



<b>Licence Number</b>	L7860/2003/5
<b>Licence Holder</b>	Electricity Generation and Retail Corporation
<b>ABN</b>	58 673 830 106
<b>Registered business address</b>	Australia Place 15-17 William Street PERTH WA 6000
<b>Date of amendment</b>	9 September 2016
<b>Prescribed Premises</b>	Category 52: Electrical Power Generation
<b>Premises</b>	Cockburn No. 1 Power Station Part Lot 22 on Diagram 72310 Weston Street NAVAL BASE WA 6135

## Amendment

The Chief Executive Officer (CEO) of the Department of Environment Regulation (DER) has amended the above licence in accordance with section 59 of the *Environmental Protection Act 1986* as set out in this Amendment Notice.

Date signed: 9 September 2016

**Jonathan Bailes**  
**MANAGER LICENSING (PROCESS INDUSTRIES)**

*an officer delegated under section 20 of the Environmental Protection Act 1986 (WA)*

## Amendment Notice

This Notice is issued under section 59 of the *Environmental Protection Act 1986* (EP Act) to amend the licence issued under the EP Act for a prescribed premises as set out below. This notice of amendment is given under section 59B(9) of the EP Act.

## Amendment Description

The Electricity Generation and Retail Corporation operating the Cockburn No. 1 Power Station was granted two amendments to their licence (L7860/2003/5) in 2015 to allow for the installation of new burners. Installation and commissioning of these burners have now been completed, and the Licence Holder has requested that references to commissioning be removed from the licence.

The Licence Holder has also requested a number of administration amendments, as outlined below:

1. Amend the annual period from the calendar year to the financial year;
2. Add a note to Table 2.2.2 specifying that emission limits are applicable to normal operating conditions;
3. Remove references to improvement requirements IR1, IR2, and IR3 from Table 4.1.1 as these have been completed; and
4. Change the reporting due date for the Annual Environmental Report and Annual Audit Compliance Report in Condition 5.2.1 to reflect the new annual period.

## Decision

The proposed changes do not alter the risk of the premises or the type and quantities of waste emitted. The amendments remove redundant wording and align reporting dates.

## Amendment History

Instrument	Issued	Amendment
L7860/2003/5	15/06/2015	Licence reissue with amendment to chlorine discharge averaging period for cooling water.
L7860/2003/5	28/08/2015	Licence amendment for the installation and commissioning of the Alston EV Alpha burners
L7860/2003/5	25/09/2015	Licence amendment to change emission limits during commissioning of the burners.
L7860/2003/5	29/04/2016	Amendment to change the expiry date to 16 June 2030.
L7860/2003/5	09/09/2016	Amendment Notice 1 Licence amendment to include various administrative changes.

## Amendments

1. Condition 1.1.2 of the licence is amended by deletion of the text shown in strikethrough below and the insertion of the red text shown in underline below:

*'annual period' means the inclusive period from ~~1 January until 31 December in that year~~ 1 July to 30 June in the following year;*

2. Condition 1.1.2 of the licence is amended by deletion of the text shown in strikethrough below:

*~~'commissioning' means the process of operation and testing that verifies the Alstom-EV alpha burner works as permitted by IR2 of Table 4.1.1 in condition 4.1.1 and all relevant systems, plant, machinery and equipment have been installed and are performing in accordance with design specifications;~~*

3. Table 2.2.2 is amended by deleting the text shown in strikethrough below and the insertion of the red text shown in underline below:

<b>Table 2.2.2: Point source emission limits to air</b>					
<b>Emission point Reference</b>	<b>Parameter</b>	<b>Operating condition</b>	<b>Facility nominal load (MW)<sup>3</sup></b>	<b>Limit (including units)<sup>1,2,3</sup></b>	<b>Averaging period</b>
A1	NOx	<del>Base load</del>	<del>240</del>	70 mg/m <sup>3</sup>	30 minutes
		<del>Low load</del>	<del>145</del>		
		<del>Low load (7pm- 7am)</del>	<del>50-80</del>	113 mg/m <sup>3</sup>	
		<del>Frequency control</del>	<del>145-240</del>		
		<del>Commissioning</del>	<del>50-240</del>	<u>190 mg/m<sup>3</sup></u>	

Note 1: All units are referenced to STP.

Note 2: Concentration units for A1 are referenced to 15% O<sub>2</sub>. Correction for continuous monitoring should be made continuously.

Note 3: ~~Low load shall be 165MW and Frequency control shall be 165 – 240 MW before installation of the EV Alpha Burners.~~

Note 3: Limits are applicable to normal operating conditions.

4. The licence is amended by the deletion of the following condition 4.1.1 and Table 4.1.1.

*4.1.1 The Licensee shall complete the improvements in Table 4.1.1 by the date of completion in Table 4.1.1.*

<b>Table 4.1.1: Improvement program</b>		
<b>Improvement reference</b>	<b>Improvement</b>	<b>Date of completion</b>
IR1	The Licensee shall submit to the CEO a Continuous Emissions Monitoring System (CEMS) or Predictive Emissions Monitoring System (PEMS) Implementation Plan for monitoring temperature, flow rate and NOx emissions from emission point A1. The Plan shall include but not be limited to the following: (a) Identification of the CEMS or PEMS technology of choice in accordance with the CEMS code or USEPA PS 16 respectively; and (b) Timeframe for installation, calibration and operation of the CEMS or PEMS.	18 December 2015
IR2	The Licensee may install Alstom EV alpha burners on the Gas Turbines. During the installation and commissioning the licensee shall ensure that: a) Continuous monitoring for NOx, CO, CO <sub>2</sub> and O <sub>2</sub> is conducted; b) Validation monitoring is conducted after the installation of the burners under a range of operating conditions; and c) The emission limits that apply to commissioning operating condition in Condition 2.2.2 are not exceeded during the installation and commissioning of the new burners.	10 October 2015
IR3	The Licensee shall submit to the DER a report detailing all the monitoring results for the installation and commissioning of the new burners and demonstrate that they comply with all conditions of this licence.	21 days after the installation of the EV alpha burners

5. Condition 5.2.1 of the licence is amended by deletion of the text shown in strikethrough below and the insertion of the red text shown in underline below:

5.2.1 ~~The Licensee shall submit to the CEO an Annual Environmental Report by 4 May~~ 1 October after the end of the annual period. The report shall contain the information listed in Table 5.2.1 in the format or form specified in that table.