





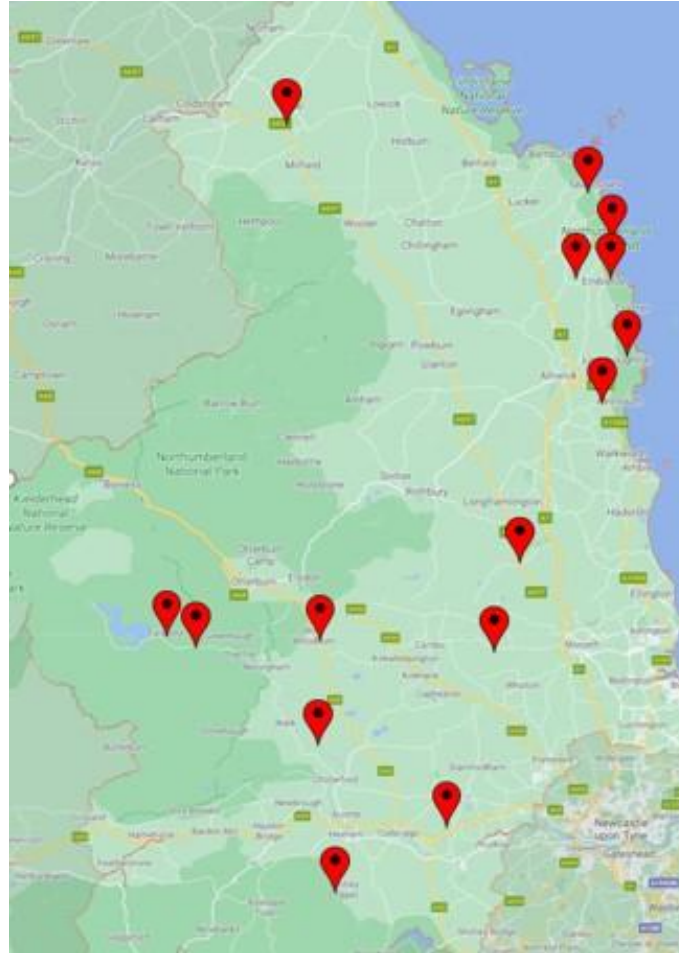
Rural Design Centre
Innovation Project



National
Innovation
Centre
Rural Enterprise
Fostering an
Enterprising Countryside

Solar power/battery storage project
Northumberland Village Halls

Longhoughton Community and Sports Centre
 Beadnell - WI hall
 St Aiden's Thorneyburn
 Hartburn Parish Church
 Embleton Parish Hall
 Corsenside Parish Hall
 Tarsset Village Hall
 Lesbury Village Hall
 Lesbury Post Office and Bowling Club
 Lesbury St Mary's Church
 Newton and Bywell Community Hall
 St Christopher's Church Gunnerton
 Seahouses church / hostel
 Whitley Chapel St Helen's Church
 Whitely Chapel Village Hall
 Rock Parish Church
 Longhorsley Village Hall
 Crookham Village Hall
 Beadnell Links Caravan Park



H E SERVICING LTD

ELECTRICAL - RENEWABLES - GARAGE DOORS - ELECTRIC GATES



Feedback

- Carbon saving: Good - financial payback: tricky
- Energy prices and market changing – increased interest in renewables
- The bigger the better (generally)
- All generate enough to become self-sufficient; all have potential for excess generation
- Battery storage and energy management makes the difference, but adds cost
- EV charging points could be a better use of energy than exporting
- Resilience



Next steps

- Roof surveys to all 19 buildings
- Detailed specification and design drawings for installations at each building
- Grid connection agreement with Northern Powergrid for each site
- Submit planning applications for all 19 building installations
- Full capital cost estimates for each site
- Delivery model (initial modelling underway)
- Funding (North of Tyne Green Deal, Lottery, etc)
- Additional community buildings
- Rural Community Energy Fund (RCEF) stage 2 bid

andydean@ca-north.org.uk

