



Delegated Report

Adjacent Authority Consultation

Planning Application No: 20250165

Location: Tilbury Power Station Fort Road Tilbury Essex

Description: Adjacent Authority Application for a Development Consent Order for Norwich to Tilbury. It is proposed by National Grid to upgrade the electricity transmission system in East Anglia between Norwich and Tilbury. The Project includes a new 400 kilovolt (kv) electricity transmission connection of approximately 184 kilometres (km) in overall length from Norwich Main Substation and Tilbury Substation via Bramford Substation.

Applicant: National Grid

Site Visit Date: Desktop Assessment

Submitted Documents/Plans

Consultation Letter

Relevant Planning History

Reference	Description	Decision	Decision Date
20240538	Adjacent Authority Application for a Development Consent Order for Norwich to Tilbury. It is proposed by National Grid to upgrade the electricity transmission system in East Anglia between Norwich and Tilbury. The Project includes a new 400 kilovolt (kv) electricity transmission connection of approximately 184 kilometres (km) in overall length from Norwich Main Substation and Tilbury Substation via Bramford Substation.	Observations Sent	28/06/24

Officer's Analysis

This is a further consultation which follows on from responses sent to National Grid as per Gravesham Borough Council planning reference 20240538. The details within that submission explained that National Grid intends to apply to the Secretary of State for a Development Consent Order ("DCO") under Section 37 of the Planning Act 2009 (as amended) to authorise the construction of the Norwich to Tilbury project.

The Norwich to Tilbury project, a proposal by National Grid to reinforce the high voltage power network in East Anglia between the existing substations at Norwich Main in Norfolk, Bramford in Suffolk and Tilbury in Essex, as well as connect new offshore wind generation.

East Anglia's 400m000 volts (400 kVC) electricity transmission network was built in the 1960s to supply regional demand, centred around Norwich and Ipswich. With the growth in new energy generation from offshore wind, nuclear power and interconnection with other countries, there will be more electricity connected in East Anglia that the network can currently accommodate.

There will be 184km of new electricity transmission reinforcement between Norwich and Tilbury, made up mostly of overhead line and pylons, some underground cables and a new 400kV substation.

The proposals are part of The Great Grid Upgrade which is the largest overhaul of the grid in generations.

The consultation letter identifies that there are a number of potential localised changes being considered and so feedback on these changes are requested.

Whilst no works are proposed in Gravesham with this application, Tilbury lies to the North of Gravesham and so there would be potential impacts. It was explained in the previous consultation that there would be realignment of the overhead power line, underground cabling and a new Cable Sealing End ((CSE) compound at Tilbury.

The Changes proposed in Thurrock are as follows:

- Reposition of the temporary construction compound in Dunton with related changes to the construction compound.
- Reposition of the alignment of the overhead line near Langdon Hills Golf Club, involving relocation of pylons and lower height lattice pylons to reduce impacts on Thurrock Airfield.

It was considered in the previous response that the proposed works in the Thurrock Borough for the Norwich to Tilbury Project upgrade works to the electricity transmission system in East Anglia between Norwich and Tilbury would have no impact on the operation or appearance of Gravesham Borough or the amenities of its residents.

The changes proposed in Dunton are significantly distanced from Gravesham. The Langdon Hills Golf Country Club and Hotel are over 11,000m from the northern border of Gravesham Borough. Given the significant distance and nature of the changes, it is considered that the previous assessment that there would be no impact on Gravesham Borough is unchanged.

It is important to note that Gravesham Borough Council have a planning application which is recently permitted (application reference 20231313) at Eastcourt Marshes Electricity Distribution Site, Mark Lane, Gravesend, Kent, DA12 2HN for which the National Grid is the applicant. The proposal is for *'Proposed construction of a new cable tunnel beneath the River Thames between Gravesend and Tilbury to provide additional transmission capacity. Above-ground infrastructure in the form of a new Cable Sealing End compound and a new head house building along with associated electricity infrastructure, access, parking, boundary treatment and two overhead gantry structures for future overhead lines. Temporary compound for the duration of the project to provide parking, staff welfare facilities, delivery vehicle parking, and equipment and machinery storage, including boundary treatment and lighting.'*

Thurrock Council also have a planning application which they have permitted (application reference 23/01502/FUL) at Land to The South Of National Grid's Electrical Sub-station, Fort Road, Tilbury for the new bored tunnel under the River Thames, new Cable Sealing End compound, new Tunnel Head House and other associated development at Tilbury for the same TKRE Cable Tunnel Replacement Project.

National Grid is thanked for consulting the Borough Council.

Recommendation

Observations Sent (No Objection).

(See draft Decision)

Case Officer:	Mrs Lisa Fisher	Team Leader:	Richard Hart
Signed:		Signed:	<i>R Hart</i>
Dated:	5th March 2025	Dated:	6th March 2025