



Old Radnor and Kington

Energy Local Opportunities in Powys

The Green Valleys CIC

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The Old Radnor and Kington Energy Zone

1. Description

The zone is a relatively large area of dispersed rural settlements between Llandrindod Wells and the Welsh border. Much of the Kington zone is in England and only serves a very limited number of Powys properties and can effectively be discounted. The Old Radnor area is almost entirely within Powys and serves a number of small settlements.

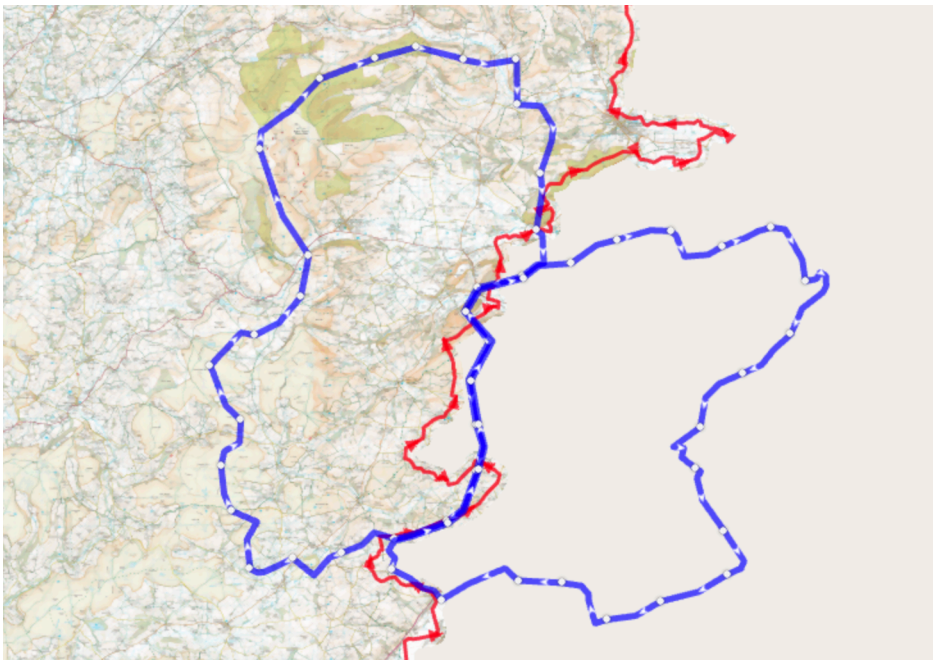


Figure 1 – Old Radnor and Kington energy zone map

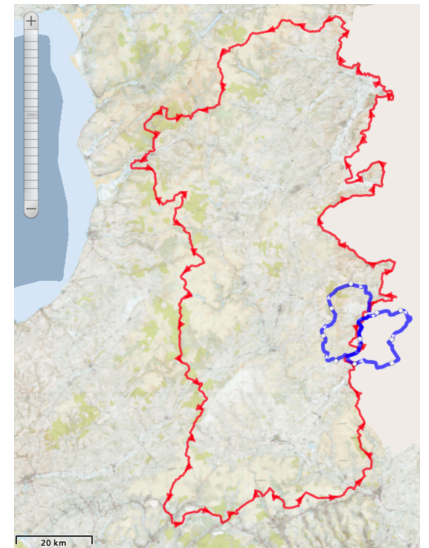


Figure 2 - Powys map

2. Potential viability of an Energy Local Club

There are no hydro or wind generators located within this zone to supply an Energy Local Club.

There is a single large solar PV system in this area, which is potentially large enough but generator benefits are likely to be marginal.

Recruitment of members would likely be challenging and require significant effort for engagement in several small settlements.

Summary of renewable generation in this energy zone

Table 1 - Summary of larger renewable generators in the Old Radnor and Kington Zone

	Number of Registered Schemes	Total Installed Capacity	Average Capacity (kW)	Estimated kWh Produced p.a	Approx Number of Homes p.a Equivalent
Hydro	0	0.0	0.0	0	0
Wind	0	0.0	0.0	0	0
PV >4kW	4	195.1	48.8	156,064	39
TOTAL	4	195.1	48.8	156,064	39

3. Actions to create a successful Energy Local Club

- If a local group can be engaged, promote Energy Local
- Local group maintains a watching brief for new renewable developments.

4. Overall assessment

Unfortunately there is no renewable generator in this zone likely suitable to supply an Energy Local Club.