

Forth Energy

Grangemouth Renewable Energy Plant: Scoping Report *Addendum*

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Contents

1	Addendum	1
1.1	Background	1
1.2	Need for an Addendum	1
1.3	Updated Site Description	1
1.4	Implications of Site Boundary Change	2
1.5	Consultation and Next Steps	2
	Appendix 1 – Proposed Site Plan	4

1 Addendum

1.1 Background

- 1.1.1 Forth Energy is seeking consent under Section 36 of the Electricity Act 1989 to construct and operate the 120 Megawatt (MW) Grangemouth Renewable Energy Plant (REP), on a site at the Port of Grangemouth. On 18 December 2009 Forth Energy submitted a Scoping Report in support of a request for a scoping opinion relating to the Environmental Impact Assessment (EIA) of the proposed development. The Scottish Government Energy Consents Unit (SGECU) issued this report to all statutory and non-statutory consultees on 24 February 2010, thereby commencing the formal scoping period. Consultees are invited to provide a response on the content and approach to the preparation of the EIA as documented in the Scoping Report.
- 1.1.2 The SGECU has set a deadline for responses to the scoping process as 18 March 2010.

1.2 Need for an Addendum

- 1.2.1 Since the submission of the scoping request for the Grangemouth REP, Forth Energy has continued to develop its plans for the site. This has led to the identification of a number of site-specific factors which have resulted in the need to refine the site boundary, to ensure the best operational flow of the proposed plant and equipment.
- 1.2.2 The amendment to the site boundary does not result in any change to the description of the proposed development that the scoping request relates to.
- 1.2.3 This addendum to the scoping report identifies the revised site boundary (Figure 2 (Rev A) included at Appendix 1), and details consequent changes to the proposed approach to the EIA. This addendum is to be read in conjunction with the original Scoping Report dated December 2009. Figure 2 (Rev A) in Appendix 1 of this Addendum supersedes and replaces Figure 2 in that report.

1.3 Updated Site Description

- 1.3.1 The revised site is in the same broad locality as that originally proposed in the Scoping Report, and encompasses a significant amount of the original area. The revised boundary provides a more regular shaped site within which to accommodate the proposed REP and avoids the requirement to realign the Central Dock Road.
- 1.3.2 The revised site is located in an area adjacent to Carron Dock and the Western Channel, utilising an area of 10.34 ha, wholly located within the operational boundary of Grangemouth Docks. The site is bounded to the north by the Central Dock Road, to the south by the dock railway spur and an area of scrub grassland, and to the east and west by existing port facilities including storage buildings and areas of hardstanding. The site includes an area extending eastwards along the southern edge of the Western Channel towards 'The Tongue' of Grange Dock. This area is proposed to incorporate the alignment of a conveyor to transfer fuel from the quayside to the proposed REP. The revised site no longer includes the East Quay area to the east of the site.
- 1.3.3 The site comprises a mix of scrub grassland and existing port facilities including storage buildings, areas of hardstanding and areas for the stockpiling of materials.
- 1.3.4 Figure 2 (Rev A) also illustrates two indicative potential 'areas of search' extending into the Firth of Forth which are included to accommodate cooling water pipe infrastructure to serve the REP. Only one set of cooling water pipes will be required for the operation of the plant, however the most appropriate location can only be selected as a consequence of the EIA process. The first of these areas extends to the north of the site and across the outflow of the River Carron and into

the Firth of Forth. The second extends to the east of the site along the alignment of the Grange Burn and into the Firth of Forth adjacent to the main sea lock entrance into the docks. The combined area of these two areas of search extends to 149.16 ha. The EIA process will consider and report on the detailed location of the cooling pipes.

1.4 Implications of Site Boundary Change

1.4.1 Forth Energy's consultant team has reviewed the implications of the revised site boundary on the approach to the Environmental Impact Assessment of the proposed development. This has included a review of potential environmental effects, and the methodology to assess identified effects.

1.4.2 As a consequence of this review, the consultant team has confirmed that the revised site boundary will not result in any change to the content of the Scoping Report, or the proposed approach to the preparation of the EIA.

1.5 Consultation and Next Steps

1.5.1 The revised site boundary, as documented in this Addendum is submitted to the SGECU, and in tandem with this is being circulated to all statutory and non-statutory consultees.

1.5.2 The SGECU has also modified its list of consultees since the request for a scoping opinion was submitted, identifying a number of additional non-statutory consultees to be included in the circulation of the request for a scoping opinion. Those consulted originally are identified in table 1.2 on page 7 of the Scoping Report. The additional consultees are noted as follows:

- Clackmannanshire Council
- Friends of the Earth
- Greenpeace
- Scottish Wildlife Trust
- Scotways
- Sustainable Development Commission
- WWF Scotland
- COSLA
- Scottish Government Renewable Strategy and On-shore Renewables Division
- Scottish Government Waste and Pollution Reduction Division
- Scottish Government Water, Air, Soil and Flooding Division

1.5.3 Consultee responses should be directed in all instances, in writing, to the SGECU (with a copy also sent to Forth Energy) at the addresses below, by the deadline set by the SGECU of 18 March 2010.

<p>The Energy Consents and Deployment Team Renewable Energy Division Scottish Government 4th Floor, 5 Atlantic Quay 150 Broomielaw Glasgow G2 8LU</p>	<p>Head of Planning Forth Energy 1 Prince of Wales Dock Edinburgh EH6 7DX</p>
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- 1.5.4 It should be noted that consultees' responses will not be treated as confidential unless confidentiality is explicitly requested in the consultee's response.
- 1.5.5 All responses will be duly considered and where appropriate, the scope of the EIA will be amended. The ES will present the outcomes of the scoping and consultation process and explain how comments were addressed.

Appendix 1 – Proposed Site Plan

