



Energy storage industries asia pacific

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At Energy Storage Industries -- Asia Pacific (ESI), we provide reliable and environmentally friendly renewable energy storage solutions that are essential for Australia's transition to a renewable energy future.

We are investing in the manufacture and distribution of low-cost, long-life iron flow batteries that allow large-scale energy storage for wholesale electricity generators, energy retailers, and commercial and industrial (C& I) customers. Construction has started on our manufacturing facility at Maryborough.

We are also investing in the manufacture of small, modular distributed energy storage units that can be installed in low voltage networks and microgrids, and behind the meter installations for C& I customers.

When fully operational by mid-2029, the plant will deliver 400 megawatts of energy storage annually - enough to power a town the size of Toowoomba. It will also have created up to 273 full-time jobs.

Key components for the batteries will be sourced from throughout regional Queensland. This includes manufacture of the medium of energy storage in iron flow batteries, called electrolyte, in a joint venture with Townsville's Cleveland Bay Chemical Company.

Wilsonville, Ore., September 24, 2024 - ESS Tech, Inc. (ESS) (NYSE: GWH), a leading manufacturer of long-duration energy storage systems (LDES) for commercial and utility-scale applications, today announced that its Australian partner, Energy Storage Industries - Asia Pacific (ESI), has received an investment of AU\$25 million (~US\$17 million) from the Queensland Government and raised a further AU\$40 million (~US\$23 million) in private capital to accelerate the clean energy transition in Australia and Oceania.

With the new investment, ESI will continue construction on a manufacturing facility in Maryborough, Queensland, Australia at which it will assemble long-duration iron flow battery systems. Core components for these systems will be manufactured by ESS in the United States and shipped to ESI for system assembly. The finished systems assembled by ESI will be delivered to customers across the region.

"We congratulate our partners at ESI for achieving this major milestone. This provides clear validation, by both the financial community and Queensland Government, that iron flow technology will play a critical role in the clean energy future," said Eric Dresselhuys, CEO of ESS. "We look forward to our continued partnership as we expand our manufacturing capacity to meet growing, global demand for long-duration energy storage."

This major public and private investment in ESI and iron flow technology follows the award of a financing package of up to US\$50M to ESS by the Export Import Bank of the United States (EXIM) which ESS will use to scale the manufacture and global distribution of iron flow technology.

ESS" iron flow battery technology provides long-duration energy storage that enables the growing utilization of renewable energy. In addition to ESI, ESS has partnerships with global energy and services companies, including Honeywell International, German energy company LEAG and U.S. utilities including the Sacramento Municipal Utility District, Burbank Water and Power and Portland General Electric, among others.

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