

Indaver Rivenhall IWMF DCO

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure)

Regulations 2009

**OTHER DOCUMENTS [PINS Ref:
EN0101038]**

GRID CONNECTION STATEMENT

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APFP Regulation 5(2)(p)

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Indaver Rivenhall Ltd

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1 Introduction

- 1.1 This **Grid Connection Statement (Doc Ref 7.5)** ('Statement') has been prepared by Fichtner Consulting Engineers (Fichtner) on behalf of Indaver Rivenhall Limited ('Indaver') ('the Applicant') in relation to the application for development consent for the extension of the electrical generating capacity of the Energy from Waste ('EfW') facility which forms part of the consented Rivenhall Integrated Waste Management Facility ('IWMF') ('the Proposed Development').
- 1.2 The Rivenhall IWMF has consent for the generation of electricity and is currently under construction in accordance with the planning permission issued by ECC (ECC Ref: ESS/34/15/BTE, dated 26/02/2016) pursuant to the Town and Country Planning Act 1990 (as amended; 'the TCPA 1990'). This is a variation of an earlier planning permission (ECC Ref: ESS/37/08/BTE) and is referred to as 'the Consented Scheme'.
- 1.3 As the generating capacity of the EfW within the Proposed Development would exceed 50MW, it is considered a Nationally Significant Infrastructure Project ('NSIP') under Sections 14(1)(a) and 15(1)(2)(a) to (c) of the Planning Act 2008. Therefore, development consent in the form of a DCO is required under Section 31 of the Planning Act 2008.

Purpose and Structure of this Statement

- 1.4 This Statement is part of a suite of documents which is required to accompany the application for development consent pursuant to Section 55 of the Planning Act 2008 and Regulations 5 and 6 of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (the 'APFP Regs').
- 1.5 Regulation 6(1)(a)(i) of the APFP Regs requires applications for the extension of generating stations to be accompanied by a statement of who will be responsible for designing and building the connection to the electricity grid. This Statement provides those details and is structured as follows:
 - Section 2: Grid Connection Agreements;
 - Section 3: Elements of Grid Connection;
 - Section 4: Responsibilities for Designing and Building the Grid Connection;
 - Section 5: Acquisition of Land Rights;
 - Section 6: Consent for the Grid Connection;
 - Section 7: Conclusion.

2 Grid Connection Agreements

Grid Connection Agreements

- 2.1 The Applicant has a grid connection offer (dated 12th January 2022) from UK Power Networks to connect the Proposed Development to the electricity grid at the existing Braintree substation on the south-eastern edge of Braintree, owned and operated by UK Power Networks. This grid connection offer was accepted by Indaver on 8th April 2022. This grid connection agreement will allow the Applicant to energise the connection between Rivenhall IWMF and the distribution network.
- 2.2 The connection will run along the access road from the IWMF Site as far as Ash Lane and then the route follows various minor roads to the Braintree substation. Permitted development rights under Class B(a) (Development by an Electricity Undertaking) under Part 15 of the Town and Country Planning (General Permitted Development) (England) Order 2015 permit statutory undertakers, such as UKPN, to lay connections underground in public highway or other open ground.
- 2.3 The connection does not form part of the Consented Scheme but was assessed as a cumulative development to it. Please refer to Section 6 of the **Planning Statement (Doc Ref 7.1)** for further information.
- 2.4 The Proposed Development does not require any new or additional connections and will tie into the grid connection that will serve the Consented Scheme.

3 Elements of Grid Connection

- 3.1 The electricity generated by the Proposed Development will be exported to the distribution network via a 132 kilovolt (kV) underground cable route that will provide a connection from the edge of the Rivenhall IWMF site to the Braintree substation.
- 3.2 This grid connection is being designed and built by UKPN under an existing grid connection agreement associated with the Consented Scheme.
- 3.3 The Proposed Development does not involve or require any changes to the grid connection compared to the Consented Scheme.
- 3.4 Accordingly, the construction, operation and decommissioning of the grid connection cable route has not been assessed as part of the Environmental Impact Assessment (EIA) for the Proposed Development.

4 Responsibilities for Designing and Building the Grid Connection

Responsibilities of the Applicant

- 4.1 The Proposed Development will utilise the grid connection in the same way as the Consented Scheme. The responsibilities for designing and building the grid connection fall to UK Power Networks and not the Applicant of the application for development consent.

Responsibilities of the electricity operator

- 4.2 UK Power Networks will be responsible for completing any network upgrades required to facilitate the grid connection offer. However, no such upgrades are anticipated to be required as a result of the Proposed Development.

5 Acquisition of Land Rights

- 5.1 There is no acquisition of land or rights required or proposed in connection with the Proposed Development. The Proposed Development will use the rights that the Consented Scheme already has in place.

6 Consent for the Grid Connection

- 6.1 As the grid connection associated with the Proposed Development will be utilising the connection for the Consented Scheme and no changes are required or proposed to that connection, the grid connection does not form part of the Proposed Development for which development consent is sought.

7 Conclusion

- 7.1 This Statement sets out the details for the responsibility for designing and building the connection to the electricity grid, pursuant to Regulation 6(1)(a)(i) of the APFP Regs.
- 7.2 This Statement confirms the following:
- The Applicant will be utilising the grid connection agreement made with UK Power Networks that will serve the Consented Scheme, which provides for a connection to the Braintree substation.
 - UK Power Networks will be responsible for the designing and building of the grid connection.
 - The Applicant of this application for development consent does not need to acquire any rights or land for the purposes of the grid connection.
 - The grid connection therefore does not form part of the Proposed Development to which this application for development consent relates.

