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Flux Power Secures \$1.2M+ Additional Order from Major North American Airline

Order Includes Multiple G80 Energy Solutions with Multi-Year SkyEMS Software Subscription via Integrated Telemetry

VISTA, Calif., Aug. 21, 2025 (GLOBE NEWSWIRE) -- At airports across North America, airlines are rethinking how to keep operations moving while cutting emissions and costs. For one major airline, the answer came in the form of a \$1.2M+ investment in Flux Power's G80 lithium-ion energy solution with the SkyEMS platform, a powerful combination of hardware and software designed to transform ground support equipment (GSE) operations.

The order, which includes multiple G80 configurations equipped with the SkyEMS platform, will equip the airline with powerful real-time insights into fleet performance, asset health, and maintenance needs. By enabling predictive maintenance and maximizing uptime, the G80 solution will help the airline achieve its sustainability targets while improving operational speed and reliability.

"Airlines today need more than just batteries; they need data-driven solutions that keep them ahead of challenges on the ground," said Krishna Vanka, CEO of Flux Power. "Our integrated hardware and software offering delivers not only the power to move equipment but the intelligence to keep operations running at peak performance."

The purchase was facilitated through Averest, a long-standing Flux Power partner specializing in aviation electrification. Averest's expertise in deploying high-performance and serviceable solutions for the demanding pace of airport operations was instrumental in securing the order.

"Flux Power's G80 with SkyEMS data is a game-changer for aviation customers," said Jeff Barrett, President of Averest. "By pairing intelligent energy systems with proven serviceability, we're giving airlines the tools to cut costs, reduce emissions, and keep equipment ready when it's needed most."

The G80 Advantage with the SkyEMS Platform

- Integrated hardware + software: Real-time monitoring, diagnostics, and predictive alerts from a unified platform
- Modular architecture: Rapid field service and reduced downtime
- Operational intelligence: Data insights that drive preventive maintenance and informed decision-making
- Sustainability impact: Clean, zero-emission alternative to fossil-fuel-powered GSE

Deliveries are scheduled for 2025, with additional orders from the airline expected in the

near future—signaling strong momentum for the adoption of intelligent lithium-ion solutions in aviation.

About Averest Inc.

Averest partners with leading manufacturers of industrial batteries and chargers who have the ability to produce products that meet our customer's specific requirements. Focusing solely on the aviation industry, Averest is able to expertly recommend customized electric power solutions for every situation. Averest is on the forefront of new charging and battery technologies such as lithium batteries and high efficiency rapid charging systems. Averest, Inc. is leading the way towards a cleaner environment by offering technically sound electric power solutions which replace internal combustion engines in airline ground support equipment. For more information, please visit <https://averest.co/>.

About Flux Power Holdings, Inc.

Flux Power (NASDAQ: FLUX) designs, manufactures, and sells advanced lithium-ion energy storage solutions for electrification of a range of industrial and commercial sectors including material handling, airport ground support equipment (GSE), and stationary energy storage. Flux Power's lithium-ion battery packs, including the proprietary battery management system (BMS) and telemetry, provide customers with a better performing, lower cost of ownership, and more environmentally friendly alternative, in many instances, to traditional lead acid and propane-based solutions. Lithium-ion battery packs reduce CO2 emissions and help improve sustainability and ESG metrics for fleets. For more information, please visit www.fluxpower.com.

Forward-Looking Statements

This release contains projections and other "forward-looking statements" relating to Flux Power's business, that are often identified using "believes," "expects" or similar expressions. Forward-looking statements involve several estimates, assumptions, risks, and other uncertainties that may cause actual results to be materially different from those anticipated, believed, estimated, expected, etc. Accordingly, statements are not guarantees of future results. Some of the important factors that could cause Flux Power's actual results to differ materially from those projected in any such forward-looking statements include, but are not limited to: risks and uncertainties, related to Flux Power's business, results and financial condition; plans and expectations with respect to access to capital and outstanding indebtedness; Flux Power's ability to comply with the terms of the existing credit facilities to obtain the necessary capital from such credit facilities; Flux Power's ability to raise capital; Flux Power's ability to continue as a going concern; Flux Power's ability to obtain raw materials and other supplies for its products at competitive prices and on a timely basis; the development and success of new products, projected sales, cancellation of purchase orders, deferral of shipments; Flux Power's ability to improve its gross margins, or achieve breakeven cash flow or profitability; Flux Power's ability to fulfill backlog orders or realize profit from the contracts reflected in backlog sale; Flux Power's ability to fulfill backlog orders due to changes in orders reflected in backlog sales; Flux Power's ability to obtain the necessary funds under the credit facilities; Flux Power's ability to timely obtain UL Listing for its products; Flux Power's ability to fund its operations, distribution partnerships and business opportunities and the uncertainties of customer acceptance and purchase of current and new products, and changes in pricing. Actual results could differ from those

projected due to numerous factors and uncertainties. Although Flux Power believes that the expectations, opinions, projections, and comments reflected in these forward-looking statements are reasonable, they can give no assurance that such statements will prove to be correct, and that the Flux Power's actual results of operations, financial condition and performance will not differ materially from the results of operations, financial condition and performance reflected or implied by these forward-looking statements. Undue reliance should not be placed on the forward-looking statements and Investors should refer to the risk factors outlined in our Form 10-K, 10-Q and other reports filed with the SEC and available at www.sec.gov/edgar. These forward-looking statements are made as of the date of this news release, and Flux Power assumes no obligation to update these statements or the reasons why actual results could differ from those projected.

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