



Licence Number	L8818/2014/1
Licence Holder	TEC Hedland Pty Ltd
ACN	169 777 404
File Number:	DER2014/000782
Premises	Hedland Precinct Power Project Boodarie Station Access Road BOODARIE WA 6722 Lot 601 on Deposited Plan 70566 Certificate of Title Volume 3159 Folio 788
Date of Amendment	5/10/2017

Amendment

The Chief Executive Officer (CEO) of the Department of Water and Environmental Regulation (DWER) has amended the above Licence in accordance with section 59 of the *Environmental Protection Act 1986* (EP Act), as set out in this Amendment Notice. This Amendment Notice constitutes written notice of the amendment in accordance with section 59B(9) of the EP Act.

2 October 2017

Caron Goodbourn

A/Manager Industry Regulation (Process Industries)

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

Definitions and interpretation

Definitions

In this Amendment Notice, the terms in Table 1 have the meanings defined.

Table 1: Definitions

Term	Definition
ACN	Australian Company Number
Amendment Notice 2	refers to this document
Category/ Categories/ Cat.	categories of Prescribed Premises as set out in Schedule 1 of the EP Regulations
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department Administering the <i>Environmental Protection Act 1986</i> Locked Bag 33 Cloisters Square PERTH WA 6850 info-der@dwer.wa.gov.au
Delegated Officer	an officer under section 20 of the EP Act
Department	Department of Water and Environmental Regulation (DWER)
EP Act	<i>Environmental Protection Act 1986 (WA)</i>
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i>
Existing Licence	Licence L8818/2014/1 granted under Part V, Division 3 of the EP Act and in force prior to the commencement of and during this assessment
Licence Holder	TEC Hedland Pty Ltd
Prescribed Premises	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Decision Report applies, as specified at the front of this Decision Report.

Amendment Notice

This amendment is made pursuant to 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.

This Notice is limited to the removal of the two APR units which have been decommissioned, adjustment to the production capacity and amendment to the map in Schedule 2.

The following guidance statements have informed the decision made on this amendment

- *Guidance Statement: Regulatory Principles (July 2015)*
- *Guidance Statement: Setting Conditions (October 2015)*
- *Guidance Statement: Decision Making (November 2016)*
- *Guidance Statement: Risk Assessment (November 2016)*

Amendment description

The Existing Licence was transferred to the Licence Holder on 11 July 2017 and relates to the operation of four open cycle gas turbines (OCGT). The Licence Holder has constructed and commissioned a new OCGT unit (Unit 40), two closed cycle gas turbines (Units 20 and 30) and one steam turbine (Unit 10).

Emission sources 'A4' and 'A5' included in Amendment Notice 1 are no longer operational and will be removed. The Licence Holder lodged an application on 07 September 2017 to amend the existing licence L8818/2014/1 in order to:

- remove 'A4' which is Stack 3 for Turbine 3;
- remove 'A5' which is Stack 4 for Turbine 4; and
- amend the design capacity from 210MW to 154MW.

Amendment history

Table 2 provides the amendment history for L8818/2014/1.

Table 2: Licence amendments

Instrument	Issued	Amendment
L8818/2014/1	5/10/2017	Amendment Notice 2 Licence Holder initiated amendment for the removal of 'A4' , 'A5' and reduce the design capacity
L8818/2014/1	17/08/2017	Amendment Notice 1 Licence Holder initiated amendment for operation of new gas turbines constructed and commissioned under Works Approval W5729/2014/1
L8818/2014/1	11/07/2017	Licence transferred from APR Energy Pty Ltd to TEC Hedland Pty Ltd
L8818/2014/1	16/07/2015	Licence transferred from Regional Power Corporation Pty Ltd to APR Energy Pty Ltd

Decision

The Delegated Officer has determined the application by granting of this Notice to give effect to amendments to the conditions of the Existing Licence.

The conditions of the Existing Licence have been amended to:

- removal of air emission points 'A4' and 'A5' for the two decommissioned gas turbines;
- decrease the premises production or design capacity, and
- amend map of storage locations, emission points and monitoring locations.

The Delegated Officer also notes that the Licence Holder decommissioned the two GETM2500 OCGT gas turbines which subsequently reduced the design capacity.

The Delegated Officer also notes that there is no change to the current environmental management system as a result of this proposed amendment.

Licence Holder's comments

The Licence Holder was provided with the draft Amendment Notice on 27/09/2017. A summary of the comments received on 28 September 2017 from the Licence Holder are detailed in Appendix 3.

Amendment

1. Table 2.2.1 of the Licence is amended by the deletion of the text shown in strikethrough below.

Emission point reference and location on Map of emission and monitoring points	Emission point and source	Emission point height (m)	Source, including any abatement
A1	CCGT Turbine 1	35	CCGT Turbine 1 (Unit 20)
A2	CCGT Turbine 2	35	CCGT Turbine 2 (Unit 30)
A3	OCGT Turbine 1	25	OCGT Turbine 1 (Unit 40)
A4	Stack 3 for Turbine 3	6	GETM2500 OCGT
A5	Stack 4 for Turbine 4	6	GETM2500 OCGT

2. Table 3.2.1 of the Licence is amended by the deletion of the text shown in strikethrough below and the insertion of the red text shown in underline below.

Emission point reference	Parameter	Units¹	Frequency²	Method
<u>A1 – A3</u> A4 A5	Oxides of nitrogen	ppmvd	Annually	USEPA Method 7E

Note 1: All units are referenced to STP dry and 15% oxygen.

Note 2: Monitoring shall be undertaken to reflect normal operating conditions and any limits or conditions on inputs or production.

3. The Licence approved Premises production or design capacity for Category 52 electric power generation is amended from 210 MW to 154MW.

Appendix 1: Key documents

	Document title	In text ref	Availability
1	Licence L8818/2014/1	Existing Licence	Accessed at www.der.wa.gov.au
2	Amendment Notice 1 - Licence L8818/2014/1	N/A	
3	<i>DWER Guidance Statement: Regulatory Principles (July 2015)</i>		
4	<i>DWER Guidance Statement: Setting Conditions (October 2015)</i>		
6	<i>DWER Guidance Statement: Decision Making (November 2016)</i>		
7	<i>DWER Guidance Statement: Risk Assessment (November 2016)</i>		

Appendix 3: Summary of Licence Holder comments

Summary of Licence Holder comment	DWER response
Remove the word 'gas' from 'gas steam turbine (Unit 10)' in the amendment description.	Changes made