

Anna,
Reference the questionnaire:
Q1 to 5 – no issues.

Q6. The development of this plan should be welcomed as a bold step forward to addressing future energy requirements on the isles.

Small scale (individual house/croft) renewable projects (Solar PV/Wind/Micro-Hydro) will become more attractive once a mechanism is in place to store energy produced in this way, and will provide an additional boost to the local job market as demand for the installer skill set rises.

We can look to Europe for some predictions as to the future benefits. Germany has seen a huge uptake of Solar PV due to far seeing renewable energy projects. The demand has created a buoyant market for the supply, installation, commission and maintenance of these systems.

German made inverters (SMA) are now probably the best in the world and are frequency controlled – meaning an easy retro-fit to homes and businesses wishing to adopt small scale micro generation.

The isles have a considerable wind energy potential. This coupled with other renewable systems (Tidal? Pumped storage? Solar PV? Wave?) should make the project feasible.

Regards,

Rob Chroston
Director
Cullivoe Technical Services Ltd

System Support Engineer, HP Enterprise Services
Sullom Voe Terminal, Mossbank, Shetland Isles, ZE2 9TU
Telephone +44 1806 243764
Email: robert.chroston@hp.com