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**Burns & McDonnell Completes Construction at Largest
Battery Storage Facility in the World**
*Firm's Integrated EPC Approach Delivers 100-MW/400-MWh
Battery Energy Storage Project Ahead of Schedule, Despite
Market Conditions*

KANSAS CITY, Missouri — Burns & McDonnell recently completed construction of Vistra's 100-MW/400-MWh [battery energy storage system](#) expansion at its Moss Landing Energy Storage Facility in California.

The Moss Landing battery energy storage expansion, which went online in July, brings the system's capacity to 400 megawatts/1,600 megawatt-hours, making it the largest battery storage facility in the world. The energy storage facility is located on the same site as an existing natural gas plant and multiple retired fossil generation assets and leverages the existing interconnection.

"With its existing infrastructure fully intact and the physical space to accommodate future growth, Moss Landing is a world-class industrial site that provides a unique opportunity for extensive battery development," says Claudia Morrow, senior vice president of development and strategy at Vistra. "Our partnership with Burns & McDonnell has been key to our success in expanding this world-class project that is, importantly, bolstering the availability of reliable power to Californians."

Burns & McDonnell completed construction in just 10 months — three months faster than originally anticipated. The project overcame many challenges associated with the market conditions, supply chain and shipping constraints, and COVID-19.

Using [LG Energy Solution lithium-ion batteries](#), the Moss Landing battery energy storage system will help stabilize California's grid as utilities statewide shed key baseload resources, including large-scale nuclear and natural gas power generation assets, to meet the state's zero-carbon goal by 2045. The batteries will store excess wind and solar power, making it available during periods of high energy demand and intermittent production.

"We are proud to help Vistra lead the charge in California's transformation to renewable energy sources by designing and building a world-class battery storage project at Moss Landing — a site that has been providing residents with reliable power for more than 70 years," says [Chris Ruckman](#), energy storage director at Burns & McDonnell. "This project will not only help California integrate solar and wind power generation, but also support local reliability needs and provide renewable energy storage flexibility."

“As Vistra strives to transform its power generation portfolio with zero-carbon technologies, Burns & McDonnell is proud to perform the construction of the expansion of the Moss Landing Battery Storage project that will be pivotal in helping them meet their goals,” says [Doug Riedel](#), senior vice president for renewable generation at Burns & McDonnell.

Burns & McDonnell ranks among the top 10 design firms in the U.S. and is No. 1 in Power, according to *Engineering News-Record (ENR)*. Additionally, the firm also ranks among the top 10 design-build firms in the nation.

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About Vistra

Vistra (NYSE: VST) is a leading Fortune 275 integrated retail electricity and power generation company based in Irving, Texas, providing essential resources for customers, commerce, and communities. Vistra combines an innovative, customer-centric approach to retail with safe, reliable, diverse, and efficient power generation. The company brings its products and services to market in 20 states and the District of Columbia, including six of the seven competitive wholesale markets in the U.S. and markets in Canada and Japan, as well. Serving nearly 4.3 million residential, commercial, and industrial retail customers with electricity and natural gas, Vistra is one of the largest competitive electricity providers in the country and offers over 50 renewable energy plans. The company is also the largest competitive power generator in the U.S. with a capacity of approximately 39,000 megawatts powered by a diverse portfolio, including natural gas, nuclear, solar, and battery energy storage facilities. In addition, Vistra is a large purchaser of wind power. The company owns and operates the 400-MW/1,600-MWh battery energy storage system in Moss Landing, California, the largest of its kind in the world. Vistra is guided by four core principles: we do business the right way, we work as a team, we compete to win, and we care about our stakeholders, including our customers, our communities where we work and live, our employees, and our investors. Learn more about our environmental, social, and governance efforts and read the company's sustainability report at <https://www.vistracorp.com/sustainability/>.

About Burns & McDonnell

Burns & McDonnell is a family of companies bringing together an unmatched team of 7,600 engineers, construction professionals, architects, planners, technologists and scientists to design and build our critical infrastructure. With an integrated construction and design mindset, we offer full-service capabilities with more than 60 offices globally. Founded in 1898, Burns & McDonnell is 100% employee-owned. Learn how we are [designed to build](#).