

Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

TECHNICAL AMENDMENT B
TO
INDUSTRIAL EMISSIONS LICENCE

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Licence Register Number:	P0606-03
Licensee:	SSE Generation Ireland Limited
CRO No:	459400
Location of Installation:	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, and amended on 04/09/2012 and 19/12/2013, 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.

A screening for Appropriate Assessment was undertaken to assess, in view of best scientific knowledge and the conservation objectives of the site, if the proposed activity, individually or in combination with other plans or projects is likely to have a significant effect on a European Site. In this context, particular attention was paid to the European sites at River Barrow and the River Nore SAC (site code 002162) and the Lower River Suir SAC (site code 002137) and the Agency considered, for the reasons set out below, that the proposed activity is not directly connected with or necessary to the management of those sites as European Sites and that it can be excluded on the basis of objective scientific information, that the proposed activity, individually or in combination with other plans or projects, will have a significant effect on a European site, and accordingly the Agency determined that an Appropriate Assessment of the proposed activity is not required.

This is because the changes proposed as part of this amendment i.e. the correction of cooling water volume limits stipulated for SW2, the removal of two small areas from the site boundary and the discharge of surface water through SW3; do not substantially change the nature or extent of the operations and emissions at the installation from what was considered during the last licence review (P0606-03).

Technical Amendment

In pursuance of the powers conferred on it by Section 96(1)(b) of the Environmental Protection Agency Acts, 1992, as amended, the Agency amends the licence, granted to SSE Generation Ireland Limited (CRO Number 459400), 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, the Section 82A(11) Amendment issued on 19/12/2013, and the amendments set out below.

This technical amendment is limited to the following Schedules and Condition:

Amendments

Amended Conditions

Amend Condition 1.3 of the licence, to read as follows:

- 1.3 For the purposes of this licence, the installation authorised by this licence is the area of land outlined in colour blue on Drawing No. GISB-1201 (Rev 1, Date March-13) submitted by the licensee, excluding the areas identified as “This Area is Excluded” and “This Area is to be Excluded Also”. Any reference in this licence to “installation” shall mean the area thus outlined in blue, excluding the areas identified. The licensed activity shall be carried on only within the area outlined, excluding the areas identified.

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Amended Schedules

Amend Schedule B.2 Emissions to Water as follows:

Emission Point Reference No: SW2-Condenser Cooling Water
Name of Receiving Waters: Barrow Estuary
Location: 269030E, 114580N

Volume to be emitted:

Maximum in any one day:	1,204,080m ³	792,000 m ³ ^{Note 1}
Maximum rate per hour:	50,170m ³	33,000 m ³ ^{Note 1}

Parameter	Emission Limit Value	
Temperature	15°C above estuarine water	12°C above estuarine water ^{Note 2}
	12 °C (98%ile of hourly values over a year) See also Condition 5.7	10°C (98%ile of hourly values over a year) ^{Note 2} See also Condition 5.7
Thermal Load	352 MW _{th} (maximum)	330 MW _{th} (maximum) ^{Note 2}
	335 MW _{th} (98%ile of hourly values over a year)	316 MW _{th} (98%ile of hourly values over a year) ^{Note 2}
mg/l		
Chlorine	0.5mg/l	0.3mg/l ^{Note 2}

Note 1: This discharge rate shall apply from the date of commencement of commercial operation of the new CCGT.
Note 2: The emission limit value shall apply from the date of commencement of commercial operation of the new CCGT.

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Emission Point Reference No: SW3a (Foul Water Treatment System)
Name of Receiving Waters: Barrow Estuary
Location of Final Discharge at SW3: 268905E, 114524N
Location of Compliance Point: To be agreed by the Agency ^{Note 1}
Volume to be emitted: Maximum in any one 9.5m³ day:

Parameter	Emission Limit Value
pH	6-10
BOD	25mg/l
Suspended Solids	35mg/l
Ammonia	5mg/l
Total Phosphorus	2mg/l

Note 1: Location of Compliance Point for SW3a shall be agreed by the Agency and shall be located at a point upstream of the connection with the surface water discharge.

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Amend Schedule C.2.3 Monitoring of Storm Water Emissions as follows:

Emission Point Reference No: SW1^{Note 1}, SW3b^{Note 1, 2}, SW4^{Note 1}, SW12^{Note 1}

Control Parameter	Monitoring Frequency	Key Equipment/Technique
pH	Daily	On-line pH probe with recorder
TPH	Daily	Standard Method
Visual Inspection	Daily	Sample and examine for colour and odour
Suspended Solids	Monthly	Standard Method

Note 1: On commencement of commercial operation of the new CCGT plant.

Note 2: SW3b shall be located at a point upstream of the connection with the foul water discharge.

This technical amendment shall be cited as Amendment B to the licence.

Sealed by the Seal of the Agency on this the 24 day of February, 2014

PRESENT when the seal of the Agency was affixed hereto

Marie O'Connor
 Marie O'Connor, Authorised Person

