

Item 8 - Question Time

To the Chair of the Environment, Development & Infrastructure Committee

Highland Council is facing a sharp rise in electricity charges in fiscal year 2019/20. How many of our 1,400 non-domestic buildings or areas of land have been fitted: 1) with LED lighting 2) with solar thermal, solar PV, wind or hydro technologies with or without battery storage to reduce our electricity costs?

Response to Mr D Louden

1) The existing provision of LED lighting has been implemented in a non-structured way and sites have a part provision or part replacement lighting, the sites have not been fully recorded. Culloden Academy has 75% provision of LED lighting, Inverness High School is being refurbished with LED replacements (currently 50% provision), HQ is partially complete (75%) and the Clachnaharry site has been fully replaced.

The Council is embarking on a wide scale LED replacement programme, currently at survey and evaluation stages that is to be funded by Salix recycling funds and 25% of the savings will be allocated to the savings target until the loan has been repaid.

2) The Council currently have a wide portfolio of sites that have benefited from renewable generation technology and the following systems are currently in operation;

- 18 solar thermal
- 85 with PV (previously 120*)
- 3 with wind (previously 16**)

There is no battery storage.

As part of a current programme the Council are progressing 12 sites (totalling 870kW) with PV generation for buildings.

The Council also have a large biomass heat provision (90 sites) along with heat pumps (24) Fuel Cell CHP (1) and gas CHP (7).

Administrative Area	No. Operating Heat Sites	ASHP	Biomass
Badenoch and Strathspey	12	1	9
Caithness	18	1	12
Inverness	24	5	15
Lochaber	16	3	11
Nairn	2	0	1
Ross and Comarty	34	2	24
Skye and Lochalsh	17	6	9
Sutherland	9	0	9
Highland Total	132	18	90
Live RHI Sites	83	0	83

