Supergen ORE Hub Flexible Fund

Enhancing Control Capability of ORE Systems for Stress Management and Grid Support

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Motivation

- **Grid Support**: grid inverters are unable to source large current during grid fault.
- **Stress Management**: there is no coordinated stress management strategy.

Methodology

- **WP1.** Model building and identification of critical scenarios.
- **WP2.** Optimized short term overloading in power electronic control.
- **WP3.** Power module design for short term overload capability.