

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20026647
Licensee	NSW Electricity Networks Operations Pty Limited
Licensee address	180 Thomas Street, HAYMARKET, NSW 2000

## Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	21571/2
Callsign	VL2AM
Date of issue	09/05/2022
Date of effect	09/05/2022
Date of expiry	10/05/2023

## 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.: 21571/2**

No interference shall be caused to any Radiocommunication station or service and no protection from interference to such stations or services shall be afforded.

## **Advisory Notes applying to licence no.: 21571/2**

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	10712	10420
Site address	Transgrid Tower, MT CANOBOLAS NSW 2800	Communications Tower, Tower Road, SHOOTERS HILL NSW 2787
Co-ordinates (GDA94)	Lat: -33.34557    Long: 148.9811	Lat: -33.898042    Long: 149.849567
<b>Equipment details:</b>		
Assigned TX frequency	44.670000 MHz	42.670000 MHz
Assigned RX frequency	42.670000 MHz	44.670000 MHz
Bandwidth	20.0000 kHz	20.0000 kHz
Freq. assign. ID	0000540385	0000540387
Transmitter power	50.00 W	50.00 W
EIRP	83.00 W	83.00 W
Emission designator	16K0F3E	16K0F3E
<b>Antenna details</b>		
Antenna ID	67	1003
Antenna polarisation	V - Vertical linear	V - Vertical linear
Antenna azimuth	127.61	307.13
Antenna height (m)	0	0
Antenna type	Dipole-D	Yagi (Vertical Polarisation)-Y

**Link 3**

Site details	Site 1	Site 2
Site ID	35112	10712
Site address	Transgrid site, SADDLEBACK PEAK NSW 2867	Transgrid Tower, MT CANOBOLAS NSW 2800
Co-ordinates (GDA94)	Lat: -32.936669 Long: 148.538210	Lat: -33.34557 Long: 148.9811
<b>Equipment details:</b>		
Assigned TX frequency	42.670000 MHz	44.670000 MHz
Assigned RX frequency	44.670000 MHz	42.670000 MHz
Bandwidth	20.0000 kHz	20.0000 kHz
Freq. assign. ID	0000540383	0000540381
Transmitter power	50.00 W	50.00 W
EIRP	83.00 W	83.00 W
Emission designator	16K0F3E	16K0F3E
<b>Antenna details</b>		
Antenna ID	1003	1003
Antenna polarisation	V - Vertical linear	V - Vertical linear
Antenna azimuth	137.58	317.34
Antenna height (m)	0	0
Antenna type	Yagi (Vertical Polarisation)-Y	Yagi (Vertical Polarisation)-Y

**Link 5**

Site details	Site 1	Site 2
Site ID	10712	11313
Site address	Transgrid Tower, MT CANOBOLAS NSW 2800	Pacific Power Site, Botobolar North of, MUDGEE NSW 2850
Co-ordinates (GDA94)	Lat: -33.34557 Long: 148.9811	Lat: -32.533003 Long: 149.876471
<b>Equipment details:</b>		
Assigned TX frequency	44.670000 MHz	42.670000 MHz
Assigned RX frequency	42.670000 MHz	44.670000 MHz
Bandwidth	20.0000 kHz	20.0000 kHz
Freq. assign. ID	0000540389	0000540391
Transmitter power	50.00 W	50.00 W
EIRP	83.00 W	83.00 W
Emission designator	16K0F3E	16K0F3E
<b>Antenna details</b>		
Antenna ID	1	51
Antenna polarisation	V - Vertical linear	V - Vertical linear
Antenna azimuth	43.16	222.67
Antenna height (m)	0	0
Antenna type	Unknown antenna type, size or specifications-	Yagi (Vertical Polarisation)-Y