



Headquarters  
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Ireland

TECHNICAL AMENDMENT C  
TO  
INDUSTRIAL EMISSIONS LICENCE

<b>Licence Register Number:</b>	P0606-03
<b>Licensee:</b>	SSE Generation Ireland Limited
<b>Location of Installation:</b>	Great Island Generating Station Campile New Ross County Wexford

## ***Reasons for the Decision***

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of licence Reg. No. P0606-03 granted on the 16/03/2011, as amended on the 24/02/2014, 19/12/2013, 04/09/2012, as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Act 1992 as amended.

## ***Technical Amendment***

In pursuance of the powers conferred on it by Section 96(1) (c) of the Environmental Protection Agency Act 1992 as amended, the Agency amends the licence, granted to SSE Generation Ireland (CRO Number 45900), Airtricity house, Ravenscourt Office Park, Sandyford, Dublin 18, for an installation located at Great Island Generating Station, Campile, New Ross, Co. Wexford.

Henceforth, the licence shall be read in conjunction with Amendment A issued on 04/09/2012, Amendment B issued on 24/02/2014 and Section 82(A)(11) Amendment issued on 19/12/2013 and the amendments set out below.

This technical amendment is limited to the following Condition(s) and Schedule(s):

## Amendments

### New Condition

#### 3.19

Insert new Condition 3.19 to the licence to read as follows:

- 3.19 The licensee shall determine the duration of start-up and shut-down periods for the power plant. These periods shall be determined in accordance with the provisions of Commission Implementing Decision of 7th May 2012 concerning the determination of these periods for the purposes of Directive 2010/75/EU on industrial emissions.

### Amended Condition

#### 4.1

Amend Condition 4.1.2 of the licence to read as follows:

#### 4.1.2 Continuous Monitoring on emission points A2-1

- (i) The value of the 95% confidence intervals of a single measured result shall not exceed the following percentages of the emission limit values:

Nitrogen Oxides (as NO <sub>x</sub> )	20%
Carbon Monoxide (CO)	10%
Sulphur dioxide (as SO <sub>2</sub> )	20%
Dust (Particulate Matter)	30%

- (ii) The validated hourly and daily average values shall be determined from the measured valid hourly average value after having subtracted the value of the confidence interval specified above. Any day's results in which more than three hourly average values are invalid due to malfunction or maintenance of the continuous measurement system shall be invalidated. If more than 10 days a year are invalidated the licensee shall take

action as appropriate to improve the reliability of the continuous monitoring system.

- (iii) No validated daily average value shall exceed 110% of the emission limit value
- (iv) 95% of all the validated hourly average values over the year shall not exceed 200% of the emission limit value
- (v) No validated monthly average value shall exceed the emission limit value.

### **New Condition**

#### **6.17**

Add new Condition 6.17 to the licence to read as follows.

- 6.17 Sampling and analysis of relevant polluting substances and measurements of p[rocess parameters as well as the quality assurance of automated measuring systems and the reference measurement methods to calibrate those systems shall be carried out in accordance with CEN standards. If CEN standards are not available, ISO, national or other international standards which ensure the provision of data of an equivalent scientific quality shall apply.

The automated measuring systems shall be subject to control by means of parallel measurements with the reference methods at least once per year. The licensee shall inform the Agency of the results of the checking of the automated measuring systems.

**Amended Schedules:**

**B.1**

Amend Schedule B.1: Emission to Air of the existing licence to read as follows:

*B.1 Emissions to Air*

Emission Point Reference No.: A2-1 (Firing on Natural Gas)  
 Rating: 741 MW<sub>th</sub> Thermal Input  
 Location: Main Stack (Adjacent to Heat Recovery Steam Generator)  
 Volume to be emitted: Maximum in any one day: 66,156,480m<sup>3</sup>  
 Maximum rate per hour : 2,756,520m<sup>3</sup>  
 Minimum discharge height: 60 m above ground

Parameter	Emission Limit Value mg/m <sup>3</sup> (From 01/01/2016)
Oxides of Sulphur (as SO <sub>2</sub> )	10
Nitrogen Oxides (as NO <sub>2</sub> )	50
Carbon Monoxide (Note 1)	100
Dust	5

Note 1: ELV's for NO<sub>2</sub> and CO shall apply only above 70% load.

*B.1 Emissions to Air*

Emission Point Reference No.: A2-1 (Firing on Gas Oil)  
 Rating: 741 MW<sub>th</sub> Thermal Input  
 Location: Main Stack (Adjacent to Heat Recovery Steam Generator)  
 Volume to be emitted: Maximum in any one day: 71,694,720m<sup>3</sup>  
 Maximum rate per hour : 2,987,280m<sup>3</sup>  
 Minimum discharge height: 60 m above ground

Parameter	Emission Limit Value mg/m <sup>3</sup> (From 01/01/2016)
Oxides of Sulphur (as SO <sub>2</sub> )	50
Nitrogen Oxides (as NO <sub>2</sub> )	90
Carbon Monoxide (Note 1)	100
Dust	20

Note 1: ELV's for NO<sub>2</sub> and CO shall apply only above 70% load.

*Reason: To bring the licence into conformance with the EU (Large Combustion Plant) Regulations 2012.*

This amendment shall be cited as Amendment C to the licence.

**Sealed by the Seal of the Agency on this the XX day of YYYYYYY, 2015**

**PRESENT when the seal of the Agency was affixed hereto:**

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xxxxxxx, **Director/Authorised Person**