

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1425181
Licensee	Arrow Energy Ltd
Trading name	Arrow Energy Ltd
Licensee address	GPO Box 5262, BRISBANE, QLD 4001

## Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	11288801/1
Date of issue	20/04/2023
Date of effect	20/04/2023
Date of expiry	30/08/2024

## 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.: 11288801/1**

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		10026232	10026235
Site address		Arrow Tower 22 (TWR22), Warra-Kogan Rd, WARRA QLD	Arrow Tower 10 (TWR10), Chinchilla Kogan Rd, CHINCHILLA QLD
Co-ordinates (GDA94)		Lat: -26.970775 Long: 150.810306	Lat: -26.902932 Long: 150.640584
Equipment details:			
Assigned TX frequency		11.46500000 GHz	10.97500000 GHz
Assigned RX frequency		10.97500000 GHz	11.46500000 GHz
Bandwidth		40.000000 MHz	40.000000 MHz
Freq. assign. ID		0003220305	0003220307
Transmitter power		200 mW	200 mW
EIRP		407.38 W	407.38 W
Emission designator		40M0D7W	40M0D7W
Antenna details			
Antenna ID		81554	81554
Antenna polarisation		V - Vertical linear	V - Vertical linear
Antenna azimuth		294.52	114.60
Antenna height (m)		44	29
Antenna type		Parabolic-P	Parabolic-P