

I note that in comments from interested parties, that applicants for West Burton, Cottam & Tillbridge Solar developments have resisted as interested parties and declare support for Gate Burton project, thus demonstrating that they are very much working in concert, sharing resources and goals. The impact on the area of huge Solar PV sites, BSS, ancillary switch gear, transformers, inverters, construction, traffic impact etc should be viewed as a whole.

My opposition to the scheme is:-

- 1, Failure of the developers to engage fairly with the public, not consulting in good faith, being intentionally vague, over use of the "Rochdale Envelope" breaking promises on supply of specific information on aspects of the site.
2. Overtly misleading the public as to the achievable output of power, thus an inflated number of homes powered & carbon tonnage saved.
3. The origins of the panels & equipment, the probable use of [REDACTED] labour, in the manufacture chain from mining to processing to manufacture.

Solar Energy UK admitted that Developers needed to audit more thoroughly as PV panels likely made in China [REDACTED] (Report Daily Telegraph)

4. China being the main (cheapest) supplier of Solar PV and equipment is using exponentially more coal for generation along with increasing quantise of gas & oil/petroleum, pushing up their CO2 emissions worldwide by in excess of 35% in addition to the emissions for rare earth, minerals and metals, required for the manufacture of PV Panels, Batteries, and equipment (often sourced and processed in China owned mines & plants outside of China in countries that have their own ethically problematic work regimes) consideration must be given to the true carbon footprint and how long(if at all) will it take to be carbon neutral. Given the poor longevity of PV panels (10-25 years) before replacement, ergo the process must start again(mine processing, manufacture, replace) in addition to multiple shipping.

China is becoming more belligerent and threatening, a recent report by the security services, said China had infiltrated every aspect of financial affairs in UK. I believe it is unwise to further strengthen the foothold by becoming wholly reliant on Chinese Manufactured technology for the UK power supply industry, particularly when not investing in more reliable, density able alternatives, whilst dismantling traditional power mediums.

5. Impact on food security. Yesterday (17/07/23) saw the last bulk grain cargo vessel leave the Black Sea for Turkey. Russia has decided not to extend the treaty allowing wheat to be exported from Ukraine & Russia.

This will in all probability cause the price of wheat & grain to rise sharply as the international market scrambles to buy what is available. Lincolnshire has traditionally supplied around 30% of UK wheat, however with farmland potentially disappearing under Solar P, the UK will need to depend more on imports and when that supply is short it will make it more expensive. This on top of a loss huge loss of GDP in the farming sector & beyond.

6. Wildlife, despite a promise of increased biodiversity there have been no details as to what that increase will be, how that will affect current biodiversity, how it will be managed and maintained. and what will happen to the wide and bio diverse wildlife and plant life that currently exists. Where do they go when 10,000 Acres + are decimated by industrial piling, traffic, and panel erection. The promised biodiversity seems to rely on small enclaves, titled Lapwing or Skylark, that hold little promise of realising fulfilment.

7. Flooding, I have grave concerns about the spectre of flooding. My residence lies adjacent to the northern most field in the plan, it is a former farm workers cottage built around 1846. The road at the front has since it's original metalling been raised over the years, it lies adjacent by some 18M to the Upper Witham drain. Which in normal times is a fleet running rivulet. However in heavy rain this will swell quite rapidly, the roadway is drained into this by underground pipe. We Lived there for 17 years and in that time we have experienced episodes of surface water flooding. The Upper Witham has come within 2inches of breaching the banks, the road drainage was overwhelmed and some properties were flooded internally whilst others where surrounded by flood water this was only prevented from entering our property by pumping (electric & Motor) and bailing. This has happened on several occasion during our tenure. The only capacity for this water was the Upper Witham. Therefore I have concerns that the runoff from so many solar panels that rain will concentrated in channels on compacted clay substrate and be channeled via Swales etc into to the river thus using or even exceeding it's capacity adding exponentially to the risk of property flooding. Consideration should also be given to environmental concerns if it were to overwhelm to sewage pumping station (homes often subject to non return valve closure in heavy weather rainfall) and toxic runoff from panels draining into water course.

- 8 Battery Storage (BSS) is potentially unstable, Thermal runaway can occur causing uncontrollable fire and explosion even in the confines of a container, which will doubtless spread As it needs no oxygen for combustion. These are as yet not covered by planning regulations as requiring HAZMAT safety control, although legislation is currently being put before Parliament, therefore consideration should be given to this in the light of possible stringent regulations in the future. Given it's unstable propensity and likelihood to emit harmful toxic fumes & particles.

- 9 property values are under pressure due to an inflationary economy, however the increased pressure on homeowners should they be forced to move as the area becomes industrialised would see a further decrease in value, there has been no offer or plan to mitigate for this.

10. Traffic this scheme alone will bring a huge increase in heavy, medium & light traffic, in addition to abnormal loads, will punish the rural narrow lanes, road surfaces, verges and pathways will all suffer, repair will undoubtedly be left to the county highways, a further burden on rate payers. The impact on the limited routes into the area, be it A road or B road will be enormous over a pe riot of 3-4 years as one project overlaps the other multiplying the rate of construction traffic on sometimes already very busy road routes. Roads will be dangerous, particularly the rural roads that have a 60MPH limit (often exceeded) when carriageways are left littered with mud and detritus of construction sites. Developers claim there will be a wheel wash for lorries exiting the sites. However this will do little to remove the heavy clay soil that has adhered to tyres until it reached tarmac surfaces.

- 11 Noise during construction from piling up to 12 hours a day 6 days per week is unacceptable, particularly on residential areas next to the scheme. The situation can only exasperate to level of effect on peoples well being and mental health.

Again no discussion on mitigating the effects.

12. The scheme is in contradiction to the West Lindsey Plan. I believe this should take precedence.

I would like to be present at the accompanied inspection, particularly at the Kexby Lane on the SE corner of the northern most field in the plan.

I would also like to speak at an open floor event.

I support the holding of planning inspectorate events in a venue closer to the proposed scheme.



