

NATIONAL GRID ELECTRICITY TRANSMISSION PLC
RESPONSE TO FIRST EXA WRITTEN QUESTIONS
DEADLINE 2: 1 JULY 2025

Question reference	Question to	Question	Response
1.3.5	Applicant National Grid Electricity Transmission	<p>Battery Energy Storage System (BESS) In paragraph 6.4.3 of ES Chapter 6, it states that: <i>"the Project does not incorporate any battery storage. Energy generated by the Project will be stored, as required, by Battery Energy Storage Systems (BESS) that are connected to the Grid elsewhere, including the EDF 50MW BESS located at Cowley substation."</i></p> <p>Questions are as follows –</p> <ol style="list-style-type: none"> 1) How much influence in the optioneering process did the availability of battery storage play in the site selection process? 2) Is there equivalent, or better, battery storage at any of the other 18 existing national grid substations reviewed in the ES? 3) The nearest BESS is located at the nearest National Grid substation. As a new substation would be provided in 	<p>Points 1-3 and point 6 are for the Applicant to respond to and NGET has nothing to add on these points.</p> <p>In respect of point 4, NGET agrees that details of the equipment and apparatus which would constitute the new substation should be included within the DCO by the Applicant. NGET notes that the Applicant has provided NGET with some wording to be inputted into Schedule 1 (set out below) and NGET can confirm it is happy with this description.</p> <p>Proposed description of the “New National Grid Substation” -“a compound containing electrical equipment (including power transformers, gantries, switchgear, reactive compensation equipment, electrical protection equipment devices (disconnectors,</p>

		<p>conjunction with the Project, would new BESS, either within or just outside the Order limits be expected?</p> <p>4) What equipment/ apparatus would constitute a new National Grid substation, and should this list be written into the dDCO?</p> <p>5) Would National Grid be responsible for developing any battery storage required to meet the potential demand arising from this Project?</p> <p>If BESS is provided elsewhere 'including' the Cowley substation, what other destinations are anticipated to be used for electricity storage?</p>	<p>circuit breakers), harmonic filters, cables and back-up generators), control buildings, lightning protection masts, communications masts, access, fencing and other associated equipment, structures or buildings”.</p> <p>In respect of point 5, NGET would not be responsible for the development of any BESS required to meet the demand arising from the Project. NGET would only be involved in connecting any required new BESS to the system.</p>
1.3.6	<p>Applicant</p> <p>National Grid Electricity Transmission Plc</p>	<p>National Grid substation</p> <p>If the new National Grid substation is being provided outside the Order limits, the Applicant has no control over the timing of submission of a planning application nor any control over the construction of the substation.</p> <p>1) What assurances can the ExA have that the National Grid substation would actually be constructed in time for the connection agreement in October 2028 to be honoured?</p> <p>It is understood National Grid are seeking to submit an application in 2026. Please provide a more detailed timetable from submission through to construction and to completion.</p>	<p>1 – NGET has a connection agreement with the Applicant which will be mean that NGET will work towards the timescales as agreed with the Applicant under this process as is the case will all new connection requests in accordance with NGET’s statutory duties. The agreement and consequent dates can be varied and is subject to a number of different factors.</p> <p>2-At this stage NGET are unable to provide a detailed programme but can share the following current high level programme.</p>

			<p>Early 2024 Potential site selection</p> <p>Autumn 2024 onwards Site surveys</p> <p>Early 2026 Public consultation (28 days)</p> <p>Late 2026 Planning submission</p> <p>Summer 2027 Construction starts</p> <p>Late 2029 Construction completed</p> <p>As explained above, this programme is subject to change and will be influenced by a number of factors.</p>
1.3.14	<p>Applicant</p> <p>National Grid Electricity Transmissions</p>	<p>Farmoor Reservoir</p> <p>Provide, within as reasonable an estimate as possible, dimensions of the distances between the proposed new substations and the embankment for Farmoor Reservoir.</p>	<p>The land boundary of the proposed substation is approximately 105m from the Farmoor embankment. The proposed GIS building will be approximately 190m from the embankment.</p>
1.7.24	<p>Applicant</p> <p>National Grid Electricity Transmission</p>	<p>Full work details required</p> <p>Work No.2 in the dDCO simply states "development of a New National Grid substation" without any breakdown of the apparatus or equipment that comprises this work. Set this out fully within the Order.</p>	<p>As set out above, NGET agrees that details of the equipment and apparatus which would constitute the new substation should be included within the DCO by the Applicant. NGET notes that the Applicant has provided NGET with some wording to be inputted into Schedule 1 (set out below) and NGET can confirm it is happy with this description.</p>