

Application by Mallard Pass Solar Farm Limited for an Order Granting Development Consent for  
Mallard Pass Solar Project- EN010127

Submission by John Hughes: ID ref: 20036141

Deadline 2 Written Representation: Chapter 14 Socio-Economics (APP-044)

Is the proposal to build Mallard Pass Solar Farm being done in the long term interests and benefits of the residents of Essendine and surrounding Villages, the Rural economy and environment as well as the UK Business and Economy or are Capital Investors looking to take advantage of COP26 and the government's plan to have Carbon Zero energy production by 2050 using National Significant Infrastructure Project (NSIP) planning protocols to override local people and councils to achieve their goal.

I ask the examining body what does Mallard Pass Solar Farm economically give back to the local community and rural economy and UK economy in the long term, does it support and benefit UK industry and food production? Will end consumer get lower energy prices and will the profits generated and payed for by the UK consumer be invested back into supporting UK Industry, Jobs and Economy. Who benefits long term as the project once complete will only create 4.5 jobs with a combined annual income of 154,800GBP per annum. (APP-044) which in the long term is not a major benefit to either the local or UK economy as a whole.

Even though Windel Energy Ltd are pushing this DCO for Mallard Pass Solar Farm, if accepted upon completion they will not be responsible or accountable for what is implemented and have no further responsibility for what is constructed, it will be Canadian Solar Inc. (APP-022).

Looking into the government web site Companies House the applicant Windel Energy Ltd (company number 11650112) (*previously Windel Capital Ltd*) who are driving this DCO for the Mallard Pass Solar Farm (company number 12575861) have sold/transferred significant control of Mallard Pass Solar Farm to CS UK Holdings III Ltd. even before the examination has been completed and would transfer the remainder of the shares if the scheme were to reach the ready-to-build-stage. I believe the majority of profits generated the will exit the UK economy filtering through to Canadian Solar Inc. whos manufacturing is in Asia & Americas not the UK. Canadian Solar Inc. have significant control over CS UK Holdings III Ltd, (company number 10909660).

If Canadian Solar Inc. have nothing to hide from the UK Government why when you look into Companies House are their so many companies of various names which when researched drive back to Canadian Solar Inc. as the major stake holder, (*see appendix*) Is it because they are a major manufacturer of PV cells that have a monopoly over the whole supply chain for PV Cells and can suppress any competition in the UK market and want to hide the level of profits they will make from UK consumers. Canadian Solar UK Projects Ltd (company number 09195335) in the filing of the 13<sup>th</sup> Sept 2022 page 124 shows US government filing for Antidumping, and Countervailing Duty to protect the US market. What will dictates the price of solar generate electricity to the UK consumer?

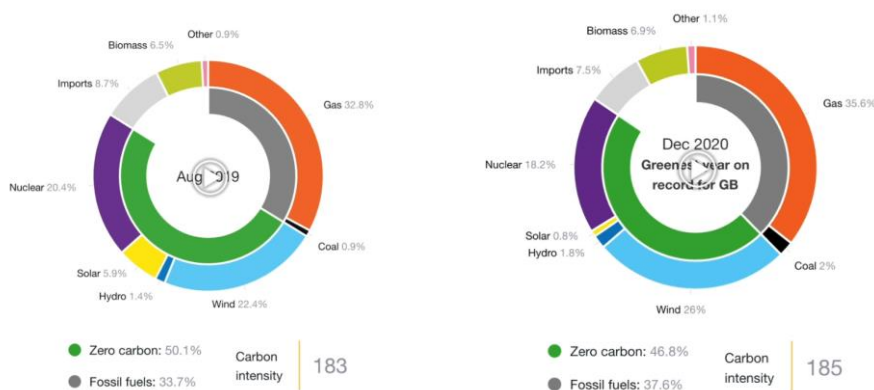
Mallard Pass Solar Farm

- If the Capital cost is 245 million GBP and the project can power 92,000 homes, the cost per house is 2,663.00 GBP.

- The average annual UK electricity usage is 2,900 kWh per house which today at 0.3321GBP per kWh equals 963.09 GBP per annum (not including standing charge)
- 92,000 households spending 963.09 GBP combined equals 88.6 million GBP per year, so the capital expense will be returned in 2.76yrs
- After three years where is this money/profits which will be taken from the UK consumer/economy going to go?

Canadian Solar Inc. are already starting to sell projects built elsewhere around the world to capital investors with Windel Energy looking for another DCO for 'Fosse Green Energy' in North Kesteven with Canadian Solar as a sponser. (*Appendix i*)

The United Nations Life Cycle Assessments for Electricity Generation Options Carbon Neutrality report for March 2022 attached link [UNECE](#) shows utility Photovoltaic (PV) Solar Farms are one of least efficient forms of renewable energy production with some of the highest lifetime pollution ratings for Green House Gas emissions (GHG emissions) with dependency on mineral resources and land usage. PV systems are not a stable and reliable source of utility energy production for the UK with lower efficiency than wind which can still produce energy after the sun has set with pg7 of the National Grid report. [The Road to Zero Carbon: interactive report | National Grid ESO](#) showing how poor electricity production can be during the darker months when it's needed most.



PV systems should be on roof tops and new homes where they operate most efficiently and where home owners can take advantage of the low cost energy

*(The United Nations Life Cycle Assessments for Electricity Generation Options Carbon Neutrality report)*

Wind and small modular nuclear generated power are greener and have significantly lower land occupation these are the power options the Government should be selecting for utility power production as they support UK industry and food production because of their significantly lower land occupation.

Rolls Royce Small Modular Reactors [Small Modular Reactors | Rolls-Royce](#) require the equivalent space of two football pitches and produce 470 MW of reliable low carbon electricity enough to power 123,000 irrelevant of weather conditions and can be used for Hydrogen and Synthetic fuel manufacture.

*(The United Nations Life Cycle Assessments for Electricity Generation Options Carbon Neutrality report)* conclusion highlights the following:

- *GHG emissions: Solar technologies show GHG emissions ranging from 27 to 122 g CO<sub>2</sub> eq./kWh for CSP, and 8.0–83 g CO<sub>2</sub> eq./kWh for photovoltaics, for which thin film technologies are sensibly lower-carbon than silicon-based PV. Wind power GHG emissions fluctuate between 7.8 and 16 g CO<sub>2</sub> eq./kWh for onshore, and 12 and 23 g CO<sub>2</sub> eq./kWh for offshore turbines.*
- *Land Occupation: is found to be highest for concentrated solar power plants, followed by coal power and ground-mounted photovoltaics.*
- *Material resources are high for PV technologies (5–10 g Sb eq. for scarcity, and 300–600 g of non-ferrous metals per MWh), while wind power immobilises about 300 g of non-ferrous metals per MWh.*
- *transformation to lower voltages, incurred losses, and distribution lines to residential or commercial areas are not included. There is only one exception to this rule: roof-mounted PV, which technically delivers low-voltage electricity to households,*

Canadian Solars Production is in China the world's biggest most prolific CO<sub>2</sub> emitter.

The examining body/UK Government need to deeply consider who benefits if this DCO is approved. The residents of the village of Essendine and its neighbouring villages in both Rutland & South Kesteven Council's don't, the local economy and industry don't, the national economy and industry don't, the end consumer does not benefit from cheaper electricity, supply chains be it for human or animal food consumption are put under greater pressure at a time of Global instability as available land is reduced.

Mallard Pass Solar Farm is a Capital Investment project with no long term financial benefits to the UK economy the local/wider rural community, UK Agriculture or UK Industry.

Appendix i

Companies House [Companies House - GOV.UK \(www.gov.uk\)](https://www.gov.uk) confirms the following:

1. Windel Energy Ltd (11660112) [WINDEL ENERGY LTD \(11650112\)](#) was owned by Gary Leigh Toomey and Ylorne Louise Toomey, the previous business name was Windel Capital Ltd, they owned 14 sub business known as Windel Solar, which are referenced below with Mallard Pass Solar Farm having been Windel Solar 3 Ltd previously.
  - 1.1. Windel Solar 1 Ltd(12357995)
    - 1.1.1. *is now known as CYP Solar Limited(12357995) [CYP SOLAR LIMITED \(12357995\)](#) with CS UK Holdings III Ltd(10909660) having over 50% of the shares, with Canadian Solar Inc. having significant control over them.*
  - 1.2. Windel Solar 2 Ltd
    - 1.2.1. *Is now known as Coubar Solar Limited(12566686) [COUBAR SOLAR LIMITED \(12566686\)](#) with CS UK Holdings III Ltd(10909660) having over 50% of the shares, with Canadian Solar Inc. having significant control over them.*
  - 1.3. Windel Solar 3 Ltd(12575861)
    - 1.3.1. *Is now known as Mallard Pass Solar Farm(12575861) [MALLARD PASS SOLAR FARM LIMITED](#) with CS UK Holdings III Ltd(10909660) having over 50% of the shares, with Canadian Solar Inc. having significant control over them.*
  - 1.4. Windel Solar 4 Ltd(13043263)
  - 1.5. Windel Solar 5 Ltd(13043359)
    - 1.5.1. *Is now known as Talgren Solar Limited(13043359) [TALGREN SOLAR LIMITED \(13043359\)](#) with CS UK Holdings III Ltd(10909660) now having more than 50% of the shares with Canadian Solar Inc. having significant control over them..*
  - 1.6. Windel Solar 6 Ltd(13043454)
  - 1.7. Windel Solar 7 Ltd(13043359)
    - 1.7.1. *Is now Known as Thaw River Solar Limited(13043359) [THAW RIVER SOLAR LIMITED \(13043475\)](#)*
  - 1.8. Windel Solar 8 Ltd(13043499)
  - 1.9. Windel Solar 9 Ltd(12582609)
  - 1.10. Windel Solar 10 Ltd(13438725)
    - 1.10.1. *Is now known as Fosse Green Energy Limited(13438725) [FOSE GREEN ENERGY LIMITED](#)*
    - 1.10.2. *Fosse Green Energy Ltd, **320MW Solar and Energy Storage Park**. [Overview - Fosse Green](#) ██████████ in North Kesteven*
  - 1.11. Windel Solar 11 Ltd(13438688)
  - 1.12. Windel Solar 12 Ltd(13438868)
  - 1.13. Windel Solar 13 Ltd(13438704)
  - 1.14. Windel Solar 14 Ltd(13438705)

Windel Energy Ltd(11650112) are also linked with six further businesses to which Gary Leigh Toomey is a Managing Director and the majority partner being Canadian Solar UK Projects Ltd(09195335), [CANADIAN SOLAR UK PROJECTS LTD](#) with Canadian Solar Inc. having significant control over that business

- 2.1. CSWE 1 Limited(13710920)
- 2.2. CSWE 2 Limited(13714757)

- 2.3. CSWE 3 Limited(13714767)
- 2.4. CSWE 4 Limited(13714782)
- 2.5. CSWE 5 Limited(12714747)
- 2.6. CSWE 6 Limited(13714752)
- 2.7. CSWE 7 Limited(14475805)
- 2.8. CSWE 8 Limited(14479318)
- 2.9. CSWE 9 Limited(14879799)
- 2.10. CSWE 10 Limited(14879823)

Of the 14 companies originally known as Windel Solar xx Ltd, and to which Windel Energy Ltd(11660112) originally had 100%, 2 now have majority ownership by CS UK Holding III Ltd (10909660) [CS UK HOLDINGS III LIMITED](#) which was previously known as Canadian Solar Inc. The new Directors are Mr Julio Fournier Fisas, Mr Endri Tirkshiqi,

Mr Endri Trickshiqi is associated with the following companies some of which are a joint venture with Windel Energy(11650112)

1. [CS UK HOLDINGS III LIMITED \(10909660\)](#)
2. [CSWE 4 LIMITED \(13714782\)](#)
3. [CSWE 3 LIMITED \(13714767\)](#)
4. [CSWE 6 LIMITED \(13714752\)](#)
5. [CSWE 5 LIMITED \(13714747\)](#)
6. [CSWE 1 LIMITED \(13710920\)](#)
7. [TALGREN SOLAR LIMITED \(13043359\)](#)
8. [TILLBRIDGE SOLAR LIMITED \(12887594\)](#)
9. [GLAMORGAN SOLAR 1 LTD \(13566944\)](#)
10. [STAFFORDSHIRE SOLAR 1 LIMITED \(13371267\)](#)
11. [BEDFORDSHIRE SOLAR 1 LIMITED \(13371176\)](#)
12. [DARLINGTON SOLAR 1 LIMITED \(13370167\)](#)
13. [NORTHAMPTONSHIRE SOLAR 1 LIMITED \(12838980\)](#)
14. [LEICESTERSHIRE SOLAR 1 LIMITED \(12830500\)](#)
15. [CSWE 2 LIMITED \(13714757\)](#)
16. [CYP SOLAR LIMITED\(12357995\)](#)

Mr Juio Fourneri Fisas is associated with

1. [TILLBRIDGE SOLAR LIMITED \(12887594\)](#)
2. [CYP SOLAR LIMITED\(12357995\)](#)

## Overview

**Fosse Green Energy is a proposal for a new solar and energy storage park and infrastructure to connect into the national grid. The project is anticipated to have a generating capacity of 320MW (Mega Watt) which can generate circa 300 to 360GWh (Gigawatt hours) of energy per year.**

The clean, renewable energy produced by Fosse Green Energy will make a valuable contribution to the UK Government's targets to reach net zero by 2050. The Government's Net Zero Growth Plan published in March 2023 reiterated these aims, including the commitment to increase the UK's solar capacity fivefold by 2035.

Because the capacity of the solar farm exceeds 50 megawatts (MW), Fosse Green Energy is classified as a Nationally Significant Infrastructure Project (NSIP) and requires a Development Consent Order (DCO) under the Planning Act 2008. You can find out more about the project's development process [here](#).

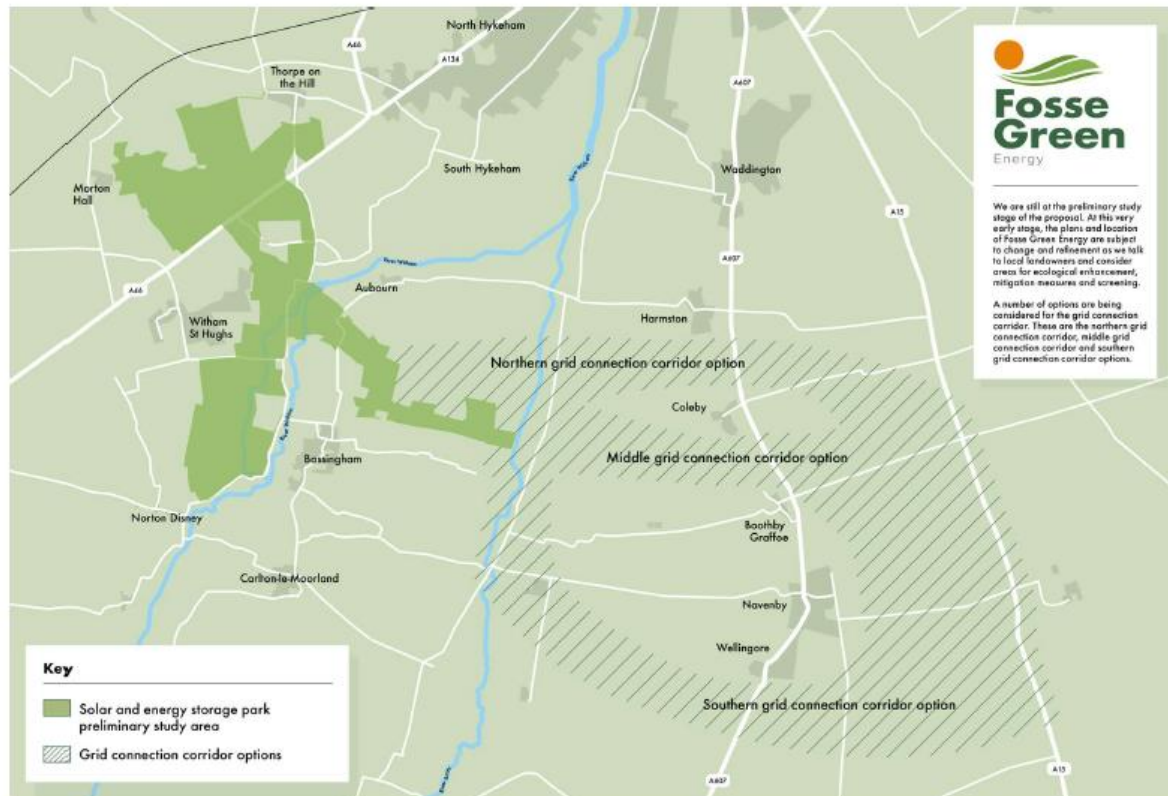
## Location

Fosse Green Energy is proposed to be located on agricultural land 9 kilometres (5.6 miles) south west of Lincoln in North Kesteven, Lincolnshire. It will be made up of solar

photovoltaic (PV) panel and Battery Energy Storage areas located on the north and south of the A46, commonly known as Fosse Way. To the east of the solar PV panel area we are looking at potential corridors for transporting electricity through either underground cables or an overhead line to a connection point into the national grid. We are currently considering a number of options for the connection corridor.

There will also be areas for ecological enhancements, mitigation measures and screening, as well as access points and infrastructure for energy storage.

The preliminary study area that we are looking at for the potential project is outlined below.





# About us



Founded in 2018, Windel Energy is a privately held company that specialises in the development and asset management of renewable energy projects and low carbon technologies.

With more than 3,5 gigawatts (GW) of clean, renewable power and battery energy storage in various stages of development, Windel is at the forefront of low carbon technologies including solar, energy storage, and onshore wind, and are helping to pave the way to achieve the UK's net zero target by 2050.

Windel Energy is committed to responsible land use and believes that the development and delivery of a large-scale solar energy and storage park can be achieved in harmony with its surroundings.



Canadian Solar was founded in 2001 in Canada and is one of the world's largest solar technology and renewable energy companies. It is a leading manufacturer of solar photovoltaic modules, provider of solar energy and battery storage solutions, and developer of utility-scale solar power and battery storage projects with a geographically diversified pipeline in various stages of development. Over the past 22 years, Canadian Solar has delivered around 88 GW of premium-quality solar photovoltaic modules around the world. Likewise, Canadian Solar has developed, built and connected around 8.8 GWp in over 20 countries, with approximately 574 MWp of projects in operation, 6.7 GWp of projects under construction or in backlog (late-stage), and an additional 18 GWp of projects in the pipeline. Canadian Solar is one of the most bankable companies in the solar and renewable energy industry, having been publicly listed on the NASDAQ since 2006, with a mission to foster sustainable development and create a better, cleaner earth for future generations by generating electricity from the sun.

Canadian Solar has a strong track record having developed and built dozens of projects in the United Kingdom including Christchurch Solar Farm (Dorset), Bobbing Solar Farm (Kent) and Ballygarvey Solar Farm (Co. Antrim).





# Fosse Green

Energy

Fosse Green Energy is being developed by Windel Energy, Canadian Solar and a professional project team which has been created to provide specific support and expertise throughout the consenting stages of the project.

Together, all members of the Fosse Green Energy team have significant experience of working across solar projects and Nationally Significant Infrastructure Projects (NSIPs).