

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1315099
Licensee	Beach Energy Ltd
Licensee address	Level 8 80 Flinders Street, ADELAIDE, SA 5000

## Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	1922021/2
Callsign	AXV404
Date of issue	19/06/2023
Date of effect	19/06/2023
Date of expiry	20/07/2024

## Licence conditions

Your licence is subject to conditions set out in the *Radiocommunications Act 1992*. Your licence may also be subject to such other licence conditions as determined by the ACMA (in licence condition determinations) from time to time, and is also subject to special conditions as detailed on this licence.

The conditions that are imposed on a licence vary according to the type of licence issued, the service being operated and the section of the *Radiocommunications Act 1992* under which the licence has been issued. For further information about the conditions that apply to your licence, please contact the ACMA (see contact details below).

### **Rights of appeal**

A decision by the ACMA to impose further conditions or revoke or vary the conditions of your licence may be reviewable. If you are affected by, and dissatisfied with, such a decision you may apply to the ACMA to have the ACMA reconsider the decision under section 288 of the *Radiocommunications Act 1992*.

An application for reconsideration must state the reasons for the request, and should be sent to the Customer Service Centre, Australian Communications and Media Authority, PO Box 78, Belconnen, ACT, 2616. Applications for review of decisions can be made using the R051 - Application for review of Decision form, available on the ACMA website.

### **Important**

An application for the ACMA to reconsider a decision to impose or vary licence conditions must be made to the ACMA within 28 days of the day on which you are informed of the decision. An application for reconsideration made after that time may not be accepted.

## ACMA contact details

Customer Service Centre  
PO Box 78  
BELCONNEN ACT 2616

Telephone: 1300 850 115  
Email: [info@acma.gov.au](mailto:info@acma.gov.au)

ACMA website: [www.acma.gov.au](http://www.acma.gov.au)

Certain information contained in this licence record will be disclosed in the Register of Radiocommunications Licences (RRL), established and maintained pursuant to Part 3.5 of the *Radiocommunications Act 1992*.

## **Advisory Notes applying to licence no.: 1922021/2**

Conditions applicable to the operation of Point to Point station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Fixed Licence) Determination, the 'fixed licence lcd'. Copies of these determinations are available from the ACMA and from the ACMA home page ([www.acma.gov.au](http://www.acma.gov.au)).

## Technical characteristics

Below is a summary of the technical characteristics of the licensed service. Further technical details not displayed here may be found on the ACMA website.

### Link 1

Site details		Site 1	Site 2
Site ID		9011198	305291
Site address		Pumping Station, Dore Road (near Princes Highway), PAKENHAM VIC 3812	Origin Energy Operations Centre, LANG LANG VIC 3981
Co-ordinates (GDA94)		Lat: -38.063736 Long: 145.527044	Lat: -38.321268 Long: 145.606586
Equipment details:			
Assigned TX frequency		450.525000 MHz	460.025000 MHz
Assigned RX frequency		460.025000 MHz	450.525000 MHz
Bandwidth		25.0000 kHz	25.0000 kHz
Freq. assign. ID		0000749433	0000749431
Transmitter power		1.00 W	1.00 W
EIRP			0 mW
Emission designator		10K1F2D	10K1F2D
Antenna details			
Antenna ID		106	106
Antenna polarisation		H - Horizontal linear	H - Horizontal linear
Antenna azimuth		166.33	346.28
Antenna height (m)		11	20
Antenna type		Yagi (Horizontal Polarisation)-Y	Yagi (Horizontal Polarisation)-Y

### Advisory Notes applying to Station 0 Site 1

This frequency band is currently under review to accommodate changes in technology. This review may lead to a requirement to change frequency or to cease transmission.

### Special Conditions applying to Station 0 Site 1

The level of all discreet spurious components, measured at the output of the transmitter, must not exceed -30dBm.

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

The level of power in the adjacent channel must not exceed -16dBm.

### Advisory Notes applying to Station 0 Site 2

This frequency band is currently under review to accommodate changes in technology. This review may lead to a requirement to change frequency or to cease transmission.

### Special Conditions applying to Station 0 Site 2

The level of all discreet spurious components, measured at the output of the transmitter, must not exceed -30dBm.

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

The level of power in the adjacent channel must not exceed -16dBm.