

# Medworth Energy from Waste Combined Heat and Power Facility

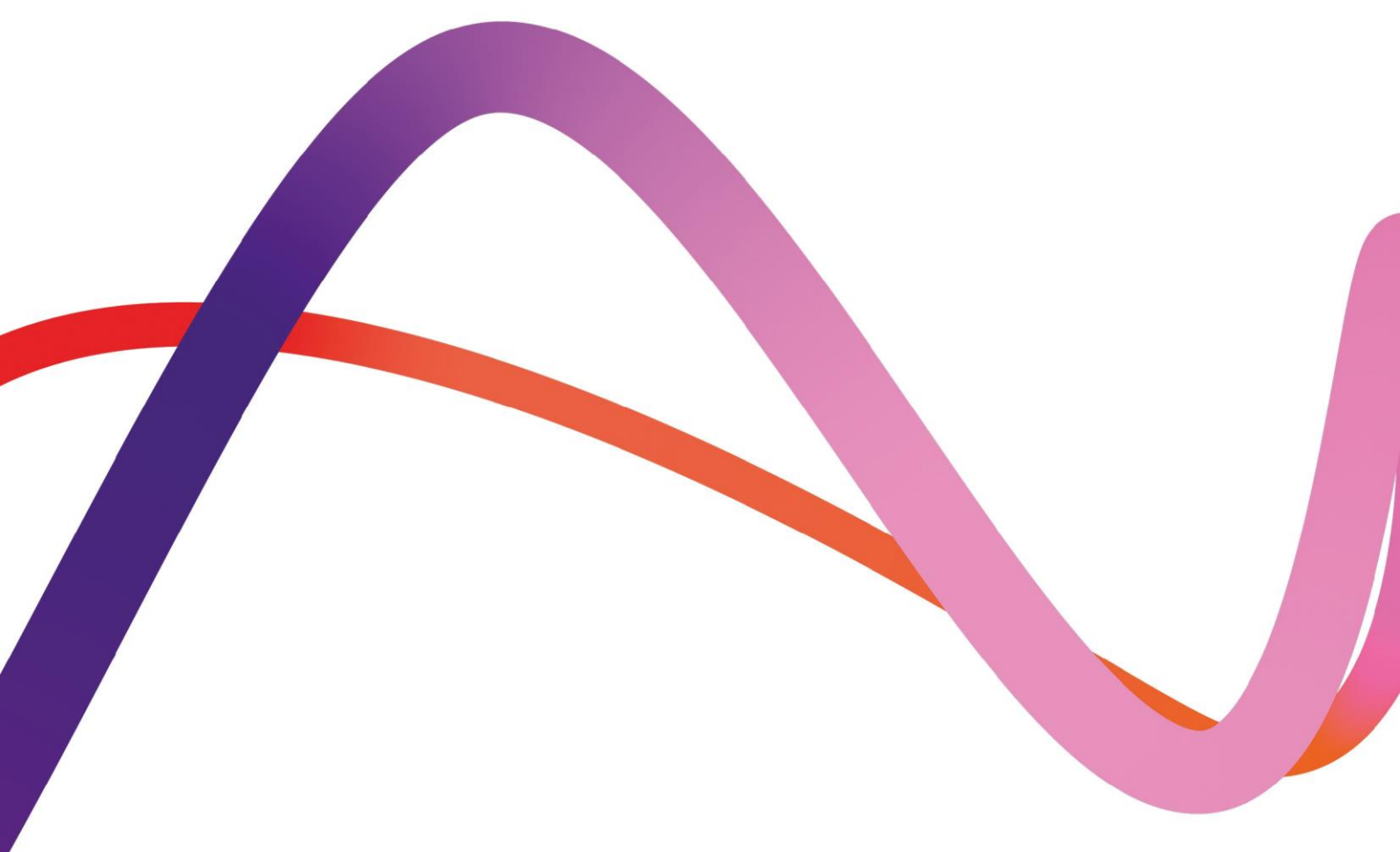
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March 2023



## National Policy Statement Tracker (Deadline 1)

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# 1. Introduction

## 1.1 Introduction

1.1.1 This National Policy Statement Tracker has been prepared in response to a request from the Examining Authority (Rule 6 letter dated 24 January 2023).

## 1.2 Purpose of the Document

1.2.1 The purpose of this document is to demonstrate that the Proposed Development complies with relevant national policy. As a nationally significant infrastructure relevant national policy is provided within National Policy Statements (NPS). Relevant NPSs are identified and a summary of policy guidance provided. The Applicant has identified how the Proposed Development complies with policy by reference to the application documentation which it has submitted.

## 1.3 Structure of the Document

1.3.1 The structure of the document is as follows:

- Section 1 – Introduction;
- Section 2 – National Policy Statement Tracker; and
- Section 3 – Conclusion.



## 2. National Policy Statement Tracker

### 2.1 Introduction

2.1.1 The Applicant has demonstrated compliance against the relevant NPS within Tables 2.1 to 2.3 below.

### 2.2 Relevant National Policy Statements

2.2.1 The National Policy Statements relevant to the Proposed Development are considered to be the following:

- NPS EN-1 The Overarching National Policy Statement for Energy.
- NPS EN-3 The National Policy Statement for Renewable Energy Infrastructure.
- NPS EN-5 The National Policy Statement for Electricity Networks Infrastructure.

2.2.2 In July 2021 the Secretary of State consulted upon a set of draft national policy statements. Relevant to the Proposed Development are:

- Draft NPS EN-1 The Overarching National Policy Statement for Energy.
- Draft NPS EN-3 The National Policy Statement for Renewable Energy Infrastructure.
- Draft NPS EN-5 The National Policy Statement for Electricity Networks Infrastructure.

### 2.3 Compliance with the National Policy Statements

2.3.1 The Applicant has reviewed the Proposed Development against the relevant policies contained within the relevant National Policy and Draft National Policy Statements listed above within **Table 2.1 Compliance with National Policy Statement EN-1 and Draft EN-1** to **Table 2.3 Compliance with National Policy Statement EN-5 and Draft EN-5**. The approach it has taken is to summarise the policy guidance making reference to relevant policy numbers. Where the Draft NPS introduces proposed policy (including assessment principles and policy concerning the consideration of generic impacts) that is substantively different to that contained in the designated NPS, this is provided to the rear of each table.



Table 2.1 Compliance with National Policy Statement EN-1 and Draft EN-1

| NPS Para No.             | Relevant Requirement of the National NPS   | Scheme compliance with the National NPS   | Examination document   |
|--------------------------|--|---|--|
| NPS EN-1: 4.2.1 - 4.2.11 | <p>Applicants are required to submit an ES outlining the likely significant environmental, social and economic effects of proposed developments and how any likely significant negative effects would be avoided or mitigated.</p> <p>The ES should set out the environmental, social and economic impacts at all stages of development, including construction, commissioning, operation and decommissioning.</p> | <p>An ES has been submitted as part of the DCO Application for the Proposed Development. In accordance with NPS EN-1, the ES assesses the likely significant environmental, social and economic effects (including cumulative effects) associated with all stages of the Proposed Development and details the measures proposed to mitigate the negative effects of the scheme.</p> | <p><b>ES (Volume 6.2)</b></p> <p><b>ES Non-technical Summary (Volume 6.1) [APP-027]</b></p> <p><b>ES Figures (Volume 6.3)</b></p> <p><b>ES Appendices (Volume 6.4)</b></p> |
| NPS EN-1: 4.3.1          | <p>The SoS must consider whether the proposed development may have a significant effect on a European site or a site protected to the same extent by policy under the Conservation of Habitats and Species Regulations 2017, either alone or in combination with other plans or projects.</p> <p>The applicant is required to consult with Natural England and</p>   | <p>A <b>Habitats Regulations Assessment (HRA) NSER (Volume 5.3) [AS-007]</b> has been submitted as part of the DCO Application (<b>Volume 5.3</b>). The HRA identifies that there would be no significant effects upon European designated nature conservation sites as a result of the Proposed Development.</p>   | <p><b>HRA NSER (Volume 5.3) [AS-007]</b></p>   |



| NPS Para No.                  | Relevant Requirement of the National NPS  | Scheme compliance with the National NPS  | Examination document   |
|-------------------------------|---|--|--|
|                               | <p>provide the SoS with any information reasonably required to determine whether an Appropriate Assessment is required. Where an Appropriate Assessment is required, the applicant must provide the SoS with such information as may reasonably be required to enable the SoS to conduct the Appropriate Assessment.</p>                        |  |  |
| <b>NPS EN-1: 4.4.1- 4.4.3</b> | <p>There are specific circumstances where alternatives must be considered; however, there is no general requirement to consider alternatives. These specific considerations relate to legislative requirements (including in respect of the EIA Regulations 2017 and Habitats Directive), flood risk and alternatives ways of meeting need.</p> | <p>The site selection process for the EfW CHP Facility Site is set out in <b>Chapter 2: Alternatives (Volume 6.2) [APP-029]</b> of the ES.</p> <p>The reasons for selecting the preferred options for the Proposed Development are also described <b>Chapter 2: Alternatives (Vol. 6.2) [APP-029]</b> of the ES including the alternatives considered relating to site configuration; location of the TCC; CHP Connection design; and the Grid Connection Corridor, including substation location and design (a separate Grid Connection Options Report has been submitted as <b>Appendix 2A (Vol. 6.4) to Chapter 2: Alternatives (Vol 6.2) [APP-029]</b> of the ES).</p> | <p><b>ES Chapter 2 Alternatives (Volume 6.2) [APP-029]</b></p> <p><b>ES Appendix 2A (Volume 6.4) [APP-069]</b></p> <p><b>ES Chapter 12 Hydrology (Volume 6.2) [APP-039]</b><br/><b>Appendix 12A FRA (Volume 6.4) [APP-084]</b></p> <p><b>HRA NSER (Volume 5.3) [AS-007].</b></p> |



| NPS Para No. | Relevant Requirement of the National NPS   | Scheme compliance with the National NPS | Examination document |
|--------------|--|---|----------------------|
|              | <p>At each stage of design evolution, the Applicant has taken account of the potential effects of the alternatives considered and selected a preference informed by predicted environmental performance together with technical and land use considerations. Account has also been taken of the relevant NPSs and local plan policies and proposals including waste management allocations and other relevant local strategies. The design evolution has also been informed by responses to non-statutory and statutory consultation.</p> <p>The HRA undertaken by the Applicant does not identify any significant effects upon protected sites such that the requirement to consider alternative locations for the Proposed Development is not triggered.</p> <p>On the matter of flood risk (the sequential test), both at the time the EfW CHP Facility Site was first identified and at the point the option agreement for the land comprising the majority of the EfW CHP Facility Site was signed in 2019, the EfW CHP Facility Site was allocated in the Cambridgeshire</p> |   |                      |



| NPS Para No. | Relevant Requirement of the National NPS  | Scheme compliance with the National NPS | Examination document |
|--------------|---|---|----------------------|
|              | <p>and Peterborough Waste and Minerals Development Plan Site Specific Allocations 2012 as a Waste Allocation and Consultation Area (W1C inset map 39) as site allocation W1C (an allocation for waste recycling and recovery facilities (non-landfill) under Policy SSP W1. In view of national policy as set out in EN-1, Draft EN1, the National Planning Policy Framework and the Planning Practice Guidance Flood Risk and Coastal Change there was no requirement upon the Applicant to undertake a sequential test at the time it selected the site, nor through the stages of scoping and period of non-statutory consultation (at which times it still comprised an allocation). In July 2021 (after the commencement of the statutory consultation period for the Proposed Development) the Development Plan was replaced by Cambridgeshire and Peterborough Minerals and Waste Local Plan 2021. This Plan does not allocate sites for waste management purposes instead identifying waste management areas (Policy 10 WMAs). WMAs are existing or committed waste management sites.</p> |   |                      |





| NPS Para No.                   | Relevant Requirement of the National NPS  | Scheme compliance with the National NPS   | Examination document                                      |
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|                                |   | <p>The EfW CHP Facility Site is identified as a WMA 'existing or committed waste management facility' in the 2021 Minerals and Waste Local Plan and retained within the Fenland Local Plan 2014 as an allocated waste management site.</p> <p>Following the adoption of the Cambridgeshire and Peterborough Minerals and Waste Local Plan 2021, and taking into account feedback received during statutory consultation, the Applicant re-evaluated its site selection process. As part of this re-evaluation, the Applicant undertook a sequential test which considered other WMAs in the Wisbech area (as set out in the Flood Risk Assessment (Appendix 12A FRA Volume 6.4 [APP-084]). The Applicant did not identify any other available sites that met its essential site selection criteria, in particular the availability of potential CHP users, and that were located in either Flood Zone 1 or 2.</p> |   |
| <b>NPS EN-1: 4.5.1 - 4.5.6</b> | Good design covers aesthetics, functionality, sensitive use of materials and sensitive siting of development in relation to surroundings. | A <b>Design and Access Statement (Volume 7.5) [APP-096]</b> has been provided as part of the DCO Application. This details how the design of the Proposed Development has evolved and   | <b>Design and Access Statement (Volume 7.5) [APP-096]</b> |



| NPS Para No. | Relevant Requirement of the National NPS  | Scheme compliance with the National NPS   | Examination document   |
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|              | <p>Applicants are required to justify their proposed design and demonstrate a sustainable structure and efficient use of resources. Applicants are also encouraged to seek independent advice.</p> <p>Decisions will consider the extent to which the application fulfils the ultimate purpose of the infrastructure, taking account of relevant operational, safety and security requirements.</p> | <p>demonstrates that all aspects of site selection, site access and future access requirements have been addressed and incorporated into the proposed design and that measures have been embedded to mitigate the adverse impacts of the Proposed Development. It explains the options considered in respect of (<i>inter alia</i>) massing, roof profiles and architectural design.</p> <p>The Design and Access Statement (Volume 7.5) [APP-096] confirms that the Applicant is committing to achieving a high sustainability standard by choosing to implement a Building Research Establishment Environmental Assessment Method (BREEAM) scoring system for the development. The EfW CHP Facility will be constructed to achieve a minimum BREEAM rating of 'Good', except for the administration building where the minimum rating will be 'Excellent'.</p> <p>The Applicant's commitment to delivering the design commitments are secured by <b>Draft DCO Requirement 2 (Volume 3.1) [APP-013]</b>.</p> | <p><b>ES Chapter 2 Alternatives (Volume 6.2) [APP-029]</b></p> |



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| NPS EN-1: 4.6.1 – 4.6.12 | <p>Thermal generating station applications are required to include CHP or at least consider the use of CHP and applicants should consult with Stakeholders in this respect, including: potential heat customers, Homes England, Local Enterprise Partnerships and local authorities.</p> | <p>As highlighted above, <b>Chapter 2: Alternatives (Volume 6.2) [APP-029]</b> of the ES also includes a description of the main alternatives considered by the Applicant and the reasons for selecting the preferred options for the Proposed Development.</p> <p>A CHP Connection has been incorporated into the design of the Proposed Development. This will allow the export of steam and electricity from the EfW CHP Facility to surrounding business users via dedicated pipelines and private wire cables. Any future connection spurs to end users would be the subject of a separate consent.</p> <p>The CHP Connection is described in <b>Chapter 3: Description of the Proposed Development (Volume 6.2) [APP-030]</b> of the ES and <b>Section 2 of the Planning Statement (Volume 7.1) [APP-091]</b>. The evolution of the CHP Connection design is described in <b>Chapter 2: Alternatives (Volume 6.2) [APP-029]</b> of the ES. The environmental effects of the CHP Connection are assessed in the ES and have been taken into account in <b>Sections</b></p> | <p><b>ES Chapter 2 Alternatives (Volume 6.2) [APP-029]</b></p> <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b></p> <p><b>Combined Heat and Power Assessment (Volume 7.6) [APP-097]</b></p> <p><b>Planning Statement (Volume 7.1) [APP-091]</b></p> |



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|  |  | <p><b>4.4 to 4.18 of the Planning Statement (Volume 7.1) [APP-091].</b></p> <p>A <b>Combined Heat and Power Assessment (Volume 7.6) [APP-097]</b> has been prepared to accompany the DCO Application. This document analyses potential demand for heat and power and demonstrates the financial viability of the Applicant's proposals.</p> <p>The Applicant's commitment to CHP is secured by <b>Draft DCO Requirement 23 (Volume 3.1) [APP-013].</b></p>  |  |
| <p><b>NPS EN-1: 4.8.1 – 4.8.13</b></p> | <p>– The SoS must consider the UK Climate Projections available at the time that the applicant's ES was prepared to ensure appropriate mitigation is proposed. The emissions scenario from the Climate Change Committee should be used at the minimum.</p> <p>Adaptation measures should use the most up to date Climate Change Risk Assessment and consultation should be</p> | <p><b>ES Chapter 14: Climate (Volume 6.2) [APP-041]</b> includes an assessment of the projected impacts of climate change on the Proposed Development during construction, operation and decommissioning. This assessment of climate change resilience is based on UK Climate Projections 18 produced by the Met Office and draws on data from the Third Climate Change Risk Assessment published by the UK Government in January 2022<sup>1</sup> and the latest evidence prepared by the Adaptation Committee</p> | <p><b>ES Chapter 12 Hydrology (Volume 6.2) [APP-039]</b></p> <p><b>ES Appendix 12A (Volume 6.4) [APP-084]</b></p> <p><b>ES Chapter 14 Climate (Volume 6.2) [APP-041]</b></p> |

<sup>1</sup> UK Government. UK Climate Change Risk Assessment 2022.



| NPS Para No. | Relevant Requirement of the National NPS     | Scheme compliance with the National NPS   | Examination document                              |
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|              | undertaken with the Environment Agency (EA). | <p data-bbox="1043 272 1641 355">presented in the Independent Assessment of UK Climate Risk 2021<sup>2</sup>.</p> <p data-bbox="1043 395 1641 539">The assessment takes account of the design measures built into the Proposed Development to ensure climate resilience. These measures include:</p> <ul data-bbox="1093 547 1641 1289" style="list-style-type: none"> <li data-bbox="1093 547 1641 651">• design of Proposed Development to be resilient to current weather impacts;</li> <li data-bbox="1093 659 1641 842">• implementation of a flexible construction programme to integrate extreme weather-related delays and allow flexibility of timings of critical activities;</li> <li data-bbox="1093 850 1641 954">• a requirement for contractors to sign up for short to medium range weather forecasting alerts;</li> <li data-bbox="1093 962 1641 1034">• installation of lightning protection systems where required;</li> <li data-bbox="1093 1042 1641 1217">• design of Proposed Development to give consideration to climate change adaptation in line with relevant standards and future climate;</li> <li data-bbox="1093 1225 1641 1289">• measures to reduce the impact of extreme weather on construction;</li> </ul> | <b>Planning Statement (Volume 7.1) [APP-091].</b> |

<sup>2</sup> Betts, R.A. and Brown, K, (2021). Introduction. In: *The Third UK Climate Change Risk Assessment Technical Report* [Betts, R.A., Haward, A.B. and Pearson, K.V.(eds.)]. Prepared for the Climate Change Committee, London.



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|--------------|--|--|----------------------|
|              |  | <ul style="list-style-type: none"> <li>• design of the drainage systems to include consideration for resilience to climate change;</li> <li>• protection of the waste bunker against groundwater ingress and uplift;</li> <li>• use of climate suitable species in landscape planting; and</li> <li>• reduction in the reliance on potable water to be implemented e.g., rainwater harvesting.</li> </ul>  |                      |
|              |  | <p>On the basis of the measures embedded into the design of the Proposed Development, the climate change resilience assessment concludes that there would be no significant effects.</p>   |                      |
|              |  | <p>The effects of climate change are additionally considered (as appropriate) in other ES environmental topic chapters. This includes the assessment of hydrological impacts in <b>ES Chapter 12: Hydrology (Volume 6.2) [APP-039]</b> which has been informed by an <b>FRA (Appendix 12A: FRA (Volume 6.4) [APP-084])</b>. The findings of the hydrological assessment including FRA are summarised in <b>Section 4.9 of the Planning Statement (Volume 7.1) [APP-091]</b>.</p> |                      |



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| NPS EN-1: 4.9.1 – 4.9.4 | The SoS will need to be satisfied that there is no reason why a grid connection cannot be secured from National Grid, although the connection does not have to be secured at the time that the application is submitted. | <p>The Applicant's commitments to suitably manage climate change impacts associated with flood risk and surface water drainage are secured by <b>Draft DCO Requirement 8 (Volume 3.1) [APP-013]</b>.</p> <p><b>ES Chapter 2: Alternatives (Volume 6.2) [APP-029]</b> explains how the design of the Grid Connection has evolved as a result of environmental, technical and land use considerations and as a result of consultation feedback including from National Grid. A separate <b>Grid Connection Options Report</b> has been submitted as <b>Appendix 2A (Volume 6.4) [APP-069]</b> to <b>Chapter 2: Alternatives</b> of the ES.</p> <p><b>Chapter 3: Description of the Proposed Development (Volume 6.2) [APP-030]</b> of the ES describes the connection and this is summarised in <b>Section 2</b> of the <b>Planning Statement (Volume 7.1) [APP-091]</b>.</p> <p>The environmental effects of the Grid Connection are assessed in the ES and have been taken into account in <b>Sections 4.4 to 4.18</b> of the <b>Planning Statement (Volume 7.1) [APP-091]</b>.</p> | <p><b>ES Chapter 2 (Volume 6.2) [APP-029]</b></p> <p><b>ES Appendix 2A (Volume 6.4) [APP-69]</b></p> <p><b>ES Chapter 3 (Volume 6.2) [APP-030]</b></p> <p><b>Grid Connection Statement (Volume 7.2) [APP-093]</b></p> <p><b>Planning Statement (Volume 7.1) [APP-091]</b>.</p> |



| NPS Para No.              | Relevant Requirement of the National NPS  | Scheme compliance with the National NPS   | Examination document   |
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| NPS EN-1: 4.10.1 – 4.10.8 | <p>The SoS will consider if the proposed development constitutes an acceptable use of land.</p> <p>The applicant is required to demonstrate that all Environmental Permitting requirements can be met as necessary. Applicants must prove that the relevant pollution control authority will be satisfied that adequate pollution controls will be provided and that the proposed development will not make existing pollution levels unacceptable on-site.</p> | <p>A <b>Grid Connection Statement (Volume 7.2) [APP-093]</b> has been submitted with the DCO Application. This demonstrates that there is the necessary infrastructure and capacity within the distribution network to accommodate the electricity generated by the Proposed Development and confirms that the Applicant has accepted a grid connection offer from UKPN.</p> <p>The Applicant recognises that some issues may be subject to separate regulatory regimes including environmental permitting. The <b>Other Consents and Licences (Volume 5.4) [APP-026]</b> document submitted with the DCO Application identifies the other consents and licences required and provides details of when they will be applied for.</p> <p>The Applicant applied to the Environment Agency for an Environmental Permit for the EfW CHP Facility on the 5 August 2022. In response to the ExA's First Written Question EIA.1.2, a progress update will be provided at Deadline 2 (24 March 2023).</p> | <p><b>Other Consents and Licences (Volume 5.4) [APP-026]</b></p> |





| NPS Para No.            | Relevant Requirement of the National NPS   | Scheme compliance with the National NPS  | Examination document  |
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| NPS EN-1: 4.11.1-4.11.4 | <p>The Health and Safety Executive ('HSE') should be consulted on all safety related matters.</p> <p>Energy infrastructure projects may be required to meet the Control of Major Accident Hazards (COMAH) Regulations 2015 and in such instances, the applicant should consult with the competent authority.</p> | <p>HSE were consulted on the Proposed Development during Statutory Consultation and has confirmed that it would not advise against the DCO Application. Further detail is provided in the <b>Consultation Report (Volume 5.1) [APP-018]</b> and <b>Chapter 17: Major Accidents and Disasters (Volume 6.2) [APP-044]</b> of the ES.</p> <p><b>Chapter 17: Major Accidents and Disasters (Volume 6.2) [APP-044]</b> of the ES confirms that the Proposed Development does not fall under the Control of Major Accident Hazards (COMAH) Regulations 2015 and, further, that it will not require Hazardous Substances Consent due to the low inventories of any hazardous substances which may be stored or used at the EfW CHP Facility.</p> <p>HSE has additionally confirmed that the EfW CHP Facility Site is outside the consultation distances for any sites with Hazardous Substances Consent or Major Accident Hazard Pipelines. This means that it is extremely unlikely that an accident on one of these sites could lead to a major accident at the EfW CHP Facility.</p> | <p><b>Consultation Report (Volume 5.1) [APP-018]</b></p> <p><b>ES Chapter 17 (Volume 6.2) [APP-044]</b></p> |



| NPS Para No.                     | Relevant Requirement of the National NPS  | Scheme compliance with the National NPS  | Examination document  |
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| <b>NPS EN-1: 4.12.1 – 4.12.3</b> | <p>Hazardous Substances Consent should be sought by all applications proposing to hold hazardous substances above the relevant thresholds. This could be included in the application for a DCO.</p> | <p>The Grid Connection crosses or is in close proximity to, several gas pipelines. However, the major accidents and disasters assessment presented in <b>Chapter 17: Major Accidents and Disasters (Volume 6.2) [APP-044]</b> of the ES has confirmed that any impacts during construction or operation will be suitably managed in conjunction with the pipeline operator to ensure they are not significant.</p> | <p><b>ES Chapter 17 (Volume 6.2) [APP-044]</b></p>  |
| <b>NPS EN-1: 4.13.1 – 4.13.5</b> | <p>The ES should assess and identify any impacts on human health and propose mitigation measures as necessary.</p> <p>Elements of energy infrastructure which may negatively affect</p>             | <p><b>Chapter 16: Health (Volume 6.2) [APP-043]</b> of the ES provides an assessment of the health impacts of the Proposed Development, focusing on effects on the population, including vulnerable groups, rather than individuals. The health impacts considered include (<i>inter alia</i>):</p>  | <p><b>ES Chapter 16 (Volume 6.2) [APP-043]</b></p> <p><b>Planning Statement (Volume 7.1) [APP-091].</b></p> |



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|--------------|--|---|----------------------|
|              | <p>human health are unlikely to be a reason for refusal under the 2008 Act since they are generally subject to separate regulations.</p> | <ul style="list-style-type: none"> <li>• economic impacts (including jobs creation) during construction and operation of the Proposed Development;</li> <li>• impacts on healthcare facilities during construction of the Proposed Development;</li> <li>• severance during construction and operation of the Proposed Development;</li> <li>• perceptions of risk affecting health and wellbeing;</li> <li>• noise and vibration effects arising from the construction and operation of the Proposed Development;</li> <li>• emissions to air arising from the construction and operation of the Proposed Development; and</li> <li>• EMFs.</li> </ul> |                      |
|              |  | <p>The assessment has been informed by the other environmental topic chapters of the ES, as appropriate. It has taken into account measures embedded into the design of the Proposed Development to mitigate health impacts including (<i>inter alia</i>):</p> <ul style="list-style-type: none"> <li>• implementation of the <b>Outline CEMP (Volume 7.12) [APP-103]</b> submitted with the DCO Application;</li> </ul>  |                      |



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|--------------|--|--|----------------------|
|              |  | <ul style="list-style-type: none"> <li>• optimisation of chimney heights to ensure adequate dispersion of emissions from the EfW CHP Facility;</li> <li>• implementation of selective non-catalytic reduction (SNCR) within the furnace to reduce emissions to air;</li> <li>• transport, handling and processing of waste in enclosed buildings and covered vehicles and implementation of the <b>Outline Odour Management Plan (Volume 7.11) [APP-102]</b> to avoid odour effects;</li> <li>• implementation of the <b>Outline Employment and Skills Strategy (Volume 7.8) [APP-099]</b> submitted with the DCO Application to maximise the use of, and upskill, the local workforce; and</li> <li>• provision of an acoustic fence to 10 New Bridge Lane.</li> </ul> <p>The assessment identifies the potential for moderate and probably significant beneficial effects on the local economically active population arising from the creation of temporary direct and indirect employment opportunities during</p> |                      |



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|              |  | <p>construction of the Proposed Development.</p> <p>Significant adverse effects are identified in respect of severance during construction and operation associated with increased HGV movements, although proposals for a new pedestrian crossing (see <b>Section 4.15</b>) reduce the residual effect to not significant.</p> <p>The assessment identifies the potential for major and significant negative health effects on residential and non-residential Receptors due to noise impacts during construction; however, with mitigation (see <b>Section 4.13</b>) the residual effect is reduced to not significant. Noise arising from the operation of the proposed EfW CHP Facility is also assessed as having a significant negative health effect at the nearest dwellings at 9 and 10 New Bridge Lane. However, the assessment confirms that with the implementation of additional mitigation measures (see <b>Section 4.13</b>), impacts will again be reduced such that the resultant effects are not significant. Further, the assessment concludes that, given the number of dwellings involved,</p> |                      |



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|                           |  | <p>operational noise will not impact on health within the wider population, including vulnerable groups.</p> <p>No further significant health effects have been identified in the health assessment presented at <b>Chapter 16: Health (Volume 6.2) [APP-043]</b> of the ES.</p> <p>The findings of <b>Chapter 16: Health (Volume 6.2) [APP-043]</b> of the ES have informed <b>Sections 4.4 to 4.18</b> of the <b>Planning Statement (Volume 7.1) [APP-091]</b>, as appropriate.</p>                                 |  |
| NPS EN-1: 4.14.1 - 4.14.3 | <p>Applicants must demonstrate that they have considered potential sources of nuisance under Section 79(1) of the Environmental Protection Act 1990 and must propose appropriate mitigation at the submission stage to demonstrate that appropriate requirements can be included in a DCO.</p> | <p>A <b>Statement of Statutory Nuisance (Volume 5.2) [APP-024]</b> has been prepared which considers possible sources of nuisance arising from the Proposed Development and how they may be mitigated or limited under the provisions of section 79(1) of the Environmental Protection Act 1990.</p> <p>Possible sources of nuisance considered in the <b>Statement of Statutory Nuisance (Volume 5.2) [APP-024]</b> include emissions to air, noise and artificial lighting associated with the construction and</p> | <p><b>Statement of Statutory Nuisance (Volume 5.2) [APP-024]</b><br/> <b>ES Chapter 7 (Volume 6.2) [APP-034]</b><br/> <b>ES Chapter 8 (Volume 6.2) [APP-035]</b><br/> <b>ES Chapter 9 (Volume 6.2) [APP-036]</b></p> |



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|   |   | <p>operation of the Proposed Development. It concludes that embedded mitigation measures will prevent impacts which are considered to have the potential to result in statutory nuisance under section 79(1) of the Environmental Protection Act 1990. Further, operation of the Proposed Development in terms of emissions to air will be regulated by the EA through the environmental permitting regime.</p> <p>The ES includes an assessment of the effects of the Proposed Development on air quality (<b>Chapter 8: Air Quality</b>), noise (<b>Chapter 7: Noise and Vibration</b>) and visual amenity (<b>Chapter 9: Landscape and Visual</b>) (all <b>Volume 6.2</b>). <b>Chapter 16: Health (Volume 6.2) [APP-043]</b> of the ES, meanwhile, presents an assessment of the effects of the Proposed Development on human health. The findings of the ES have informed <b>Sections 4.4 to 4.18</b> of the <b>Planning Statement (Volume 7.1) [APP-091]</b>.</p> | <p><b>ES Chapter 16 (Volume 6.2) [APP-043]</b></p> <p><b>Planning Statement (Volume 7.1) [APP-091]</b>.</p> |
| <p><b>NPS EN-1: 4.15.1 – 4.15.5</b></p> | <p>National security considerations may be required where a proposed development involves potentially critical infrastructure. The Centre for the Protection of National Infrastructure and the</p> | <p>The Proposed Development includes a range of security measures. These measures are detailed in <b>Chapter 3: Description of the Proposed Development (Volume 6.2) [APP-030]</b> of</p>  | <p><b>ES Chapter 3 (Volume 6.2) [APP-030]</b></p>   |



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|  | Office for Civil Nuclear Safety are responsible for confirming to the SoS that security issues have been adequately assessed.   | <p>the ES, the <b>Design and Access Statement (Volume 7.5) [APP-096]</b> and the <b>Outline CEMP (Volume 7.12) [APP-103]</b> and include (<i>inter alia</i>):</p> <ul style="list-style-type: none"> <li>• security fencing along the boundary of the EfW CHP Facility Site and the TCC;</li> <li>• installation of security lighting and CCTV at the EfW CHP Facility Site;</li> <li>• installation of remote cameras at the TCC during construction;</li> <li>• operation of s shift team outside of operational hours at the EfW CHP Facility;</li> <li>• control of access and egress from the EfW CHP Facility Site and TCC during construction and operation;</li> <li>• attendance of security personnel on-site during the construction phase; and</li> <li>• development of Safety and Security Plans for the construction site.</li> </ul> | <p><b>Design and Access Statement (Volume 7.5) [APP-096]</b></p> <p><b>Outline CEMP (Volume 7.12) [APP-103]</b></p> |
| <p><b>NPS EN-1: 5.2.1 - 5.2.13</b></p> | <p><u>Applicant's Assessment</u><br/>The ES should include an assessment of effects on air quality where the proposed development is likely to have an adverse effect on air quality.</p> | <p>The Applicant has undertaken an assessment of the effects arising from the construction and operation of the Proposed Development upon air quality. The results are presented within <b>ES Chapter 8 Air Quality (Volume 6.2) [AP-035]</b>. The assessment concludes that effects would</p>   | <p><b>ES Chapter 8 Air Quality (Volume 6.2) [AP-035]</b>.</p>   |





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|  | <p><u>Decision Making</u><br/>Air quality considerations will generally be given substantial weight by the SoS in decision making where a proposed development would lead to a deterioration in air quality or cause national air quality limits to be breached in a particular area. Where necessary, mitigation measures will need to be considered for construction and operational emissions.</p>           | <p>not lead to significant effects upon sensitive Receptors which are defined as industrial and residential Receptors and biodiversity sites (Table 8.35 Summary of significant effects). Table 8.36 Summary of environmental measures to be implemented relating to air quality sets out the environmental measures identified to mitigate effects together with the responsibility for implementation and proposed compliance mechanism.</p>   |   |
| <p><b>NPS EN-1: 5.3.1 – 5.3.20</b></p> | <p><u>Applicant's Assessment</u><br/>The ES should clearly describe impacts on:</p> <ul style="list-style-type: none"> <li>• internationally, nationally and locally designated sites of ecological or geological conservation importance;</li> <li>• protected species; and</li> <li>• habitats and other species identified as being of principal importance for the conservation of biodiversity.</li> </ul> | <p>The Applicant has undertaken an assessment of the effects arising from the construction and operation of the Proposed Development upon internationally, nationally and locally designated sites of ecological importance. No sites identified for geological importance have been identified within the relevant study area (see <b>ES Chapter 13 Geology, Hydrogeology and Contaminated Land, (Volume 6.2) [APP-040]</b>. Paragraph 13.5.11 which states that '<i>There are no Regionally Important Geological and Geomorphological Sites (RIGS) or Locally Important Geological Sites (LIGS) located within the EfW CHP Facility Site, Access</i></p> | <p><b>ES Chapter 13 Geology, Hydrogeology and Contaminated Land, (Volume 6.2) [APP-040]</b></p> <p><b>ES Chapter 11 Biodiversity (Volume 6.2) [AS-008].</b></p> <p><b>ES Chapter 11 Biodiversity Appendix 11M Biodiversity Net Gain</b></p> |



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|              | <p>The ES should demonstrate how opportunities to conserve and enhance biodiversity and geological conservation interests have been optimised. Appropriate mitigation measures should be included within the proposed development to demonstrate that:</p> <ul style="list-style-type: none"> <li>• construction activities will be confined to the minimum areas required for the works;</li> <li>• best practice will be applied to minimise the risk of disturbance or damage to species or habitats during construction;</li> <li>• habitats will be restored after construction where practicable; and</li> <li>• existing habitats will be enhanced and new habitats created within landscaping proposals where opportunities exist.</li> </ul> <p><u>Decision Making</u><br/>The SoS must ensure that appropriate weight is attached to:</p> | <p><i>Improvements, CHP Connection, TCC and Water Connections</i>'.</p> <p>The results of the ecological assessment are presented within <b>ES Chapter 11 Biodiversity (Volume 6.2) [AS-008]</b>. The assessment concludes in Table 11.15 Summary of significant effects that effects upon the Nene Washes Ramsar, SPA and SAC and the Ouse Washes Ramsar, SPA and SAC internationally designated sites would not lead to significant effects. There are no statutory nature conservation sites of national/local importance within the 5km Study Area. The River Nene is a non-statutory County Wildlife Site. Effects upon it would not be significant.</p> <p>Table 11.13 Summary of the embedded environmental measures describes the proposed mitigations and how these influence the biodiversity assessment. The table summarises the measures taken to optimise the layout of the Proposed Development to avoid important habitats where possible and the best practice to be secured to minimise disturbance. The Applicant has designed a landscaping strategy which seeks to maximise</p> | <p>Rev2 (Volume 6.2) [AS-009]</p> |



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|  | <p>designated sites of international, national and local importance; protected species; habitats and other species of principal importance for the conservation of biodiversity; and to biodiversity and geological interests within the wider environment.</p>  | <p>biodiversity and it has also committed to achieving Biodiversity Net Gain (ref <b>ES Chapter 11 Biodiversity Appendix 11M Biodiversity Net Gain Rev2 (Volume 6.2) [AS-009]</b>).</p> <p>The Applicant's commitment to deliver biodiversity, landscape and ecological mitigation are secured by <b>Draft DCO Requirements 4, 5 and 6 (Volume 3.1) [APP-013]</b>.</p>  |   |
| <p><b>NPS EN-1: 5.4.1 – 5.4.21</b></p> | <p><b>– Applicant's Assessment</b><br/>Where the proposed development is likely to have an impact on civil/military aviation or other defence assets, an assessment of potential effects should be set out in the ES. In preparing this assessment, the applicant should consult the Ministry of Defence (MoD), Civil Aviation Authority (CAA), NATS and any aerodrome likely to be affected. The assessment should consider the potential impacts upon the operation of communications, navigation and surveillance (CNS) infrastructure, flight (civil and military) patterns and other defence assets and aerodrome</p> | <p>The Applicant consulted with the Ministry of Defence (MoD), Civil Aviation Authority (CAA), NATS and relevant aerodromes.</p> <p>The MOD responded at Scoping and was reconsulted via email on 5 May 2021 when it confirmed its agreement to a DCO requirement for a static infra-red light to be placed on both chimneys and for the Applicant to provide the MOD with specific details regarding the Proposed Development (see Table 3A.2 Summary of additional engagement regarding the description of the Proposed Development) <b>ES Chapter 3 Description of the Proposed Development Appendix 3A Consultation and stakeholder engagement (Volume 6.4) [APP-070]</b></p> | <p><b>ES Chapter 3 Description of the Proposed Development Appendix 3A Consultation and stakeholder engagement (Volume 6.4) [APP-070]</b></p> |



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|              | <p>operational procedures. The assessment should also consider cumulative effects with other relevant projects.</p> <p><u>Decision Making</u><br/>The SoS should be satisfied that the effects on civil and military aerodromes, aviation technical sites and other defence assets have been addressed and that any necessary assessment of the proposal on aviation or defence interests has been carried out.</p> <p>Development consent should not be granted where the development would:</p> <ul style="list-style-type: none"> <li>• prevent an aerodrome from maintaining its licence;</li> <li>• result in harm to aerodromes which outweigh the benefits;</li> <li>• significantly impede or compromise the safe and effective use of defence assets or limit military training; or</li> </ul> | <p>NATS responded to the Applicant's scoping request to state that the Proposed Development does not conflict with its safeguarding criteria and that it had no objection to the proposal. This was confirmed within its S42 response to statutory consultation via an email dated 06 July 2021.</p> <p>The CAA was consulted at ES Scoping and at non-statutory and statutory consultation. No responses were received.</p> |                      |



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| NPS EN-1: 5.6.1 – 5.6.11 | <p>impact on the safe and efficient provision of en-route air traffic control services for civil aviation.</p> <p><u>Applicant's Assessment</u><br/>The ES should include an assessment of the potential for insect infestation and the potential impacts of emissions of odour, dust, steam, smoke and artificial light arising from the proposed development.</p> <p>Where necessary, mitigation measures should be included as part of any proposed development including:</p> <ul style="list-style-type: none"> <li>• engineering - prevention of a specific emission at the point of generation; control, containment and abatement of emissions if generated;</li> <li>• lay-out - adequate distance between source and sensitive receptors and reduced transport or handling of material; and</li> <li>• administrative - limiting operating times, restricting</li> </ul> | <p>The Applicant has considered the potential for insect infestation. <b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b> paragraph 3.5.47 sets out the measures to monitor and control pests.</p> <p>The design measures to address emissions of odour are set out within the same chapter at paragraph 3.4.6 whilst the Applicant has also prepared an <b>Outline Odour Management Plan (Volume 7.11) [APP-102]</b>, secured by <b>Draft DCO Requirement 16 (Volume 3.1) [APP-013]</b>. Dust, steam and smoke is addressed within <b>ES Chapter 8 Air Quality (Volume 6.2) [APP-035]</b> which sets out mitigation measures at Table 8.17 Summary of embedded environmental measures and how these influence the air quality assessment.</p> <p>Artificial light would be controlled via <b>ES Chapter 3 description of the Proposed Development Appendix 3B Outline Lighting Strategy (Volume 6.4) [APP-</b></p> | <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b></p> <p><b>Outline Odour Management Plan (Volume 7.11) [APP-102]</b></p> <p><b>ES Chapter 8 Air Quality (Volume 6.2) [APP-035]</b></p> <p><b>ES Chapter 3 description of the Proposed Development Appendix 3B Outline Lighting Strategy (Volume 6.4) [APP-071].</b></p> |



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|  | <p>activities allowed on the site, implementing management plans.</p> <p><u>Decision Making</u><br/>The SoS should be satisfied that an assessment of the potential for artificial light, dust, odour, smoke, steam and insect infestation to have a detrimental impact on amenity has been carried out and that all reasonable steps have been taken, and will be taken, to minimise any such detrimental impacts.</p>          | <p><b>071] secured by Draft DCO Requirement 18 (Volume 3.1) [APP-013].</b></p> <p>Additional measures to control emissions created during construction are set out within the <b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103], secured by Draft DCO Requirement 10 (Volume 3.1) [APP-013].</b></p>  | <p><b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b></p> |
| <p><b>NPS EN-1: 5.7.1 – 5.7.25</b></p> | <p><u>Applicant's Assessment</u><br/>A Flood Risk Assessment (FRA), setting out and assessing the risks from all forms of flooding to and from the proposed development, and outlining any necessary mitigation or management measures, will be required. Applicants should undertake pre-application consultation with the EA and other relevant bodies where projects are likely to be affected by, or add to, flood risk.</p> | <p>The Applicant has prepared an FRA which is submitted as <b>ES Chapter 12 Hydrology Appendix 12A FRA (Volume 6.4) [APP-084]</b>. This document includes for appropriate mitigation and management and was prepared in consultation with the EA and relevant bodies which include the lead flood officers and internal drainage boards as summarised with paragraph 1.4.2.</p> <p>The FRA sets out the sequential and exception tests which were applied and satisfied in accordance with relevant national policy and guidance.</p> | <p><b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b></p> |



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|  | <p><u>Decision Making</u><br/>The SoS should not grant development consent in Flood Zone 2 unless they are satisfied that the sequential test has been met for the proposed development. The SoS should not consent development in Flood Zone 3 unless they are satisfied that the Sequential and Exception Test requirements have been met.</p>  | <p>The Applicant's commitment to suitably manage flood risk and surface water drainage matters is secured by <b>Draft DCO Requirement 8 (Volume 3.1) [APP-013]</b>.</p>   |  |
| <p><b>NPS EN-1: 5.8.1 – 5.8.22</b></p> | <p><u>Applicant's Assessment</u><br/>The ES should provide a description of the significance of the heritage assets affected by the proposed development and the contribution of their setting to that significance.</p> <p>Where available evidence suggests that the development may potentially include assets of archaeological interest, then a desk-based assessment should be carried out. Where the proposed development will affect the setting of a heritage asset, representative visualisations may</p> | <p>The Applicant has described the significance of heritage assets and the contribution of settings to that significance within <b>ES Chapter 10 Historic Environment (Volume 6.2) [APP-037]</b> at <b>Section 10.5</b> Baseline. It has also prepared a <b>Gazetteer of Heritage Assets as Appendix 10A (Volume 6.4) [APP-080]</b>.</p> <p>A desk-based assessment of archaeology has been undertaken and is included as <b>Appendix 10B Archaeology Desk Study (Volume 6.4) [APP-080]</b>.</p> <p>The assessment reported within the Chapter undertakes an environmental assessment of historic environment effects</p> | <p><b>ES Chapter 10 Historic Environment (Volume 6.2) [APP-037]</b></p> <p><b>Gazetteer of Heritage Assets as Appendix 10A (Volume 6.4) [APP-080]</b></p> <p><b>Appendix 10B Archaeology Desk Study (Volume 6.4) [APP-080]</b></p> |



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|              | <p>be necessary to explain the impact.</p> <p>The application documents should clearly set out the level of impact on the significance of any affected heritage assets.</p> <p><u>Decision Making</u><br/>The SoS should seek to identify and assess the particular significance of any heritage asset that may be affected by a proposed development, including by development affecting the setting of a heritage asset.</p> <p>There should be a presumption in favour of the conservation of designated heritage assets and the more significant the designated heritage asset, the greater the presumption in favour of its conservation should be.</p> <p>When considering applications for development affecting the setting of a designated heritage asset,</p> | <p>and concludes that these would not be significant.</p> <p>When preparing the detailed CEMP, secured by <b>Draft DCO Requirement 10 (Volume 3.1) [APP-013]</b>, the Applicant commits to preparing an Archaeological Written Scheme of Investigation (WSI) and thereafter implementing it.</p> |                      |





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|                                 | <p>the SoS should treat favourably applications that preserve those elements of the setting.</p> <p>When considering applications that do not do this, the SoS should weigh any negative effects against the wider benefits of the application.</p> <p>Where the loss of the whole or a material part of a heritage asset's significance is justified, the SoS should require the developer to record and advance understanding of the significance of the heritage asset before it is lost.</p> |  |  |
| <b>NPS EN-1: 5.9.1 – 5.9.23</b> | <p><b>– Applicant's Assessment</b></p> <p>The ES should contain a landscape and visual assessment which identifies the impact of the proposed development (during construction and operation) on landscape components and character and visual amenity.</p> <p>Adverse landscape and visual effects may be minimised through</p>   | <p>The Applicant has undertaken a landscape and visual assessment which is reported in <b>ES Chapter 9 Landscape and Visual (Volume 6.2) [APP-036]</b>. This considers the construction and operation of the Proposed Development and its potential to affect landscape components, character and visual amenity. There are no national or local landscape designations with the potential to be affected. <b>Section 9.7</b> sets out the embedded environmental measures which include limits to lighting,</p> | <p><b>ES Chapter 9 Landscape and Visual (Volume 6.2) [APP-036]</b></p> <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.3) [APP-049]</b></p> |



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|              | <p>appropriate siting of infrastructure, design and landscaping (including offsite) schemes.</p> <p><u>Decision Making</u><br/>Outside nationally designated areas, effects on local landscapes should be considered. However, local landscape designations should not be used in themselves to refuse consent. The SoS should determine whether any adverse impact on the landscape would be so damaging that it is not offset by the benefits (including need) of the proposed development.</p> <p>The decision maker should ensure applicants have taken into account the landscape and visual impacts of visible plumes from chimney stacks and/or the cooling assembly. It may need to attach requirements to the consent requiring the incorporation of particular design details that are in keeping with the statutory and technical requirements.</p> | <p>the commitment to an <b>Outline Landscape and Ecology Strategy (ES Chapter 3 Figure 3.14 Volume 6.3 APP-049)</b> and the removal of expansion loops along the CHP Connection where it would run behind residential properties.</p> <p>Table 9.19 Summary of environmental measures to be implemented – relating to landscape and visual sets out the measure and method of compliance. It references the detailed architectural design which minimising the overall massing of the EfW CHP Facility and the considerations given to external cladding together with measures such as the Outline Lighting Strategy and native planting.</p> <p>The Applicant’s commitment to delivering the design commitments are secured by <b>Draft DCO Requirement 2 (Volume 3.1) [APP-013]</b>.</p> <p>The Applicant’s commitment to deliver biodiversity, landscape and ecological mitigation are secure by <b>Draft DCO Requirements 4, 5 and 6 (Volume 3.1) [APP-013]</b>.</p> |                      |



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|  |   | <p>The Applicant's commitment to deliver a suitable lighting scheme, are secure by <b>Draft DCO Requirement 18 (Volume 3.1) [APP-013]</b>.</p> <p>The extent to which the plume could be viewed is illustrated within <b>ES Chapter 9 Landscape and Visual Figures (Volume 6.3) [APP-053]</b> in Figure 9.6 Visible Plume ZTV. The impacts of the visible plume upon relevant landscape, townscape and visual Receptors are included within the landscape, townscape, and visual assessments of effects in <b>ES Chapter 9 Landscape and Visual Figures Appendices 9G, 9H, 9I, 9J and 9K (all Volume 6.4) [APP-079]</b> summarised in <b>Section 9.9</b> of the chapter.</p> |  |
| <p><b>NPS EN-1: 5.10.1 – 5.10.24</b></p> | <p><u>Applicant's Assessment</u></p> <p>The ES should consider the impacts of the proposed development on existing and proposed uses surrounding the application site including open space.</p> <p>Applicants should seek to minimise impacts on the best and most versatile agricultural land and preferably use land in areas</p> | <p>The Applicant has considered the potential to affect existing and proposed uses within <b>ES Chapter 15 Socio Economic Tourism, Recreation and Land Use (Volume 6.2) [APP-042]</b> whilst consideration of best and most versatile land is addressed in <b>Chapter 13 Geology, Hydrogeology and Contaminated Land (Volume 6.2) [APP-040]</b>.</p>   | <p><b>ES Chapter 15 Socio Economic Tourism, Recreation and Land Use (Volume 6.2) [APP-042]</b></p> <p><b>Chapter 13 Geology, Hydrogeology and Contaminated Land (Volume 6.2) [APP-040]</b></p> |



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|              | <p>of poorer quality except where this would be inconsistent with other sustainability considerations. Applicants should also identify any effects and seek to minimise impacts on soil quality taking into account any mitigation measures proposed.</p> <p>For developments on previously developed land, applicants should ensure that they have considered the risk posed by land contamination.</p> <p><u>Decision Making</u><br/>The SoS should not grant consent for development on existing open space, sports and recreational buildings and land unless an assessment has been undertaken either by the local authority or independently, which has shown the open space or the buildings and land to be surplus to requirements or the SoS determines that the benefits of the proposed development outweigh the potential loss of such facilities.</p> | <p>There is no publicly available open space surrounding the application site and the consideration of land uses concludes that effects upon existing businesses would not be significant. Cumulative effects with future/proposed uses are considered within <b>ES Chapter 18 Cumulative Effects (Volume 6.2) [APP-045]</b>. This reports that effects would not be significant cumulatively.</p> <p><b>Chapter 13 Geology, Hydrogeology and Contaminated Land (Volume 6.2) [APP-040] Table 13.14 Geology, Hydrogeology and Contaminated Land Receptors scoped out of further assessment</b> provide the rationale for scoping consideration out of the assessment such that the Order Limits are limited to areas that are either urban in nature or, where agricultural land is present the area affected is small and allocated for development within the Fenland Local Plan 2014.</p> | <p><b>ES Chapter 18 Cumulative Effects (Volume 6.2) [APP-045]</b></p> |



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|  | <p>The SoS should ensure that applicants do not site schemes on the best and most versatile agricultural land without justification. Little weight should be given to the loss of poorer quality agricultural land (in grades 3b, 4 and 5).</p>   |  |  |
| <p><b>NPS EN-1: 5.11.1 – 5.11.13</b></p> | <p><u>Applicant's Assessment</u><br/>The applicant should include a noise assessment where noise impacts are likely to arise from the proposed development. Good design principles should be applied to minimise adverse noise impacts including: use of quietest cost-effective plant available; containment of noise within buildings wherever possible; optimisation of plant layout to minimise noise emissions; and, where possible, the use of landscaping, bunds or noise barriers to reduce noise transmission.</p> | <p>The Applicant has undertaken a noise and vibration assessment and this is reported within <b>ES Chapter 7 Noise and Vibration (Volume 6.2) [APP-034]</b>. The chapter identifies the good design principles employed to minimise effects and these embedded mitigation measures are described in Table 7.18 Summary of the embedded environmental measures and how these influence the noise and vibration assessment. Measures include construction undertaken within normal working hours, other than in certain defined circumstances, Operations including the delivery of waste between the hours of 0700 to 2000 and the control of emissions from major process buildings through the use of the building fabric and appropriate specification of noise attenuating louvres and vents. Other measures include for the closure of the tipping hall doors when not</p> | <p><b>ES Chapter 7 Noise and Vibration (Volume 6.2) [APP-034]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p> <p><b>ES Chapter 16 Health (Volume 6.2) [APP-043]</b></p> |



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|   | <p><u>Decision Making</u><br/>The SoS should not grant development consent unless satisfied that the proposed development will:</p> <ul style="list-style-type: none"> <li>• avoid significant adverse impacts on health and quality of life from noise;</li> <li>• mitigate and minimise other adverse impacts on health and quality of life from noise; and</li> <li>• where possible, contribute to improvements to health and quality of life through the effective management and control of noise.</li> </ul> | <p>in use and the selection of plant and machinery to control any tonal noise emissions.</p> <p>To avoid significant effects upon the occupiers of 10 New Bridge Lane an acoustic fence is proposed and is secured as Work No.10 to the <b>Draft DCO (Volume 3.1) [APP-013]</b>.</p> <p>The Applicant's commitments to deliver Noise mitigation and monitoring are secured by <b>Requirements 19 of the Draft DCO (Volume 3.1) [APP-013]</b>.</p> <p><b>ES Chapter 16 Health (Volume 6.2) [APP-043]</b> considers the effects arising from the Proposed Development upon health. Using the assessment conclusions reported within Chapter 15 it concludes that effects upon health would not be significant.</p> |  |
| <p><b>NPS EN-1: 5.12.1 – 5.12.9</b></p> | <p><u>Applicant's Assessment</u><br/>The ES should contain a socio-economic assessment where the proposed development is likely to have a significant socio-economic impact at the local and/or regional level. The assessment should</p>   | <p>The Applicant has considered the potential to affect socio-economics at the local and regional scale within <b>ES Chapter 15 Socio Economic Tourism, Recreation and Land Use (Volume 6.2) [APP-042]</b>. <b>Section 15.6</b> confirms the Receptors scoped into the assessment and these</p>  | <p><b>ES Chapter 15 Socio Economic Tourism, Recreation and Land Use (Volume 6.2) [APP-042]</b></p> |



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|              | <p>cover all relevant socio-economic impacts including: jobs and training opportunities; local service provision; local infrastructure provision; education facilities; tourism; and cumulative effects.</p> <p><u>Decision Making</u><br/>The SoS should have regard to the potential socio-economic impacts of new energy infrastructure.</p> | <p>include jobs (direct and indirect), training, including education, local supply chains/services and local infrastructure provision. It reports upon the Secretary of State's Scoping opinion which confirmed that the direct effects arising from tourism during construction and operation and the demand for housing, local services and community facilities during operation could be scoped out of the assessment (see <b>Section 15.6</b>). Indirect tourism effects and recreation have remained within scope whilst cumulative effects are reported within <b>ES Chapter 18 Cumulative Effects (Volume 6.2) [APP-045]</b>.</p> <p>The assessment reported in <b>Chapter 15</b> concludes that there would be no significant adverse effects with significant positive effects during the construction of the Proposed Development upon employment (direct and indirect at the ward and district level), local suppliers (ward and district).</p> <p>The Applicant has prepared an <b>Outline Employment and Skills Strategy (Volume 7.8) [APP-098]</b>, with the detailed strategy secured by <b>Draft DCO Requirement 21 (Volume 3.1) [APP-</b></p> | <p><b>ES Chapter 18 Cumulative Effects (Volume 6.2) [APP-045]</b></p> <p><b>Outline Employment and Skills Strategy (Volume 7.8) [APP-098]</b></p> <p><b>Outline Community Benefits Strategy (Volume 7.14) [APP-105]</b></p> |



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| NPS EN-1: 5.13.1 – 5.13.12 | <p data-bbox="535 501 875 528"><u>Applicant's Assessment</u></p> <p data-bbox="535 539 1016 831">The ES should contain a transport assessment where the proposed development is likely to have significant transport implications. Applicants should consult with the Highways Authorities and Highways Agencies on the assessment and mitigation.</p> <p data-bbox="535 874 1016 1310">Applicants should prepare a travel plan where appropriate, including demand management measures to mitigate transport impacts and details of proposed measures to improve access by non-car modes to reduce the need for parking and reduce transport impacts. Water-borne or rail transport is preferred over road transport at all stages of the project, where cost-effective.</p> <p data-bbox="535 1353 770 1385"><u>Decision Making</u></p> | <p data-bbox="1043 284 1641 427">013]and <b>Outline Community Benefits Strategy (Volume 7.14) [APP-105]</b>, to be prepared and published on the Applicant's website.</p> <p data-bbox="1043 501 1641 943">The Applicant has prepared a transport assessment as an appendix to the <b>ES Chapter 6 Traffic and Transport (Volume 6.2) [APP-033]</b>. This is <b>ES Chapter 6 Appendix 6B Transport Assessment (Volume 6.4) [APP-073]</b>. The transport assessment was prepared in consultation with CCC, NCC and National Highways the extent to which is set out within <b>ES Chapter 6 Traffic and Transport Appendix 6D Stakeholder Consultation (Volume 6.4) [APP-075]</b>.</p> <p data-bbox="1043 986 1641 1385">The Applicant has prepared <b>ES Chapter 6 Appendix 6A Outline Construction Traffic Management Plan (Volume 6.4) [APP-072]</b> and <b>ES Chapter 6 Appendix 6C Outline Operational Travel Plan (Volume 6.4) [APP-074]</b>. Both documents set out measures to reduce the number of vehicles required to access the Proposed Development and identify existing arrangements for public transport. The Applicant also proposes to extend the</p> | <p data-bbox="1671 501 1998 644"><b>ES Chapter 6 Traffic and Transport (Volume 6.2) [APP-033]</b></p> <p data-bbox="1671 687 1998 868"><b>ES Chapter 6 Appendix 6B Transport Assessment (Volume 6.4) [APP-073]</b></p> <p data-bbox="1671 911 1998 1161"><b>ES Chapter 6 Traffic and Transport Appendix 6D Stakeholder Consultation (Volume 6.4) [APP-075]</b></p> <p data-bbox="1671 1204 1998 1422"><b>ES Chapter 6 Appendix 6A Outline Construction Traffic Management Plan (Volume 6.4) [APP-072]</b></p> |





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|              | <p>The SoS should ensure that the applicant has sought to mitigate impacts arising from proposals on transport infrastructure.</p> <p>Provided that the applicant is willing to enter into planning obligations or requirements can be imposed to mitigate transport impacts, then development consent should not be withheld, and appropriately limited weight should be applied to residual effects on the surrounding transport infrastructure. Requirements may include controlling the numbers of HGV, routing, providing sufficient parking to avoid queuing on approach roads and arrangements for dealing with reasonably foreseeable abnormal disruption.</p> | <p>existing footpath and street lighting along New Bridge Lane to aid pedestrians.</p> <p>Water-borne and rail transport is not available although the Applicant has set aside land within the EfW CHP Facility Site to accommodate a future railway siding and bridge embankment should the disused March to Wisbech Railway re-open and they be required.</p> <p>The <b>Outline CTMP and Outline Operational Traffic Management Plan (Volume 7.15) [APP-106]</b> (the former referenced above) include for restrictions to the routing of HGVs whilst sufficient parking including the provision of queuing lanes within the site for HGVs delivering to the EfW CHP Facility have been provided within the layout. Consideration has been given to the delivery of components via abnormal loads within the Outline CTMP whilst this document also includes a commitment by the Applicant to provide advanced warning of works that may potentially affect the highway to the relevant highway authorities and service providers such as the emergency services.</p> | <p><b>ES Chapter 6 Appendix 6C Outline Operational Travel Plan (Volume 6.4) [APP-074]</b></p> <p><b>ES Chapter 6 Traffic and Transport Appendix 6D Stakeholder Consultation (Volume 6.4) [APP-075]</b></p> |



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|                                  |   | <p>The Applicant's traffic and transported related commitments are secured by the following <b>Draft DCO Requirements (Volume 3.1) [APP-013]</b>:</p> <ul style="list-style-type: none"> <li>• Requirement 7 – Highway Access;</li> <li>• Requirement 10 – Construction Environmental Management Plan;</li> <li>• Requirement 11 – Construction Traffic Management Plan;</li> <li>• Requirement 12 – Operational Traffic Management Plan; and</li> <li>• Requirement 15 Operational Travel Plan.</li> </ul> <p>Detailed arrangements with the relevant highways authority to secure the proposed New Bridge Lane Access Improvements are to be secured by a Section 278 Agreement with CCC. The Applicant will provide status updates on these discussions during the Examination.</p> |  |
| <b>NPS EN-1: 5.14.1 - 5.14.9</b> | <u>Applicant's Assessment</u><br>Applicants should prepare a Site Waste Management Plan (SWMP) detailing the proposed waste recovery and disposal | The Applicant sets out how waste will be managed during construction and operation within <b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b> at  | <b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b> |



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|  | <p>system for all waste generated by the development, and an assessment of the impact of the waste arising from development on the capacity of waste management facilities to deal with other waste arising in the area for at least five years of operation.</p> <p>Where the proposed development will be subject to the Environmental Permitting regime, waste management arrangements during operations will be covered by the permit and the considerations set out in Section 4.10 of NPS-EN1 will apply.</p> <p><u>Decision Making</u><br/>The SoS should consider the extent to which the applicant has proposed an effective system for managing hazardous and non-hazardous waste arising from the construction, operation and decommissioning of the proposed development.</p> | <p>pages 52 (operation) and 69 (construction).</p> <p>The Proposed Development will require an Environmental Permit. The Applicant applied to the Environment Agency for an Environmental Permit for the EfW CHP Facility on the 5 August 2022. In response to the ExA's First Written Question EIA.1.2, a progress update will be provided at Deadline 2 (24 March 2023).</p> |   |
| <p><b>NPS EN-1: 5.15.1 - 5.15.10</b></p> | <p>- <u>Applicant's Assessment</u></p>  | <p>The Applicant has undertaken an assessment of the effects arising from the</p>  | <p><b>ES Chapter 3 Description of the</b></p> |



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|              | <p>The ES should contain an assessment of water quality and resources where the proposed development is likely to impact on the water environment. This assessment should describe:</p> <ul style="list-style-type: none"> <li>• impacts on water quality, noting any relevant existing discharges, proposed new discharges and proposed changes to discharges;</li> <li>• impacts on water resources, noting proposed changes to abstraction rates;</li> <li>• existing physical characteristics of the water environment and any impact of physical modifications to these characteristics; and</li> <li>• impacts on water bodies or protected areas under the Water Framework Directive (WFD) and source protection zones (SPZs) around potable groundwater abstractions.</li> </ul> | <p>Proposed Development upon water, including water quality and resources within <b>ES Chapter 12 Hydrology (Volume 6.2) [APP-039]</b>.</p> <p>The baseline conditions are established within <b>Section 12.5</b> with water resources considered in paragraphs 12.5.29 to 12.5.33 and water quality in paragraphs 12.5.34 to 12.5.38. There is one licensed non-public surface water abstraction within the Study Area. Water quality effects during construction on statutory nature conservation sites are scoped from the assessment due to the distance from the Proposed Development together with the embedded mitigation measures proposed.</p> <p>The assessment also considers affects upon water bodies protected under the WFD.</p> <p>The assessment conclusions are set out in Table 12.19 Summary of significance of adverse effects. It concludes that effects upon aquatic environment Receptors resulting from all hydrological effects to include water quality and water resources would not be significant during construction and operation. Other water resource</p> | <p><b>Proposed Development (Volume 6.2) [APP-030]</b></p> <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p> |



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|                              | <p><u>Decision Making</u><br/>The SoS will need to give impacts on the water environment more weight where a project would have an adverse effect on the achievement of the environmental objectives established under the WFD.</p> | <p>Receptors (e.g., Anglian water resources) will also not be significantly affected.</p> <p>Effects upon water quality, for example as a result of sediment laden runoff with embedded mitigation in place would not be significant. Mitigations include for the Materials Management Plan which forms an appendix to the <b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b>.</p> <p>The Applicant's commitment to suitably manage flood risk and surface water drainage matters for the construction and operational phase are secured by <b>Draft DCO Requirement 8, 9 and 10 (Volume 3.1) [APP-013]</b>.</p> |   |
| <b>Draft NPS EN-1: 4.3.5</b> | <p>Opportunities should be taken to mitigate indirect impacts on health by promoting local improvements to encourage health and wellbeing including in respect of potential impacts on vulnerable groups within society.</p>        | <p><b>Chapter 16: Health (Volume 6.2) [APP-043]</b> of the ES provides an assessment of the health impacts of the Proposed Development, focusing on effects on the population, including vulnerable groups, rather than individuals. The health impacts considered include (<i>inter alia</i>):</p> <ul style="list-style-type: none"> <li>• economic impacts (including jobs creation) during construction and operation of the Proposed Development;</li> </ul>   | <p><b>ES Chapter 16 (Volume 6.2) [APP-043]</b></p> <p><b>Outline CEMP (Volume 7.12) [APP-103]</b></p> <p><b>Outline Odour Management Plan (Volume 7.11) [APP-102]</b></p> |



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|              |  | <ul style="list-style-type: none"> <li>• impacts on healthcare facilities during construction of the Proposed Development;</li> <li>• severance during construction and operation of the Proposed Development;</li> <li>• perceptions of risk affecting health and wellbeing;</li> <li>• noise and vibration effects arising from the construction and operation of the Proposed Development;</li> <li>• emissions to air arising from the construction and operation of the Proposed Development; and</li> <li>• EMFs.</li> </ul> <p>The assessment has been informed by the other environmental topic chapters of the ES, as appropriate. It has taken into account measures embedded into the design of the Proposed Development to mitigate health impacts including (<i>inter alia</i>):</p> <ul style="list-style-type: none"> <li>• implementation of the <b>Outline CEMP (Volume 7.12)</b> submitted with the DCO Application;</li> <li>• optimisation of chimney heights to ensure adequate dispersion of emissions from the EfW CHP Facility;</li> </ul> | <p><b>Outline Employment and Skills Strategy (Volume 7.8) [APP-099]</b><br/> <b>Draft DCO (Volume 3.1) [APP-013]</b></p> |



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|              |  | <ul style="list-style-type: none"> <li>• implementation of selective non-catalytic reduction (SNCR) within the furnace to reduce emissions to air;</li> <li>• transport, handling and processing of waste in enclosed buildings and covered vehicles and implementation of the <b>Outline Odour Management Plan (Volume 7.11) [APP-103]</b> to avoid odour effects;</li> <li>• implementation of the <b>Outline Employment and Skills Strategy (Volume 7.8) [APP-099]</b> submitted with the DCO Application to maximise the use of, and upskill, the local workforce; and</li> <li>• provision of an acoustic fence to 10 New Bridge Lane.</li> </ul> <p>The assessment identifies the potential for moderate and probably significant beneficial effects on the local economically active population arising from the creation of temporary direct and indirect employment opportunities during construction of the Proposed Development.</p> |                      |



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|              |  | <p>Significant adverse effects are identified in respect of severance during construction and operation associated with increased HGV movements, although proposals for a new pedestrian crossing reduce the residual effect to not significant.</p> <p>The assessment identifies the potential for major and significant negative health effects on residential and non-residential Receptors due to noise impacts during construction; however, with mitigation the residual effect is reduced to not significant. Noise arising from the operation of the proposed EfW CHP Facility is also assessed as having a significant negative health effect at the nearest dwellings at 9 and 10 New Bridge Lane. However, the assessment confirms that with the implementation of additional mitigation measures, impacts will again be reduced such that the resultant effects are not significant. Further, the assessment concludes that, given the number of dwellings involved, operational noise will not impact on health within the wider population, including vulnerable groups.</p> <p>No further significant health effects have been identified in the health assessment</p> |                      |





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|   |   | <p>presented at <b>Chapter 16: Health (Volume 6.2) [APP-043]</b> of the ES.</p> <p>The aforementioned matters are secured under the <b>Draft DCO (Volume 3.1) [APP-013]</b>:</p> <ul style="list-style-type: none"> <li>• Requirement 10 – CEMP;</li> <li>• Requirement 16 – Odour Management Plan; and</li> <li>• Requirement 21 – Employment and Skills Strategy.</li> </ul>  |   |
| <p><b>Draft NPS EN-1: 4.5.1 – 4.5.4</b></p> | <p>Proposals should seek opportunities to contribute to, and enhance, the natural environment by providing net gains for biodiversity where possible. In addition to delivering biodiversity net gain (BNG), developments may also deliver wider environmental gains relevant to the local area, and to national policy priorities.</p> <p>Applications for development consent should be accompanied by a statement demonstrating how opportunities for delivering</p> | <p>The Proposed Development seeks to provide an overall biodiversity enhancement by delivering BNG. The approach to delivering BNG is outlined in <b>Section 11.10 of ES Chapter 11 Biodiversity Rev 2 (Volume 6.2) [AS-008]</b> and within <b>ES Chapter 11 Biodiversity Appendix 11M Biodiversity net Gain rev 2 (Volume 6.4) [AS-009]</b>.</p> <p>The Applicant's commitment to deliver biodiversity net gain is secure by <b>Draft DCO Requirements 6 (Volume 3.1) [APP-013]</b>.</p> | <p><b>ES Chapter 11 Biodiversity Rev 2 (Volume 6.2) [AS-008]</b></p> <p><b>ES Chapter 11 Biodiversity Appendix 11M Biodiversity net Gain rev 2 (Volume 6.4) [AS-009]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p> |



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|                              | <p>wider environmental net gains have been considered, and,</p> <p>where appropriate, incorporated into the design of the proposed development.</p>                     |   |   |
| <b>Draft NPS EN-1: 4.9.5</b> | <p>In preparing measures to support climate change adaptation, applicants should consider whether nature-based solutions could provide a basis for such adaptation.</p> | <p><b>ES Chapter 14: Climate (Volume 6.2) [APP-041]</b> includes an assessment of the projected impacts of climate change on the Proposed Development during construction, operation and decommissioning. This assessment of climate change resilience is based on UK Climate Projections 18 produced by the Met Office and draws on data from the Third Climate Change Risk Assessment published by the UK Government in January 2022<sup>3</sup> and the latest evidence prepared by the Adaptation Committee presented in the Independent Assessment of UK Climate Risk 2021<sup>4</sup>.</p> <p>The assessment takes account of the</p> | <p><b>ES Chapter 12 (Volume 6.2) [APP-039]</b></p> <p><b>ES Appendix 12A (Volume 6.4) [APP-084]</b></p> <p><b>ES Chapter 14 (Volume 6.2) [APP-041]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p> |

<sup>3</sup> UK Government. UK Climate Change Risk Assessment 2022.

<sup>4</sup> Betts, R.A. and Brown, K, (2021). Introduction. In: *The Third UK Climate Change Risk Assessment Technical Report* [Betts, R.A., Haward, A.B. and Pearson, K.V.(eds.)]. Prepared for the Climate Change Committee, London.



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|              |  | <p>design measures built into the Proposed Development to ensure climate resilience. These measures include:</p> <ul style="list-style-type: none"> <li>• design of Proposed Development to be resilient to current weather impacts;</li> <li>• implementation of a flexible construction programme to integrate extreme weather-related delays and allow flexibility of timings of critical activities;</li> <li>• a requirement for contractors to sign up for short to medium range weather forecasting alerts;</li> <li>• installation of lightning protection systems where required;</li> <li>• design of Proposed Development to give consideration to climate change adaptation in line with relevant standards and future climate;</li> <li>• measures to reduce the impact of extreme weather on construction;</li> <li>• design of the drainage systems to include consideration for resilience to climate change;</li> <li>• protection of the waste bunker against groundwater ingress and uplift;</li> </ul> |                      |



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|              |  | <ul style="list-style-type: none"> <li>• use of climate suitable species in landscape planting; and</li> <li>• reduction in the reliance on potable water to be implemented e.g., rainwater harvesting.</li> </ul> <p data-bbox="1043 552 1644 727">On the basis of the measures embedded into the design of the Proposed Development, the climate change resilience assessment concludes that there would be no significant effects.</p> <p data-bbox="1043 772 1644 1062">The effects of climate change are additionally considered (as appropriate) in other ES environmental topic chapters. This includes the assessment of hydrological impacts in <b>ES Chapter 12: Hydrology (Volume 6.2) [APP-039]</b> which has been informed by an <b>FRA (Appendix 12A: FRA (Volume 6.4) [APP-084])</b>.</p> <p data-bbox="1043 1107 1644 1318">The Applicant's commitment to suitably manage climate change impacts associated with and flood risk and surface water drainage and landscape planting are secured by <b>Draft DCO Requirement 5 and 8 (Volume 3.1) [APP-013]</b>.</p> |                      |



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| Draft NPS EN-1: 5.3.1 – 5.3.10 | <p data-bbox="535 285 1016 464"><u>Applicant's Assessment</u><br/>Proposals for energy infrastructure projects should include a carbon assessment as part of the ES.</p> <p data-bbox="535 507 1016 836">Applicants should look for opportunities to embed nature-based or technological solutions to mitigate or offset the emissions of construction and decommissioning. Steps taken to minimise and offset emissions should be set out in a GHG Reduction Strategy.</p> <p data-bbox="535 879 1016 1315"><u>Decision Making</u><br/>The SoS must be satisfied that the applicant has, as far as possible, assessed the GHG emissions of all stages of the development. The SoS should also give positive weight to projects that embed nature-based or technological processes to mitigate or offset the emissions of construction and decommissioning within the proposed development.</p> | <p data-bbox="1043 285 1637 983"><b>ES Chapter 14: Climate (Volume 6.2) [APP-041]</b> includes a carbon assessment of the Proposed Development during its construction, operation and decommissioning. The Applicant has identified and embedded measures to reduce emissions and these are reported within the ES chapter at Table 14.15 Summary of the embedded environmental measures and how these have influenced the climate assessment. Measures include the fact that the EfW CHP Facility has been designed with CHP and that land has been set aside for carbon capture. In addition to the measures set out in the table, the Applicant is proposing brown roofs to the Administration building and Weighbridge, rainwater harvesting and grey water recycling and the use of SUDs.</p> <p data-bbox="1043 1026 1637 1203">The EfW CHP Facility will be constructed to achieve a minimum BREEAM rating of 'Good', except for the administration building where the minimum rating will be 'Excellent'.</p> <p data-bbox="1043 1246 1637 1390">The Applicant's commitment to delivering the design commitments are secured by <b>Draft DCO Requirement 2 (Volume 3.1) [APP-013]</b>.</p> | <p data-bbox="1671 285 1998 392"><b>ES Chapter 14: Climate (Volume 6.2) [APP-041]</b></p> <p data-bbox="1671 435 1998 501"><b>Draft DCO (Volume 3.1) [APP-013]</b>.</p> |



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|  | <p>In light of the vital role energy infrastructure plays in the process of economy wide decarbonisation, the SoS accepts that there are likely to be some residual emissions from construction and decommissioning of energy infrastructure. Government has determined that operational GHG emissions are not reasons to prohibit the consenting of energy projects and the SoS does not need to assess individual applications for planning consent against operational carbon emissions and their contribution to carbon budgets, net zero and the UK's international climate commitments.</p> | <p>At Deadline 1, the Applicant will submit an updated Draft DCO to include additional Requirements to ensure part of the EfW CHP Facility Site is retained for use for Carbon Capture Storage and Export (Requirement 22), and to investigate biannually the feasibility of carbon capture technology for delivery at the EfW CHP Facility Site (Requirement 23)</p>  |  |
| <p><b>Draft NPS EN-1: 5.4.4 – 5.4.5; 5.4.14; 5.4.16; 5.4.19; 5.4.21 – 5.4.22</b></p> | <p><u>Applicant's Assessment</u><br/>The design process should embed opportunities for nature inclusive design, taking into account wider ecosystem services and the benefits of natural capital. Applicants are encouraged to consider how their proposals can contribute towards BNG, in line with the 25 Year Environment Plan.</p>  | <p>The Proposed Development has sought to minimise the loss of existing biodiversity within the application site and to maximise opportunities for its creation. It has done this by developing on a predominantly previously developed land allocated within the former Cambridgeshire and Peterborough Minerals and Waste Local Plan and current, adopted Fenland Local Plan as a site for waste management. The Grid connection design has evolved to</p> | <p><b>Outline Landscape and Ecology Management Plan (Volume 7.7) [APP-098]</b></p> <p><b>ES Chapter 11 Biodiversity Appendix 11M Biodiversity Net Gain</b></p> |



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|              | <p>Proposals should consider any opportunities to maximise the restoration, creation and enhancement of wider biodiversity. Applicants should consider producing and implementing a Biodiversity Management Strategy and, where appropriate, a Geodiversity Management Strategy</p> <p><u>Decision Making</u><br/>The SoS should have regard to the aims and goals of the 25 Year Environment Plan and any relevant measures and targets. In doing so, the SoS should also take account of the context of the challenge of climate change. The SoS may take account of any such net benefit in cases where it can be demonstrated.</p> | <p>following existing highway land such that it would not cross open countryside and associated habitats.</p> <p>The Applicant's landscape and ecology management strategy seeks to enhance the ecology of the site using native species whilst the <b>Outline Landscape and Ecology Management Plan (Volume 7.7) [APP-098]</b> sets out the measures to ensure that the landscaping is managed with biodiversity to the fore.</p> <p>The Applicant has undertaken a biodiversity net gain calculation using the current methodology and is committed via the <b>ES Chapter 11 Biodiversity Appendix 11M Biodiversity Net Gain Rev 2 (Volume 6.4) [AS-009]</b> document to delivering net gain as a result of the Proposed Development.</p> <p>The EfW CHP Facility will be constructed to achieve a minimum BREEAM rating of 'Good', except for the administration building where the minimum rating will be 'Excellent'.</p> | <p><b>Rev 2 (Volume 6.4) [AS-009]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013].</b></p> |



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| <p><b>Draft NPS EN-1: 5.9.10; 5.9.15 – 5.9.16; 5.9.21; 5.9.26</b></p> | <p><u>Applicant's Assessment</u><br/>Applicants should undertake an assessment of any likely significant heritage impacts. The applicant is encouraged, where opportunities exist, to prepare proposals which can make a positive contribution to the historic environment, and to consider how their scheme takes account of the significance of heritage assets affected. Proposals that preserve those elements of the setting that make a positive contribution to the asset (or which better reveal its significance) should be treated favourably.</p> | <p>The Applicant's commitment to delivering the design commitments are secured by <b>Draft DCO Requirement 2 (Volume 3.1) [APP-013]</b>.</p>   | <p><b>ES Chapter 10 Historic Environment (Volume 6.2) [APP-037]</b></p> <p><b>Gazetteer of Heritage Assets as Appendix 10A (Volume 6.4) [APP-080]</b></p> <p><b>Appendix 10B Archaeology Desk Study (Volume 6.4) [APP-080]</b></p> <p><b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b>.</p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b>.</p> |
|   | <p><u>Decision Making</u><br/>The effect of an application on the significance of a non-designated heritage asset should be taken into account in determining applications.</p>  | <p>The Applicant has described the significance of heritage assets including non-designated assets and the contribution of settings to that significance within <b>ES Chapter 10 Historic Environment (Volume 6.2) [APP-037]</b> at <b>Section 10.5 Baseline</b>. It has also prepared a <b>Gazetteer of Heritage Assets as Appendix 10A (Volume 6.4) [APP-080]</b>.</p> <p>A desk-based assessment of archaeology has been undertaken and is included as <b>Appendix 10B Archaeology Desk Study (Volume 6.4) [APP-080]</b>. Provision will be made for archaeological recording to be completed in accordance with an agreed Written Scheme of Investigation which is secured in the <b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b> and by <b>Draft DCO Requirement 10 (Volume 3.1) [APP-013]</b>.</p> |  |





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|                                      |   | <p>The assessment reported within the Chapter undertakes an environmental assessment of historic environment effects and concludes that these would not be significant.</p>   |  |
| <p><b>Draft NPS 5.10.10</b></p>      | <p><b>EN-1:</b> <u>Applicant's Assessment</u><br/>Applicants should consider how landscapes can be enhanced using landscape management plans.</p> | <p>The Applicant has prepared an Outline Landscape and Ecology Strategy as Figure 3.14 to <b>ES Chapter 3 Description of the Proposed Development (Volume 6.3) [APP-049]</b>. This proposes to introduce landscaping to the EfW CHP Facility frontage to New Bridge Lane which would provide a landscape using native species common in the surrounding area.</p> | <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.3) [APP-049]</b></p>  |
| <p><b>Draft NPS EN-1: 5.11.8</b></p> | <p><u>Applicant's Assessment</u><br/>Applicants are encouraged to develop and implement a Soil Management Plan.</p>                               | <p>The Applicant has prepared a Soil Management Plan as Appendix C to the <b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b>; secured by <b>Draft DCO Requirement 10 (Volume 3.1) [APP-013]</b>.</p>   | <p><b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b>.</p> |
| <p><b>Draft NPS EN-1: 5.12.9</b></p> | <p><u>Decision Making</u><br/>Development must be undertaken in accordance with statutory requirements for noise. Due</p>                         | <p><b>ES Chapter 7 Noise and Vibration (Volume 6.2) [APP-034]</b> references the policy and legislation which has informed the assessment. Table 7.7 summarises the</p>   | <p><b>ES Chapter 7 Noise and Vibration (Volume 6.2) [APP-034]</b></p>  |



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|                               | <p>regard must be given to the relevant sections of the Noise Policy Statement for England (NPSE), the National Planning Policy Framework (NPPF), and the Government's associated planning guidance on noise.</p>                                     | <p>NPSE and the NPPF. It states that the policy requirements of both documents have been considered throughout the assessment and preparation of the environmental statement.</p> <p>Construction noise and dust mitigation is addressed within the Applicant's <b>Outline CEMP (Volume 7.12) [APP-103]</b> and operational noise management measures are secured by <b>Requirement 19 of the Draft DCO (Volume 3.1) [APP-013]</b>.</p> | <p><b>Outline CEMP (Volume 7.12) [APP-103]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b>.</p>   |
| <b>Draft NPS EN-1: 5.13.9</b> | <p><u>Decision Making</u><br/>The SoS may wish to include a requirement that specifies the approval by the local authority of an employment and skills plan.</p>  | <p>The Applicant has prepared an <b>Outline Employment and Skills Strategy (Volume 7.8) [APP-099]</b>. The <b>Draft DCO (Volume 3.1) [APP-013]</b> includes Requirement 21 which requires a final strategy to be submitted to the relevant planning authority for approval.</p>   | <p><b>Outline Employment and Skills Strategy (Volume 7.8) [APP-099]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p>                                 |
| <b>Draft NPS EN-1: 5.4.18</b> | <p><u>Decision Making</u><br/>The SoS should only consider preventing or refusing development on highways grounds if there would be an unacceptable impact on highway safety, or residual cumulative impacts on the road network would be severe.</p> | <p>The Applicant has prepared a transport assessment as an appendix to the <b>ES Chapter 6 Traffic and Transport (Volume 6.2) [APP-033]</b>. This is <b>ES Chapter 6 Appendix 6B Transport Assessment (Volume 6.4) [APP-073]</b>. The transport assessment was prepared in consultation with CCC, NCC and National Highways the extent to which is set out within <b>ES Chapter 6 Traffic and</b></p>                                   | <p><b>ES Chapter 6 Traffic and Transport (Volume 6.2) [APP-033]</b></p> <p><b>ES Chapter 6 Appendix 6B Transport Assessment (Volume 6.4) [APP-073]</b></p> |



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|              |  | <p><b>Transport Appendix 6D Stakeholder Consultation (Volume 6.4) [APP-075].</b> The assessment concludes that there would be no significant effects upon highway safety as a result of the construction or operation of the Proposed Development. The assessment also considers the future growth of traffic on the network and this includes for other developments. This assessment maintains the conclusion that effects would not be significant.</p> <p>The Applicant's traffic and transported related commitments are secured by the following <b>Draft DCO Requirements (Volume 3.1) [APP-013]:</b></p> <ul style="list-style-type: none"> <li>• Requirement 7 – Highway Access;</li> <li>• Requirement 10 – Construction Environmental Management Plan;</li> <li>• Requirement 11 – Construction Traffic Management Plan;</li> <li>• Requirement 12 – Operational Traffic Management Plan; and</li> <li>• Requirement 15 Operational Travel Plan.</li> </ul> | <p><b>ES Chapter 6 Traffic and Transport Appendix 6D Stakeholder Consultation (Volume 6.4) [APP-075]</b></p> |



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| <b>Draft NPS EN-1: 5.15.7 – 5.15.8</b> | <p><u>Applicant's Assessment</u><br/>Where possible, applicants are encouraged to source materials from recycled or reused sources and use low carbon materials, sustainable sources and local suppliers. Construction best practices should be used to ensure that material is reused or recycled onsite where possible. Applicants are encouraged to use construction best practices in relation to storing materials in an adequate and protected place on site to prevent waste, for example, from damage or vandalism.</p> | <p>Detailed arrangements with the relevant highways authority to secure the proposed New Bridge Lane Access Improvements are to be secured by a Section 278 Agreement with CCC. The Applicant will provide status updates on these discussions during the Examination.</p> | <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b></p> <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b></p> <p><b>Outline Construction Environmental Management Plan (Volume 6.2) [APP-103]</b></p> |
|  |   | <p>Construction materials will be stored such that they are protected and do not give rise to environmental effects resulting from</p>   |   |



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|   |   | <p>their storage. The management of construction materials is described within the <b>Outline Construction Environmental Management Plan (Volume 6.2) [APP-103]</b>.</p> <p>The Applicant's commitment to delivering the design commitments and management of construction materials are secured by <b>Draft DCO Requirements 2 and 19 (Volume 3.1) [APP-013]</b> respectively.</p>  |   |
| <p><b>Draft NPS EN-1: 5.16.3 – 5.16.4</b></p> | <p><u>Applicant's Assessment</u><br/>Where possible, applicants are encouraged to manage surface water during construction by treating surface water runoff from exposed topsoil prior to discharging and to limit the discharge of suspended solids.</p> <p>Applicants are encouraged to consider protective measures to control the risk of pollution to groundwater beyond those outlined in Water Resources Management Plans - this could include, for example, the use of protective barriers.</p> | <p>The Applicant has set out measures to protect surface water during construction both within <b>ES Chapter 12 Hydrology (Volume 6.2) [APP-039]</b> and within the <b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b>. Outline CEMP, Appendix B Outline Water Management Plan <b>Section 3.3</b> sets out the measures to be taken to protect watercourses.</p> <p>The Applicant's commitment to the management of surface water and protection of ground water during construction are secured by <b>Draft DCO Requirements 10 and 9 (Volume 3.1) [APP-013]</b> respectively.</p> | <p><b>ES Chapter 12 Hydrology (Volume 6.2) [APP-039]</b></p> <p><b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b></p> |



Table 2.2 Compliance with National Policy Statement EN-3 and Draft EN-3

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| NPS EN-3: 2.5.33 – 2.5.34 | <p>In sites with nationally recognised designations (Sites of Special Scientific Interest, National Nature Reserves, National Parks, the Broads, Areas of Outstanding Natural Beauty and Registered Parks and Gardens), the SoS must only grant consent for renewable energy projects where it can be demonstrated by the Applicant that the objectives of designation of the area will not be compromised and any significant adverse effects on the qualities for which the area has been designated are clearly outweighed by the environmental, social and economic benefits of the proposed development.</p> | <p><b>ES Chapter 9: Landscape and Visual (Volume 6.2) [APP-036], ES Chapter 10: Historic Environment (Volume 6.2) [APP-037] and ES Chapter 11: Biodiversity (Volume 6.2) [APP-038]</b> contain, respectively, assessments of the impact of the Proposed Development on nationally designated sites and assets for landscape, heritage and nature conservation. No significant adverse effects have been identified.</p> | <p><b>ES Chapter 9 (Volume 6.2) [APP-036]</b><br/> <b>ES Chapter 10 (Volume 6.2) [APP-037]</b><br/> <b>ES Chapter 11 (Volume 6.2) [APP-038]</b></p> |
|                           | <p>In considering the impact on the historic environment, the SoS should take into account the positive role that large-scale renewable projects play in the mitigation of climate change, the</p>  |   |   |



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|                                  | <p>delivery of energy security and the urgency of meeting the national targets for renewable energy supply and emissions reductions.</p>   |  |  |
| <b>NPS EN-3: 2.5.36</b>          | <p>As most renewable energy resources can only be developed where the resource exists and where economically feasible, the SoS should not use a sequential approach in the consideration of renewable energy projects.</p>   | <p><b>Section 2.3 ES Chapter 2 Alternatives (Volume 6.2) [APP-029]</b> explains the essential and preferable criteria which the Applicant applied when selecting the EfW CHP Facility Site.</p>  | <p><b>ES Chapter 2 Alternatives (Volume 6.2) [APP-029]</b></p> |
| <b>NPS EN-3: 2.5.37 - 2.5.45</b> | <p><u>Applicant's Assessment</u><br/>The ES should include an assessment of air emissions and demonstrate compliance with the Waste Incineration Directive (WID).</p> <p>Abatement technologies should be those set out in the relevant sector guidance notes as produced by the EA.</p> <p><u>Decision Making</u><br/>The SoS should not regard a proposal as having an adverse impact on health if the</p> | <p>The Applicant's air quality assessment is set out in <b>ES Chapter 8 Air Quality (Volume 6.2) [APP-035]</b>, accompanied by a <b>Human Health Risk Assessment, Annex G (Volume 6.4) [APP-078]</b>. Reference is made to the WID in Table 8.2 'Planning policy context for Air Quality: Adopted National Policy Statements'. This states that <b>Sections 8.6-8.10</b> of the assessment consider emissions to air from the chimneys at the respective emission limit values (ELVs) in Annex VI of the IED (WID was incorporated into this Directive in 2010) with an assessment of resulting ground level concentrations and associated impacts on human health made against relevant air quality standards, objectives and guideline values. The assessment concludes that emissions</p> | <p><b>ES Chapter 8 Air Quality (Volume 6.2) [APP-035]</b></p>  |



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|                                  | <p>requirements of WID are met and local air quality standards are not exceeded.</p> <p>The SoS does not need to consider equipment selection in its determination process.</p>   | <p>would comply with WID. Emissions would not lead to significant effects upon sensitive Receptors.</p> <p>The Proposed Development will require an Environmental Permit. The Applicant applied to the Environment Agency for an Environmental Permit for the EfW CHP Facility on the 5 August 2022. In response to the ExA's First Written Question EIA.1.2, a progress update will be provided at Deadline 2 (24 March 2023).</p>   |  |
| <b>NPS EN-3: 2.5.46 - 2.5.52</b> | <p><u>Applicant's Assessment</u><br/>A landscape and visual impact assessment should be undertaken in accordance with Section 5.9 of EN-1.</p> <p><u>Decision Making</u><br/>Any biomass/waste combustion generating station will require a building able to host fuel reception and storage facilities, the combustion chamber and abatement units. The overall size of the building will be dependent on design and fuel throughput, although it is unlikely to be less than 25m in height. External to the</p> | <p>The Applicant's Landscape and Visual Assessment is reported in <b>ES Chapter 9 Landscape and Visual (Volume 6.2) [APP-036]</b>.</p> <p>The scale, height and mass of the proposed EfW CHP Facility has been dictated by its operational requirements and the some of the buildings are greater than 25m in height. The Proposed Development does not include for cooling towers but for an air cooled condenser which would be 27m in height (maximum height parameter of 30m) and located on the eastern boundary of the EfW CHP Facility Site.</p> <p>The Applicant's approach to design is set out within <b>ES Chapter 2 Alternatives (Volume 6.2)</b></p> | <p><b>ES Chapter 9 Landscape and Visual (Volume 6.2) [APP-036]</b></p> <p><b>ES Chapter 2 Alternatives (Volume 6.2) [APP-029]</b></p> <p><b>Design and Access Statement (Volume 7.5) [APP-096]</b></p> <p><b>ES Chapter 3 Description of</b></p> |





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|              | <p>building there may be cooling towers, the size of which will also be dependent on the throughput of the generating station.</p> <p>Mitigation is achieved primarily through aesthetic aspects of site layout and building design including size and external finish and colour of the generating station to minimise intrusive appearance in the landscape as far as engineering requirements permit. The precise architectural treatment will need to be site-specific.</p> <p>Generating stations are expected to provide sufficient landscaping to visually screen them at low level from surrounding external viewpoints.</p> | <p><b>[APP-029]</b> and within the <b>Design and Access Statement (Volume 7.5) [APP-096]</b>. This explains the consideration given to different building finishes in terms of material, colour and texture and explains the context provided by existing buildings which surround the EfW CHP Facility Site.</p> <p>The Applicant's commitment to delivering the design commitments and management of construction materials are secured by <b>Draft DCO Requirements 2 and 19 (Volume 3.1) [APP-013]</b> respectively.</p> <p>The Applicant's proposals for landscaping are set out within the as Figure 3.14 to <b>ES Chapter 3 Description of the Proposed Development (Volume 6.3) [APP-049]</b>. This proposes to introduce landscaping to the EfW CHP Facility frontage to New Bridge Lane which would provide a landscape using native species common in the surrounding area and which includes tree planting to screen the buildings from low level.</p> <p>The Applicant's commitment to deliver biodiversity, landscape and ecological mitigation are secure by <b>Draft DCO Requirements 4, 5 and 6 (Volume 3.1) [APP-013]</b>.</p> | <p><b>the Proposed Development (Volume 6.3) [APP-049]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p> |



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| NPS EN-3: 2.5.53 - 2.5.58 | <p><u>Applicant's Assessment</u><br/>The impacts of noise and vibration arising from a proposed development on amenity should be assessed in accordance with Section 5.11 of NPS EN-1. The assessment should demonstrate that noise impacts can be adequately mitigated through requirements.</p> <p><u>Decision Making</u><br/>Development consent should not be granted unless the SoS is confident that the proposals meet the aims set out in paragraph 5.11.9 of NPS EN-1.</p> | <p>The Applicant has undertaken a noise and vibration assessment and this is reported within <b>ES Chapter 7 Noise and Vibration (Volume 6.2) [APP-034]</b>.</p> <p>The assessment approach to the consideration of impacts upon amenity has been undertaken in accordance with <b>Section 5.11</b> of NPS EN-1 with potential impacts mitigated. Many mitigation measures are embedded into the design of the Proposed Development. Those subject to requirements are identified within Table 7.40 Summary of indicative environmental measures to be implemented – relating to noise and vibration.</p> <p>Compliance with NPS EN-1 paragraph 5.11.9 is established in the consideration of the application under NPS EN-1 above.</p> <p>The Applicant's commitments to deliver noise mitigation and monitoring are secured by <b>Requirement 19</b> of the <b>Draft DCO (Volume 3.1) [APP-013]</b>.</p> | <p><b>ES Chapter 7 Noise and Vibration (Volume 6.2) [APP-034]</b></p>                     |
| NPS EN-3: 2.5.59 - 2.5.63 | <p><u>Applicant's Assessment</u><br/>The applicant should assess the potential for insect infestation and emissions of odour as set out in NPS EN-1 Section 5.6 with</p>  | <p>The Applicant has considered the potential for insect infestation. <b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b> paragraph 3.5.47 sets out the measures to monitor and control pests.</p>  | <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b></p> |



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|   | <p>particular regard to the handling and storage of waste for fuel.</p> <p>In EfW generating stations, the reception, storage and handling of waste should be carried out within defined areas and within enclosed buildings.</p> <p><u>Decision Making</u><br/>The SoS should satisfy themselves that the proposed development includes appropriate measures to minimise impacts on local amenity from odour, insect and vermin infestation.</p> | <p>The design measures to address emissions of odour are set out within the same chapter at paragraph 3.4.6 whilst the Applicant has also prepared an <b>Outline Odour Management Plan (Volume 7.11) [APP-102]</b>. The detailed Odour Management Plan is secured by <b>Draft DCO Requirement 16 of the Draft DCO (Volume 3.1) [APP-013]</b>.</p> <p>The Proposed Development includes for an enclosed reception, storage and handling area for waste. <b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b> confirms that the Tipping Hall would be fully enclosed within the main building with negative internal pressure maintained to control odour.</p> | <p><b>Outline Odour Management Plan (Volume 7.11) [APP-102]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p>     |
| <p><b>NPS EN-3: 2.5.64 - 2.5.70</b></p> | <p><u>Applicant's Assessment</u><br/>An assessment should examine the conformity of the proposed development with the waste hierarchy and set out the effect of the scheme on the relevant waste plan and the extent to which the generating station contributes to the recovery targets in relevant strategies and plans.</p>  | <p>The Proposed Development would only use residual waste as a fuel source. This is waste that would otherwise be landfilled. EfW moves waste up the waste hierarchy and away from landfill. The Applicant has prepared a <b>Waste Fuel Availability Assessment (Volume 7.3) [APP-074]</b>. This considers the availability of fuel (residual waste) at a local and national level and demonstrates that there is sufficient waste, currently landfilled, to support the facility.</p>   | <p><b>Waste Fuel Availability Assessment (Volume 7.3) [APP-074]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p> |



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|   | <p><u>Decision Making</u><br/>The SoS should be satisfied that the proposed waste generating station is in accordance with the waste hierarchy and will not prejudice the achievement of local or national waste management targets.</p>  | <p>The Applicant's commitments to demonstrate compliance with the waste hierarchy are secured by <b>Requirement 14</b> of the <b>Draft DCO (Volume 3.1) [APP-013]</b>.</p>   |   |
| <p><b>NPS EN-3: 2.5.71 - 2.5.83</b></p> | <p><u>Applicant's Assessment</u><br/>The ES should include details of the production and disposal of residues and consider the capacity of existing waste management sites for dealing with residues over the planned life of the power station.</p> <p><u>Decision Making</u><br/>The SoS should be satisfied that management plans for residue disposal minimise the amount of waste that cannot be used for commercial purposes.</p> | <p>The EfW CHP Facility treatment process creates two principal types of waste; Incinerator Bottom Ash (IBA) and Air Pollution Control residues (APCr). <b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b> describes the production and management of the IBA and APCr at the EfW CHP Facility. The IBA and APCr will be exported off site to suitable licenced facilities for either further recycling, in respect of IBA and landfill in respect of APCr. The Applicant will provide further information for Deadline 2.</p> | <p><b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b></p> |



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| NPS EN-3: 2.5.84 - 2.5.87 | <p><u>Applicant's Assessment</u><br/>The applicant should assess the potential effects of the proposed development on water quality and resources in accordance with NPS EN-1 (Section 5.15) and seek to demonstrate that appropriate measures will be put in place to avoid or minimise adverse impacts of abstraction and discharge of cooling water.</p> <p><u>Decision Making</u><br/>The SoS should be satisfied that the applicant has demonstrated measures to minimise adverse impacts on water quality and resources as described above and in NPS EN-1.</p> | <p>The Applicant has undertaken an assessment of the effects arising from the Proposed Development upon water, including water quality and resources within <b>ES Chapter 12 Hydrology (Volume 6.2) [APP-039]</b>.</p> <p>The baseline conditions are established within <b>Section 12.5</b> with water resources considered in paragraphs 12.5.29 to 12.5.33 and water quality in paragraphs 12.5.34 to 12.5.38. There is one licenced non-public surface water abstraction within the Study Area. Water quality effects during construction on statutory nature conservation sites are scoped from the assessment due to the distance from the Proposed Development together with the embedded mitigation measures proposed.</p> <p>The assessment also considers affects upon water bodies protected under the WFD.</p> <p>The assessment conclusions are set out in Table 12.19 Summary of significance of adverse effects. It concludes that effects upon aquatic environment Receptors resulting from all hydrological effects to include water quality and water resources would not be significant during construction and operation. Other water resource Receptors (e.g., Anglian water resources) will also not be significantly affected.</p> | <p><b>ES Chapter 12 Hydrology (Volume 6.2) [APP-039]</b></p> <p><b>Outline Construction Environmental Management Plan (Volume 7.12) [APP-103]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p> |



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| <b>Draft NPS EN-3: 2.10.4 – 2.10.5</b> | <p>Applicants must demonstrate that proposed EfW plants are in line with the Department for Environment, Food &amp; Rural Affairs' (Defra) policy position on the role of EfW in treating municipal waste.</p> <p>The proposed plant must not result in over-capacity of EfW treatment at a national or local level.</p> | <p>DEFRA's waste management policy is set out in the following key documents:</p> <ul style="list-style-type: none"> <li>• The Waste Management Plan for England (January 2021); and</li> <li>• The Resources and Waste Strategy 'Our Waste, Our Resources: A Strategy for England' (2018).</li> </ul> <p>Together, these documents set out the Government's strategy to move toward a circular economy and hit its net zero emissions targets in line with its 25 Year Environment Plan. Greater efficiency of energy from waste facilities is</p> | <p><b>Waste Fuel Availability Assessment (Volume 7.3) [APP-074]</b></p> <p><b>Technical Note: R1 (Volume 9.25)</b></p> |



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|              |   | <p>recognised as of high importance in the</p> <p>Government's Waste Management Plan, with an aim of ensuring that all future energy from waste plants achieve recovery (R1) status by producing heat for heat networks. This reduces emissions significantly by making use of otherwise wasted heat to displace gas boiler heating.</p> <p>The R1 calculation is certified by the Environment Agency. To be classified as a recovery operation the R1 value must exceed 0.65. Using the Environment Agency's guidance note (Waste incineration plant: apply for R1 status (Aug 2021)) the Applicant has calculated the EfW CHP Facility's R1 value. At 0.81 the R1 value for the EfW CHP Facility far exceeds the 0.65 threshold to be classified as a recovery operation. The Applicant's R1 calculation is provided in the <b>Technical Note: R1 (Volume 9.25)</b> submitted at Deadline 1.</p> <p>The Proposed Development fully complies with the provisions of DEFRA policy in that it would have R1 status and has been designed to recovery both heat and power from residual household, industrial and commercial waste.</p> <p>The Applicant has prepared a <b>Waste Fuel Availability Assessment (Volume 7.3) [APP-</b></p> |                      |



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|  |  | <p><b>074]</b>. This considers the availability of fuel (residual waste) at a local and national level and demonstrates that there is sufficient waste, currently landfilled, to support the facility. An updated version of the Waste Fuel Availability Assessment will be submitted at Deadline 2.</p> |  |
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Table 2.3 Compliance with National Policy Statement EN-5 and Draft EN-5

| NPS Para No.            | Relevant Requirement of the National Networks NPS   | Scheme compliance with the National Networks NPS   | Examination document   |
|-------------------------|---|--|--|
| NPS EN-5: 2.4.1 - 2.4.2 | Applications for electricity networks infrastructure should set out how the proposed development would be resilient to: the potential effects of flooding (particularly for substations that are vital for the electricity and distribution network); higher average temperatures leading to increased transmission losses and earth movement; or subsidence caused by flooding or drought. | <p><b>ES Chapter 14: Climate (Volume 6.2) [APP-041]</b> includes an assessment of the projected impacts of climate change on the Proposed Development during construction, operation and decommissioning. This assessment of climate change resilience is based on UK Climate Projections 18 produced by the Met Office and draws on data from the Third Climate Change Risk Assessment published by the UK Government in January 2022<sup>5</sup> and the latest evidence prepared by the Adaptation Committee presented in the Independent Assessment of UK Climate Risk 2021<sup>6</sup>.</p> <p>The assessment takes account of the design measures built into the Proposed Development to ensure climate resilience. These measures include:</p> <ul style="list-style-type: none"> <li>• design of Proposed Development to be resilient to current weather impacts;</li> <li>• implementation of a flexible construction programme to integrate extreme weather-related delays and allow flexibility of timings of critical activities;</li> </ul> | <p><b>ES Chapter 12 Hydrology (Volume 6.2) [APP-039]</b></p> <p><b>ES Chapter 12 Hydrology Appendix 12A (Volume 6.4) [APP-084]</b></p> <p><b>ES Chapter 14 Climate (Volume 6.2) [APP-041]</b></p> <p><b>Planning Statement (Volume 7.1) [APP-091].</b></p> |

<sup>5</sup> UK Government. UK Climate Change Risk Assessment 2022.

<sup>6</sup> Betts, R.A. and Brown, K, (2021). Introduction. In: *The Third UK Climate Change Risk Assessment Technical Report* [Betts, R.A., Haward, A.B. and Pearson, K.V.(eds.)]. Prepared for the Climate Change Committee, London.



| NPS Para No. | Relevant Requirement of the National Networks NPS | Scheme compliance with the National Networks NPS   | Examination document |
|--------------|---|--|----------------------|
|              |   | <ul style="list-style-type: none"> <li>• a requirement for contractors to sign up for short to medium range weather forecasting alerts;</li> <li>• installation of lightning protection systems where required;</li> <li>• design of Proposed Development to give consideration to climate change adaptation in line with relevant standards and future climate;</li> <li>• measures to reduce the impact of extreme weather on construction;</li> <li>• design of the drainage systems to include consideration for resilience to climate change;</li> <li>• protection of the waste bunker against groundwater ingress and uplift;</li> <li>• use of climate suitable species in landscape planting; and</li> <li>• reduction in the reliance on potable water to be implemented e.g., rainwater harvesting.</li> </ul> <p data-bbox="1048 1118 1736 1257">On the basis of the measures embedded into the design of the Proposed Development, the climate change resilience assessment concludes that there would be no significant effects.</p> <p data-bbox="1048 1300 1736 1369">The effects of climate change are additionally considered (as appropriate) in other ES</p> |                      |



| NPS Para No.                   | Relevant Requirement of the National Networks NPS | Scheme compliance with the National Networks NPS   | Examination document   |
|--------------------------------|---|--|--|
|                                |   | <p>environmental topic chapters. This includes the assessment of hydrological impacts in <b>ES Chapter 12: Hydrology (Volume 6.2) [APP-039]</b> which has been informed by an <b>FRA (Appendix 12A: FRA (Volume 6.4) [APP-084])</b>. The findings of the hydrological assessment including FRA are summarised in <b>Section 4.9</b> of the <b>Planning Statement (Volume 7.1) [APP-091]</b>.</p>   |  |
| <b>NPS EN-5: 2.5.1 - 2.5.2</b> | Proposals should demonstrate good design.         | <p>A <b>Design and Access Statement (Volume 7.5) [APP-096]</b> has been provided as part of the DCO Application. This details how the design of the Proposed Development has evolved and demonstrates that all aspects of site selection, site access and future access requirements have been addressed and incorporated into the proposed design and that measures have been embedded to mitigate the adverse impacts of the Proposed Development. It explains the options considered in respect of (<i>inter alia</i>) massing, roof profiles and architectural design.</p> <p>The <b>Design and Access Statement (Volume 7.5) [APP-096]</b> confirms that the Applicant is committing to achieving a high sustainability standard by choosing to implement a Building Research Establishment Environmental Assessment Method (BREEAM) scoring system</p> | <p><b>Design and Access Statement (Volume 7.5) [APP-096]</b></p> <p><b>ES Chapter 2 Alternatives (Volume 6.2) [APP-029]</b></p> <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p> |



| NPS Para No.                   | Relevant Requirement of the National Networks NPS  | Scheme compliance with the National Networks NPS  | Examination document  |
|--------------------------------|--|---|---|
|                                |  | <p>for the development The EfW CHP Facility will be constructed to achieve a minimum BREEAM rating of 'Good', except for the administration building where the minimum rating will be 'Excellent'.</p> <p>The Applicant's commitment to delivering the design commitments are secured by <b>Draft DCO Requirement 2 (Volume 3.1) [APP-013]</b>.</p> <p>As highlighted above, <b>Chapter 2: Alternatives (Volume 6.2) [APP-029]</b> of the ES also includes a description of the main alternatives considered by the Applicant and the reasons for selecting the preferred options for the Proposed Development.</p> |   |
| <b>NPS EN-5: 2.7.1 – 2.7.6</b> | <p>The applicant will need to consider whether the proposed development will cause impacts on biodiversity at any point along its length and take this into consideration in the ES.</p> | <p>The Applicant has sought to reduce effects upon biodiversity by amending the initial designs for the Grid Connection such that it is now a 4.8km underground connection as opposed to earlier iterations of 11km or greater. The iterative approach to the design is described within <b>ES Chapter 2 Alternatives Appendix 2A Grid Connection Options Report (Volume 6.4) [APP-069]</b>. This also describes the environmental considerations, including biodiversity that influenced the design choices made. The resulting Grid Connection which forms part of the Proposed Development has been</p>          | <p><b>ES Chapter 2 Alternatives Appendix 2A Grid Connection Options Report (Volume 6.4) [APP-069]</b></p> <p><b>ES Chapter 11 Biodiversity (Volume 6.2) [APP-038]</b></p> |



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|-----------------------------------|---|--|--|
|                                   |   | <p>assessed for its effects upon biodiversity within <b>ES Chapter 11 Biodiversity (Volume 6.2) [APP-038]</b>. It concludes that there would be no significant effects as a result of the Proposed Development (including Grid Connection).</p> <p>The Applicant's commitment to deliver biodiversity, net gain is secure by <b>Draft DCO Requirement 6 (Volume 3.1) [APP-013]</b>.</p>  | <p><b>Draft DCO (Volume 3.1) [APP-013]</b></p>   |
| <b>NPS EN-5: 2.8.1 - 2.8.11</b>   | <p>The ES should consider generic landscape impacts and should also provide details of how consideration has been given to undergrounding as a way of mitigating impacts.</p> | <p>The Applicant's Landscape and Visual Assessment is reported in <b>ES Chapter 9 Landscape and Visual (Volume 6.2) [APP-036]</b> which considers amongst other Receptor groups, the potential for effects upon landscape components and landscape character. The Applicant's approach to undergrounding and the rationale for the designs that it has made are set out within the iterative approach to the design is described within <b>ES Chapter 2 Alternatives Appendix 2A Grid Connection Options Report (Volume 6.4) [APP-069]</b>. This document concludes with a Grid Connection that is wholly underground.</p> | <p><b>ES Chapter 9 Landscape and Visual (Volume 6.2) [APP-036]</b></p> <p><b>ES Chapter 2 Alternatives Appendix 2A Grid Connection Options Report (Volume 6.4) [APP-069]</b></p> |
| <b>NPS EN-5: 2.10.1 - 2.10.16</b> | <p>The ES should provide evidence of compliance with the Government's voluntary code of practice 'Power Lines:</p>  | <p>The Applicant's consideration of EMF is set out within <b>ES Chapter 16 Health (Volume 6.2) [APP-043]</b> at paragraphs 16.9.63 to 16.9.71.</p>   | <p><b>ES Chapter 16 Health (Volume 6.2) [APP-043]</b></p>  |



| NPS Para No.                 | Relevant Requirement of the National Networks NPS   | Scheme compliance with the National Networks NPS  | Examination document   |
|------------------------------|---|---|--|
|                              | Demonstrating compliance with EMF public exposure guidelines' and the International Commission on Non-Ionizing Radiation Protection ('ICNIRP') (1998).  | It concludes that the placement of the Grid Connection underground would eliminate the electric field whilst the magnetic field that would still be produced would avoid sensitive Receptors due to the cable placement within the highway or highway verge. The Walsoken Substation would be securely fenced to prevent access other than by authorised persons. Effects are concluded as being not significant.   |  |
| <b>Draft NPS EN-5: 2.8.1</b> | <p>When planning and evaluating the proposed development's contribution to environmental and BNG, it will be important for both the applicant and the SoS to supplement the generic guidance set out in NPS EN-1 (Section 4.5) with recognition that the linear nature of electricity networks infrastructure allows opportunities to:</p> <ul style="list-style-type: none"> <li>i. reconnect important habitats via green corridors, biodiversity stepping zones, and re-establishment of appropriate hedgerows; and/or</li> <li>ii. connect people to the environment, for instance</li> </ul> | <p>The Applicant has undertaken a biodiversity net gain calculation using the current methodology and is committed via the <b>ES Chapter 11 Biodiversity Appendix 11M Biodiversity Net Gain Rev 2 (Volume 6.4) [AS-009]</b> document to delivering net gain as a result of the Proposed Development. The Applicant is in discussion with organisations to deliver net gain and this is likely to include for improvements to or the creation of linear habitats.</p> <p>Because the Grid Connection would be underground within the highway and highway verge there are no opportunities to reconnect habitats. However, where the connection crosses informal footpath routes (PRoWs are terminated at the point that they reach the A47 highway verge) the Applicant will reinstate to the current condition.</p> | <b>ES Chapter 11 Biodiversity Appendix 11M Biodiversity Net Gain Rev 2 (Volume 6.4) [AS-009]</b> |



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|--|--|---|---|
| Draft NPS EN-5: 2.11.11 – 2.11.12; 2.11.19 – 2.11.20 | <p>via footpaths and cycleways constructed in tandem with biodiversity enhancements.</p> <p><u>Applicant's Assessment</u><br/>The Horlock Rules should be embodied in applicants' proposals.</p> <p>A management plan, developed at least in outline at the conclusion of the examination, should secure the integrity and benefit of landscape schemes and uphold the landscape commitments made to achieve consent, alongside any pertinent commitments to environmental and BNG.</p> <p><u>Decision Making</u><br/>The SoS should be satisfied that the development, so far as is reasonably possible, complies with the Horlock Rules or any updates to them. The SoS should also be satisfied that all pertinent options for mitigation have been considered and evaluated appropriately.</p> | <p>The Horlock Rules have been used to inform the siting of the Applicant's Walsoken Substation in that:</p> <p>Environmental issues have been considered at the earliest stage balanced with technical and capital cost requirements (see <b>ES Chapter 2 Alternatives Appendix 2A Grid Connection Options Report (Volume 6.4) [APP-069]</b>).</p> <p>Internally and nationally designated sites are avoided.</p> <p>Areas of local amenity value, important landscapes and habitats, hedgerows and watercourse are avoided – the site is on UKPN land immediately adjacent to the existing substation.</p> <p>Screening will be provided by maintaining existing vegetation where possible and by planting new.</p> | <p><b>ES Chapter 2 Alternatives Appendix 2A Grid Connection Options Report (Volume 6.4) [APP-069]</b></p> |



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|              |   | <p>Visual, noise and other environmental effects will be minimised through design and the placement of the substation adjacent to an existing substation.</p> <p>Land uses will not be affected – the land is owned by UKPN and forms a landscaped area to the front of its substation. UKPN has agreed to its use.</p> <p>Where optionality is available the Applicant has chosen to use equipment with the lowest environmental effects (e.g., clean air switchgear avoiding the use of SF6).</p> <p>The Proposed Substation would not affect public rights of way.</p> <p>Access would be via an existing private access road with existing planting maintained where possible.</p> <p>The location is not an ‘open landscape’. There will be no high voltage lines and the Applicant’s Walsoken Substation will be located and ‘set against’ the context of the existing UKPN substation.</p> |                      |





| NPS Para No.                          | Relevant Requirement of the National Networks NPS  | Scheme compliance with the National Networks NPS  | Examination document  |
|---------------------------------------|--|---|---|
| Draft NPS EN-5:<br>12.14.1 – 12.14.16 | <p data-bbox="539 285 1025 427"><u>Applicant's Assessment</u><br/>Applicants should avoid the use of Sulphur Hexafluoride (SF6) in new developments.</p> <p data-bbox="539 544 1025 1129"><u>Decision Making</u><br/>The SoS should grant consent for an electricity networks development only if the applicant has demonstrated either that i) the development will not use SF6; or ii(a)) that there is no proven commercially available alternative to the use of SF6, and ii(b)) that a bespoke SF6-free alternative would be grossly disproportionate in terms of cost, and ii(c)) that emissions monitoring and control measures compliant with the F-gas Regulation and/or its successors are in place.</p> | <p data-bbox="1050 285 1738 616">The Applicant has chosen to use equipment with the lowest environmental effects and as such it will use clean air switchgear avoiding the use of SF6. This is confirmed within <b>ES Chapter 2 Alternatives Appendix 2A Grid Connection Options Report (Volume 6.4) [APP-069]</b> and <b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b> (paragraph 3.6.11).</p> | <p data-bbox="1762 285 2002 576"><b>ES Chapter 2 Alternatives Appendix 2A Grid Connection Options Report (Volume 6.4) [APP-069]</b></p> <p data-bbox="1762 619 2002 836"><b>ES Chapter 3 Description of the Proposed Development (Volume 6.2) [APP-030]</b></p> |



## 3. Conclusion

- 3.1.1 The Applicant will update this Draft National Policy Statement Tracker at each Examination deadline as specified within the Examination Timetable with a Final National Policy Statement Tracker submitted at Deadline 7 (04 August 2023).

