

1MW Shetland Battery

Dedicated website – No

Organisation webpage – No

Centralised portal – ENA Smarter Networks

Objectives/Success Criteria – Yes

Closedown/final report – Yes

Open-source data – No

Peer-reviewed academic output (Primary Subject / Referenced) - 0 / 5

Brochures/Case Studies/Videos – No

On-line major conference/event presentations - 0

Dissemination Event / Output available – 0 / 0

Follow-on project – Yes (NINES)

Consumer Engagement

Consumer Participation – No

Consumer Feedback – No

Output Summary

Progress reports – No

Detailed and objective final report – Yes

Project method detailed – Yes

Performance to objectives detailed – Yes

Lessons learned identified – Yes

Policy/Regulation implications reviewed – No

Outcomes vs. Objectives/Targets

Performance to objectives – All achieved

Key Findings

- Safety risks associated with NaS batteries required a change in technology to lead-acid.
- The 1MW battery was able to reduce the daily peak demand at lunchtime by 1MW.
- The battery was able to facilitate the connection of additional renewable capacity.