

To: The Examining Authority

Planning Inspectorate

Project: Fosse Green Energy (EN010154)

Subject: Concerns regarding Fosse Green Solar Development, BESS, Substations, Land Use and Water Contamination

Dear Sir or Madam,

I am writing to formally raise my concerns regarding the proposed Fosse Green Energy development, including the solar arrays, Battery Energy Storage Systems (BESS), associated substations, and the wider impact on the countryside and land.

My primary concern is the scale of this development and the permanent transformation of large areas of productive countryside and agricultural land into industrial infrastructure. Once land is covered with solar panels, access roads, security fencing, substations, and battery storage compounds, it is no longer countryside in any meaningful sense. This represents a significant and long-term loss of rural character and food-producing land.

I am also concerned about the cumulative impact of the project. The combination of solar arrays, BESS facilities, substations, cabling, lighting, and access infrastructure creates an industrial landscape spread across a wide area, rather than a single contained site. This level of industrialisation is out of keeping with the rural nature of the area and will permanently alter its character.

Of particular importance is the issue of water and land contamination. There appears to be insufficient scrutiny of:

- potential leaching of chemicals from solar panels over time, including PFAS-related substances,
- runoff from panel surfaces into surrounding soil and watercourses,
- the risks associated with battery storage systems, including leakage following failure, fire, or flooding,
- impacts on groundwater, agricultural soils, and nearby water supplies.

Once contaminants enter the soil or water table, the damage may be irreversible. I am concerned that these risks are not being given adequate consideration within the examination, especially given the long operational life of the development.

I also wish to raise concerns regarding the Battery Energy Storage Systems (BESS). These introduce additional risks, including fire, thermal runaway, toxic emissions, and contamination following incidents. The proximity of such installations to rural communities, farmland, and sensitive environments requires the highest level of scrutiny and transparency.

Finally, I am concerned that alternative approaches — such as prioritising rooftop solar, brownfield sites, and previously developed land — are not being adequately considered before committing large areas of countryside to this type of development.

I respectfully ask that the Examining Authority:

- fully considers the long-term impacts on land, water, and food security,
- ensures that chemical leaching, water contamination, and cumulative impacts are explicitly examined,
- carefully weighs the permanent loss of countryside against the claimed benefits of the scheme.

Thank you for considering my comments as part of the examination process.

Yours faithfully,

Katina Johnson

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Lincolnshire