

Project Profile

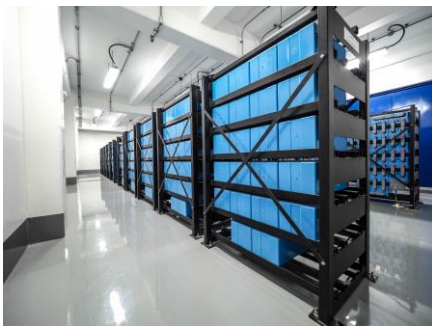
Smart Grid DER Assets Power Electronics Technology



Part of the ExergInc Group of Companies



Enterprise Partners tbc



Project Location: Australia

Project Status: Product Launch

Project Description: FuturEnergySystems Ltd (FES) in collaboration with a leading Technology Provider is capitalising on the energy transition towards intermittent renewables by investing in Distributed Energy Resource (DER) and storage systems. This is a unique opportunity to invest in DER Assets, bundled with an integrated, patented power electronics and software company to optimise and trade assets. Additional value is created through the ownership of Patents, IP and associated technological developments, and licensing/sales to third-party project developers and electric utilities.

The Technology Provider owns a unique portfolio of patented technology to facilitate this transition and plans to build a portfolio of DER Assets i.e. Battery Energy Storage Solutions (BESS) and apply their new technologies, a patent-protected power electronics device that resolves power flow and grid connection challenges. By integrating the technology into projects, grid connections are unlocked, enabling flexible two-way flows. The Technology Provider owns 7 patent families, with more in preparation, offering future opportunities like off-grid renewable microgrids.

Project Highlights: The Technology Provider has purchased the full patent portfolio and lined up up to 30 specialist resources, PhDs and executives familiar with the technology to launch the technology that provides the following benefits:-

- Standardisation.
- Repeatable.
- Modular design.
- Locally developed technology with key patents.
- Bundle sites into a single EPC engagement to reduce risk and costs.
- Potential for price reduction with increased project implementation.
- Long-term revenue from trading and operations.

Key Milestones: The technology roll-out programme has 2 phases over 5 years, dominated by DER Asset deployments and supported by direct project and technology unit sales, creating a standalone, profitable technology business to cross subsidise further asset deployments:-

- Phase 1 proposed 26 x 1MW BESS projects in operation or near completion by June 2026.
- Phase 2 starts July 2026 with a further 90 projects operational or nearing completion by June 2029.

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