

Summary submission opposing Gate Burton Energy Park.

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It has become apparent that noticeable opposition to this scheme is stronger than when the examination started.

Gate Burton Energy Park being the first announced, saw a confused, sometimes disjointed, and less robust opposition. There was no direction, individually we are inexperienced and uninformed on the mechanics of examinations, finding information was difficult, authoring valid and pertinent points took so much time, particularly using outdated information technology equipment, rudimentary laptops, pads or phones, laborious research was required in attempting to understand Governmental and developers jargon & terminology, trying to read, digest and understand publications and papers all within a short deadline period and at the same time attempting to fulfil the obligations of family, work, care, health and trying to sleep whilst worrying about the quality of the required submission.

The developers however with the benefit of dedicated legal teams from the same set & hired technical advisors, and using a calibrated time scale and methodology designed to reduce opposition by attrition, have had years to prepare for an examination.

The reason not as many residents registered to object is in all probability, being due to the poor quality prior notice of the development and the developers consultation not being conducted in good faith, the withholding of information and intentions by adoption of the Rochdale envelope.

The engineered timings of applications of this and other developments leading to consecutive and concurrent examination periods have left individuals unfairly fearful and bewildered with the process and due to the methodology of consultation, some still know little about these schemes, other than there are proposals.

Many more residents oppose the schemes but have been late in gaining insight into the detrimental impact it will have on communities, the area, landscape, topography, wildlife, demographics, health, both physical & mental, erosion of property values, loss of farmland, food insecurity, loss of traditional rural jobs, loss of amenity, construction noise and pollution, increased flood risk, exponential traffic uplift.

With the following examinations West Burton & Cottam, attendance has grown as has opposition albeit too late to voice that opposition to Gate Burton Energy Park.

I agree with others that all these projects should be considered as one mega site threatening circa 10,000 acres of high yielding arable land. The fact that this and the other projects are being represented by the same legal firm indicates collusion. A fact borne out on the company website. (Fig1)

The immensity and scale of this and other proposed projects will have a detrimental effect upon communities, villages and even the town of Gainsborough and city of Lincoln will be affected (although not consulted).

Wildlife and natural habitats will be destroyed wholesale, species may be lost to the area, ranging beasts forbidden the field to roam, traditional seasonal nesting sites decimated, ancient hedgerows uprooted and replaced with wire, dark skies polluted by perimeter lighting around wired enclosures, trees lopped or felled as a convenience, further damaging the present local well established bio diversity. The developers promise of a 10% increase in bio diversity is a somewhat hollow statement, what species of flora & fauna will be increased. Is the datum line for the increase pre or post current bio diversity levels? Can Solar Park developers invent and install a new eco system and how long will it take to establish post the apocalyptic construction phase?

Therefore, the cumulative impact of these 4 huge schemes needs to be assessed by a separate examination that can study the true impact of such a huge acreage of intermittent solar arrays replacing productive arable farmland, should be undertaken to fully appreciate the negative impact on the area and wider communities, jobs, communities, villages, food security, mental & physical health, wildlife, construction, traffic uplift, inefficient, intermittent & diffuse solar energy outputs, battery storage fire risk, longevity for panels, replacement reconstruction, end of life disposal, loss of landscape, amenity, local tourism to name just some of the adverse impacts of this and other schemes.

Increased flood risk to properties, roads and surviving arable farmland. West Lindsey lies upon a heavy clay substrate with a very slow permeable quality. Farmland can have surface water in the fields for months. One of the great fears for residents is the concentrated rainfall runoff from millions of non permeable solar arrays onto a slow permeable heavy clay substrate that is further compacted by construction, that the method of reducing the inevitable surface flooding to the solar park, will direct this excess runoff into adjacent drainage ditches like the Upper Witham. These drainage ditches are at times running full to capacity and have with regularity breached their banks causing flooding to properties & roadways, should the finite spare capacity of these ditches be utilised to remove excessive rainfall runoff from solar arrays, then properties that often experience surface water ponding around the properties will have no capacity to remove surface water from around their properties and would experience internal flooding.

Fig 2 & 3

Solar panels are notoriously inefficient achieving circa 11% it's supposed capacity. They are notoriously intermittent and rely heavily on gas turbine generation, not only for base power, but also when the often cloudy rainy weather lies over Lincolnshire, and when it is needed late afternoon till mid morning on a winters day, it is absent completely reliant wholly on gas turbine generation to do its job. But batteries, well the batteries are most of the time to be charged from the grid, spare power they claim, but in fact they are creating a demand upon the grid, and also they can sell it back later at a huge arbitrage profit. The reliance upon gas turbine generation for supporting grid energy supply when solar often cannot, West Burton B CCGT plant is being joined by a newly constructed Open CGT (West Burton C) capable of ramping up quickly in order cover the inefficiency of fair meteorological requiring solar. But Open CGT generation is less fuel efficient, burning much more fuel to reach optimum. It is also more polluting venting exhaust gases to atmosphere.

Food security, With the fragility of world food supply, the fragility of world peace, and the ever changing climatic conditions, it is folly to sacrifice so much high yielding arable farmland in exchange for such a low yielding energy medium.

Food security must be taken into consideration against the loss of food produce and biofuels.

Security. We are as a nation dangerously becoming dependant upon a belligerent power for our energy production.

China controls the mining and processing of circa 93% of rare earth minerals.

China has recently imposed export controls of Gallium and Germanium 2 elements vital in the production of semiconductors used in advanced technology including defence.


China stands accused of employment of forced labour, particularly in the Solar wafer and Solar panel industry,

China is accused of child exploitation in the extraction of Lithium in Congolese mines.

Germany and much of Europe became dependent upon Gazprom of Russia and even buckled to Putins demands to pay for gas in Roubles during the early years of the Ukraine war, eventually Germany was forced demolish villages to open a lignite mine for energy generation.

We need a high density fleet of nuclear generated power plants.

Despite my opposition to this and other solar developments, I believe that solar has a place in generating energy, they should however be located only on brownfield sites, warehouses and residential rooftops, There are plans for thousands of new homes, in Gainsborough including developments currently being built, yet none of these will have solar fitted as a requirement. If the new terminology of Critical is to taken seriously, we need to apply it to new builds, retrofitting residential homes and warehouses brownfield sites, leave rural farmlands todo their part in feeding the nation and capturing carbon.

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- [Advised SUSI Partners](#) and its Energy Transition Fund on the launch of a renewable energy platform to develop largescale renewable developments across Southeast Asia.
- Overhauled traditional solar development conventions establishing innovative collaborative processes to pursue planning approval for two projects in Lincolnshire developed by Island Green Power and Low Carbon.
- Advanced our ESG-focused solutions for clients with the [acquisition of sustainable finance consultancy Morgan Green Advisory](#).
- [Vario's](#) Managed Legal Services team has increased revenue by 64%, the Centre of Excellence by 44% while Vario's total revenue has increased by 38%.

Flg1.

Fig2 & 3

