

Fluence Mosaic™

Automated, AI-powered bidding
for solar, wind, and energy storage



Conventional bidding approaches for energy storage and renewable assets can't keep up with the volatility and complexity of rapidly changing wholesale markets. Increase energy and ancillary service revenues and reduce risk with the Fluence Mosaic Intelligent Bidding Software.

Overcoming Rapid Change in Energy Markets

Markets move faster than traders can respond

The growth of wind and solar is increasing price volatility, which creates challenging conditions for electricity traders.

New asset types increase complexity

Energy storage offers unparalleled flexibility to deliver energy and ancillary services, but maximizing revenue requires price forecasting and optimization that go beyond human speed and ability.

Trading desks need powerful new tools

Independent power producers and utilities need new bidding strategies and tools that can unlock the value of their storage and renewable assets.



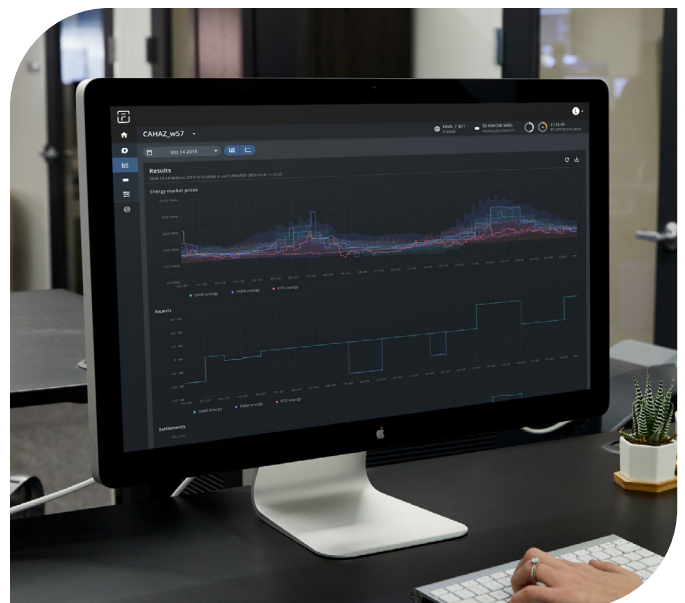
Mosaic helps renewables and energy storage asset owners in these markets maximize revenue.

The software leverages machine learning to forecast electricity prices and automatically develop optimized bids for relevant markets

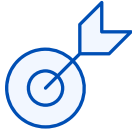
	Mosaic for MISO	Mosaic for Japan (JEPEX)	Mosaic for 'Other' (SPP/PJM/ IESO/ISONE)	Mosaic for Australia's National Electricity Market (NEM)	Mosaic for the California ISO (CAISO)	Mosaic for the Electric Reliability Council of Texas (ERCOT)
Asset Types Supported	Energy Storage, Renewables, Hybrid, and Co-Located	Energy Storage	Energy Storage, Renewables, Hybrid, and Co-Located	Renewables and energy storage	Energy storage and hybrids	Energy storage
Markets Supported	Real-Time and Day-Ahead markets	Day-Ahead and Intra-Day Markets	Real-Time and Day-Ahead markets	Real-Time	Day Ahead, 15-Minute, and Real-Time	Day Ahead and Real-Time
Products Supported	Energy and Ancillary Services	Energy and Ancillary Services	Energy and Ancillary Services Only Backcast support	Energy and all Frequency Control Ancillary Services	Energy, Reg Up and Down, Spinning Reserve	Energy, Reg Up and Down, Responsive Reserve Services

Maximize Asset Revenues with AI Optimization

Increase energy storage and renewable asset revenue compared to manual bidding strategies by using AI-powered software with powerful price forecasting and bidding automation

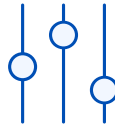


How Mosaic Works



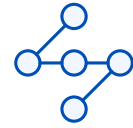
Forecasting

Advanced machine learning analyzes thousands of variables to predict future market prices every five minutes.



Optimization

Advanced co-optimization of all applicable products for day-ahead and real-time markets.



Bidding

Incorporate your organization's risk tolerance levels with our bidding strategy expertise to prepare ISO-compliant bids for submission.

AI Bidding Increases Energy Storage and Renewables Asset Value

Predict the future. Produce probabilistic price forecasts that minimize error and maximize returns

Protect assets. Incorporate warranty constraints and operating parameters into optimized bids

Accelerate decision-making. Execute complex bids that are impossible for humans to manage

Powerful Tools Support Trading Desk Operations

Automated, compliant bids. Algorithms operate in full compliance with all market rules and requirements

Manual bidding override. Pause algorithmic bidding and override manually at any time

Technology agnostic. Optimize battery-based energy storage technologies from any vendor



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, from powering the next generation of AI-driven data centers to unlocking 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.

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