

## **Installation of Solar Panels at Council Offices**

### **Peel House, 8 Queen Street, Whittlesey, PE7 1AY**

A total of 30 Solar panels have been installed capable of generating up to 9.75kW. When generation exceeds consumption, surplus energy is stored in a bank of three batteries that have a maximum capacity of 7.2kW, when this has been fully charged further over generation is directed into the National Grid.

When consumption is greater than generation, energy is supplied by the storage batteries in the first instance, then provided by the National Grid, so there should be no interruption in power under normal circumstances.

The control of this is handled by a hybrid converter that manages power generated from the Solar Panels as efficiently as possible to minimise reliance on the National Grid and reducing costs to the Council. Energy efficiency measures such as energy efficient lighting automated switching and thermal insulation reduced energy consumption.

It would be helpful to have a picture of the Solar Panel array for archive purposes, could we get someone to do this for us? Alternatively, I know someone that has a drone that could possibly obtain permission to take a photo from that device. I think that a view of the switchgear will be of limited interest unless the viewer understands the significance of what they are looking at (IMHO).

Also published on Cllr Dorling's web page. <http://www.eamonndorling.co.uk/whittlesey-town-council-new-offices-solar-panels>