

# Medworth Energy from Waste Combined Heat and Power Facility

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## Guide to the Application

Regulation reference: The  
Infrastructure Planning (Applications:  
Prescribed Forms and Procedure)  
Regulations 2009 Regulation 5(2)(q)

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# Contents

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<b>1.</b>	<b>Introduction</b>	<b>2</b>
1.1	Background	2
1.2	The Applicant and the project team	2
1.3	The Proposed Development	4
1.4	Purpose of the Document	5
1.5	Structure of the Document	6
<b>2.</b>	<b>The DCO Consenting Process</b>	<b>7</b>
2.1	Nationally Significant Infrastructure Projects, The Planning Act 2008 and the DCO Process	7
2.2	Compliance with Legislative Requirements	7
<b>3.</b>	<b>DCO Application Documents</b>	<b>9</b>
3.1	Introduction	9
3.2	Application Form and associated documents	9
3.3	Plans	9
3.4	Draft DCO and Explanatory Memorandum	10
3.5	Compulsory Acquisition Information	11
3.6	Reports/Statements	12
3.7	Environmental Statement	13
	Non-Technical Summary	13
	Environmental Statement	13
	Figures	14
	Technical Appendices	20
3.8	Other Documents	23
3.9	Changes to DCO Application Documents	25
<b>4.</b>	<b>The DCO Process</b>	<b>26</b>
4.1	Introduction	26
4.2	Acceptance	26
4.3	Pre-examination	26
4.4	Examination	27
4.5	Decision	27
4.6	Post Decision	27



# 1. Introduction

## 1.1 Background

1.1.1 Medworth CHP Limited (the Applicant) is applying to the Secretary of State (SoS) for a Development Consent Order (DCO) to construct, operate and maintain an Energy from Waste (EfW) Combined Heat and Power (CHP) Facility on the industrial estate, Algores Way, Wisbech, Cambridgeshire. Together with associated Grid Connection, CHP Connection, Access Improvements, Water Connections, and Temporary Construction Compound (TCC), these works are the Proposed Development.

1.1.2 The Proposed Development would recover useful energy in the form of electricity and steam from over half a million tonnes of non-recyclable (residual), non-hazardous municipal, commercial and industrial waste each year. The Proposed Development has a generating capacity of over 50 megawatts and the electricity would be exported to the grid. The Proposed Development would also have the capability to export steam and electricity to users on the surrounding industrial estate. Further information is provided in **Chapter 3: Description of the Proposed Development (Volume 6.2)**.

1.1.3 The Proposed Development is a Nationally Significant Infrastructure Project (NSIP) under Part 3 Section 14 of the Planning Act 2008 (2008 Act) by virtue of the fact that the generating station is located in England and has a generating capacity of over 50 megawatts (section 15(2) of the 2008 Act). It, therefore, requires an application for a DCO to be submitted to the Planning Inspectorate (PINS) under the 2008 Act. PINS will examine the application for the Proposed Development and make a recommendation to the SoS for Business, Energy and Industrial Strategy (BEIS) to grant or refuse consent. On receipt of the report and recommendation from PINS, the SoS will then make the final decision on whether to grant the Medworth EfW CHP Facility DCO.

## 1.2 The Applicant and the project team

1.2.1 The Applicant is a wholly owned subsidiary of MVV Environment Limited (MVV). MVV is part of the MVV Energie AG group of companies. MVV Energie AG is one of Germany's leading energy companies, employing approx. 6,500 people with assets of around €5 billion and annual sales of around €4.1 billion. The Proposed Development represents an investment of approximately £450m.

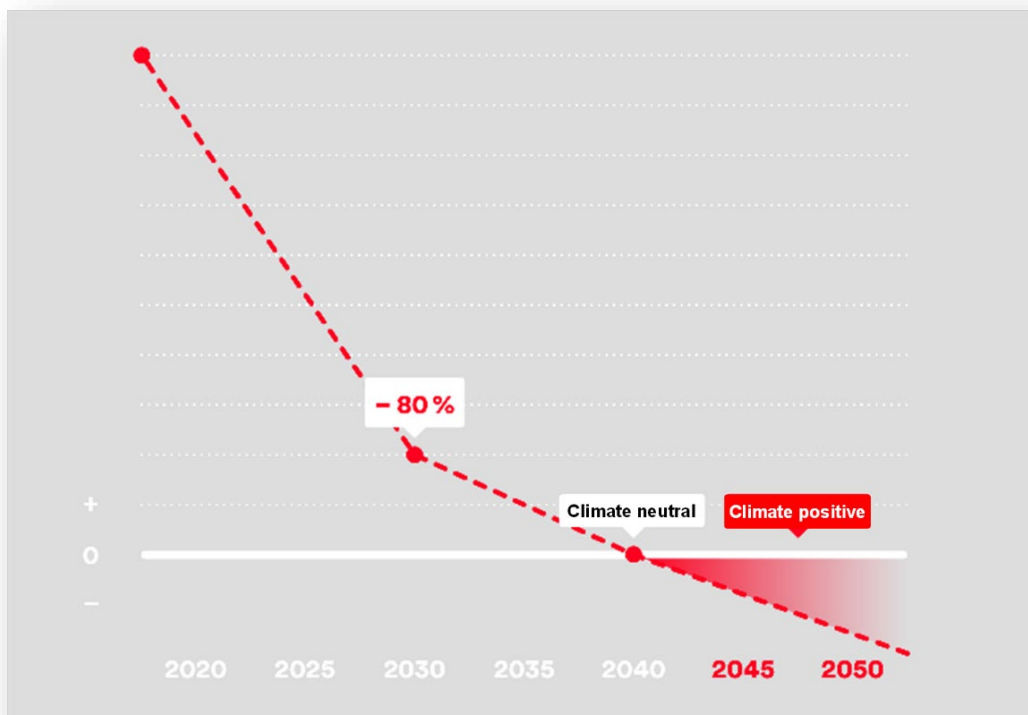
1.2.2 The company has over 50-years' experience in constructing, operating, and maintaining EfW CHP facilities in Germany and the UK. MVV Energie's portfolio includes a 700,000 tonnes per annum residual EfW CHP facility in Mannheim, Germany.

1.2.3 MVV Energie has a growth strategy to be carbon neutral by 2040 and thereafter carbon negative, i.e., climate positive. Specifically, MVV Energie intends to:



- reduce its direct carbon dioxide (CO<sub>2</sub>) emissions by over 80% by 2030 compared to 2018;
- reduce its indirect CO<sub>2</sub> emissions by 82% compared to 2018;
- be climate neutral by 2040; and
- be climate positive from 2040.

**Graphic 1.1: MVV Energie climate growth strategy targets**



- 1.2.4 MVV's UK business retains the overall group ethos of 'belonging' to the communities it serves whilst benefitting from over 50 years' experience gained by its German sister companies (see **Table 1.1 MVV Environment UK Group of Companies**).
- 1.2.5 MVV's largest project in the UK is the Devonport EfW CHP Facility in Plymouth. Since 2015, this modern and efficient facility has been using around 265,000 tonnes of municipal, commercial and industrial residual waste per year to generate electricity and heat, notably for Her Majesty's Naval Base Devonport in Plymouth, and exporting electricity to the grid.
- 1.2.6 In Dundee, MVV has taken over the existing Baldovie EfW Facility and has developed a new, modern facility alongside the existing facility. Operating from 2021, it uses up to 220,000 tonnes of municipal, commercial and industrial waste each year as fuel for the generation of usable energy.
- 1.2.7 Biomass is another key focus of MVV's activities in the UK market. The biomass power plant at Ridham Dock, Kent, uses up to 195,000 tonnes of waste and non-



recyclable wood per year to generate green electricity and is capable of exporting heat.

**Table 1.1 MVV Environment UK Group of Companies**

Company	Detail
<b>Medworth CHP Limited</b>	The wholly owned subsidiary of MVV Environment Limited proposing to submit the application for the DCO (the Applicant).
<b>MVV Environment Limited</b>	The company developing and funding the Proposed Development.
<b>MVV Environment Limited Baldovie</b>	Energy from Waste CHP Facility, diverting up to 220,000 tonnes per annum of residual waste from landfill for Dundee and Angus Councils and for private waste disposal companies.
<b>MVV Environment Limited Devonport</b>	Energy from Waste CHP Facility, diverting 265,000 tonnes per annum of residual waste from landfill for the South West Devon Waste Partnership and for private waste disposal companies.
<b>MVV Environment Limited Ridham</b>	Merchant biomass facility generating energy up to 195,000 tonnes per annum of waste wood.
<b>MVV Environment Limited Services</b>	The UK electricity trading subsidiary of MVV.

1.2.8 The Applicant has engaged the following consultancies to support the preparation of the DCO Application:

- Carter Jonas – land referencing services;
- Pinsent Masons LLP – legal services; and
- Wood Group UK Ltd (Wood) – environmental and planning services.

## 1.3 The Proposed Development

1.3.1 The Proposed Development comprises the following key elements:

- The EfW CHP Facility;
- CHP Connection;
- Temporary Construction Compound (TCC);
- Access Improvements;
- Water Connections; and
- Grid Connection.



1.3.2

A summary description of each Proposed Development element is provided below. A more detailed description is provided in **ES Chapter 3: Description of the Proposed Development (Volume 6.2)** of the ES. A list of terms and abbreviations can be found in **Chapter 1 Introduction, Appendix 1F Terms and Abbreviations (Volume 6.4)**.

- **EfW CHP Facility Site:** A site of approximately 5.3ha located south-west of Wisbech, located within the administrative areas of Fenland District Council and Cambridgeshire County Council. The main buildings of the EfW CHP Facility would be located in the area to the north of the Hundred of Wisbech Internal Drainage Board (HWIDB) drain bisecting the site and would house many development elements including the tipping hall, waste bunkers, boiler house, turbine hall, air cooled condenser, air pollution control building, chimneys and administration building. The gatehouse, weighbridges, 132kV switching compound and laydown maintenance area would be located in the southern section of the EfW CHP Facility Site.
- **CHP Connection:** The EfW CHP Facility would be designed to allow the export of steam and electricity from the facility to surrounding business users via dedicated pipelines and private wire cables located along the disused March to Wisbech railway. The pipeline and cables would be located on a raised, steel structure.
- **TCC:** Located adjacent to the EfW CHP Facility Site, the compound would be used to support the construction of the Proposed Development. The compound would be in place for the duration of construction.
- **Access Improvements:** includes access improvements on New Bridge Lane (road widening and site access) and Algores Way (relocation of site access 20m to the south).
- **Water Connections:** A new water main connecting the EfW CHP Facility into the local network will run underground from the EfW CHP Facility Site along New Bridge Lane before crossing underneath the A47 (open cut trenching or horizontal directional drilling (HDD)) to join an existing Anglian Water main. An additional foul sewer connection is required to an existing pumping station operated by Anglian Water located to the northeast of the Algores Way site entrance and into the EfW CHP Facility Site.
- **Grid Connection:** This comprises a 132kV electrical connection using underground cables. The Grid Connection route begins at the 132kV switching compound in the EfW CHP Facility Site and runs underneath New Bridge Lane, before heading north within the verge of the A47 to the Walsoken Substation on Broadend Road. From this point the cable would be connected underground to the Walsoken DNO Substation.

## 1.4 Purpose of the Document

1.4.1

The purpose of this document is to summarise the suite of documents that comprise the application for a DCO (the 'DCO Application') which the Applicant has submitted to the SoS in respect of the Proposed Development. The DCO Application is made pursuant to section 37 of the 2008 Act.



## 1.5 Structure of the Document

1.5.1 The structure of the document is as follows:

1.5.2 **Section 2** provides an overview of the DCO consent process, including the statutory requirements of the process determined by the 2008 Act and other relevant legislation;

1.5.3 **Section 3** provides an overview of the documents submitted with the DCO Application.

1.5.4 **Section 4** provides a brief summary of the DCO process following the submission of the DCO Application.



## 2. The DCO Consenting Process

### 2.1 Nationally Significant Infrastructure Projects, The Planning Act 2008 and the DCO Process

- 2.1.1 Due to the scale and nature of the Proposed Development, the Medworth EfW CHP Facility is classified as a Nationally Significant Infrastructure Project (NSIP) and therefore requires a DCO under the 2008 Act, as explained in the **Explanatory Memorandum (Volume 3.2)**. Accordingly, the Applicant has prepared the DCO Application in accordance with the requirements of the 2008 Act and the associated regulations and guidance issued by the SoS and advice from PINS.
- 2.1.2 The Applicant has carried out pre-application consultation on the Proposed Development in accordance with Part 5, Chapter 2 of the 2008 Act, including the consultation required under sections 42, 47 and 48 and the notification and other duties under the 2008 Act and applicable regulations. In addition, the Applicant has had regard to and complied with relevant guidance issued by the SoS and advice from PINS in carrying out its pre-application consultation. The DCO Application is accompanied by a **Consultation Report (Volume 5.1)** which explains the pre-application consultation carried out as well as the regard that the Applicant has had to consultation responses in formulating the DCO Application.
- 2.1.3 The DCO Application seeks powers to construct, operate and maintain the Proposed Development as well as powers to compulsorily acquire land, rights and other interests in order to facilitate the construction and operation of the Proposed Development. The **draft Medworth EfW CHP Facility Development Consent Order (dDCO) (Volume 3.1)** contains these powers which are explained in the **Explanatory Memorandum (Volume 3.2)** and the **Statement of Reasons (Volume 4.3)**.
- 2.1.4 DCO Applications are made to the relevant SoS, who will first decide whether to accept the Application. If accepted, the Examining Authority (ExA), appointed by the SoS and made up of inspectors from the PINS, will examine the DCO Application on behalf of the SoS. The ExA will then make a recommendation to the SoS who will decide whether to approve or reject the DCO Application.
- 2.1.5 Further information on the processes that PINS follows after submission of the DCO Application by the Applicant is provided in **Section 4** below. Reference should also be made to the information on PINS website (<http://infrastructure.planningportal.gov.uk/>). See <https://infrastructure.planninginspectorate.gov.uk/projects/eastern/medworth-energy-from-waste-combined-heat-and-power-facility/?ipcsection=overview> for the section of the PINS website dedicated to the Proposed Development.

### 2.2 Compliance with Legislative Requirements

- 2.2.1 **Section 3** below provides a guide to the documents that the Applicant has submitted as part of the DCO Application. In addition to listing the DCO Application documents,





**Section 3** also identifies where documents are submitted in compliance with a relevant legislative or policy requirement.

2.2.2 The legislative requirements for DCO Applications are principally contained in the 2008 Act and the following regulations:

- The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009<sup>1</sup> (as amended) (the ‘APFP Regulations’); and
- The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017<sup>2</sup> (as amended) (the ‘Infrastructure EIA Regulations 2017’).

2.2.3 Regulation 5 in the APFP Regulations sets out the documents that all DCO Applications must include. Regulation 6 sets out the documents that specific types of DCO Applications must include. The Regulation 6 requirements relating to generating stations are relevant to the DCO Application.

2.2.4 Regulation 5 of the APFP Regulations includes a category described as “any other documents considered necessary to support the application” (Regulation 5(2)(q)). Similarly, Regulation 5 also allows the Applicant to submit other plans, drawings and sections which are deemed necessary to describe the proposals for which development consent is sought (Regulation 5(2)(o)). The documents provided by the Applicant and marked as relating to those two paragraphs of the APFP Regulations are therefore not statutorily required but are those which the Applicant considers necessary to support the DCO Application.

2.2.5 The DCO Application submitted for the Proposed Development complies with the requirements of the 2008 Act, the APFP Regulations, and the Infrastructure EIA Regulations 2017. The DCO Application has also been prepared in accordance with applicable SoS guidance and PINS advice, in particular:

- Planning Act 2008: application form guidance (Department for Levelling-Up, Housing and Communities) (2013)<sup>3</sup>; and
- PINS Advice Note 6: Preparation and submission of application documents Version 10)<sup>4</sup>.

2.2.6 As required under Regulation 5(3) of the APFP Regulations, all plans, drawings or sections provided under Regulation 5(2) are no larger than A0 size, are drawn to an identified scale (not smaller than 1:2500) and, in the case of plans, show the direction of north.

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<sup>1</sup> The Infrastructure Planning (Application: Prescribed Forms and Procedure) Regulations 2009 (as amended).

<sup>2</sup> The Infrastructure Planning (Environmental Impact Assessment Regulations 2017 (as amended).

<sup>3</sup> Planning Act 2008: application form guidance, 2013. Ministry of Housing, Communities and Local Government)

<sup>4</sup> Advice Note 6: Preparation and submission of application documents, version 10. The Planning Inspectorate.



## 3. DCO Application Documents

### 3.1 Introduction

3.1.1 This section describes the documents and supporting information submitted as part of the DCO Application for the Proposed Development.

3.1.2 All of these documents will be published on the PINS website after the Acceptance of the DCO Application.

### 3.2 Application Form and associated documents

3.2.1 The following documents are included within the DCO Application:

- **Covering Letter (Volume 1.1):** introductory letter briefly introducing the Applicant, describing the nature of the Proposed Development and the Application documents;
- **Application Form (Volume 1.2):** this is provided by PINS and is required to be completed alongside the submission of a DCO Application. It includes high level details about the Proposed Development and Application process;
- **Electronic Application Index (Volume 1.3):** this is provided by PINS and is a recommended document which includes a detailed list of the DCO Application Documents submitted;
- **Section 55 Checklist (Volume 1.4):** this is provided as a schedule of compliance to inform PINS of how the DCO Application fulfils the conditions for acceptance required under section 55 of the 2008 Act; and
- **Guide to The Application (Volume 1.5):** this document provides a summary of the suite of documents which comprise the DCO Application which the Applicant has submitted to the SoS in respect of the Proposed Development.

### 3.3 Plans

3.3.1 The certified plans submitted with the DCO Application show the extent of the Proposed Development including the temporary land required for the construction of the Proposed Development, and the permanent land over which it would be built. The plans are as follows:

- **Site Location Plan (Volume 2.1):** this plan shows the location of the Proposed Development
- **Land Plan (Volume 2.2):** these plans accompany the Book of Reference and show the plots of land and rights required for the Proposed Development.
- **Works Plan (Volume 2.3):** these show the proposed works including the limits of deviation within which the development and works may be carried out. The



works are numbered and the numbers correspond to the numbered works set out in Schedule 1 of the dDCO which are to be authorised by the DCO;

- **Access and Public Rights of Way Plan (Volume 2.4)**: these plans identify any new or altered means of access, stopping up of streets, roads and Public Rights of Way (PRoW);
- **Features of Nature Conservation Plan (Volume 2.5)**: this plan identifies sites and features including geological or landscape importance, habitats of protected species, important habitats or diversity species, and water bodies in a river basin management plan; and
- **Statutory and Non-Statutory Sites and Features of Historic Environment Plan (Volume 2.6)**: this plan identifies sites and features of the historic environment.

3.3.2 Other Plans have also been provided as part of the DCO Application. These Plans provide the likely layout, sections and elevations of the main elements of the Proposed Development:

- EfW CHP Facility Elevations (**Volume 2.7**); and
- Administration Building Elevations (**Volume 2.8**).

## 3.4 Draft DCO and Explanatory Memorandum

3.4.1 The DCO is a statutory instrument granted by the SoS to authorise the construction and development of a NSIP. The **Draft Development Consent Order (Volume 3.1)** submitted with the DCO Application will be subject to change and modification as the examination progresses. The final DCO will be made should the SoS grant development consent. The dDCO includes 15 Schedules as follows:

- **SCHEDULE 1—AUTHORISED DEVELOPMENT**: sets out a description of all elements which are needed to construct, operate and maintain the Proposed Development, corresponding to works numbers on the **Works Plans (Volume 2.3)**;
- **SCHEDULE 2—REQUIREMENTS**: sets out a series of requirements which the Applicant must abide by when constructing, operating and maintaining the Proposed Development;
- **SCHEDULE 3—STREETS SUBJECT TO STREET WORKS**: lists the street names that will be subject to street works and the description of the street works, which correspond to the **Access and Rights of Way Plans (Volume 2.4)**;
- **SCHEDULE 4—STREETS SUBJECT TO PERMANENT ALTERATION OF LAYOUT**: sets out street names of any streets which need to be permanently altered, corresponding to the **Access and Rights of Way Plans (Volume 2.4)**;
- **SCHEDULE 5—STREETS SUBJECT TO TEMPORARY ALTERATION OF LAYOUT**: sets out street names of any streets which need to be temporarily altered, corresponding to the **Access and Rights of Way Plans (Volume 2.4)**;



- SCHEDULE 6—ACCESS: details accesses that are to be maintained, and works to restore temporary accesses, which correspond to the **Access and Public Rights of Way Plans (Volume 2.4)**;
- SCHEDULE 7—TEMPORARY PROHIBITION OR RESTRICTION OF THE USE OF STREETS OR PUBLIC RIGHTS OF WAY: details the streets which need to be temporarily stopped up due to the Proposed Development, which correspond to the **Access and Public Rights of Way Plans (Volume 2.4)**;
- SCHEDULE 8—LAND IN WHICH ONLY NEW RIGHTS ETC. MAYBE ACQUIRED: lists the plots of land from the **Land Plans (Volume 2.2)** in which new rights may be acquired, with a description of the rights;
- SCHEDULE 9—MODIFICATION OF COMPENSATION AND COMPULSORY PURCHASE ENACTMENTS FOR CREATION OF NEW RIGHTS AND IMPOSITION OF NEW RESTRICTIVE COVERNANTS: sets out the methods of compulsory acquisition under the DCO;
- SCHEDULE 10—LAND OF WHICH TEMPORARY POSSESSION MAY BE TAKEN: lists the plots of land from the **Land Plans (Volume 2.2)** which need to be temporarily acquired, with a description of the rights, explained by reference to the relevant work numbers in the corresponding **Works Plans (Volume 2.3)**;
- SCHEDULE 11—PROTECTIVE PROVISIONS: sets out details of legal protections put in place to protect assets of statutory undertakers;
- SCHEDULE 12—PROCEDURE FOR DISCHARGE OF REQUIREMENTS: describes the procedure in relation to consents, agreements and approvals required by the relevant planning authority pursuant to the DCO;
- SCHEDULE 13—DOCUMENTS AND PLANS TO BE CERTIFIED: describes which plans and documents are certified and therefore must be adhered to during construction, operation and maintenance of the Proposed Development;
- SCHEDULE 14—MAXIMUM DESIGN PARAMETERS: describes the design parameters which the Proposed Development must adhere to; and
- SCHEDULE 15—ARBITRATION RULES: sets out rules relating to arbitration aspects of the Proposed Development.

3.4.2 The **Explanatory Memorandum (Volume 3.2)** explains the purpose and effect of each provision in the dDCO, including why it is considered necessary.

## 3.5 Compulsory Acquisition Information

3.5.1 Should the Applicant need to acquire land and rights on a compulsory basis, they are required to provide evidence that the use of these powers would be justified, proportionate and in the public interest. This is set out in the following documents:

- **Book of Reference (Volume 4.1)**: identifies, on a plot by plot basis, all parties who own or occupy land and/or have an interest in or right over the land affected by the proposal, and/or who may be entitled to make a 'relevant claim' as defined in section 57 of the 2008 Act. It is structured in five parts in accordance with relevant regulatory requirements;



- **Funding Statement (Volume 4.2):** explains how the Proposed Development, including any compulsory acquisition, would be funded; and
- **Statement of Reasons (Volume 4.3):** is a statement justifying that there is a compelling case in the public interest for compulsory acquisition in order to acquire land and rights permanently, to extinguish rights, and to use land temporarily to enable the Applicant to construct, operate and maintain the Proposed Development, in accordance with section 122 of the 2008 Act.

## 3.6 Reports/Statements

3.6.1 The following separate reports/statements have been submitted in line with the regulatory requirements of the DCO Application process:

- **Consultation Report (Volume 5.1):** the purpose of the Consultation Report is to provide an account of the statutory and non-statutory pre-application consultation activities undertaken by the Applicant and explain how consultation responses have been taken into account in the preparation of the DCO Application for the Proposed Development. The **Consultation Report (Volume 5.1)** and accompanying Appendices have been produced to satisfy section 37(3) and section 37(7) of the 2008 Act;
- **Statement of Statutory Nuisance (Volume 5.2):** a statement which sets out whether the proposal engages one or more of the matters set out in section 79(1) (statutory nuisances and inspections therefor) of the Environmental Protection Act 1990<sup>5</sup>, and if so, how the Applicant proposes to mitigate or limit them;
- **Habitats Regulations Assessment No Significant Effects Report (Volume 5.3):** this document aims to provide relevant technical information to enable competent authorities to discharge their functions under regulations 7 (competent authorities) and 63 (requirement to carry out an appropriate assessment) of the Conservation of Habitats and Species Regulations 2017<sup>6</sup> (The Habitats Regulations) in connection with the consenting process for the Proposed Development; and
- **List of Other Consents and Licences (Volume 5.4):** this document provides information on the other consents and licences that are or may be required under other legislation for the construction and operation of the Proposed Development.

3.6.2 The APFP Regulations also require further assessments in addition to those listed above. These have been incorporated into other DCO Application documents:

- **Flood Risk Assessment (FRA):** the FRA is presented in **Appendix 12A of ES Chapter 12: Hydrology (Volume 6.4)**;
- **Assessment of nature conservation effects:** this assessment is presented in **ES Chapter 11: Biodiversity (Volume 6.4)**; and

<sup>5</sup> Environmental Protection Act 1990.

<sup>6</sup> Conservation of Habitats and Species Regulations 2017.



- Assessment of historic environment effects; this assessment is presented in **ES Chapter 10: Historic Environment (Volume 6.4)**.

## 3.7 Environmental Statement

3.7.1 The Proposed Development is considered to fall within Schedule 1 to the Infrastructure EIA Regulations 2017. Accordingly, an EIA has been undertaken pursuant to the Infrastructure EIA Regulations 2017, which sets out the requirements for undertaking an EIA and the required information for inclusion within an Environmental Statement (ES).

3.7.2 The ES sets out environmental information and the findings of the EIA. It allows consultees to develop an informed view of the likely significant environmental effects of the Proposed Development.

3.7.3 The suite of ES documents comprises four volumes:

- **Non-Technical Summary (Volume 6.1)**;
- **Environmental Statement (Volume 6.2)**;
- **Figures (Volume 6.3)**; and
- **Technical Appendices (Volume 6.4)**.

### Non-Technical Summary

3.7.4 The **Non-Technical Summary (Volume 6.1)** describes the ES in non-technical language and provides an overall summary of the findings of the ES.

### Environmental Statement

3.7.5 The main **Environmental Statement (Volume 6.2)** comprises the following chapters:

- **Chapter 1 Introduction**: provides an introduction to the Environmental Statement;
- **Chapter 2: Alternatives**: provides a summary of the alternatives considered and the reasons for the choices made;
- **Chapter 3: Description of the Proposed Development** provides a detailed description of the Proposed Development;
- **Chapter 4: Approach to EIA**: provides an overview of the approach and methods used to carry out the Environmental Impact Assessment;
- **Chapter 5: Legislation and Policy**: provides a summary of the legislation, planning policy and other policies relevant to the Proposed Development;
- **Chapters 6 to 17** describe the findings of the EIA process for each environmental topic scoped into the assessment. The topics covered are:
  - ▶ **Chapter 6: Traffic and Transport**;



- ▶ **Chapter 7: Noise and Vibration;**
- ▶ **Chapter 8: Air Quality;**
- ▶ **Chapter 9: Landscape and Visual;**
- ▶ **Chapter 10: Historic Environment;**
- ▶ **Chapter 11: Biodiversity;**
- ▶ **Chapter 12: Hydrology;**
- ▶ **Chapter 13: Geology, Hydrogeology and Contaminated Land;**
- ▶ **Chapter 14: Climate;**
- ▶ **Chapter 15: Socio-economics, Tourism, Recreation and Land Use;**
- ▶ **Chapter 16: Health; and**
- ▶ **Chapter 17: Major Accidents and Disasters.**
- **Chapter 18: Cumulative Effects Assessment:** describes the assessment of the potential cumulative effects of the Proposed Development with other developments; and
- **Chapter 19: Schedule of Mitigation and Monitoring:** provides a schedule summarising all of the mitigation and monitoring measures described in the Environmental Statement and how these measures will be delivered.

## Figures

3.7.6 **Table 5.1** below sets out the **Figures (Volume 6.3)** that have been produced to support the **ES (Volume 6.2)**.

**Table 5.1 Environmental Statement Figures**

ES Chapter	Figure Number	Title
<b>Chapter 1: Introduction</b>	1.1	Site location
<b>Chapter 2: Alternatives</b>	2.1	Initial boundary of the EfW CHP Facility Site
	2.2	Initial EfW CHP Facility Site Layout
	2.3	Additional Land Take Options
	2.4	Massing Options of the EfW CHP Facility Site
	2.5	Viewpoint 1 Massing Options
	2.6	Cladding options
	2.7	Administration building concept design





ES Chapter	Figure Number	Title
	2.8	EfW CHP Facility Temporary Construction Compound Options
	2.9	Grid Connection East Alternative Routes
	2.10	Grid Connection Northern Alignment Options avoiding the Solar Farm
	2.11	Walsoken Alternative Grid Connection Options
	2.12	Alternative location options for the Walsoken substation
	2.13	Indicative CHP Connection General Arrangement
<b>Chapter 3: Description of the Proposed Development</b>	3.1	Local Authority Boundaries
	3.2i-viii	Project Components
	3.3i-ix	Underground Cable Connection
	3.4	Walsoken Substation
	3.5	Walsoken Substation Equipment
	3.6	EfW CHP Facility Site Layout
	3.7i-iv	EfW CHP Facility elevations
	3.8	Air cooled condenser, turbine hall, water treatment plant and ancillary buildings elevations
	3.9	Gatehouse/weighbridge
	3.10	EfW CHP Facility 132kV Substation
	3.11i-iv	EfW CHP Facility Temporary Construction Compound layout
	3.12	Outline Operational Drainage Scheme
	3.13	Boundary gates and fences
	3.14	Outline landscape and ecology strategy
	3.15	EfW CHP Facility vertical limits of deviation
	3.16	EfW CHP Facility lateral limits of deviation
	3.17i-viii	CHP Connection and Access Improvements General Arrangements





ES Chapter	Figure Number	Title
	3.18i-vi	IDB culvert general arrangement
	3.19i-ii	New Bridge Lane access proposals
	3.20	Temporary workshop/store building
	3.21i-ii	Temporary ISO storage container
	3.22i-vii	Temporary mess and welfare cabins and site offices
	3.23i-ii	Temporary pedestrian bridge illustrative design
	3.24	Trees and hedges to be removed
	3.25	Water Connections (potable)
	3.26	Administration building elevations
	3.27	CHP Connection Construction Limits of deviation
	3.28	CHP Connection Operational Limits of Deviation
<b>Chapter 6: Traffic and Transport</b>	6.1	Proposed Development Components and Local Highways Network
	6.2	Proposed Development in Operational Period
	6.3	Scope of Assessment
	6.4	Traffic and Transport Highways Links
	6.5	Bus Services
	6.6	National Cycle Network
	6.7	Accident Assessment Area
	6.8	Construction programme
	6.9	Construction Staff Distribution
	6.10	Grid Connection and Construction Accesses
	6.11	Joint Bay Locations
	6.12	CHP Connection Traffic Generation
	6.13	CHP Connection Construction Accesses
	6.14	Construction period peak month identification
	6.15	24 hour construction traffic network plots



ES Chapter	Figure Number	Title
	6.16	Operational HGV Access Strategy
	6.17	Operational Staff Distribution
	6.18	Design Case New Bridge Lane Access Design
	6.19	Algores Way Operational Access Design
	6.20	24 hour operational traffic network plots
	6.21	New Bridge Lane Pedestrian Crossing
<b>Chapter 7: Noise and Vibration</b>	7.1	Construction noise & vibration Study Area - EfW CHP Facility, Access Improvements and Water Connection
	7.2	Construction noise Study Area - CHP Connection
	7.3	Construction and operational noise Study Area - Grid Connection
	7.4	Traffic noise Study Area - Construction & operational vehicular access routes
	7.5	Operational noise Study Area - EfW CHP Facility
	7.6	Noise model input: construction scenarios (Access Improvements)
	7.7	Noise model input: construction scenarios (EfW CHP Facility)
	7.8	Noise model input: construction scenarios (CHP Route)
	7.9	Noise model input: construction scenarios (cable route)
	7.10	Noise model input: EfW CHP Facility, operational noise
	7.11	Noise model results: EfW CHP Facility, predicted weekday daytime noise contours
	7.12	Noise model results: EfW CHP Facility, predicted weekday night-time noise contours
	7.13	Proposed acoustic fence to 10 New Bridge Lane
<b>Chapter 8: Air Quality</b>	8.1	Air quality survey monitoring locations
	8.2	Local Authority monitoring locations
	8.3	Modelled receptors
	8.4	Construction dust buffers



ES Chapter	Figure Number	Title
	8.5	Annual mean NO2 concentration contours
	8.6	Hourly mean NO2 (equivalent of 99.79th percentile) concentration contours
<b>Chapter 9: Landscape and Visual</b>	9.1	LVIA Study Area
	9.2i	EfW CHP ZTV within 5km of the centre of the main building in the EfW CHP Facility
	9.2ii	EfW CHP ZTV within LVIA Study Area
	9.3i	Chimney ZTV within 5km of the centre of the main building in the EfW CHP Facility
	9.3ii	Chimney ZTV within LVIA Study Area
	9.4i	Composite ZTV of the main building and chimneys within 5km of the centre of the main building at the EfW CHP Facility
	9.4ii	Composite ZTV of the main building and chimneys within LVIA Study Area
	9.5	Underground grid connection (UGC) construction route ZTV
	9.6	Visible plume ZTV
	9.7	Topography within LVIA Study Area
	9.8	Comparative light pollution levels within the LVIA Study Area
	9.9i	National Character Areas
	9.9ii	Landscape Character Types and Areas
	9.10	Townscape Character Areas
	9.11i	Community Visual Receptor Group Locations within 5km of the centre of the main building at the EfW CHP Facility
	9.11ii	Community Visual Receptor Group Locations over 5km from the centre of the main building at the EfW CHP Facility
	9.12i	Recreational Visual Receptor Group Locations within 5km of the centre of the main building at the EfW CHP Facility
	9.12ii	Recreational Visual Receptor Group Locations over 5km from the centre of the main building at the EfW CHP Facility



ES Chapter	Figure Number	Title
	9.13	Individual PRoWs and PRoW networks included in the visual assessment
	9.14i	Viewpoint Locations within 5km of the centre of the main building at the EfW CHP Facility
	9.14ii	Viewpoint Locations over 5km from the centre of the main building at the EfW CHP Facility
	9.15i-xxx	Viewpoint photography (day time)
	9.16i-vi	Viewpoint photography (night time)
	9.17-46	Viewpoints
<b>Chapter 10: Historic Environment</b>	10.1	Designated heritage assets within a 2km study area
	10.2	HER records within a 1km study area
	10.3	Historic Landscape Characterisation within 1km Study Area
	10.4	LiDAR Digital Terrain Model (DTM)
	10.5	Wisbech Conservation Area
	10.6	Elm Conservation Area
<b>Chapter 11: Biodiversity</b>	11.1	The Proposed Development components and waterbody Area of Search
	11.2	Statutory and non-statutory designated sites for nature conservation identified within Areas of Search
<b>Chapter 12: Hydrology</b>	12.1	Proposed Development Location and Study Area
	12.2	LiDAR Topography Elevations (Proposed Development)
	12.3i	Water Environment (Proposed Development)
	12.3ii	Water Environment (EfW CHP Facility Site and surroundings)
	12.4	Internal Drainage Board Districts
	12.5i	Hydrological receptors within the study area (Proposed Development)
	12.5ii	Hydrological receptors within the study area (EfW CHP Facility Site and surroundings)
	12.6i	Environment Agency Flood Map for Planning (Proposed Development)



ES Chapter	Figure Number	Title
	12.6ii	Environment Agency Flood Map for Planning (EfW CHP Facility Site and surroundings)
	12.7i	Environment Agency Surface Water Flood Risk Map (EfW CHP Facility Site and surroundings)
	12.7ii	Environment Agency Surface Water Flood Risk Map (Grid connection)
	12.8	Environment Agency Reservoir Flood Risk Map
<b>Chapter 13: Geology, Hydrogeology and Contaminated Land</b>	13.1i	Potential land contamination constraints within the study area - EfW CHP Facility Site
	13.1ii	Potential land contamination constraints within the study area - CHP Connection, Access Improvements and Temporary Construction Compound
	13.1iii	Potential land contamination constraints within the study area - Grid Connection and Water Connection
<b>Chapter 15: Socio-economics, Tourism, Recreation and Land Use</b>	15.1	Location of Socio-economic, Tourism, Recreation and Land Use Static Receptors Study Area
	15.2	Location of Socio-economic, Tourism, Recreation and Land Use Static Receptors Static Receptors
<b>Chapter 18: Cumulative Effects Assessment</b>	18.1	Longlist of active applications in the vicinity of the Proposed Development
	18.2	Location of shortlist projects
	18.3	Location of common receptors

## Technical Appendices

3.7.7 **Table 5.2** below sets out the **Technical Appendices (Volume 6.4)** that have been produced to support the **ES (Volume 6.2)**.

**Table 5.2 Environmental Statement Technical Appendices**

ES Chapter	Appendix Number	Title
<b>Chapter 1: Introduction</b>	1A	List of Competent Experts
	1B	Applicant's Confirmation of Competent Experts
	1C	Regulation 8(1)(b) Notice



ES Chapter	Appendix Number	Title
	1D	EIA Scoping Opinion
	1E	Late Scoping Opinion Consultation responses
	1F	Terms and Abbreviations
<b>Chapter 2: Alternatives</b>	2A	Grid Connection Options Report
<b>Chapter 3: Description of the Proposed Development</b>	3A	Stakeholder Engagement and Consultation
	3B	Outline Lighting Strategy
<b>Chapter 6: Traffic and Transport</b>	6A	Outline Construction Traffic Management Plan
	6B	Transport Assessment
	6C	Outline Operational Travel Plan
	6D	Stakeholder Engagement and Consultation Comments on the Traffic and Transport Assessment.
	6E	Committed Development Traffic
	6F	TEMPro Factors
<b>Chapter 7: Noise and Vibration</b>	7A	Baseline Monitoring Report
	7B	Construction Noise Assessments
	7C	Operational Noise Assessment Data
	7D	Outline Operational Noise Management Plan
<b>Chapter 8: Air Quality</b>	8A	Stakeholder engagement
	8B	Air Quality Technical Report
<b>Chapter 9: Landscape and Visual</b>	9A	Consultation Response Summaries
	9B	LVIA Methodology
	9C	NCA & LCT/LCA Key Characteristics Summaries
	9D	Townscape Characterisation Baseline Study
	9E	Landscape Sensitivity Assessments
	9F	Townscape Sensitivity Assessments



ES Chapter	Appendix Number	Title
	9G	Landscape Character Assessment Tables
	9H	Townscape Character Assessment Tables
	9I	Viewpoint Assessment
<b>Chapter 10: Historic Environment</b>	10A	Gazetter of heritage assets
	10B	Archaeology desk study
<b>Chapter 11: Biodiversity</b>	11A	Consultation and Engagement
	11B	Evaluation of Ecological Features
	11C	Species Scientific Names
	11D	Desk Study and Extended Phase 1 Habitat Survey
	11E	Badger Survey
	11F	Bat Survey
	11G	Great Crested Newt Survey
	11H	Reptile Survey
	11I	Water Vole Survey
	11J	Breeding Bird Appraisal Surveys 2021
	11K	Breeding and Passage Bird Surveys 2020
	11L	Winter Bird Survey
	11M	Biodiversity Net Gain Assessment
<b>Chapter 12: Hydrology</b>	12A	Flood Risk Assessment
	12B	Stakeholder engagement
	12C	Site visit photos
	12D	IDB drainage plans
	12E	Discharge consents
	12F	Outline Drainage Strategy



ES Chapter	Appendix Number	Title
<b>Chapter 13: Geology, Hydrogeology and Land Contamination</b>	13A	Wisbech Phases 1 and 2 Geoenvironmental Desk Study and Interpretative Report
	13B	Grid Connection Corridor Phase 1 Geoenvironmental Desk Study and Interpretative Report
<b>Chapter 14: Climate</b>	14A	Consultation and Stakeholder engagement
	14B	Assumptions and limitations
	14C	Sensitivity analysis
<b>Chapter 16: Health</b>	16A	Summary of Consultation Responses
	16B	Health Baseline
<b>Chapter 18: Cumulative Effects Assessment</b>	18A	Long List and Short List of Other Developments
	18B	Criteria for Determining Zones of Influence
	18C	Search terms for major development
	18D	Landscape and Visual Cumulative Impacts Analysis

### 3.8 Other Documents

3.8.1 A series of other documents has been submitted in support of the DCO Application and comprise the following:

- **Planning Statement (Volume 7.1):** sets out the planning policy context and assesses the Proposed Development against policy requirements outlined primarily in National Policy Statements (NPSs) and other relevant planning policy documents;
- **Electricity Grid Connection Statement (Volume 7.2):** demonstrates the feasibility and proposed approach to the Grid Connection works to support the Proposed Development, including who will be responsible for designing and building the connection;
- **Waste Fuel Availability Assessment (Volume 7.3):** describes how the Proposed Development conforms to the waste hierarchy and outlines the availability of waste fuel to power the Proposed Development;
- **Project Benefits Report (Volume 7.4):** identifies the key elements of the Proposed Development and their associated environmental, economic and social benefits, including the contribution of the Proposed Development to planning policy objectives;





- **Design and Access Statement (Volume 7.5):** explains the process which the Applicant has followed to arrive at the preferred design of the EfW CHP Facility. It includes an analysis of the site context, an appraisal of what informed and constrained the design process to date, and the subsequent evolution of design proposals;
- **Combined Heat and Power Assessment (Volume 7.6):** considers the feasibility of supplying heat from the EfW CHP Facility to local heat consumers via the CHP Connection Corridor. This assessment has been produced in line with the requirements of NPS EN-1<sup>7</sup>.
- **Outline Landscape and Ecology Management Plan (Volume 7.7):** captures the key principles required to avoid, mitigate and compensate for effects to landscape and ecology from the construction, operation and maintenance of the Proposed Development;
- **Outline Employment and Skills Strategy (Volume 7.8):** sets out the strategy to maximise use of local workforce and provide skills and training opportunities where this is possible;
- **Outline Flood Emergency Management Plan (Volume 7.9):** sets out the measures intended to be incorporated into the final design of the Proposed Development to prevent flooding at the EfW CHP Facility, and actions that would be taken if flooding were to occur;
- **Outline Fire Prevention Plan (Volume 7.10):** sets out the measures intended to be incorporated into the final design of the Proposed Development to prevent the risk of fires at the EfW CHP Facility, and actions that would be taken if a fire were to occur;
- **Outline Odour Management Plan (Volume 7.11):** sets out the measures intended to be incorporated into the final design of the Proposed Development to prevent odour at the EfW CHP Facility;
- **Outline Construction Environmental Management Plan (CEMP) (Volume 7.12):** this provides a framework from which final CEMP will be produced by the relevant EPC Contractor and approved by the relevant local planning authority prior to initiating construction works at the EfW CHP Facility and the Grid Connection. The purpose of the CEMP is to provide the principles and requirements relating to the management and mitigation of construction impacts for the Proposed Development;
- **Tree Survey (Volume 7.13):** this identifies trees with the potential to be affected by the Proposed Development and management recommendations;
- **Outline Community Benefits Strategy (Volume 7.14):** outlines a set of proposals to deliver community benefits; and
- **Outline Operational Traffic Management Plan (Volume 7.15):** sets out the measures to manage traffic during the operation of the Proposed Development.

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<sup>7</sup> Overarching National Policy Statement for Energy (EN-1), 2011. Department of Energy and Climate Change.



## 3.9 Changes to DCO Application Documents

- 3.9.1 **Section 3** above provides a guide to all documents submitted as part of the DCO Application. The Applicant will maintain a table of these documents and if new or revised documents are submitted to PINS, the table will record the latest version of each document for clarity. This table will be submitted to PINS at each relevant deadline during the examination of the DCO Application.



## 4. The DCO Process

### 4.1 Introduction

4.1.1 Once the DCO Application has been submitted to the SoS, the following stages of the DCO process will apply:

- Acceptance;
- Pre-examination;
- Examination;
- Decision; and
- Post Decision

4.1.2 Each of these stages are described in turn below.

4.1.3 The DCO process is administered by PINS on behalf of the SoS, who will make a decision on the proposal in the 'Decision' stage.

### 4.2 Acceptance

4.2.1 PINS, on behalf of the Secretary of State, has 28 days beginning with the day after the day on which they receive the Application to decide whether to accept it for examination. PINS will check the DCO Application documents and plans to make sure all the required information is included. They will also ask whether the relevant local authorities think the applicant's pre-application consultation was adequate.

4.2.2 Following acceptance by the Secretary of State, the Applicant will carry out its post-acceptance consultation and notification duties. This includes site notices and advertisements confirming certain details, including that the Application has been accepted and how representations can be made, as well as notices to various statutory consultees.

### 4.3 Pre-examination

4.3.1 The Secretary of State will appoint one or more 'examining inspectors' (known as the ExA) to examine the Application on its behalf.

4.3.2 The public will be able to register with the Planning Inspectorate and provide a summary of their views of the DCO Application in writing by submitting a 'Relevant Representation' in order to become an Interested Party.

4.3.3 At the pre-examination stage, Interested Parties will be invited to attend a Preliminary Meeting, setting out what the ExA considers to be the principal issues relating to project, and a draft timetable for examining it.

4.3.4 At or before the Preliminary Meeting, participants may make submissions about how the Application should be examined. The purpose of the Preliminary Meeting is to



discuss the way in which the Application is to be examined. Only procedural issues will be discussed; the merits of the Application will be considered once the examination starts, which is after the Preliminary Meeting has closed.

4.3.5 The pre-examination period has no statutory timescale.

## 4.4 Examination

4.4.1 Following the preliminary meeting, the ExA will issue an examination timetable and it is also likely to issue an initial set of written questions. The timetable will give details of deadlines for interested parties to submit written representations, comment on others' representations, answer the ExA's questions and comment on others' answers. Hearings may be scheduled at this point, or may be programmed at a later time, and further questions and requests for information may be issued by the ExA.

4.4.2 Local Authorities identified in accordance with section 43 of the 2008 Act will be invited to comment on the quality of the Applicant's consultation process, to produce a Local Impact Report on the Proposed Development and to make their own representations to the Secretary of State on the DCO Application.

4.4.3 The ExA has a maximum of six months to carry out the examination.

## 4.5 Decision

4.5.1 Following the end of the six-month examination phase, the ExA must prepare a report on the examination of the DCO Application to the relevant SoS, including a recommendation about whether to grant or refuse development consent. The ExA must submit this report to the relevant SoS within three months.

4.5.2 The SoS then has a further three months to determine the DCO Application.

## 4.6 Post Decision

4.6.1 Once a Decision has been issued by the SoS, there is a six week period in which the Decision may be challenged in the High Court.

4.6.2 Further information on the DCO process can be found in PINS Advice Note Eight: Overview of the nationally significant infrastructure planning process for members of the public and others<sup>8</sup>.

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<sup>8</sup> The Planning Inspectorate, 2016. Advice Note Eight: Overview of the nationally significant infrastructure planning process for members of the public and others.

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