

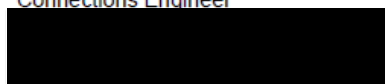
## **Appendix R Grid**

## **Letter to the Applicant from National**



National Grid House  
Warwick Technology Park  
Gallows Hill, Warwick  
CV34 6DA

Lokendra Thakor  
Connections Engineer



11 July 2022

Dear Sir/Madam

**Ref: SUNNICA ENERGY FARM**

Following the Connection Offer between National Grid Electricity System Operator (NGESO) and Sunnica, National Grid Electricity Transmission (NGET) reviewed the technical feasibility of connecting Sunnica to the Burwell Substation through the 'Option 1' location. NGET was not able to confirm the position prior to the submission of the DCO application. This is confirmed in the Grid Connection Statement, which accompanied the DCO, at clause 6.1.3.

As part of the feasibility process, NGET reviewed the submitted DCO documents, including the proposed plans for the Option 1 connection. In undertaking this review and in the context of NGET's statutory obligations, NGET concluded that unfortunately a connection at Option 1 would not be technically feasible.

The reasons for this were:

- that the land requested by Sunnica for their substation to be provided pursuant to the DCO was larger than originally discussed between NGET and Sunnica; and
- In addition, NGET must meet requirements to provide other connections at the Burwell Main Substation site. To facilitate this, as Sunnica is aware, NGET is undertaking an extension of the substation. the land required for this will mean that the Option 1 connection is not possible.

The correct reference for option 1 is Land Plots 20-16, 20-17, 20-18, 20-19, 20-20 as shown on the Land and Crown Plans [rev1] (AS003).

This does not affect Sunnica's connection agreement with NGET at the Burwell 400kV substation and bays remain allocated for the connection.

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As a reminder of the relationship and responsibilities between NGET and NGESO, please see below:

1. NGET is one of three Transmission Owners in Great Britain. NGET owns the high voltage (mainly 400kV & 275kV with some 132kV) National Electricity Transmission System ("NETS") in England and Wales. NGET is required to comply with National Electricity Transmission System Security and Quality of Supply Standards ("NETS SQSS") which establish a coordinated set of criteria and methodology for planning and operating the NETS.

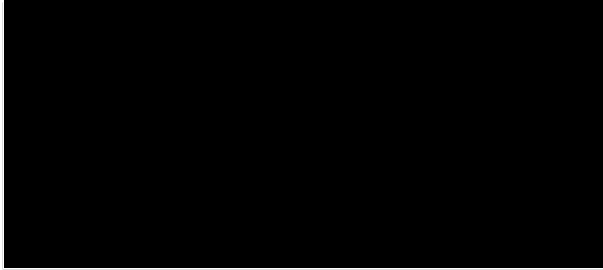
National Grid is a trading name for:  
National Grid Electricity Transmission plc  
Registered Office: 1-3 Strand, London WC2N 5EH  
Registered in England and Wales, No 2306977

**nationalgrid**

National Grid House  
Warwick Technology Park  
Gallows Hill, Warwick  
CV34 6DA

2. NGET's obligations include building and maintaining the NETS safely, reliably, economically and efficiently; providing transmission services i.e. making its system available to National Grid Electricity System Operator Ltd ("NGESO") to operate; and providing connection offers to NGESO in response to a user (generator, customer etc) wishing to connect to the NETS.
3. These obligations are imposed on NGET by its Electricity Transmission Licence, the energy regulator OFGEM, the Electricity Act 1989 ("Act") and the System Operator Transmission Code ("STC"). Rules regarding the quality of supply are contained in the Grid Code and the System Operator Transmission Owner (SO-TO) Codes.
4. NGESO is a System Operator. Its role is to co-ordinate and direct the flow of electricity onto and over the NETS in an economic and co-ordinated manner. NGESO must maintain system balance minute by minute, and address supply and demand mismatch, generation shortfall and/or high demand and insufficient generation margins to maintain supply.
5. Additionally, NGESO manages the connection application and offer process in Great Britain between the party wishing to connect to the NETS (generator, demand etc) and NGET. These obligations are imposed on NGESO by way of its Transmission Licence, OFGEM, the Act and several electricity transmission codes (which are for practical purposes multilateral contracts).
6. Following the connection application from NGESO for a customer to connect to NGET's transmission system, NGET is obliged under its transmission licence and the STC to make an offer to NGESO (a Transmission Owner Construction Offer ("TOCO")) detailing the terms (essentially work, cost and programme) for the connection of the customer.
7. There are very limited exceptions to NGET's obligation to make a connection offer and NGET must also take into account future demand and building and maintaining the NETS safely, reliably, economically and efficiently.

Yours faithfully



**Lokendra Thakor**  
**Connections Engineer**

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