

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1214220
Licensee	Essential Energy
Trading name	Attn: Ray Northcott
Licensee address	PO Box 5730, PORT MACQUARIE BC, NSW 2444

## Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	1252313/1
Callsign	VLN245
Date of issue	15/06/2022
Date of effect	15/06/2022
Date of expiry	14/07/2023

## 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*.

## **Special Conditions applying to licence no.: 1252313/1**

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 -22dBm.

## **Advisory Notes applying to licence no.: 1252313/1**

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	10602	10562
Site address	Police/Country Energy Site, Mount Panorama via, MT PANORAMA NSW 2795	Commsite, CLARKE TRIG NSW 2799
Co-ordinates (GDA94)	Lat: -33.457849 Long: 149.548540	Lat: -33.570109 Long: 149.326133
<b>Equipment details:</b>		
Assigned TX frequency	413.800000 MHz	404.350000 MHz
Assigned RX frequency	404.350000 MHz	413.800000 MHz
Bandwidth	25.0000 kHz	25.0000 kHz
Freq. assign. ID	0000642807	0000642809
Transmitter power	1.00 W	1.00 W
EIRP		0 mW
Emission designator	16K0F3E	16K0F3E
<b>Antenna details</b>		
Antenna ID	70022	70022
Antenna polarisation	H - Horizontal linear	H - Horizontal linear
Antenna azimuth	238.87	58.99
Antenna height (m)	0	0
Antenna type	Yagi (Horizontal Polarisation)-Y	Yagi (Horizontal Polarisation)-Y