

Objections to the Sunnica Scheme - John Bridges - Dec 2022

1. It's mostly an electricity price arbitrage system – not a solar farm

Sunnica told me that only 20% of the site profit will come from the solar panels/farm part. 80% will come from the BESS, by using it as an electricity price arbitrage system; ie. Buying units at night cheaply from the grid and then selling them back during the daytime or at peak demand times at much higher price.

So they could just have some big batteries joined to the grid and achieve 80% of the profit, without having to cover 3,000 arable acres of land with large solar panels.

The solar farm disguises what this development is really about!

2. BESS Lithium Iron batteries are unsafe

The BESS will house large Lithium Iron batteries, yet there have been so many high profile accidents and fires with these systems. When it burns, such a battery burns very strongly and emits noxious gases. The Fire Brigade either have to smother them with a very big cloth (which they don't have) or just let them burn themselves out over 1-2 days. Same with a Tesla car which uses similar technology – the Fire Brigade just let them burn themselves out.

There have been such fire incidents with this type of battery all around the world. Lithium Iron batteries are not yet proven safe, and the BESS ones are very big too.

I doubt the Halon gas fire suppression system in the BESS containers will be adequate to put out or restrain such a fierce BESS battery fire.

3. The location is chosen due to only 3 landowners involved

Why has Sunnica chosen this area, close to villages and schools and on good arable land?

Its because they can secure their 2,800 acres by just working with 3 landowners, which is easier for them than dealing with say 10 landowners in a better location.

This is why the proposed site is NOT a very good choice, but is convenient for them.

In summary, above are just 3 out of many reasons **why I strongly oppose this dreadful development.**

Thank you.