

Application by Fosse Green Energy Limited for an order granting development consent for the Fosse Green Energy Project

Issue Specific Hearing 1 (environmental matters)

Date: 6 and 7 January 2026

Venue: County Assembly Rooms, 76 Bailgate, Lincoln LN1 3AR and MS Teams

Action points

No	Party	Action	Deadline (D)
SCALE AND NEED			
1	Applicant	Submit a note explaining what the National Energy System Operator (NESO) has been doing to manage the grid connection process regarding generating stations and battery energy storage systems (BESS) and what implications NESO's recent decisions about the availability of future connections have for the proposed development.	D1
	Applicant	<p>Submit a technical note that includes the following matters:</p> <ul style="list-style-type: none"> a) With respect to the landtake for the proposed solar arrays, identify the land area (in hectares and acres) and number of solar panels required for panels rated at 500 watts, 670 watts (candidate design) and higher rated panels in the range of 700-800 watts. b) Clarification about the estimated maximum power output (dc) for the proposed development with the installation of fixed south-facing and single axis tracker panels having regard to the numbers referred to in Table 3-1 in [APP-028]; and those in paragraphs 7.3.4 and 7.3.5 in [APP-184]; and paragraph 6.4.31 [APP-031]. c) Clarification about the overplanting ratio for the proposed development for fixed south-facing and single axis tracker panels. 	D1

No	Party	Action	Deadline (D)
		<p>d) Clarification about the area of land proposed for occupation by solar arrays (by fixed south-facing and single axis tracker panels) and whether the figures quoted would relate to the whole of field, or just those parts of fields covered by the proposed solar arrays.</p> <p>e) With respect to the efficiency of solar panels, clarify what the level: has been historically; is currently; and what it might be going forward for different types of panel technologies.</p> <p>f) What contribution the proposed development would make to the predicted energy demand in the United Kingdom when it became fully operational in 2032/2033 and for 2050.</p> <p>g) Clarify the figures quoted in the Environmental Statement for the lifetime generating outputs of the proposed solar arrays and BESS (respectively 7,985GWh for the BESS and 19,500,000 MWh hours in paragraphs and 6.4.76 and 6.4.67 in [APP-031] so that they are stated in the same units. Address whether it can be assumed that the BESS would only store and discharge electricity generated by the proposed development, as set out in the Environmental Statement, and the output from the BESS would be significantly less than from the solar arrays.</p> <p>h) Provide estimates for:</p> <ol style="list-style-type: none"> 1) how many days each year the output from the proposed solar arrays would exceed the capacity of the grid connection; and 2) what proportion of electricity generated by the solar arrays would be “clipped” (i.e. exceed that which can be transmitted via the grid connection). 	
CULTURAL HERITAGE			
3	Applicant	<p>Submit a note identifying:</p> <p>a) where for the proposed development there</p>	D1

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		<p>have been active design responses to address setting issues or buried archaeology; and</p> <p>b) other schemes where post-consent micro-siting has allowed for preservation in situ of discovered archaeological remains.</p>	
ALTERNATIVES			
4	Applicant, North Kesteven District Council (NKDC) and Lincolnshire County Council (LCC)	<p>a) Applicant - provide details of the local authority previously developed land (PDL)/brownfield registers researched as part of the site selection exercise for the proposed development.</p> <p>b) The statements of common ground that NKDC and LCC will be entering into with the applicant to include sections on the availability of PDL/brownfield land</p>	<p>D1</p> <p>D3A</p>
5	Applicant	Provide clarification of the land area that would be occupied by the proposed development following its construction compared with the proposed gross Order Limits of 1,368 hectares. See question LR.1.05 included in ExQ1 [PD-011], as supplemented by the re-asking of that question in [PD-012].	D1
TRAFFIC AND TRANSPORT			
6	NKDC	Submit a plan showing the “Stepping Out” network of routes and provide an explanation of where the policy support for the Stepping Out network is provided and why routes within this network gain protection over and above other footpaths.	D1
BIODIVERSITY AND ECOLOGY			
7	Applicant, NKDC and LCC	A meeting or meetings to be held as soon as possible to discuss any concerns the councils have with the applicant’s biodiversity net gain proposals (BNG).	By not later than D1 ExA to be advised when a meeting has been arranged
8	Applicant	Submit a technical note explaining the applicant’s	D1

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		<p>BNG proposals, in the context of there being multiple functions for land within the proposed development, including the rotation of arable and grassland across the site.</p> <p>This technical note to also explain/advise on:</p> <ul style="list-style-type: none"> a) whether there would be any land within the Order Limits specifically for the purposes of BNG provision b) the minimum amount of land that would be required to achieve 10% BNG provision. c) whether the proposed BNG provision would be exclusively for the proposed development or be available to trade with other developers seeking BNG credits when they would be unable to meet their BNG obligations within their own sites (a matter raised by the ExA during the course of compulsory acquisition hearing 1) 	