

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20017375
Licensee	NEW SOUTH WALES GOVERNMENT TELECOMMUNICATIONS AUTHORITY
Trading name	Telco Authority (Essential Energy)
Licensee address	Level 18, McKell Building 2-24 Rawson Place, SYDNEY, NSW 2000

## Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	10682114/1
Date of issue	08/10/2021
Date of effect	08/10/2021
Date of expiry	05/01/2023

## 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.: 10682114/1**

The service authorised by this licence operates as part of a network of links distributed from a single hub site. Operation at the hub site may employ an omni directional antenna however each link operating from the hub site must be coordinated using the actual antenna specified on the licence and will not be afforded additional protection due to the use of an omni directional antenna.

## **Advisory Notes applying to licence no.: 10682114/1**

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	10420	10602
Site address	Communications Tower, Tower Road, SHOOTERS HILL NSW 2787	Police/Country Energy Site, Mount Panorama via, MT PANORAMA NSW 2795
Co-ordinates (GDA94)	Lat: -33.898042 Long: 149.849567	Lat: -33.457849 Long: 149.548540
<b>Equipment details:</b>		
Assigned TX frequency	460.775000 MHz	451.275000 MHz
Assigned RX frequency	451.275000 MHz	460.775000 MHz
Bandwidth	25.0000 kHz	25.0000 kHz
Freq. assign. ID	0002446171	0002446169
Transmitter power	1.00 W	1.00 W
EIRP	25.10 W	25.10 W
Emission designator	16K0F3E	16K0F3E
<b>Antenna details</b>		
Antenna ID	80665	80665
Antenna polarisation	V - Vertical linear	V - Vertical linear
Antenna azimuth	330.00	150.00
Antenna height (m)	20	20
Antenna type	Yagi (Vertical Polarisation)-Y	Yagi (Vertical Polarisation)-Y