

McArthur River Pipeline Access Information

July 2024

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1 Background

This pipeline access information is published in accordance with Part 10 of the National Gas Rules. The McArthur River Pipeline (also known as the Daly Waters Pipeline, Daly Waters to McArthur River Mine Pipeline, the McArthur River Mine Pipeline or MRM) is a transmission pipeline located in the northern region of the Northern Territory (see map below). It was constructed in 1995 and connects the Amadeus Gas Pipeline (AGP) at Daly Waters Scrapper Station, with the McArthur River Power Station and the McArthur River Mine. Power and Water currently has no uncontracted capacity on the MRM pipeline.



2 Pipeline information

The MRM pipeline is owned and operated by Power and Water (with operation and maintenance services provided by Verbrec Ltd).

The MRM pipeline is 330 km in length and 168 mm in diameter and has a nameplate maximum capacity of 15 TJ/day. The receipt point is at the Daly Waters Scrapper Station on the Amadeus Gas Pipeline (operated by the APA Group); and the delivery point is the McArthur River Mine Station. The operating parameters at the connection points are as follows:

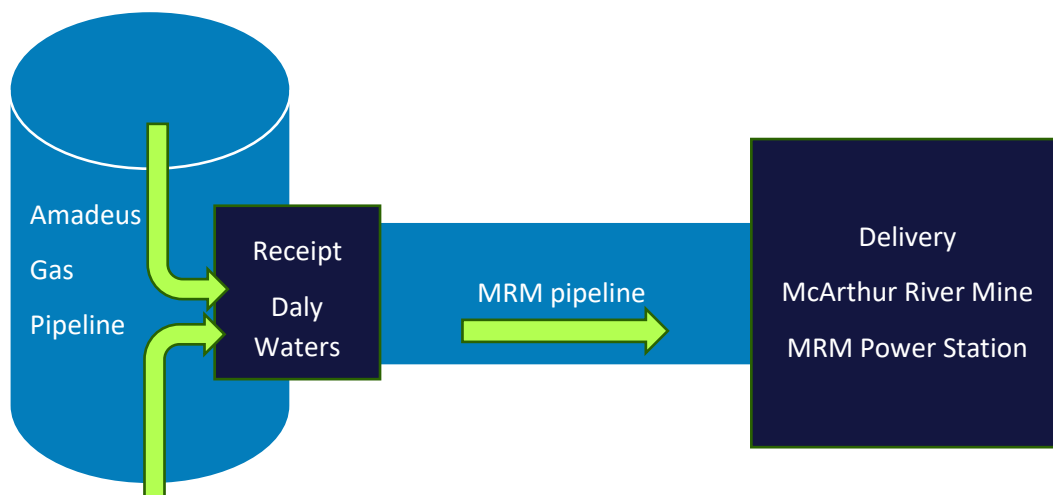
Receipt Point	Parameters
Daly Waters Scrapper Station	Normal operating pressure range: 4,992 – 9,486 kPa Normal operating temperature range: 26.92 – 41.39 °C
Delivery Point	Parameters
McArthur River Mine	Normal operating pressure range: 3,307 – 9,364 kPa Normal operating temperature range: 26.01 – 47.23 °C

The gas composition conveyed by the MRM pipeline is drawn from the AGP pipeline

Gas Properties	Typical (Mol %)
Methane	81.340
Ethane	10.006
Propane	2.544
i-Butane	0.256
n-Butane	0.587
i-Pentane	0.117
n-Pentane	0.117
Hexane +	0.099
Nitrogen	4.871
Carbon Dioxide	0.051
Specific Gravity	0.669
Gross Heating Value	41.36 MJ/m ³

3 Schematics

The following is a schematic diagram of the MRM pipeline, depicting the receipt and delivery points and the direction of gas flows.



4 Regulatory status

The MRM pipeline is a non-scheme pipeline and has a Category 2 exemption under Part 10 of the National Gas Rules.

5 Capacity and services

Subject to the note below, the following standard services may be offered on the MRM pipeline:

- Firm Transport
- Interruptible Transport

Notes on services

There is currently no capacity available on the MRM pipeline. The services above are published in recognition of potential future demand for transport services on the MRM Pipeline. Power and Water has published a user access guide so the user and prospective users can see the process for negotiating access.

Indicative Standing Terms setting out the terms on which services may be offered if capacity/additional capacity becomes available , will be published in the near future.

6 Service usage information

Steps to find actual gas injections and withdrawals data via the Gas Bulletin Board (GBB):

- 1) Click this link to the GBB Data Board <https://aemo.com.au/energy-systems/gas/gas-bulletin-board-gbb/data-gbb/gas-flows>
- 2) Select 'forecast and actual gas flows'
- 3) Open spreadsheet titled 'Pipeline Connection Flow (last 31 days)' or 'Pipeline Connection Flow (all data)'
- 4) Search for 'MRP' in the 'Facility Name' column.

Steps to find scheduled gas injections and withdrawals data via the Gas Bulletin Board

- 1) Click this link to the GBB Data Board <https://aemo.com.au/energy-systems/gas/gas-bulletin-board-gbb/data-gbb/gas-flows>
- 2) Select 'forecast and actual gas flows'.
- 3) Open spreadsheet titled 'Forecast Utilisation'
- 4) Search for 'MRP' in the 'Facility Name' column.

7 Service availability information

Steps to find 12-month Medium Term Capacity Outlook data via the Gas Bulletin Board:

- 1) Click this link to the GBB Data Board <https://aemo.com.au/energy-systems/gas/gas-bulletin-board-gbb/data-gbb/gas-flows>
- 2) Navigate to file Medium Term Capacity Outlook (future)
- 3) Open downloaded spreadsheet titled 'GasBBMediumTermCapacityOutlookFuture.csv'
- 4) Search for 'MRP' in 'Column A - Facility Name'.

Steps to find 36 month Uncontracted Capacity data via the Gas Bulletin Board:

- 1) Click this link to the GBB Data Board <https://aemo.com.au/energy-systems/gas/gas-bulletin-board-gbb/data-gbb/gas-flows>
- 2) Navigate to file Uncontracted Capacity Outlook (future)
- 3) Open downloaded spreadsheet titled 'GasBBUncontractedCapacityOutlookFuture.csv'
- 4) Search for 'MRP' in 'Column A – Facility Name'.

Notes on available capacity

Power and Water currently has no uncontracted capacity on the MRM pipeline.

8 Actual price payable information

The table below contains actual prices payable information in accordance with Rule 101E of the National Gas Rules:

Actual prices payable information	
Name of pipeline	The McArthur River Pipeline (also known as the Daly Waters Pipeline, Daly Waters to McArthur River Mine Pipeline, the McArthur River Mine Pipeline or MRM)
Date the access contract was entered into or varied	Access to the MRM pipeline is provided under a pipeline agreement executed in 1994, as varied by a capacity sale agreement executed in 2014.
The service term (start and end dates)	50% of current pipeline capacity from 1995 to 2075, or the end of the pipeline life; and 100% of the current pipeline capacity from 2014 to 2038.
Pipeline service type	Transmission
The priority given to the pipeline service (e.g. firm or interruptible)	Firm

Actual prices payable information

The contracted quantity for the pipeline service expressed as: (i)the maximum daily quantity (in GJ/day); and (ii)the maximum hourly quantity (in GJ/hour)	100% of available capacity – 15B GJ/day; and 625M GJ/hour
The direction of the service	From Amadeus Gas Pipeline to McArthur River Mine.
The <i>receipt</i> and <i>delivery points</i> between which the pipeline service is provided	Receipt: Daly Waters Scraper Station Delivery: McArthur River Mine/MRM Power Station
The imbalance allowance applicable to the pipeline service	N/A
The overrun allowance applicable to the pipeline service	N/A
Whether the pipeline service is provided on the same or substantially the same non-price terms as those set out in the standing terms published for the pipeline	No
The price structure applicable to the pipeline service (for example whether it is a fixed price or a variable price or a combination of the two)	Capacity Charge – fixed. Operation and Maintenance Charge – variable, based on actual costs incurred.
The prices payable for the service as set out in the contract expressed in \$/GJ	\$0.87/GJ Note: The calculated price payable represents the annual capacity cost (estimated operation and maintenance costs + the capacity charge) divided by the maximum annual transport capacity in GJ (based on nameplate rating)
A description of any price escalation mechanism applicable to the prices payable for the service	N/A

9 Tariff

To be published with Standing Terms.

10 Documentation - policies, procedures, and requirements

This document should be read with the user access guide and Pipeline Interconnection Policy for the MRM Pipeline: [User access guide McArthur River Pipeline/Daly Waters Pipeline- December 2023 \(powerwater.com.au\)](#)

11 Formal access requests

Potential customers do not have to submit a Formal Access Request. If you are interested in acquiring services for the MRM pipeline, you can contact us at the contact details below to discuss your requirements.

However, you have a right to make a Formal Access Request pursuant to Rule 559 of the National Gas Rules. Lodging a Formal Access Request triggers a formal process of Access Offer and information exchange between you and Power and Water. Further details are contained in the User access guide McArthur River Pipeline/Daly Waters Pipeline- December 2023 ([powerwater.com.au](#)).

12 Contact

We encourage potential customers to contact us early when considering access requirements. If you are interested in acquiring services for this pipeline, please contact:

Gas.Regulation@powerwater.com.au

Contact

Power and Water Corporation
Phone 1800 245 092
powerwater.com.au

PowerWater 