



Industrial Emissions Licence

APPLICATION FORM

Organisation: SSE Generation Ireland Limited

Reg. No.: P0606-04

Application Receipt Date: 29 September 2020

Environmental Protection Agency

P.O. Box 3000, Johnstown Castle Estate, Co. Wexford

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Web: www.epa.ie

Email: licensing@epa.ie

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ABOUT THIS APPLICATION FORM

Application for an Industrial (including Intensive Agriculture) Licence or a Waste Licence or Review of a Licence

This application/review application covers three licence types; Industrial Emissions (IE), Integrated Pollution Control (IPC) and Waste, under the Environmental Protection Agency Act 1992 as amended and the Waste Management Act 1996 as amended.

This application has been developed by the EPA for the purposes of:

- Making an application to the EPA for a licence or review of a licence or revised licence. In this case, licence means Industrial Emissions (IE), Integrated Pollution Control (IPC) or Waste Licence.

Further information and guidance on the licence application and review process is available on the EPA's website at: www.epa.ie.

Your licence application/review and all supporting information should be submitted to the EPA via EDEN, hereafter called 'Application Form'.

About the Application Form

The 'Application Form' must be completed in accordance with the instructions included in EDEN and available on the EPA website. A valid application for a licence must contain the information prescribed in the relevant Licensing Regulations available on the EPA website. The Regulations sets out the statutory requirements for information to accompany a licence application. The application form is designed in such a way as to set out these questions in a structured manner and not necessarily in the order presented in Regulation.

This 'Application Form' does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Environmental Protection Agency Act 1992 as amended or Waste Management Act 1996 as amended and the associated Regulations. While every effort has been made to ensure the accuracy of the material contained in the 'Application Form', the EPA assumes no responsibility and gives no guarantees, undertakings and warranties concerning the accuracy, completeness or up-to-date nature of the information provided herein and does not accept any liability whatsoever arising from any errors or omissions.

Should there be any contradiction between the information requirements set out in the 'Application Form' and any clarifying explanation on the EPA website then the requirements in this 'Application Form' shall take precedence. The requirements of the Regulations, shall take precedence over any considerations mentioned in this 'Application Form' or on the website.

Public Access

Information supplied in this 'Application Form' including supporting documentation and attachments will be put on public display on the internet and is therefore open to inspection by any person.

Confidential Information

Should you consider information to be confidential, this information should be submitted in a separate enclosure to the headquarters of the EPA bearing the legend "In the event this information is deemed not to be held as confidential, it must be returned to". In the event that the information is considered to be of a confidential nature, then the nature of this information, and the reasons why it is considered confidential (with reference to the "Access to Information on the Environment" Regulations) should be stated in the submission and the 'Application Form', where relevant.

Attachment format and file size

All files attached to this 'Application Form' should be submitted in searchable PDF format and be no larger than 10MB each in size.

The information you provide in this 'Application Form' will be used by the EPA to assess your application and may be used for other EPA purposes.

Please note that the EPA is subject to Freedom of Information Act 2014 and the Access to Environmental Information Regulations 2007 as amended. Any information that you save to EDEN at any time will be stored on the EPA's IT system and will be made available as required under law, including the above legislation.

The system generated Application ID for this licence application/review is: **LA006988**

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1. Introduction

1.1. New/Review Authorisation Application

Existing Licence Reg No: P0606-03

Reasons for the licence review:

- Additional Class of Activity
- Increase in capacity
- Increase in emissions
- Waste acceptance change
- New/relocated emission point(s)
- Site related change (hours of operation, boundary, etc.)
- New abatement equipment
- Other

Upload details of why you are applying for a licence review, in accordance with the guidance.

Document Type	Document Name
Reason for Review	1-1 Application Reason Version 1 220920

1.2. Non-Technical Summary

Upload a copy of the non-technical summary in accordance with the guidance.

Document Type	Document Name
Non Technical Summary	1.2 Non Technical Summary Rev 1 290920

2. Organisation

2.1 Organisation Details

Business type

Body Corporate

Company CRO (Registration) number

459400

Organisation Name

SSE Generation Ireland Limited

Organisation Address

Great Island Generation Station
Campile
New Ross
New Ross
Wexford
Y34 KC62

Organisation Registered Address

Red Oak South
South County Business Park
Leopardstown
Dublin
D18 W688

Organisation's Website Address

Not Provided

Upload a Certificate of Incorporation, in accordance with the guidance, if applicable

Document Type	Document Name
Certificate of Incorporation	2-1 Combined Certificate of Incorporation 060820



Check that the CRO number presented above is identical to the CRO number provided in: (i) the initial Licence Application to the EPA for this installation/facility

Or

(ii) the Licence Transfer application which transferred this licence to the applicant organisation.

Tick box if you can confirm this.

If not, please contact the EPA at licensing@epa.ie as a Licence Transfer may be required

If the applicant is NOT the operator, please upload an attachment that states the name, address and telephone number of the operator and, if the operator is a body corporate, the address of its registered office or principal office (Optional):

Document Type	Document Name
No files uploaded	

Tick to confirm that the above organisation details are correct

NUTS 2 Code	NACE Code
IE052	3511

State the number of employees and other persons working or engaged in connection with activity on the date after which a licence is required and during normal levels of operation

46

2.2 Primary Contact for Correspondence on this Application

Primary Contact

Mr. Jonathan Storey

Position in Organisation

Administrator

Business Mobile Number

+353 (86) 411 6368

Landline Number

0539154280

Email Address

jonathan.storey@sse.com

Address of Primary Contact

Great Island

Campile

New Ross

Wexford

Y34 KC62

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2.3 Primary Contact for Correspondence – Post Determination

Primary Contact

Mr. Jonathan Storey

Position in Organisation

Administrator

Business Mobile Number

Address of Primary Contact

Great Island

Campile

New Ross

Wexford

Y34 KC62

+353 (86) 411 6368

Landline Number

0539154280

Email Address

jonathan.storey@sse.com

2.4 Holding (Parent) Company

Does the organisation have a holding (parent) company?

Yes

Holding (parent) company name

The holding company is SSE Generation Ireland Limited and SSE Generation Limited is in turn a wholly owned subsidiary of SSE PLC.

2.5 Fit and Proper Person

Convictions and Financial Commitment

Has the applicant or other relevant person been convicted as per guidance?

No

Indicate whether the applicant or other relevant person has current or past bankruptcy or other insolvency proceedings against them or has entered into an arrangement with its creditors or suspended its business activities

No

- Please confirm that the applicant, or other relevant persons, will be in a position to meet any financial commitments or liabilities that may have been or will be entered into or incurred in carrying on the activity to which the application relates or in consequence of ceasing to carry out that activity

Financial Commitments Declaration

Please download the attached declaration form, sign and upload the signed copy as a PDF document

Document Type	Document Name
Fit and Proper Declaration	2-5 Financial Commitments Declaration

Technical Knowledge

Upload details of the applicant's technical knowledge and/or qualifications, along with that of other relevant employees.

Document Type	Document Name
Technical Knowledge	2-6 Technical knowledge 060820_01

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3. Site

3.1 Site Name and Address

State the site name (update if necessary)

SSE Generation Ireland Limited (Great Island)

Site Address

Great Island Generating Station

Campile

New Ross

Wexford

Y34KC62

NUTS 2 Code

IE05

NUTS 3 Code

IE052

NACE Code

3511

Site Telephone Number

053 9154286

3.2 Site Geographical Location

Site Centre Point – Easting

(Irish Grid Reference – 6 digits)

268907

Site Centre Point – Northing

(Irish Grid Reference – 6 digits)

114574

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Does the site cover multiple townlands?

No

Upload a copy of the site plan(s) in accordance with the guidance:

Document Type	Document Name
Site Plan	SSE Great Island 3D Risk Map 2020

Upload a copy of the location map in accordance with the guidance:

Document Type	Document Name
Site Map	3-2 Site Location Map 060820_01
Site Map	CCGT GREAT ISLAND OSI MAP (1)
Site Map	CCGT GREAT ISLAND REV.06

3.3 Site Contact

Primary Contact

Mr. Jonathan Storey

Position in Organisation

Administrator

Business Mobile Number

+353 (86) 411 6368

Landline Number

0539154280

Email Address

jonathan.storey@sse.com

3.4 Site and Building Ownership

Is the applicant (or will the applicant be, in the case of a new activity) the owner of the site where the proposed activity is to take place?

Yes

Is the applicant (or will the applicant be, in the case of a new activity) the owner of the building where the proposed activity is to take place?

Yes

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4. Activity and Capacity

4.1 Sectors and Classes of Activity

Add sectors and corresponding Classes of Activity relevant to the operation. Then select one Main Class of Activity using the radio buttons.

Sector	Activity and Description	IED Category of Activity	Main Class of Activity
Energy	2.1 – Combustion of fuels in installations with a total rated thermal input of 50 MW or more.	1.1	Yes

4.2 Application Type Confirmation

Based on the activities selected above the application type has been determined as:

Industrial Emissions Licence

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4.3 Waste Activities

Section Not Required - based on applicant's response

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4.4 Capacity

Other Capacity

Do you have to provide capacity information as per the guidance?

No

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4.5 Other Regulations or Directives

Select all other regulations and directives that are relevant for activities carried out or proposed to be carried out at the installation or facility

- 1 **EC (Control of Major Accident Hazards involving Dangerous Substances) Regulations (S.I. No. 74 of 2006)**

Yes

Authorisation Number(where relevant)

Status (where relevant)

N/a

Active

- 2 **Greenhouse gas emissions regulations permit**

Yes

Authorisation Number(where relevant)

Status (where relevant)

IE-GHG066-10378-4

Active

- 3 **GMO regulations permit**

No

- 4 **Waste authorisation (certificate of registration, waste facility permit) regulations**

No

- 5 **Operator of equipment and systems containing ozone depleting substances, in accordance with Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer**

No

- 6 **Operator of equipment and systems containing fluorinated greenhouse gases, in accordance with Regulation (EC) No. 842/2006 on certain fluorinated greenhouse gases**

No

- 7 **European Communities Mercury (Export Ban and Safe Storage) Regulations (S.I. No. 27 of 2012)**
No
- 8 **S.I. No 564 of 2012: European Union (Paints, Varnishes, Vehicle Refinishing Products and Activities) Regulations 2012**
No
- 9 **Regulation (EC) No 1102/2008 of the European Parliament and of the Council of 22 October 2008 on the banning of exports or metallic mercury and certain mercury compounds and mixtures and the safe storage of metallic mercury**
No
- 10 **Operator of an agro-food processing plant where Article 13 of the Council Directive 91/271/EEC concerning urban waste water treatment (> 4,000p.e WWTP discharging to surface water) applies**
No
- 11 **Local Government (Water Pollution) Act, 1977 (Control of Cadmium Discharges) Regulations 1985 (S.I. No. 294 of 1985);**
No
- 12 **Local Government (Water Pollution) Act, 1977 (Control of Hexachlorocyclohexane and Mercury Discharges) Regulations 1986 (S.I. No. 55 of 1986)**
No
- 13 **Local Government (Water Pollution) Acts, 1977 and 1990 (Control of Carbon Tetrachloride, DDT and Pentachlorophenol Discharges) Regulations 1994 (S.I. No. 43 of 1994)**
No

14 **Medium Combustion Plant Directive (EU) 2015/2193 on the limitation of emissions of certain pollutants into the air from medium combustion plants.**

No

Uploaded a document that describes how each selected regulation or directive is applicable to the activities

Document Type	Document Name
Applicable Regulations	4-5 Other Regulations and Directives 010920_01

Extractive Waste Regulations

Do the Extractive Waste Regulations (Waste Management (Management of Waste from the Extractive Industries) Regulations) apply to your activities?

No

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4.6 Resource and Energy Usage

Water Usage

Do you or do you propose to abstract groundwater for use at the installation or facility?

No

Do you or do you propose to abstract surface water for use at the installation or facility?

Yes

Do you or do you propose to use water from the public supply for use at the installation or facility?

Yes

Do you or do you propose to use water from another source for use at the installation or facility?

No

Electricity Usage

Do you or do you propose to generate renewable electricity at the installation or facility?

No

Do you or do you propose to generate non-renewable electricity at the installation or facility?

Yes

Water and Energy Usage

Upload tabulated details of water and energy used or generated on the site.

Document Type	Document Name
Water and Energy Usage	4.6-1-Water-Energy 220920_01

Raw Materials, Intermediates and Products

Upload tabulated details of process related raw and ancillary materials, substances, preparations, intermediates, products etc., which will be produced by or utilised in the activity

Document Type	Document Name
Materials Used or Generated	4.6-2-Raw-Material-Interm-Products 220920_01

4.7 BAT (Best Available Techniques)

BAT Conclusions

Licence BAT Assessment		
CID 2017/1442/EU	Best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for large combustion plants	
General BAT Conclusions		
BATC No.	Objective / Licensee Response / Attachment	Applicability
1	<p>In order to improve the overall environmental performance, BAT is to implement and adhere to an environmental management system (EMS) that incorporates all of the following features:</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
2	<p>BAT is to determine the net electrical efficiency and/or the net total fuel utilisation and/or the net mechanical energy efficiency of the gasification, IGCC and/or combustion units by carrying out a performance test at full load (1), according to EN standards.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
3	<p>BAT is to monitor key process parameters relevant for emissions to air and water including those given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
4	<p>BAT is to monitor emissions to air with at least the frequency given below and in accordance with EN standards. If EN standards are not available, BAT is to use ISO, national or other international standards that ensure the provision of data of an equivalent scientific quality.</p> <p>Click on the '[?]' link to see the full text of the BAT</p>	Yes

	<p>conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	
5	<p>BAT is to monitor emissions to water from flue-gas treatment with at least the frequency given below and in accordance with EN standards. If EN standards are not available, BAT is to use ISO, national or other international standards that ensure the provision of data of an equivalent scientific quality.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
6	<p>In order to improve the general environmental performance of combustion plants and to reduce emissions to air of CO and unburnt substances, BAT is to ensure optimised combustion and to use an appropriate combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions.</p>	Yes
7	<p>In order to reduce emissions of ammonia to air from the use of selective catalytic reduction (SCR) and/or selective non-catalytic reduction (SNCR) for the abatement of NOX emissions, BAT is to optimise the design and/or operation of SCR and/or SNCR (e.g. optimised reagent to NOX ratio, homogeneous reagent distribution and optimum size of the reagent drops).</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
8	<p>In order to prevent or reduce emissions to air during normal operating conditions, BAT is to ensure, by appropriate design, operation and maintenance, that the emission abatement systems are used at optimal capacity and availability.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p>	Not Applicable

	Response : See attachment 4-7 BAT Conclusions	
9	<p>In order to improve the general environmental performance of combustion and/or gasification plants and to reduce emissions to air, BAT is to include the following elements in the quality assurance/quality control programmes for all the fuels used, as part of the environmental management system (see BAT 1):</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
10	<p>In order to reduce emissions to air and/or to water during other than normal operating conditions (OTNOC), BAT is to set up and implement a management plan as part of the environmental management system (see BAT 1), commensurate with the relevance of potential pollutant releases, that includes the following elements:</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
11	<p>BAT is to appropriately monitor emissions to air and/or to water during OTNOC.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
12	<p>In order to increase the energy efficiency of combustion, gasification and/or IGCC units operated $\geq 1\ 500$ h/yr, BAT is to use an appropriate combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
13	<p>In order to reduce water usage and the volume of contaminated waste water discharged, BAT is to use one or both of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT</p>	Yes

	<p>conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	
14	<p>In order to prevent the contamination of uncontaminated waste water and to reduce emissions to water, BAT is to segregate waste water streams and to treat them separately, depending on the pollutant content.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
15	<p>In order to reduce emissions to water from flue-gas treatment, BAT is to use an appropriate combination of the techniques given below, and to use secondary techniques as close as possible to the source in order to avoid dilution.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
16	<p>In order to reduce the quantity of waste sent for disposal from the combustion and/or gasification process and abatement techniques, BAT is to organise operations so as to maximise, in order of priority and taking into account life-cycle thinking:</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
17	<p>In order to reduce noise emissions, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes

Licence BAT Assessment	
CID 2017/1442/EU	Best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for large combustion plants

Combustion of Gaseous Fuels		
BATC No.	Objective / Licensee Response / Attachment	Applicability
40	<p>In order to increase the energy efficiency of natural gas combustion, BAT is to use an appropriate combination of the techniques given in BAT 12 and below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
41	<p>In order to prevent or reduce NOX emissions to air from the combustion of natural gas in boilers, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
42	<p>In order to prevent or reduce NOX emissions to air from the combustion of natural gas in gas turbines, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
43	<p>In order to prevent or reduce NOX emissions to air from the combustion of natural gas in engines, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
44	<p>In order to prevent or reduce CO emissions to air from the combustion of natural gas, BAT is to ensure optimised combustion and/or to use oxidation catalysts.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes
45	<p>In order to reduce non-methane volatile organic</p>	Not Applicable

	<p>compounds (NMVOC) and methane (CH₄) emissions to air from the combustion of natural gas in spark-ignited lean-burn gas engines, BAT is to ensure optimised combustion and/or to use oxidation catalysts.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	
46	<p>In order to increase the energy efficiency of the combustion of iron and steel process gases, BAT is to use an appropriate combination of the techniques given in BAT 12 and below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
47	<p>In order to prevent or reduce NOX emissions to air from the combustion of iron and steel process gases in boilers, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
48	<p>In order to prevent or reduce NOX emissions to air from the combustion of iron and steel process gases in CCGTs, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
49	<p>In order to prevent or reduce CO emissions to air from the combustion of iron and steel process gases, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable

50	<p>In order to prevent or reduce SOX emissions to air from the combustion of iron and steel process gases, BAT is to use a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
51	<p>In order to reduce dust emissions to air from the combustion of iron and steel process gases, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
52	<p>In order to improve the general environmental performance of the combustion of gaseous and/or liquid fuels on offshore platforms, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
53	<p>In order to prevent or reduce NOX emissions to air from the combustion of gaseous and/or liquid fuels on offshore platforms, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
54	<p>In order to prevent or reduce CO emissions to air from the combustion of gaseous and/or liquid fuels in gas turbines on offshore platforms, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable

Licence BAT Assessment		
CID 2017/1442/EU	Best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for large combustion plants	
Combustion of Liquid Fuels		
BATC No.	Objective / Licensee Response / Attachment	Applicability
28	<p>In order to prevent or reduce NOX emissions to air while limiting CO emissions to air from the combustion of HFO and/or gas oil in boilers, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
29	<p>In order to prevent or reduce SOX, HCl and HF emissions to air from the combustion of HFO and/or gas oil in boilers, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
30	<p>In order to reduce dust and particulate-bound metal emissions to air from the combustion of HFO and/or gas oil in boilers, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
31	<p>In order to increase the energy efficiency of HFO and/or gas oil combustion in reciprocating engines, BAT is to use an appropriate combination of the techniques given in BAT 12 and below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable

32	<p>In order to prevent or reduce NOX emissions to air from the combustion of HFO and/or gas oil in reciprocating engines, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
33	<p>In order to prevent or reduce emissions of CO and volatile organic compounds to air from the combustion of HFO and/or gas oil in reciprocating engines, BAT is to use one or both of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
34	<p>In order to prevent or reduce SOX, HCl and HF emissions to air from the combustion of HFO and/or gas oil in reciprocating engines, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
35	<p>In order to prevent or reduce dust and particulate-bound metal emissions from the combustion of HFO and/or gas oil in reciprocating engines, BAT is to use one or a combination of the techniques given below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Not Applicable
36	<p>In order to increase the energy efficiency of gas oil combustion in gas turbines, BAT is to use an appropriate combination of the techniques given in BAT 12 and below.</p> <p>Click on the '[?]' link to see the full text of the BAT conclusion.</p> <p>Response : See attachment 4-7 BAT Conclusions</p>	Yes

37	In order to prevent or reduce NOX emissions to air from the combustion of gas oil in gas turbines, BAT is to use one or a combination of the techniques given below. Click on the '[?]' link to see the full text of the BAT conclusion. Response : See attachment 4-7 BAT Conclusions	Yes
38	In order to prevent or reduce CO emissions to air from the combustion of gas oil in gas turbines, BAT is to use one or a combination of the techniques given below. Click on the '[?]' link to see the full text of the BAT conclusion. Response : See attachment 4-7 BAT Conclusions	Yes
39	In order to prevent or reduce SOX and dust emissions to air from the combustion of gas oil in gas turbines, BAT is to use the technique given below. Click on the '[?]' link to see the full text of the BAT conclusion. Response : See attachment 4-7 BAT Conclusions	Yes

BREF

Select all relevant BAT reference document(s) (BREFs), provide an assessment against each

BREF	Document Type	BREF Document Name
Large Combustion Plants	BREF Assessment	4-7 BAT Conclusions 220920_01

EPA National BAT

Select all relevant EPA BAT guidance notes and attach the assessments made against them

EPA Bat Guidance Note	Document Type	EPA National BAT Assessment Document Name
<i>No files uploaded</i>		

4.8 Reports

Operational Report

Upload an 'Operational Report' for the activity in accordance with the guidance

Document Type	Document Name
Operational Report	4-8 Operational Report 220920_01 App

Baseline Report

Has an assessment and or Baseline Report previously been submitted to the EPA in relation to this site as per the [European Commission's guidance concerning baseline reports](#)

No

Upload a report that addresses sections 1 to 3 of the European Commission's guidance concerning baseline reports

Document Type	Document Name
Baseline Screening	4-8 Baseline Report 220920_01 App

Does the report referred to above specify that a Baseline Report is required?

No

Site Condition Report

Upload a document that describes the condition of the site of the installation or facility in accordance with the guidance

Document Type	Document Name
Site Condition Report	4-8 Site Condition Report 060820_01

4.9 Solvents

Do you or do you intend to use organic solvents at the installation or facility?

No

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4.10 Large Combustion Plants

Completed Template

Document Type	Document Name
LCP Section	4.10-LCP 220920_01 App

Additional Documents

Upload the additional documents referred to in the completed template

Document Type	Document Name
<i>No files uploaded</i>	

Additional Questions

Does or will Chapter III of the IED apply to the plant or plant(s) identified?

Yes

Upload a description of the abatement methods and technology proposed to be used at the LCP units/plants at the installation using the template provided.

Document Type	Document Name
LCP Abatement Methods	4.10-1-LCP-Abatement 220920_01

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4.11 Incineration and Co-Incineration

Section Not Required - based on applicant's response

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5. Financial

5.1 Financial Template

Completed template

Document Type	Document Name
Financial Application Section	5-1-Financial (1)

5.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Fee Payment Evidence	5-1 Evidence of Payment

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6. Stakeholder Engagement

6.1 Stakeholder Engagement Template

Completed template

Document Type	Document Name
Stakeholder Engagement Section	6-1-Stakeholder-Engagement 010920

6.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Evidence of Notices	6-1 Stakeholder Engagement 290920_01
NIS	Natura Impact Statement 91201530
Planning Decision	Combined Wexford Co Co Planning Files
Planning Decision	An Bord Pleanála RPC0078 Direction

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7. Emissions

7.1 Overview

Emissions, Discharges and Landspreading Applicability

With reference to the emissions/discharges from the installation and any associated landspreading activity indicate whether the thematic is applicable by inserting yes or no (Note: If you select 'no' you are indicating that there are no emissions of this type and your application will be considered on this basis)

Emission Type	Applicable
Emissions to Surface Water (not including Storm Water)	Yes
Emissions to Sewer	No
Emissions to Air (including minor, potential and fugitive emissions to air)	Yes
Noise Emissions and Noise Monitoring Points	Yes
Emissions to Ground (including disposal of sanitary effluent and potential emissions to ground) and Landspreading	Yes
Storm Water Discharges	Yes

Emissions Overview Template

Completed template

Document Type	Document Name
Emissions Overview Section	7.1-1-Emissions-Overview 220920_1

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Emissions Compliance Report	7-1 Overview of Emissions 109020_01
Emissions Compliance Report	Environmental Noise Survey 2019
Emissions Compliance Report	Emissions Compliance Report 010920_01
Emissions Impact Assessment	Surface Water Modelling Report
Emissions Impact Assessment	Great Island Air Dispersion Model

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7.2 Emissions to Surface Water (not including Storm Water)

Emissions to Surface Water (not including Storm Water) Template

Completed template

Document Type	Document Name
Emissions - Surface Water Section	7.2-1-Surface-Water 220920_01

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7.3 Emissions to Sewer

Section Not Required – based on applicant's response

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7.4 Emissions to Air (including minor, potential and fugitive emissions to air) Emissions to Air (including minor, potential and fugitive emissions to air) Template

Completed template

Document Type	Document Name
Emissions - Air Section	7.4-1-Air-Main 220920

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Minor - Potential Emissions	7.4-2-Air-Minor-Potential 100920_01

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7.5 Noise Emissions and Noise Monitoring Points

Noise Emissions and Noise Monitoring Points Template

Completed template

Document Type	Document Name
Emissions - Noise Section	7.5-Noise 300720_01

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7.6 Emissions to Ground and Landspreading

Emissions to Ground and Landspreading Template

Completed template

Document Type	Document Name
Emissions - Ground Section	7.6-1-Ground

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Emissions to Ground Controls	SSE Contractor Area Treatment Plant
Emissions to Ground Controls	SSE Great Island DFL DJF (IGSL Report No 20661)

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7.7 Storm Water Discharges

Storm Water Discharges Template

Completed template

Document Type	Document Name
Storm Water Section	7.7-1-Storm-Water 220920

Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Storm Water Monitoring	7-7-2 Stormwater Results

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8. Waste Generated On-Site

8.1 Waste Generated On-Site Template

Completed template

Document Type	Document Name
Waste Generated Section	8-1-Waste 220920_01

8.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
Waste Hierarchy	8-1 Waste Management 220920 App

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9. Environmental Management and Techniques

9.1 Environmental Management and Techniques Template

Completed template

Document Type	Document Name
EMT Section	9-1-EMT 220920 App

9.2 Additional Documents

Upload additional documents referred to in the completed template

Document Type	Document Name
ELRA	4320-20-02 SSE Great Island, ELRA
Site Closure	4320-20-01 SSE Great Island, CRAMP

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10. Submit Application

Prior to submitting your completed application, please tick the box below to confirm the following:

- I declare that all the information and particulars given in this application form and all associated attachments are truthful, accurate and complete to the best of my knowledge and belief.
- I give consent to the EPA to copy this application form and all associated attachments for its own use and to make it available for inspection and copying by the public both in paper form and on the EPA's website. This consent relates to the application form itself, all associated attachments and to any further information, submission, objection, or submission to an objection whether provided by me as applicant or any person acting on the applicant's behalf.

I confirm

First Name

Jonathan

Surname

Storey

Position

Environmental & Chemistry Co-Ordinator

Upload a copy of scanned signature and company stamp

Document Type	Document Name
Signature and Company Stamp	10.1 EPA 29092020