

Infrastructure and layout

The proposed system is a containerised scheme, involving proven Lithium iron phosphate battery technology which RES has deployed at multiple projects around the world.

The site would comprise of approximately 112 battery containers . The typical dimensions for battery containers is approximately 6.1 metres long by 2.9 metres high.

The tallest infrastructure is expected to be DNO substation which would have a maximum height of around 7 metres.

The infrastructure would include:

- Battery enclosures
- Power Conversion Systems and Transformers
- DNO Substation & grid infrastructure
- BESS Substation
- Auxiliary Transformer
- Grid Compliance Equipment
- Grid Connection Infrastructure
- Security System
- Landscaping
- Drainage Scheme

