Energy Storage Gets a Boost

Sumitomo Heavy Industries and Highview Power partner to bring large-scale, long-duration energy storage to global markets.

Highview Power’s liquid air energy storage technology delivers clean, reliable, and cost-efficient long-duration energy storage to enable a 100% renewable energy future.

We believe energy storage technology is the game changer that can truly unlock the full potential of renewable energy by making renewable energy as dependable and affordable as conventional power.

Our partnership with Highview Power will allow us to bring gigawatt hours of energy storage to the market with the full flexibility to be built practically anywhere it is needed.

Sumitomo SHI FW will lead the liquid air energy storage business within Sumitomo Heavy Industries, applying our technology development, engineering and global project delivery capability, to help our customers transform the world’s energy infrastructure toward a clean and sustainable energy future.

- Flexible siting at point of need
- Compact footprint
- Competitive cost of storage
- 30+ year plant life
- No capacity degradation over plant life
- Utilizes industry proven equipment
- All recyclable plant components
- No emissions

Highview Power’s 5 MW/15 MWh Pilsworth plant in the United Kingdom is the world’s first grid connected liquid air energy storage system. The plant provides grid balancing services to the UK grid, demonstrating the commercial readiness for flexible and clean long-duration energy storage.
Our vision is to provide sustainable energy solutions through decarbonization, decentralization and digitalization of the energy industry. Our capabilities cover customer needs in the fields of power generation utilizing circulating fluidized bed (CFB) technologies, long term energy storage, and related network services. We continuously broaden our portfolio of products and services by advancing our in-house technologies and developing further alliances with new partners.