



## Environmental Statement – Non-Technical Summary

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Houghton Main Energy Centre

**Peel Environmental Ltd**

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# Environmental Statement Non-Technical Summary

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For:	Peel Environmental Ltd
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## 1. Introduction

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### 1.1 Introduction

- 1.1.1 This Environmental Statement Addendum (ES) to consented planning application 2015/0137 supports a S73 application made by Peel Environmental Ltd (Peel) to make amendments to the consented Timber Resource Recovery Centre on land off Houghton Main Colliery Roundabout, Park Spring Road, Houghton Main, Barnsley. The amended proposals are referred to as 'the Energy Centre'.
- 1.1.2 In accordance with the Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (the EIA Regulations), an Environmental Statement accompanies the planning application. It contains the detailed information required by the Local Planning Authority (LPA) to assist them in their determination of the application.
- 1.1.3 This Non-Technical Summary of the Environmental Statement (ES) summarises the outcome of the Environmental Impact Assessment (EIA) as reported in the ES.

### 1.2 The Application Site

- 1.2.1 The application site is shown on the consented Site Location Plan (PL 002 Site Location Plan 1302\_PL002). The site is 3ha in area in an approximately triangular shape to the west of the A6195 Park Spring Road, Barnsley.
- 1.2.2 The proposed amendments are entirely within the consented redline boundary. No changes to the consented buildings or layout are proposed as part of this S73 application. The proposed amendments will not result in any additional infrastructure to that previously consented.

### 1.3 The Applicant

- 1.3.1 The applicant for this S73 application is Peel. Peel are a development company who own, manage and develop infrastructure in the waste, minerals and environmental technology sectors across the UK. The company identifies sites suitable for development and is at the forefront of developing new infrastructure by working with investor, developers and partners to address the energy challenges faced. Peel are seeking to develop a network of energy-from-waste facilities throughout the UK.

### 1.4 This Document

- 1.4.1 This document is the Non-Technical Summary (NTS) of the Environmental Statement (ES), which has been prepared to accompany the planning application. It summarises the findings of the Environmental Impact Assessment (EIA) of the proposed scheme in non-technical language.

## 2. Project Description

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### 2.1 The Proposed Amended Development

2.1.1 This S73 application seeks to make amendments to a limited number of conditions attached to the original consent (2015/0137).

2.1.2 The amendments proposed to the consented scheme relate only to:

- the quantity and type of feedstock;
- the number of HV feedstock deliveries and related delivery hours; and
- construction/operations hours related to controls on noise levels.

2.1.3 The consented fuel type will be amended to allow the site to utilise Refused Derived Fuel (RDF), although the potential to use waste wood would be retained. RDF is produced from non-hazardous waste that is left over once recyclates, such as glass and metal, have been removed off-site. The waste which will be treated at the site is waste which would otherwise be sent to landfill or exported abroad.

2.1.4 This S73 application also seeks to increase the feedstock accepted at the facility from the consented 150,000 tonnes per annum (tpa) to a proposed maximum of 260,000tpa. The proposed increase in the amount of fuel that can be used at the Energy Centre will increase the amount of low carbon energy generated at the site.

2.1.5 HV movements will increase to 78 per weekday and 66 per weekend day based on 7 days a week for delivery, compared to the conditions attached to the original consent which limited HV movements to 60 per day based on 5 days a week for delivery.

2.1.6 Some changes will be sought to delivery hours in order to spread vehicle movements over a longer period to reduce impacts on the local highway network and major local employers.

2.1.7 Minor technical changes to controls over noise levels are also sought.

## 3. Summary of Environmental Impacts

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### 3.1 Introduction

3.1.1 Where necessary, ES chapters have been reviewed to address the proposed changes to the consented scheme. This chapter provides a summary of the technical assessments which are relevant to this S73 application.

3.1.2 The potential impacts that have been assessed through fully updated ES chapters are those related to air quality, odour and human health, and traffic generation. Updated assessments for air quality and transport have been provided. Other technical assessments remain valid.

### 3.2 Transport

3.2.1 A full Transport Assessment has been undertaken in relation to the S73 application, a Framework Travel Plan is proposed for implementation at the site, this is included as an appendix to the Transport Assessment.

3.2.2 The Transport Assessment demonstrates that changes in traffic movements arising from the S73 application can be accommodated on the local highway and that changes in traffic flow will be insignificant.

3.2.3 The Transport Assessment demonstrates that the amended development will not generate significantly more traffic than that associated with the permitted energy centre.

3.2.4 The proposals in the S73 application will not have a significant environmental transport impact and will not substantially change the situation currently consented for the site.

### 3.3 Hydrology and Flood Risk

3.3.1 The ES has confirmed the amendments proposed will not change flood risk, or surface water/foul drainage from the Site.

3.3.2 No further assessments for hydrology, flood risk and drainage are required in light of the proposed S73 amendments.

### 3.4 Air Quality

3.4.1 An Air Quality Assessment, Odour Assessment and Human Health Risk Assessment have been prepared to support this S73 application. These assessments have been carried out to understand the likely significant air quality and odour effects associated with the proposed amended development.

3.4.2 During construction works there is potential for the creation of dust. Mitigation measures have been outlined to minimise dust emission. With the mitigation measures in place it is expected that any residual effects will be insignificant.

3.4.3 The operational effects of traffic have been discounted as insignificant. Overall, the operational air quality impacts on human health and sensitive ecosystems are considered to be insignificant. The potential for odour effect due to the operation of the facility are considered negligible and the overall significance of odour effects is insignificant.

### 3.5 Landscape and Visual Impact

3.5.1 A Landscape and Visual Impact Assessment was submitted as part of the consented application (2015/0137). The LVIA found that “the development would not result in any significant landscape or visual adverse effects.”

3.5.2 The S73 application will not make any physical or visual changes to the consented scheme, therefore, the LVIA submitted for the consented application remains relevant.

### **3.6 Noise and Vibration**

3.6.1 Based on the proposed amendments and the results of the original assessment, there are unlikely to be any additional impacts in relation to noise and vibration.

3.6.2 No additional noise assessment is required as part of this S73 application.

### **3.7 Ecology and Nature Conservation**

3.7.1 An updated ecology and nature conservation chapter has been included in the S73 application ES.

3.7.2 A total of 8 ecological features were identified on-site and off-site/ within the zone of influence.

3.7.3 A number of avoidance and mitigation measures have been outlined in this chapter. With the incorporation of these avoidance and mitigation measures there will be no impacts to any of these ecological features during the construction and operational phases.

3.7.4 Proposed enhancements will result in biodiversity gain.

### **3.8 Hydrogeology and Ground Conditions**

3.8.1 The amendments to the original proposed development will not change the assessment for Hydrogeology and Ground Conditions.

3.8.2 No further assessments for Hydrogeology and Ground Conditions are required for the development in light of the proposed S73 amendments.

### **3.9 Archaeology and Cultural Heritage**

3.9.1 The proposed amendments in this S73 application do not cause impacts on heritage assets and sensitive receptors. No new sensitive receptors need to be considered in the application. Recent changes to the National Planning Policy Framework do not create the need for reconsideration of heritage impacts in relation to the proposed amendments in this S73 application.

### **3.10 Climate Change**

3.10.1A Carbon Assessment has been submitted as part of this S73 application.

3.10.2The proposed amendments will make a positive contribution to the reduction of greenhouse gas emissions and meeting climate change objectives.

### **3.11 Socio-Economic Impacts**

3.11.1An Economic Benefit Statement has been prepared to accompany this S73 application. The Economic Benefit Statement demonstrates the potential economic benefits of the proposal locally and across the wider South Yorkshire area.

## 4. Summary and Conclusion

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- 4.1.1 The ES provides details of the work undertaken and considerations made in relation to the proposed amended development at the consented Renewable Energy Park comprising a Timber Resource Recovery Centre, on land off Houghton Main Colliery Roundabout, Park Spring Road, Houghton Main, Barnsley.
- 4.1.2 The ES addendum provides a description of the proposed amended development, an assessment of the likely and potential environmental impacts arising from the amended development, both during construction and operation of the proposed amended development and outlines the proposed measures incorporated into the proposals avoid, reduce and/or mitigate potential impacts arising from the amended development proposal.
- 4.1.3 The ES confirms that the impacts arising from the proposed amendments are negligible in traffic terms and insignificant in terms of Air Quality, Odour and Human Health impacts. No other potential impacts are identified including relating to amenity and cumulative impacts.
- 4.1.4 The statements contained within this ES confirm that existing technical assessments remain valid in terms of technical standards and national guidance.



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