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At the MIT Energy Initiative's Annual Research Conference, industry leaders agreed collaboration is key to advancing critical technologies amidst a changing energy landscape.

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The MIT-GE Vernova Climate and Energy Alliance, a five-year collaboration between MIT and GE Vernova, aims to accelerate the energy transition and scale new innovations.

Liquid air energy storage could be the lowest-cost solution for ensuring a reliable power supply on a future grid dominated by carbon-free yet intermittent energy sources, according to a new ...

This article explores the growing demand for batteries in Peru, key applications, and how local suppliers like SunContainer Innovations deliver cutting-edge technology to power sustainable growth.

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In MIT course 15.366 (Climate and Energy Ventures) student teams select a technology and determine the best path for its commercialization in the energy sector.

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Start with 1MW today, expand to 5MW tomorrow. The modular design allows capacity upgrades without system shutdowns crucial for Arequipa fast-growing automotive and textile sectors.

MIT Energy Initiative researchers calculated the economic and environmental impact of future ammonia energy production and trade pathways.

MIT News explores the environmental and sustainability implications of generative AI technologies and applications.

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