

Date: 1 March 2022  
Your Ref: ECU00003433  
Our Ref: 15417



Energy Consents Unit  
Scottish Government  
4<sup>th</sup> Floor  
5 Atlantic Quay  
150 Broomielaw  
Glasgow  
G2 8LU

6 New Bridge Street  
London EC4V 6AB  
T: 020 7489 0213  
F: 020 7248 4743  
E: info@dwdllp.com  
W: dwdllp.com

**FAO: Alan Brogan**

Dear Mr Brogan

**SSE THERMAL GENERATION (SCOTLAND) LIMITED**

**PETERHEAD LOW CARBON CCGT PROJECT, LAND AT AND IN THE VICINITY OF THE PETERHEAD POWER STATION SITE, NEAR BODDAM, PETERHEAD, ABERDEENSHIRE**

**THE ELECTRICITY ACT 1989 – SECTION 36**

**THE TOWN AND COUNTRY PLANNING (SCOTLAND) ACT 1997 (AS AMENDED) – SECTION 57(2)**

**THE ELECTRICITY WORKS (ENVIRONMENTAL IMPACT ASSESSMENT) (SCOTLAND) REGULATIONS 2017**

On behalf of SSE Thermal Generation (Scotland) Limited (the 'Applicant') I submit an application (the 'Application') seeking consent for the Peterhead Low Carbon CCGT Project from the Scottish Ministers under Section 36 of 'The Electricity Act 1989' (the '1989 Act') and a direction deeming planning permission to be granted under Section 57(2) of 'The Town and Country Planning (Scotland) Act 1997'.

The Applicant is seeking consent for the construction and operation of a low carbon combined cycle gas turbine (CCGT) generating station with a capacity of up to 910 megawatts gross electrical capacity, including post-combustion carbon capture plant and works to the existing cooling water, natural gas and electrical grid connections and ancillary works (the 'Proposed Development') on land at and in the vicinity of the existing Peterhead Power Station Site near Boddam, Peterhead in Aberdeenshire.

The carbon capture plant will capture the CO<sub>2</sub> emissions generated through the combustion of natural gas in the CCGT, which will then be compressed and transported by a pipeline operated (and consented under a separate application) by the Acorn CCS Project for permanent storage under the North Sea.

The Proposed Development represents an Environmental Impact Assessment ('EIA') development under Schedule 1 "(2) *thermal generating station with a heat output of 300 megawatts or more ...*" of 'The Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017' and therefore an EIA Report, including Non-Technical Summary, has been produced.

The Application comprises the following documents and plans:



1. Application Cover Letter – this letter.
2. A draft copy of the public notice proposed to publicise the Application in national and local newspapers.
3. List of Consultees – listing those persons to who the Applicant intends to send a copy of the Application documents, including EIA Report, in addition to a copy of the published notice publicising the Application and stating a date for the submission of representations to the Scottish Ministers on the Application.
4. Site Location Plan Ref. 60650403-010.
5. Application Site Boundary Plan Ref. 60650403-021.
6. Landownership Plan ref. 60650403-022.
7. Indicative Layout Plan (Option 1) Ref. 60650403-031.
8. Indicative Layout Plan (Option 2) Ref. 60650403-032.
9. Indicative Layout Plan (Option 3) Ref. 60650403-033.
10. Indicative CCGT/CCP (Main Site) Elevations Plan Ref. 60650403-041.
11. Indicative Ancillary Site and Water Treatment Elevations Plan Ref. 60650403-042.
12. Indicative Construction Laydown Areas Plan Ref. 60650403-050.
13. Indicative Connections Plan Ref. 60650403-060.
14. Outline Landscape and Biodiversity Strategy Plan Ref. 60650403-070.
15. Pre-Application Consultation (PAC) Report.
16. Planning Statement.
17. Design and Access Statement.
18. EIA Report:
  - Volume 1: Non-Technical Summary.
  - Volume 2: EIA Main Report.
  - Volume 3: Figures.
  - Volume 4: Appendices.
19. Carbon Capture Readiness Report.
20. Combined Heat and Power Readiness Assessment.

The above documents have been uploaded to the Energy Consents Unit Portal.

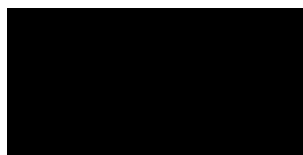
The Applicant has undertaken pre-application consultation on the Proposed Development. This includes two stages of pre-application consultation. Stage 1 provided early information on the proposals and took place in May and early June 2021, while Stage 2 on the Applicant's more developed proposals took place from late August to early October 2021. The PAC Report, which forms part of the Application, details the consultation undertaken, the comments and feedback received and how regard has been had to those comments and feedback.

The Applicant has prepared and submitted a Carbon Capture Readiness Report in accordance with 'The Carbon Capture Readiness (Electricity Generating Stations) Regulations 2013' to demonstrate that the Proposed Development is CCR and that it is technically and economically feasible to transport the captured CO<sub>2</sub> to available storage sites.

The Applicant has paid the relevant application fee of £280,000.00 under 'The Electricity (Applications for Consent and Variation of Consent) (Fees) (Scotland) Regulation 2019'.

All of the application documents are available to view on the project website: <https://www.ssethermal.com/flexible-generation/development/peterhead-carbon-capture/>

Yours sincerely



**Geoff Bullock**  
**Partner**  
**DWD – on behalf of SSE Thermal Generation (Scotland) Limited**

