facility to not perform as anticipated, ramp up delays at the facility impacting anticipated production timeline, and such factors set forth under Item 1A."Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended September 30, 2024, filed with the Securities and Exchange Commission ("SEC") on November 29, 2024, and in other filings we make with the SEC from time to time. New risks and uncertainties emerge from time to time and it is not possible for us to predict all such risk factors, nor can we assess the effect of all such risk factors on our business or the extent to which any factor or combination of factors may cause actual results to differ materially from those contained in any forward-looking statements. Should one or more of these risks or uncertainties materialize, or should any of the assumptions prove incorrect, actual results may vary in material respects from those projected in these forward-looking statements. You are cautioned not to place undue reliance on any forward-looking statements made in this press release. Each forward-looking statement speaks only as of the date of the particular statement, and we undertake no obligation to publicly update or revise any forward-looking statements to reflect events or circumstances that occur, or which we become aware of, after the date hereof, except as otherwise may be required by law.

Media Contact

Shayla Ebsen, Director of Communications
Email: shayla.ebsen@fluenceenergy.com
Phone: +1 (605) 645-7486

Analyst Contact

Lexington May, Vice President of Investor Relations and Sustainability
Email: investorrelations@fluenceenergy.com
Phone: +1 (713) 909-5629

A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/3fb165dc-a4dc-4f06-afcc-93c3b674605e>