## Submission ID: 20730

The developers claims that the landscape is already industrialised due to the distant landmark of the disused power station are entirely a distortion of the truth. The land is currently in productive agricultural use with open fields and changing seasons of sowing, crop growth, harvest and working down ground. These are pastoral scenes in complete opposition to 4 metre high blackened solar panels in great seas of visual disparity. These panels are a pollution of the visual landscape of the countryside where we live. We are now in our sixties and the hedges that the developers claim will screen over 800,000 panels 4 metres in height, security fences and 5 metre high security cameras will most likely only reach maturity when we are in our seventies and near the end of our lives. All the beauty of the land will have been robbed. This does not even allow for the horror of the actual construction of these sights when the countryside will be scarred for the rest of our lives and we are to be left bereft and helpless as our landscape and the landscape of our children and grandchildren becomes disfigured.

The battery storage causes great concern. Recently we have seen documentaries of the nuclear plant in Cumbria and how no proper plans were in place when it was developed fir use as a nuclear power station. The site is now going to take over a hundred years and billions of pounds to restore in one of the most beautiful areas of our land. These battery banks give great concern that commercial companies will not have made provision for their disposal at the end of their life. Have measures been considered and incorporated into the design that will facilitate their recycling in the future or will our future generations be left with another terrible clean up operation? Where will they be manufactured and in which country? Will they use lithium iron phosphate which has a lower risk of thermal runaway? Have there been unforeseen impacts during or post construction of other sites and if so what were they and what mitigation had to be utilised? In our family's limited experience of industrial lithium batteries - the use of which was for a tracker welded to an agricultural vehicle. The smallest drill hole caused a massive explosion and injury to people present. These massive banks of lithium batteries must be a huge threat to the surrounding population in the event of an incident - how would any event be managed in a rural setting with fire services that would have no skills for this sort of disaster.

The claims by the developer that these solar panels would produce large amounts of low carbon energy are also to be refuted when they cannot produce any electricity at night or during times of cloud cover. There must be better alternatives when the times when power is most needed in the winter and in the evenings are when no energy can be produced. Off shore wind is not reliant on sunshine and if solar panels are to be used they should surely be on brown field sites and built into the construction of every new house build. Since there are 4 proposed sites all around us on the countryside all these factors will be compounded and there are no real scientific studies of how the ecosystems and habitats of birds and wildlife are affected. Only one university in the UK has done any kind of research. Will these developers be encouraging any kind of proper scientific study of the effect on our and our children's environment? How will barn owls and other birds of prey aim their hunting to the 8 metre strips between rows of panels? What will happen to the deer and hedgehogs that become trapped within perimeter fencing and will their be open corridors for hedgehogs that are publicised as essential in every garden as necessary for their survival?

This is a solar panel myth that these massive industrial sites will be beneficial to mankind and especially the population that they are forced on - the land could produce a much needed resource of food energy that is in limited supply in much of the world which makes it an abomination that it should be replaced by commercial enterprise that only has as its heart profit.