

SLOUGH MULTIFUEL EXTENSION PROJECT

[PINS Ref: EN010129]

Reports and Statements

Grid Connection Statement

Application Document Reference: [5.5]

APFP Regulations 5(2)(p)

Revision Number: 1.0

Planning Act 2008
Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

CONTENTS

1.0 INTRODUCTION	1-1
2.0 GRID CONNECTION AGREEMENT	2-2
3.0 ELEMENTS OF GRID CONNECTION	3-2
4.0 RESPONSIBILITIES FOR DESIGNING AND BUILDING THE GRID CONNECTION.....	4-2
5.0 ACQUISITION OF LAND RIGHTS	5-3
6.0 CONSENT FOR THE GRID CONNECTION.....	6-3
7.0 CONCLUSION.....	7-3

Executive Summary

This Grid Connection Statement has been prepared by AECOM on behalf of SSE Slough Multifuel Limited ('the Applicant') in respect of an application for a Development Consent Order (DCO) for the construction of the Slough Multifuel Extension Project (hereafter referred to as the 'Proposed Project'). The Proposed Project comprises works to increase the efficiency and output of a generating station with capacity up to 50 megawatts (MW) (the "Consented Development") which was originally consented in June 2017 under the Town and Country Planning Act 1990 ('TCPA') regime (Planning Ref. P/00987/051 (being a section 73 variation of P/00987/024 and P/00987/035) and P/00987/025, P/00987/052, and P/19876/000), to achieve up to 60MW peak electrical output (MWe).

The Proposed Project is defined under the Planning Act 2008 as a Nationally Significant Infrastructure Project (NSIP) as it comprises an onshore generating station in England which (when extended) would have a capacity exceeding 50MW. It therefore requires a DCO from the Secretary of State for Business, Energy and Industrial Strategy (the Secretary of State). This Grid Connection Statement has been prepared on behalf of the Applicant to support the DCO application and should be read in conjunction with the other documents submitted with the Application.

This Grid Connection Statement is submitted pursuant to Regulations 5(p) and 6(1)(a)(i) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (APFP Regulations), which require the Applicant to state who will be responsible for designing and building the connection to the electricity grid from the Proposed Project.

This Statement provides confirmation to the Secretary of State that the Proposed Project will not require any new or additional connections to the Slough South substation over and above those required for the Consented Development. The Slough South substation is located within the wider Slough Heat and Power site. The Proposed Project will not require any new grid connections and therefore grid connections do not form part of the Proposed Project for which development consent is being sought.

1.0 INTRODUCTION

1.1 Introduction

- 1.1.1 This Grid Connection Statement (the Statement) [**Application Document Reference 5.5**] has been prepared by AECOM on behalf of SSE Slough Multifuel Limited ('the Applicant') as part of an application for a Development Consent Order (DCO) for the construction of the Slough Multifuel Extension Project (hereafter referred to as the 'Proposed Project'). The Proposed Project comprises works to increase the efficiency and output of a generating station with capacity up to 50 megawatts (MWe) (the "Consented Development") which was originally consented in June 2017 under the Town and Country Planning Act 1990 ('TCPA') regime (Planning Ref. P/00987/024 and P/00987/025), to achieve up to 60MWe peak electrical output (MWe). The application for the DCO ('the Application') is submitted to the Planning Inspectorate, with the decision whether to grant a DCO being made by the Secretary of State for Business, Energy and Industrial Strategy (the Secretary of State) pursuant to the Planning Act 2008 (PA 2008).
- 1.1.2 The Proposed Project is defined under the Planning Act 2008 as a Nationally Significant Infrastructure Project (NSIP) as it comprises a generating station in England with a capacity exceeding 50 MWe. It therefore requires a DCO from the Secretary of State. This document has been prepared on behalf of the Applicant to support the DCO application and should be read in conjunction with the other documents submitted with the Application. The Applicant is a 50:50 joint venture between SSE Thermal and Copenhagen Infrastructure Partner (CIP). A detailed description of the Proposed Project is included in **Chapter 2, The Proposed Project [Application Document Reference 6.2.2 – ES Chapter 2]** of the Environmental Statement (ES).

1.2 Purpose and Structure of this Statement

- 1.2.1 This Statement is part of a suite of documents which must accompany the Application pursuant to Section 55 of the Planning Act 2008 and Regulations 5(p) and 6 of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (APFP Regulations)).
- 1.2.2 This Statement has been prepared in accordance with Regulation 6(1)(a)(i) of the APFP Regulations, which requires an applicant for a DCO in respect of an onshore generating station to provide a statement of who will be responsible for designing and building the connection to the electricity grid.
- 1.2.3 The electricity generated by the Consented Development will be exported via a below ground connection to Slough South substation, which is located within the wider Slough Heat and Power (SHP) site, consented under permitted development rights on the SHP site. The Proposed Project would not amend the consented Slough Multifuel Facility electricity export connection.

1.3 Work Numbers

- 1.3.1 'Work Nos' are referred to throughout this Grid Connection Statement. These refer to Schedule 1 of the Draft DCO [**Application Document Reference 2.1 – Draft**]

DCO]. The **Draft DCO [Application Document Reference 2.1 - Draft DCO].** should be referred to for the precise terminology and full details of the Work number. There is one work number for the Proposed Project.

- 1.3.2 The location of the Work number is defined by the Works Plan **[Application Document Reference 4.3 – Work Plans].**

2.0 GRID CONNECTION AGREEMENT

- 2.1.1 The Applicant has a grid connection from Southern Electric Power Distribution (SEPD) to connect the Consented Development to the local distribution network. SEPD are the Distribution Network Operator (DNO), and as such are able to make connection offers. SEPD operate as a DNO, and as such are responsible for owning and operating the Slough South substation.
- 2.1.2 As the Proposed Project will form an extension of the Consented Development, it will not require any new or additional grid connections and will tie into the grid connection being constructed for the Consented Development.
- 2.1.3 The grid connection offer to the Applicant was originally received on 13 August 2020. Engagement with SEPD predated the offer and has continued to date and at the time of DCO application submission, the works associated with the connection had commenced.
- 2.1.4 As such the Applicant confirms that the additional output from the Proposed Project will be exported to the local distribution network via the Slough South substation, owned and operated by SEPD.

3.0 ELEMENTS OF GRID CONNECTION

- 3.1.1 The electricity generated by the Proposed Project will be exported to the local distribution network via an existing below ground grid connection cable located within the existing SHP site relating to the Consented Development. This will connect the Proposed Project and Consented Development with the Slough South substation.
- 3.1.2 The construction, operation and decommissioning of the Grid Connection have not been assessed as part of the Environmental Impact Assessment (EIA).

4.0 RESPONSIBILITIES FOR DESIGNING AND BUILDING THE GRID CONNECTION

4.1 Responsibilities of the Applicant

- 4.1.1 The Applicant and it's appointed contractors will be responsible for designing and building the various elements of the grid connection.

4.2 Responsibilities of Southern Electric Power Distribution

- 4.2.1 Southern Electric Power Distribution (SEPD) will be responsible for completing the necessary network upgrades to provide the capacity required to satisfy our connection offer.

5.0 ACQUISITION OF LAND RIGHTS

- 5.1.1 There is no acquisition of land/rights in connection with the Proposed Project as it will use the rights that the Consented Development already has in place.

6.0 CONSENT FOR THE GRID CONNECTION

- 6.1.1 As the Grid Connection associated with the Proposed Project will be utilising an existing connection associated with the Consented Development, this does not form part of the Proposed Project for which development consent is being sought via the DCO Application.

7.0 CONCLUSION

- 7.1.1 SSE Slough Multifuel Limited is required to submit a statement pursuant to Regulation 6(1)(a)(i) of the APFP Regulations, stating who will be responsible for designing and building the connection to the electricity grid.

- 7.1.2 It is considered that this Grid Connection Statement provides confirmation to the Secretary of State of the requirement above, namely:

- The Applicant will be utilising an existing grid connection provided by SEPD relating to the Consented Development.
- a connection to the Slough South Substation will be provided, within the SHP Site;
- The Applicant will not be responsible for any design and/ or associated building works;
- The Applicant has no requirement to procure any land or rights for this Proposed Project to accommodate the Grid Connection; and
- As stipulated the Grid Connection does not form part of the Proposed Project for which development consent is being sought.