



Multinet Gas 2014 Annual Tariff Report

Marcel Labouchardiere

Manager Revenue

Multinet Gas

November 2013

Multinet Gas 2014 Annual Tariff Report

1 Table of Contents

1	Executive Summary	4
2	Introduction	4
2.1	Licensing basis	4
2.2	Application period	4
2.3	Post Codes.....	4
2.4	Location.....	4
2.5	Stakeholder Consultation.....	5
2.6	Contact Details.....	7
3	Reference and Ancillary Reference Tariffs	8
3.1	Overview of Reference Tariffs	8
3.1.1	Haulage Reference Service Tariff V	8
3.1.2	Haulage Reference Tariff - Non-Residential Tariff D	9
3.1.3	Haulage Reference Tariff - Non-Residential Tariff L.....	9
3.2	Costs recovered by reference tariffs	10
3.3	Costs recovered by ancillary tariffs	10
3.4	Principles used to set tariffs	11
4	Methodology to Set Reference Tariffs	12
4.1	Cost allocation to tariffs.....	12
4.1.1	Tariff V (Residential and Commercial).....	12
4.1.2	Tariffs D and L.....	12
4.1.3	Cost of Supply	12
4.2	Cost differences between zones.....	14
5	Current Reference and Ancillary Tariffs	15
5.1	Reference tariffs.....	15
5.2	Ancillary Reference Tariffs.....	22
5.3	Price control regime	23
5.4	Future tariffs.....	24
6	New Tariffs.....	25
6.1	New Tariffs / Tariff Structures	25
6.2	Derivation of new tariffs / new tariff structure.....	25
7	Previous year tariffs	26
8	Impact of Tariff Variations	27
8.1	Change in customer charges	27
8.2	Change in average customer charge by tariff	31

8.3 Multinet Residential Distribution Tariff compared to Total Retail Bill	31
9 Carbon Tax	31
Appendix 1 – Multinet Gas Metropolitan Area Tariffs	34
Appendix 2 - Yarra Valley Tariffs	36
Appendix 3 – South Gippsland Tariffs	37
Appendix 4 – Tariff D MHQ Billing Calculation.....	39
Appendix 5 – Tariff L: Description and Business Rules	43
Appendix 6 – Multinet Gas Postcodes	45
Appendix 7 – Audited “t-2” CY 2012 Quantities	45
Appendix 8 – Certified 2012/13 Carbon Tax Emissions.....	45

1 Executive Summary

Multinet Gas (MG) is the largest distributor of natural gas in Victoria with the largest connection base, servicing Melbourne's inner, outer-eastern and south-eastern suburbs. MG owns the distribution network assets used to transport gas from the high-pressure transmission network to the premises of residential, commercial and industrial gas users.

MG is required to produce an annual tariff report as part of its Gas Access Arrangement Review (GAAR). The current GAAR period runs from 2013-2017. The tariffs proposed in this report and the tariff submission are intended to apply from 1 January 2014 through to 31 December 2014.

The average increase in distribution tariffs from 2013 to 2014 is 3.74%. This increase results in an approximate price increase of 0.8% of the average annual residential household bill. This equates to approximately \$9 of the average annual bill (assuming the average residential bill only increases by the increase in the distribution tariff). It should be noted that since 2012 the average distribution price has decreased by 7.25%. This is comprised of an 11% price drop from 2012 to 2013 and then a modest price increase of 3.74% from 2013 to 2014.

The average increase of 3.74% is predominately made up of CPI of 2.16% and the x factor of 1.53%. The x factor has been based on an extensive consultation process with the AER during the revision to the 2013 to 2017 Access Arrangements. The x factor has been calculated to recover Multinet's expected costs during the 2013 to 2017 period. These costs include the provision of a safe and reliable gas service to over 660,000 customers, our continued commitment to the replacement of ageing infrastructure and maintenance of over approximately 10,000 km of gas pipelines.

In developing this Annual Tariff Report, MG conducted a targeted consultation program with key stakeholder groups identified through previous engagement initiatives, the existing Community Consultative Committee (CCC) and energy retailers. This is part of our growing commitment to stakeholder engagement and recognises the draft guidelines published recently by the Australian Energy Regulator (AER).

2 Introduction

Multinet Gas (MG) is the largest distributor of natural gas in Victoria with the largest connection base and services Melbourne's inner, outer-eastern and south-eastern suburbs. MG owns the distribution network assets used to transport gas from the high-pressure transmission network to the premises of residential, commercial and industrial gas users.

MG also has two rural based networks that have been constructed with complementary funding from Regional Development Victoria. These networks cover nine townships in the Yarra Valley located in outer eastern metropolitan Melbourne and six townships in South Gippsland Victoria.

2.1 Licensing basis

MG's current Access Arrangement was approved on 29 April 2013. A requirement of the Arrangement is the production of an annual tariff report. This report is intended to meet the requirements of MG's Access Arrangement to enable users to understand the basis of tariff and their policies.

2.2 Application period

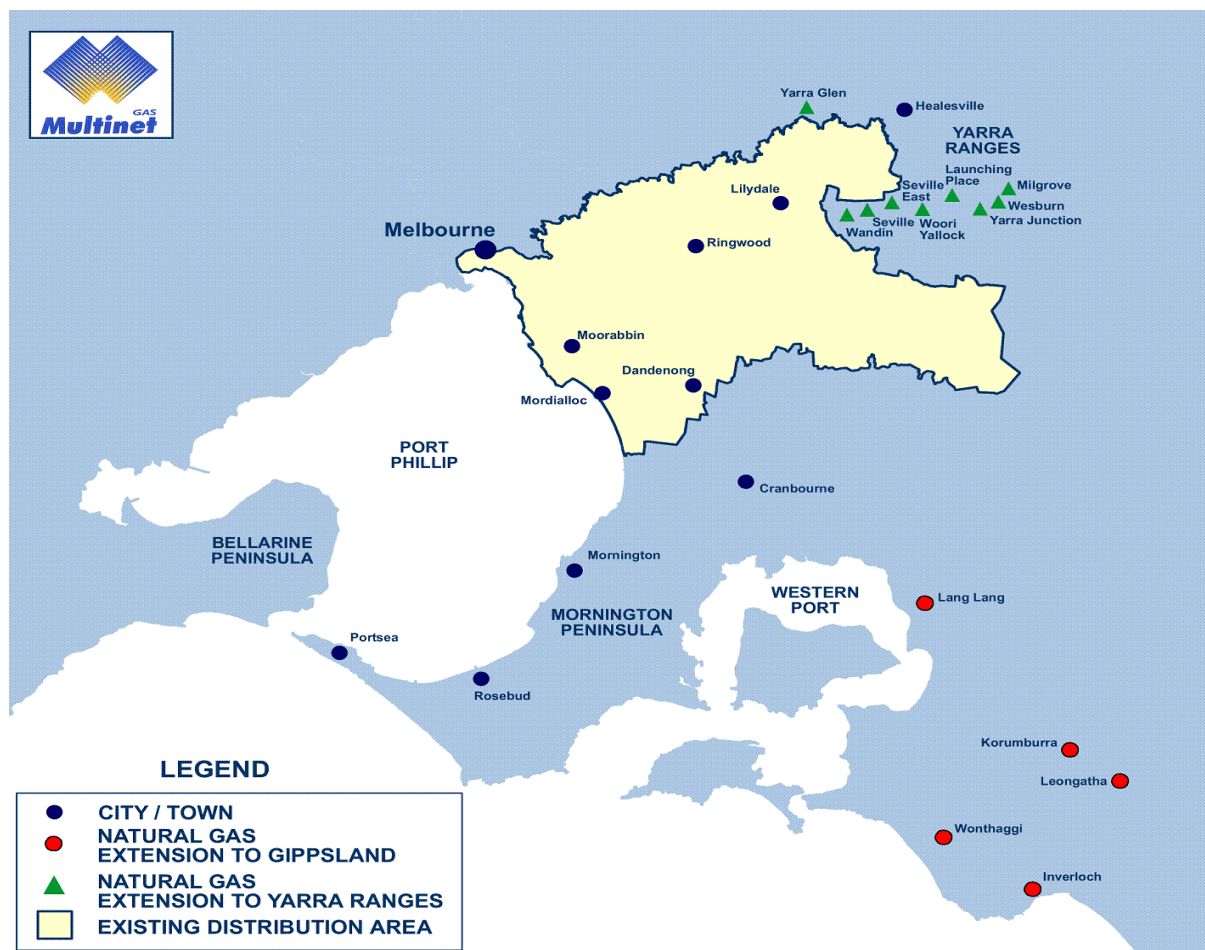
The tariffs proposed in this report and the tariff model are intended to apply from 1 January 2014 through to 31 December 2014.

2.3 Post Codes

The post codes that are applicable for Reference and Ancillary Tariffs are listed in Appendix 6. These post codes are also included in the company's Distribution Licence.

2.4 Location

A map showing the locations where Multinet Gas distributes gas is provided below. MG distributes gas to the areas shaded in yellow, as well as the Yarra Valley and South Gippsland areas indicated.



2.5 Stakeholder Consultation

Recently the Australian Energy Regulator (AER) published draft guidelines for consultation on a range of matters including stakeholder engagement, so as to improve the level of consultation and ensure that network proposals reflect customer expectations and requirements.

Even though these guidelines are yet to be finalised, MG has given them due consideration as part of its growing commitment to stakeholder engagement.

Whilst acknowledging that distributors do not deal directly with customers, we understand that customers ultimately bear the cost of our services. In this regard, Multinet Gas plays a significant role in distributing gas to many Victorian business and domestic customers. Together with our core objectives of delivering energy in a safe and reliable manner, Multinet Gas strives to provide an efficient and cost effective service for our customers.

In the development of this Annual Tariff Report, MG conducted a targeted consultation program with key stakeholder groups identified through previous engagement initiatives, these being the existing Community Consultative Committee (CCC) and energy retailers.

MG wrote to stakeholders with an invitation to participate in briefing consultation sessions through the month of August. Four separate sessions were held, each consisting of a presentation by MG representatives, followed by an open discussion on key elements of interest to participants.

MG appreciates the strong interest and time committed by a range of stakeholders, recognising in particular that many of the consumer advocacy groups work under considerable resource constraints. As part of its enhanced engagement strategy, MG will work with these groups to ensure that they have the opportunity to represent their constituents in a timely and efficient manner.

The series of forums and presentations stimulated discussion in the following areas;

- Regulatory framework (GAAR) and the annual distribution pricing process and determinations.
- Key issues/feedback from customers and industry on approach to improve efficiency and service levels in the short, medium and long term.
- Indicative approach for 2014 distribution pricing from Multinet Gas.

A brief summary of the residential, business & commercial customer and retailer forums and attendees is indicated below.

Residential Customer Advocacy Groups including;

Multinet Gas extended invitations to key customer advocacy groups to attend a forum on the 20th of August 2013. Discussion was focused how new technology may be able to assist in lowering the cost of energy as well as flagging the impact of rising fixed costs for vulnerable customers.

- St Vincents De Paul
- Consumer Utilities Advocacy Centre
- Alternative Technology Association
- Victorian Council of Social Services
- Kildonan Uniting Church

Retailer Forum

Multinet Gas extended invitations to all registered gas retailers in Victoria to a forum on the 23rd of August 2013. An excellent response resulted in 32 attendees with the following retailers represented. Discussion was focused the logistics of implementing new tariffs and the timing of the release of 2014 pricing.

- AGL
- Origin
- Energy Australia
- Simply Energy
- Lumo
- Dodo
- Power Direct
- Blue NRG
- People Energy

Commercial and business customer group

Multinet Gas extended invitations to key commercial and industrial customer groups to discuss any issues pertaining to distribution tariffs. Discussions were held with the following customer group representatives.

- | | |
|-----------------------------|-------------------|
| • Energy Users Association | 5th August, 2013 |
| • Australian Industry Group | 12th August, 2013 |

2.6 Contact Details

The contact for further details on this Tariff report is:

Marcel Labouchardiere

Manager Revenue

United Energy and Multinet Gas

43 Centreway Place

Mount Waverley VIC 3149

T: (03) 8846 9712

E: marcel.labouchardiere@ue.com.au

3 Reference and Ancillary Reference Tariffs

3.1 Overview of Reference Tariffs

An overview of the reference tariffs is described below.

3.1.1 Haulage Reference Service Tariff V

Tariff V applies to customers using less than 10,000 GJ a year and less than 10 GJ MHQ. Within Tariff V there are two classifications: Residential and Non-Residential. Any new customer eligible for Tariff V is assigned their appropriate residential or non-residential classification by their Retailer.

Tariff V customers are charged a fixed daily charge and a price per GJ which decreases with increased usage (see Appendix 1-3 for details of all tariffs). There are currently five usage blocks for Residential and Non-Residential Customers as follows:

Tariff V Residential

	Consumption Range (GJ/day)
Usage Block 1	0 - 0.05
Usage Block 2	> 0.05 - 0.1
Usage Block 3	> 0.1 - 0.15
Usage Block 4	> 0.15 - 0.25
Usage Block 5	> 0.25

Tariff V Non Residential

	Consumption Range (GJ/day)
Usage Block 1	0 - 0.25
Usage Block 2	> 0.25 - 1.0
Usage Block 3	> 1.0 - 1.5
Usage Block 4	> 1.5 - 5.0
Usage Block 5	> 5.0

Both Residential and Non Residential Tariff V customers, have seasonal usage charges (\$/GJ) for the following periods:

- Off Peak Summer Period (November-April inc.)
- May Shoulder period (May)
- Peak Winter period (Jun-September inc.)
- October Shoulder period (October)

3.1.1.1 Residential Haulage Reference Service – Tariff V

The Residential Haulage Reference Service is the Haulage Reference Service for allowing the injection, conveyance and withdrawal of Gas by or in respect of a Residential Customer (being one who uses Gas primarily for domestic purposes). This Service includes the operation and maintenance of Connection assets being Expansions or Extensions comprising work on the Main, service pipe and metering Installation and scheduled meter reading.

MG will subject the costs of the Connection assets for Residential Haulage Reference Services to an Economic Feasibility Test as set out in the Extension and Expansions Policy detailed in section 5.5 of Part A of MG's Access Arrangement. Forecasts of these costs have been included in the calculation of the Total Revenue in accordance with section 8.20 of the Access Code. Any Charges relating to the Connection will be in accordance with section 5.5 of the Access Arrangement.

3.1.1.2 Non-Residential Haulage Reference Service – Tariff V

The Non-Residential Haulage Reference Service is the Haulage Reference Service for allowing the injection, conveyance and withdrawal of Gas by or in respect of a Non-Residential Customer (being one other than a Residential Customer). Where relevant, a Distribution Supply Point is assigned to a Haulage Reference Tariff – Non-Residential V. This Service includes the operation and maintenance of Connection assets (being Expansions or Extensions comprising work on the Main, service pipe and metering Installation) and scheduled meter reading services.

Multinet Gas will subject the costs of the Connection assets for Non-Residential Tariff V Haulage Reference Services to an Economic Feasibility Test as set out in the Extension and Expansions Policy detailed in section 5.5 of Part A of Multinet Gas's Access Arrangement. Forecasts of these costs have been included in the calculation of the Total Revenue in accordance with section 5.5.2 of the Access Code. Any Charges relating to the Connection will be in accordance with section 5.5 of the Access Arrangement.

3.1.2 Haulage Reference Tariff - Non-Residential Tariff D

Tariff D applies to customers using greater than 10,000 GJ a year or more than 10 GJ MHQ. Customers are charged based on their Maximum Hourly Quantity (MHQ) measured in Giga Joules (GJ) per hour. The MHQ unit rates are stepped as follows:

- 0-50MHQ (GJ/Hr)
- >50MQH (GJ/Hr)

A detailed explanation of how Tariff D MHQ bills are calculated and charged is shown in Appendix 4.

Where the relevant Distribution Supply Point is assigned to Haulage Reference Tariff Non-residential Tariff D, this Non-Residential Haulage Reference Service is for allowing the injection, conveyance and withdrawal of Gas at a Tariff D Distribution Supply Point. This Tariff does not include the provision and maintenance of Connection assets forming a Tariff D Distribution Supply Point.

Connection of a Tariff D Distribution Supply Point is to be provided as a non-Reference Service and the costs of these works and related operations and maintenance are not recovered through the Non-Residential Tariff D Reference Tariff. For these services, a fair and reasonable charge is to be levied.

3.1.3 Haulage Reference Tariff - Non-Residential Tariff L

Tariff L is open to customers who consume more than 1TJ per annum or less than 10TJ per annum and have an MHQ demand of less than 10 GJ per hour.

The tariff structure of Tariff L is a mixture of the Tariff V and D tariff structures. Tariff L has no fixed charge, however it contains seasonal stepped usage charges and two demand charges. There are currently two usage blocks for Tariff L customers:

Tariff L

	Consumption Range (GJ/day)
Usage Block 1	0 - 5
Usage Block 2	> 5

Like Tariff V, Tariff L also contains seasonal usage charges (\$/GJ) for the following periods:

- Off Peak Summer Period (November-April inc.)
- May Shoulder period (May)
- Peak Winter period (Jun-September inc.)
- October Shoulder period (October)

Tariff L also contains two Demand Charges as follows:

- A Rolling 12 month Maximum MHQ charge which is a daily charge based on the highest demand (MHQ) delivered over 12 months to the end of the billing period
- A Peak MHQ Demand Charge which is based on the highest demand (MHQ) delivered in any billing period during the hours 6am to 10am weekdays over the four peak months June to September.

A further explanation of Tariff L and its associated business rules can be seen in Appendix 5 of this document.

Where the relevant Distribution Supply Point is assigned to Haulage Reference Tariff Non-residential Tariff L, this Non-Residential Haulage Reference Service is for allowing the injection, conveyance and withdrawal of Gas at a Tariff L Distribution Supply Point. This Service does not include the provision and maintenance of Connection assets forming a Tariff L Distribution Supply Point.

Connection of a Tariff L Distribution Supply Point is to be provided as a non-Reference Service and the costs of these works and related operations and maintenance are not recovered through the Non-Residential Tariff L Reference Tariff. For these services, a fair and reasonable charge is to be levied.

3.2 Costs recovered by reference tariffs

Reference tariffs have been structured so that they recover the building block costs of Multinet Gas. These building blocks are:

- Return on Capital – The return has been set at 7.03% and is calculated by multiplying this rate by the annual average asset value
- Return of Capital – Regulatory depreciation of assets
- Taxation – based on a benchmarked distribution company
- Operating and Maintenance Costs
- Efficiency carry over – rewards or penalties for efficiency gains or losses respectively.

Each of these cost components are described in the company's Access Arrangement and Access Arrangement Information approved by the Australian Energy Regulator 29 April 2013. The actual tariffs that recover the costs determined in the 2013 Access Arrangement Review are described in the sections below.

3.3 Costs recovered by ancillary tariffs

Ancillary Reference Services are Services used in connection with the transportation and use of Gas. Multinet Gas is offering the Ancillary Reference Services set out in Schedule 1 of Part A under the Fourth Access Arrangement. They are also described in section 4.2 of this submission.

The costs of providing Ancillary services are similar in nature to those provide for reference tariffs, however relate directly to the provision of ancillary services.

3.4 Principles used to set tariffs

Multinet Gas's Reference Tariff Policy in Part B of the Access Arrangement sets out its Reference Tariffs, and how those Reference Tariffs are determined for Reference Services in accordance with section 3 of the Access Code.

Reference Services will be provided:

- in accordance with the relevant Regulatory Instruments and
- on reasonable Terms and Conditions as set out in Part C of the Access Arrangement.

Distribution Tariffs should be set so that they accurately reflect the costs associated with the Multinet Gas network and should also reflect the allocation of costs between customer groups.

The development and adjustment of tariffs broadly incorporates the following policy principles:

- **Regulatory compliance.** Distribution tariffs are required to be set within the confines of various regulatory and legislative criteria.
- **Market equity.** Having regard to the continuity of previously applicable price levels. Pricing should apply to all retailers in a neutral manner and not impede the viability of full retail contestability.
- **Cost reflectivity.** Seek appropriate mechanisms for achieving inter-customer group equity in the recovery of distribution revenue requirements. Pricing is to recognise cost-reflectivity, within the constraints imposed by: interpretation of regulatory requirements, customer group averaging assumptions, cost allocation methodologies employed, and historical imperatives. Have due regard to reasonable economic bounds on upper and lower limits, particularly as pertaining to efficient investment signalling and network usage.
- **Behavioural elasticity.** Seek to utilise rational consumer behavioural elasticity in terms of usage pattern responses to pricing signals.
- **Practicality.** Seek to simplify mechanisms balancing against economic functionality, while having regard to minimising transaction and pricing administration cost.
- **Environmental.** Within the limitations of the scope and context of gas distribution pricing, have regard to opportunities to improve utilisation efficiency, and accommodate emerging energy technologies, particularly in respect of greenhouse gas emission reduction.

Not all principles can be satisfied to their full extent, while fully complying with the Access Arrangement, particularly as some principles have conflicting implications requiring trade-offs to be made. Multinet Gas, however, has sought to achieve as much as possible in satisfying these principles within the given constraints.

4 Methodology to Set Reference Tariffs

4.1 Cost allocation to tariffs

4.1.1 Tariff V (Residential and Commercial)

Tariff V contains a fixed and variable charge. The fixed charge recovers unavoidable network infrastructure costs such as service connection, standard meters, and systems for billing and collection. The variable peak, shoulder and off peak charges recover all other costs associated with the Distribution use of System.

4.1.2 Tariffs D and L

The MHQ Demand charge for tariffs D and L recovers all capital, operation and maintenance “upstream” costs which are not recovered upfront and/or via the non-reference Operations and Maintenance charge and the tariff V charges.

4.1.3 Cost of Supply

Multinet Gas has a Cost of Supply model that allocates the costs of supplying customers for each reference tariff via appropriate methodologies to come up with upper and lower limits by Tariff V Residential, Tariff V Non-residential, Tariff L and Tariff D.

The Upper Costs are the standalone costs to bypass the network. These costs were calculated using the Optimised Replacement System Cost (ORC) of the network multiplied by the current WACC, and adding Depreciation and a consumption weighted share of Operations and Maintenance (O&M). These costs were then apportioned by volume of each customer class to get an average \$/GJ.

The Lower Cost is the marginal or avoidable cost of supply. The lower costs were calculated using a consumption weighted share of O&M and apportioning by volume for each customer class to get an average \$/GJ.

The average proposed 2014 tariff rates for Tariff V Residential, Tariff V Non-residential, Tariff L and Tariff D have been plotted against the upper and lower limits as per the figure 1 below, and the values behind this graph are in Table 3.1. The table and chart show that all the proposed 2014 tariffs are within the upper and lower cost bounds of providing these services.

Table 4-1: 2014 Proposed Average Tariffs versus Upper and Lower Cost Limits

Type	Tariff	Units	2014 Upper Bound “Standalone Cost”	2014 Lower Bound “Avoidable Cost”	2014 Average DUoS
Volume	Residential V	\$/GJ	4.88	1.64	4.05
Volume	Non-residential V	\$/GJ	1.98	0.36	1.43
Volume	Tariff L	\$/GJ	1.98	0.36	0.43
Demand	Tariff D	\$/00/MHQ	10.01	0.98	4.39

Figure 1: 2014 Proposed Average Tariffs versus Upper and Lower Cost Limits Tariff V and Tariff L

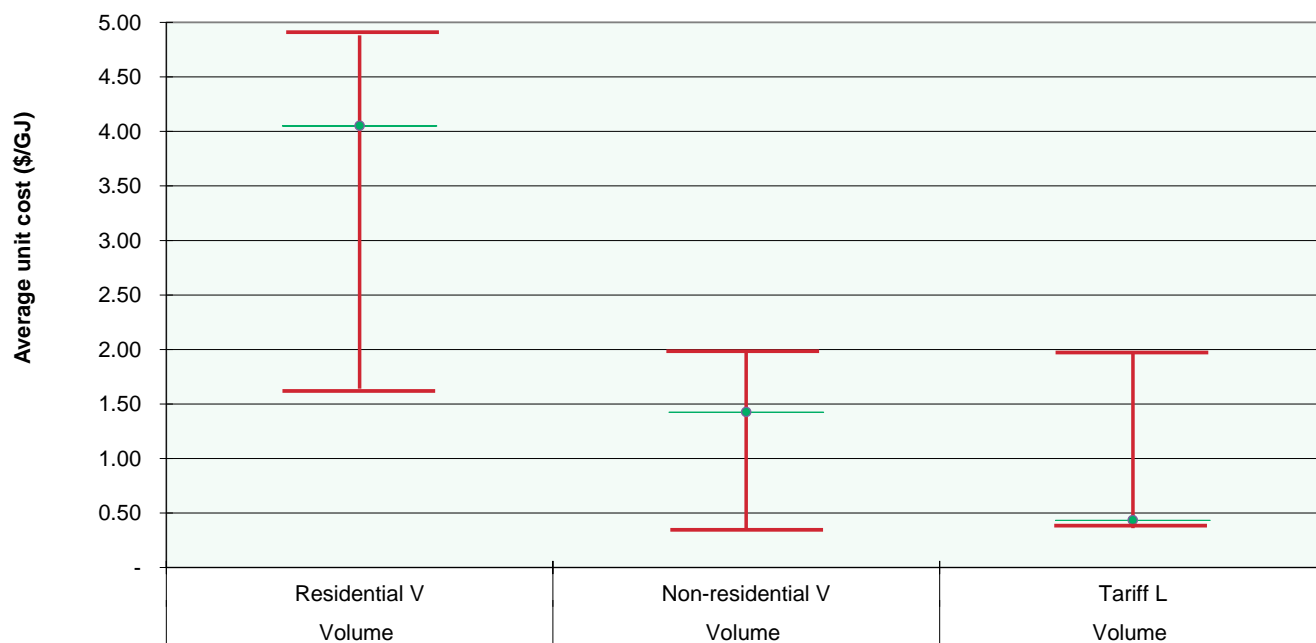
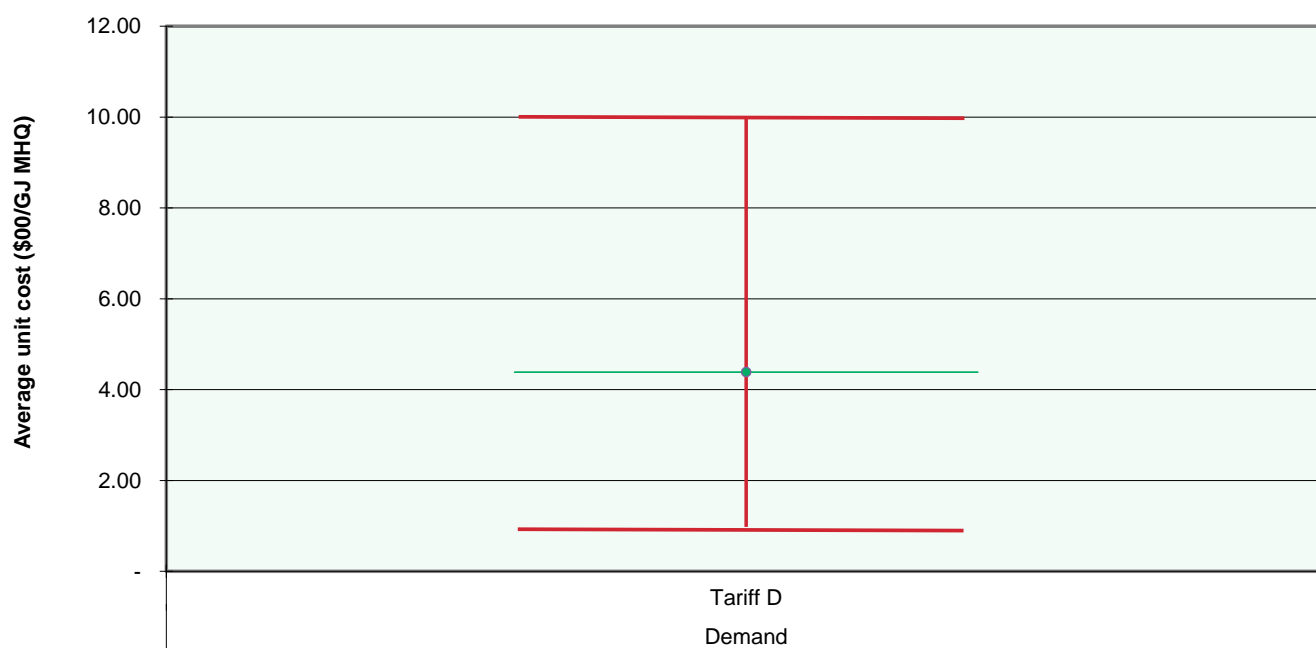


Figure 2: 2014 Proposed Average Tariffs versus Upper and Lower Cost Limits Tariff D



4.2 Cost differences between zones

Multinet Gas has three zones for the purposes of pricing.

- Metropolitan
- Yarra Valley
- South Gippsland.

Both Yarra Valley and South Gippsland are relatively new networks and have been connected with the assistance of complementary funding support from Regional Development Victoria. Despite this support, both of these networks require additional revenue to recover the projected shortfall of revenue to costs and this is reflected in pricing. This additional pricing will expire in approximately 12 years. Multinet Gas will gradually return this surcharge by decreasing these tariffs over time to eventually be in line with metro tariffs.

5 Current Reference and Ancillary Tariffs

5.1 Reference tariffs

The table below includes all the reference tariffs and tariff components proposed for 2014 compared to 2013. There have been no new tariffs introduced or any structural amendments for 2014.

The average price movement per tariff (\$/GJ) was calculated using the applicable revenue to that calendar year (ie. the 2013 revenue used 2013 price by 2012 quantity, and the 2014 revenue used 2014 price by 2012 quantity divided by the total 2012 quantity for that tariff (GJ)).

Table 5-1: 2013 versus 2014 Tariffs

Tariff V Residential	2013 (\$/GJ)	2014 (\$/GJ)	% Change
Fixed Charge (\$/day)	0.1500	0.1557	3.80%
Peak 0 - 0.05 GJ/day	6.6990	6.9537	3.80%
Peak 0.05 - 0.1 GJ/day	4.7913	4.9729	3.79%
Peak 0.1 - 0.15 GJ/day	2.4771	2.5710	3.79%
Peak 0.15 - 0.25 GJ/day	1.2537	1.3012	3.79%
Peak > 0.25 GJ/day	0.9304	0.9650	3.72%
May Shoulder 0 - 0.05 GJ/day	6.3647	6.6060	3.79%
May Shoulder 0.05 - 0.1 GJ/day	4.5517	4.7242	3.79%
May Shoulder 0.1 - 0.15 GJ/day	2.3541	2.4433	3.79%
May Shoulder 0.15 - 0.25 GJ/day	1.1910	1.2361	3.79%
May Shoulder >0.25 GJ/day	0.8956	0.9295	3.79%
Oct Shoulder 0 - 0.05 GJ/day	6.3647	6.6060	3.79%
Oct Shoulder 0.05 - 0.1 GJ/day	4.5517	4.7242	3.79%
Oct Shoulder 0.1 - 0.15 GJ/day	2.3541	2.4433	3.79%
Oct Shoulder 0.15 - 0.25 GJ/day	1.1910	1.2361	3.79%
Oct Shoulder >0.25 GJ/day	0.8956	0.9295	3.79%
Off Peak 0 - 0.05 GJ/day	5.6949	5.9108	3.79%
Off Peak 0.05 - 0.1 GJ/day	4.0726	4.2270	3.79%
Off Peak 0.1 - 0.15 GJ/day	2.1063	2.1861	3.79%
Off Peak 0.15 - 0.25 GJ/day	1.0656	1.1060	3.79%
Off Peak > 0.25 GJ/day	0.8014	0.8318	3.79%
Average Price Movement Tariff V Residential	3.90	4.05	3.79%

Tariff V Business	2013 (\$/GJ)	2014 (\$/GJ)	% Change
Fixed Charge (\$/day)	0.2465	0.2574	4.44%
Peak 0 - 0.25 GJ/day	3.0455	3.1609	3.79%
Peak 0.25 - 1.0 GJ/day	1.9274	2.0005	3.79%
Peak 1.0 - 1.5 GJ/day	1.1565	1.2003	3.79%
Peak 1.5 - 5.0 GJ/day	0.6436	0.6680	3.79%
Peak > 5.0 GJ/day	0.2148	0.2229	3.79%
May Shoulder 0 - 0.25 GJ/day	2.7949	2.9008	3.79%
May Shoulder 0.25 – 1 GJ/day	1.7347	1.8005	3.79%
May Shoulder 1 - 1.5 GJ/day	1.0987	1.1403	3.79%
May Shoulder 1.5 – 5 GJ/day	0.6271	0.6509	3.79%
May Shoulder >5 GJ/day	0.1932	0.2005	3.79%
Oct Shoulder 0 - 0.25 GJ/day	2.7949	2.9008	3.79%
Oct Shoulder 0.25 – 1 GJ/day	1.7347	1.8005	3.79%
Oct Shoulder 1 - 1.5 GJ/day	1.0987	1.1403	3.79%
Oct Shoulder 1.5 – 5 GJ/day	0.6271	0.6509	3.79%
Oct Shoulder >5 GJ/day	0.1932	0.2005	3.79%
Off Peak 0 - 0.25 GJ/day	2.5346	2.6307	3.79%
Off Peak 0.25 - 1.0 GJ/day	1.6751	1.7386	3.79%
Off Peak 1.0 - 1.5 GJ/day	1.0026	1.0406	3.79%
Off Peak 1.5 - 5.0 GJ/day	0.6076	0.6306	3.79%
Off Peak > 5.0 GJ/day	0.1716	0.1781	3.79%
Average Price Movement Tariff V Business	1.37	1.43	3.92%

Tariff D (Annual MHQ GJ/hr)	2013 (\$/MHQ)	2014 (\$/MHQ)	% Change
1 - 50 MHQ/day	1.2963	1.3455	3.79%
> 50 MHQ/day	0.2206	0.2289	3.79%
Average Price Movement Tariff D	1.15	1.20	3.79%
Tariff L- Multinet Gas Non-Residential	2013 (\$/GJ)	2014 (\$/GJ)	% Change
Fixed Charge	0.0000	0.0000	0.00%
Peak < 5 GJ/day	0.5082	0.5275	3.79%
Peak > 5 GJ/day	0.1090	0.1131	3.79%
May Shoulder < 5 GJ/day	0.4506	0.4677	3.79%
May Shoulder > 5 GJ/day	0.1024	0.1063	3.79%
Oct Shoulder < 5 GJ/day	0.4506	0.4677	3.79%
Oct Shoulder > 5 GJ/day	0.1024	0.1063	3.79%
Off Peak < 5 GJ/day	0.3574	0.3709	3.79%
Off Peak > 5 GJ/day	0.0812	0.0843	3.79%
Rolling 12 month max [\$/GJ (MHQ/d)]	0.4725	0.4904	3.79%
Peak Demand [\$/GJ (MHQ/d)]	1.4138	1.4674	3.79%
Average Price Movement Tariff L	0.42	0.43	3.79%

Residential Yarra Valley Tariff V	2013 (\$/GJ)	2014 (\$/GJ)	% Change
Fixed Charge (\$/day)	0.1500	0.1557	3.79%
Peak 0 - 0.05 GJ/day	9.4354	9.4354	0.00%
Peak 0.05 - 0.1 GJ/day	7.6382	7.6382	0.00%
Peak 0.1 - 0.15 GJ/day	5.4598	5.4598	0.00%
Peak 0.15 - 0.25 GJ/day	4.3069	4.3069	0.00%
Peak > 0.25 GJ/day	4.0141	4.0141	0.00%
May Shoulder 0 - 0.05 GJ/day	9.1199	9.1199	0.00%
May Shoulder 0.05 - 0.1 GJ/day	7.4126	7.4126	0.00%
May Shoulder 0.1 - 0.15 GJ/day	5.3431	5.3431	0.00%
May Shoulder 0.15 - 0.25 GJ/day	4.2478	4.2478	0.00%
May Shoulder >0.25 GJ/day	3.9696	3.9696	0.00%
Oct Shoulder 0 - 0.05 GJ/day	9.1199	9.1199	0.00%
Oct Shoulder 0.05 - 0.1 GJ/day	7.4126	7.4126	0.00%
Oct Shoulder 0.1 - 0.15 GJ/day	5.3431	5.3431	0.00%
Oct Shoulder 0.15 - 0.25 GJ/day	4.2478	4.2478	0.00%
Oct Shoulder >0.25 GJ/day	3.9696	3.9696	0.00%
Off Peak 0 - 0.05 GJ/day	8.4890	8.4890	0.00%
Off Peak 0.05 - 0.1 GJ/day	6.9614	6.9614	0.00%
Off Peak 0.1 - 0.15 GJ/day	5.1097	5.1097	0.00%
Off Peak 0.15 - 0.25 GJ/day	4.1297	4.1297	0.00%
Off Peak > 0.25 GJ/day	3.8808	3.8808	0.00%
Average Price Movement Yarra Valley Residential	6.93	6.97	0.53%

Business Yarra Valley Tariff V	2013 (\$/GJ)	2014 (\$/GJ)	% Change
Fixed Charge (\$/day)	0.2465	0.2558	3.79%
Peak 0 - 0.25 GJ/day	6.0689	6.0689	0.00%
Peak 0.25 - 1.0 GJ/day	4.9885	4.9885	0.00%
Peak 1.0 - 1.5 GJ/day	4.2437	4.2437	0.00%
Peak 1.5 - 5.0 GJ/day	3.7481	3.7481	0.00%
Peak > 5.0 GJ/day	3.3337	3.3337	0.00%
May Shoulder 0 - 0.25 GJ/day	5.8267	5.8267	0.00%
May Shoulder 0.25 – 1 GJ/day	4.8023	4.8023	0.00%
May Shoulder 1 - 1.5 GJ/day	4.1877	4.1877	0.00%
May Shoulder 1.5 – 5 GJ/day	3.7321	3.7321	0.00%
May Shoulder >5 GJ/day	3.3129	3.3129	0.00%
Oct Shoulder 0 - 0.25 GJ/day	5.8267	5.8267	0.00%
Oct Shoulder 0.25 – 1 GJ/day	4.8023	4.8023	0.00%
Oct Shoulder 1 - 1.5 GJ/day	4.1877	4.1877	0.00%
Oct Shoulder 1.5 – 5 GJ/day	3.7321	3.7321	0.00%
Oct Shoulder >5 GJ/day	3.3129	3.3129	0.00%
Off Peak 0 - 0.25 GJ/day	5.5752	5.5752	0.00%
Off Peak 0.25 - 1.0 GJ/day	4.7447	4.7447	0.00%
Off Peak 1.0 - 1.5 GJ/day	4.0949	4.0949	0.00%
Off Peak 1.5 - 5.0 GJ/day	3.7133	3.7133	0.00%
Off Peak > 5.0 GJ/day	3.2920	3.2920	0.00%
Average Price Movement Yarra Valley Business	4.69	4.71	0.23%

Residential South Gippsland Tariff V	2013 (\$/GJ)	2014 (\$/GJ)	% Change
Fixed Charge (\$/day)	0.1500	0.1557	3.79%
Peak 0 - 0.05 GJ/day	10.2687	10.2687	0.00%
Peak 0.05 - 0.1 GJ/day	8.3602	8.3602	0.00%
Peak 0.1 - 0.15 GJ/day	6.0470	6.0470	0.00%
Peak 0.15 - 0.25 GJ/day	4.8226	4.8226	0.00%
Peak > 0.25 GJ/day	4.5117	4.5117	0.00%
May Shoulder 0 - 0.05 GJ/day	9.9336	9.9336	0.00%
May Shoulder 0.05 - 0.1 GJ/day	8.1207	8.1207	0.00%
May Shoulder 0.1 - 0.15 GJ/day	5.9230	5.9230	0.00%
May Shoulder 0.15 - 0.25 GJ/day	4.7599	4.7599	0.00%
May Shoulder >0.25 GJ/day	4.4645	4.4645	0.00%
Oct Shoulder 0 - 0.05 GJ/day	9.9336	9.9336	0.00%
Oct Shoulder 0.05 - 0.1 GJ/day	8.1207	8.1207	0.00%
Oct Shoulder 0.1 - 0.15 GJ/day	5.9230	5.9230	0.00%
Oct Shoulder 0.15 - 0.25 GJ/day	4.7599	4.7599	0.00%
Oct Shoulder >0.25 GJ/day	4.4645	4.4645	0.00%
Off Peak 0 - 0.05 GJ/day	9.2638	9.2638	0.00%
Off Peak 0.05 - 0.1 GJ/day	7.6415	7.6415	0.00%
Off Peak 0.1 - 0.15 GJ/day	5.6752	5.6752	0.00%
Off Peak 0.15 - 0.25 GJ/day	4.6344	4.6344	0.00%
Off Peak > 0.25 GJ/day	4.3701	4.3701	0.00%
Average Price Movement South Gippsland Residential	8.95	9.01	0.71%

Business South Gippsland Tariff V	2013 (\$/GJ)	2014 (\$/GJ)	% Change
Fixed Charge (\$/day)	0.2529	0.2625	3.79%
Peak 0 - 0.25 GJ/day	6.6938	6.6938	0.00%
Peak 0.25 - 1.0 GJ/day	5.5465	5.5465	0.00%
Peak 1.0 - 1.5 GJ/day	4.7555	4.7555	0.00%
Peak 1.5 - 5.0 GJ/day	4.2293	4.2293	0.00%
Peak > 5.0 GJ/day	3.7892	3.7892	0.00%
May Shoulder 0 - 0.25 GJ/day	6.4366	6.4366	0.00%
May Shoulder 0.25 – 1 GJ/day	5.3487	5.3487	0.00%
May Shoulder 1 - 1.5 GJ/day	4.6961	4.6961	0.00%
May Shoulder 1.5 – 5 GJ/day	4.2122	4.2122	0.00%
May Shoulder >5 GJ/day	3.7670	3.7670	0.00%
Oct Shoulder 0 - 0.25 GJ/day	6.4366	6.4366	0.00%
Oct Shoulder 0.25 – 1 GJ/day	5.3487	5.3487	0.00%
Oct Shoulder 1 - 1.5 GJ/day	4.6961	4.6961	0.00%
Oct Shoulder 1.5 – 5 GJ/day	4.2122	4.2122	0.00%
Oct Shoulder >5 GJ/day	3.7670	3.7670	0.00%
Off Peak 0 - 0.25 GJ/day	6.1695	6.1695	0.00%
Off Peak 0.25 - 1.0 GJ/day	5.2876	5.2876	0.00%
Off Peak 1.0 - 1.5 GJ/day	4.5975	4.5975	0.00%
Off Peak 1.5 - 5.0 GJ/day	4.1923	4.1923	0.00%
Off Peak > 5.0 GJ/day	3.7449	3.7449	0.00%
Average Price Movement South Gippsland Business	4.66	4.66	0.11%

South Gippsland Tariff D (Annual MHQ GJ/hr)	2013 (\$/MHQ)	2014 (\$/MHQ)	% Change
1 - 50 MHQ/day	1.6629	1.6629	0.00%
> 50 MHQ/day	0.2829	0.2829	0.00%
Average Price Movement South Gippsland Tariff D	1.52	1.52	0.00%

5.2 Ancillary Reference Tariffs

Ancillary Reference Tariffs apply to the provision of Ancillary Services. Ancillary Services are those services that are provided in accordance with Schedule 1 of Part A of Multinet Gas's Access Arrangement. These services are detailed below:

Meter and Gas Installation Test – on-site testing to check the accuracy of a Meter and the compliance of a Gas Installation with relevant standards, in order to determine whether the meter is accurately measuring the Quantity of Gas delivered.

Disconnection by the carrying out of work being:

- Removal of the meter at a Metering Installation, or
- The use of locks or plugs at a Metering Installation in order to prevent the withdrawal of Gas at the Distribution Supply Point in response to:
 - The direction in writing of a User
 - A request from a customer the customer obtaining or having obtained Supply at a Distribution Supply Point otherwise than in accordance with the Distribution System Code or any regulatory requirement.

Turn on and Reconnection being:

- Reinstallation of a meter if it has been removed, or
- The removal of any locks or plugs used to isolate Supply, and
- The performance of a safety check and the lighting of appliances where necessary.

Special Meter Reading being meter readings in addition to scheduled meter readings that form part of the Haulage Reference Services.

The Ancillary Reference Services will be provided on Business Days between the hours of 8.00am and 4.00pm.

The table of the proposed 2014 prices compared to the 2013 prices is provided next:

Table 5-2: 2013 versus 2014 Ancillary Reference Charges

MULTINET GAS				
ANCILLARY REFERENCE CHARGES				
Reference	Service Description	2013 (\$)	2014 (\$)	% Change
METON	Meter Turn On / or Reconnect	39.46	40.12	1.67%
METREM	Meter Removal - Various	55.93	56.86	1.66%
METINV	Meter Investigation – High Account Investigation	133.64	135.87	1.67%
METPLG	Meter Disconnection – Use of locks & plugs	46.81	47.59	1.67%

SPRDB	Special Meter Read	6.01	6.11	1.66%
GMETON	Gippsland Meter Turn On / or Reconnect	39.46	40.12	1.67%
GMTREM	Gippsland Meter Removal - Various	55.93	56.86	1.66%
GMTINV	Gippsland Meter Investigation – High Account Investigation	133.64	135.87	1.67%
GMTPLG	Gippsland Meter Disconnection – Use of locks & plugs	46.81	47.59	1.67%
GSPMR	Gippsland Special Meter Read	6.01	6.11	1.66%

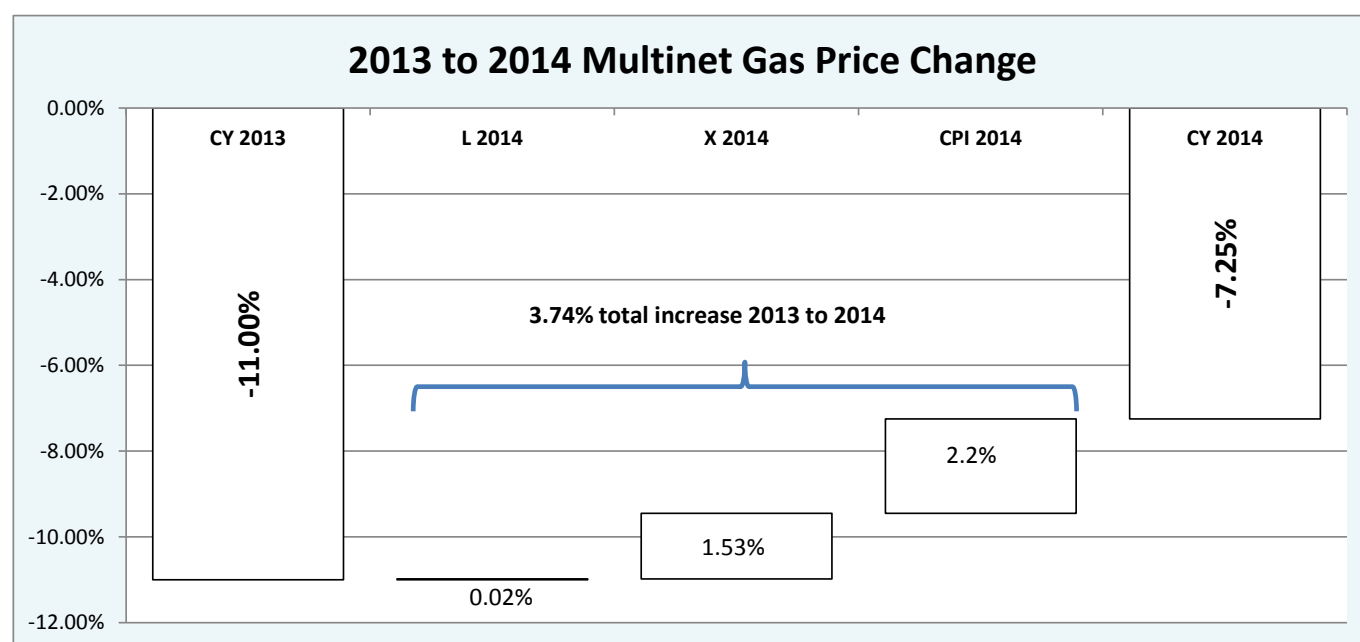
5.3 Price control regime

The regulated price control formula allowed Multinet Gas an average increase in distribution tariffs in 2014 of 3.74% over the 2013 tariffs. The major components of this change are:

- CPI = 2.0% (Consumer Price Index)
- X = -2% (underlying price path for distribution tariffs over the regulatory period)
- L = 0.02% (relates to licence fees paid by Multinet Gas in previous year)
- A = 0% (relates to any approved pass through amounts for previous year)

Allowable price change = $(1+CPI) * (1-X) * (1+L) * (1+A)$

The below chart illustrates the 11% price decrease applied in 2013 from 2012, and the ensuing 2014 price change and price control components. It shows the 2014 price is 7.25% less than the 2012 price.



Within the average tariff increase of 3.74%, the price control formulae allow individual tariffs to increase up to 5.74% under the rebalancing constraints. This allows Multinet Gas some flexibility as to where the average 3.74% increase is allocated.

Yarra Valley and South Gippsland Tariff V Residential and Commercial consumption tariffs currently attract a surcharge which is due to expire in approximately 12 years. Multinet Gas will gradually return this surcharge by decreasing these tariffs over time to eventually be in line with metro tariffs.

Ancillary Reference and other charges have increased by CPI from 2013 to 2014.

5.4 Future tariffs

Multinet Gas believes that the current Tariff V structure will remain over the 2013-2017 Access Arrangement period. However, Multinet Gas will continually rebalance its tariffs in regard to changes to the demand profile of its network and will seek appropriate mechanisms for achieving inter-customer group equity in the allocation of distribution cost-recovery requirements.

Multinet Gas continues to monitor new gas technology such as gas air conditioning and co-generation with an intent to introduce new tariffs that will maintain Multinet Gas's operating revenue whilst encouraging customers to change their consumption to improve overall asset utilisation and system load factor.

The current Access Arrangement provides for Ancillary Reference Services to change by CPI every year.

6 New Tariffs

6.1 New Tariffs / Tariff Structures

No new tariffs will be introduced in 2014.

6.2 Derivation of new tariffs / new tariff structure

Not applicable

7 Previous year tariffs

All previous year tariffs are included in section 4.

8 Impact of Tariff Variations

8.1 Change in customer charges

The table below provides indicative information for an “average” Multinet Gas customer and the effect it will have on the distribution component of a typical bill.

Table 8-1: Residential Customer – Tariff V

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per annum	Unit	Price (\$/unit)		
Fixed	1.0	Cust/Day	\$0.15	\$0.16	3.79%
Peak	35.1	GJ	\$2.62	\$2.72	3.80%
May Shoulder	7.3	GJ	\$2.78	\$2.88	3.79%
October Shoulder	4.7	GJ	\$3.53	\$3.67	3.79%
Off Peak	15.3	GJ	\$3.92	\$4.07	3.79%
Total	62.4	GJ	\$3.90	\$4.05	3.79%

Note: Total effect on average revenue is contained in table 8.10

Table 8-2: Business Customer – Tariff V

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per annum	Unit	Price (\$/unit)		
Fixed	1.0	Cust/Day	\$0.25	\$0.26	4.44%
Peak	148.6	GJ	\$1.11	\$1.15	3.79%
May Shoulder	34.3	GJ	\$1.05	\$1.09	3.79%
October Shoulder	28.2	GJ	\$1.09	\$1.14	3.79%
Off Peak	123.9	GJ	\$1.11	\$1.15	3.79%
Total	335.0	GJ	\$1.37	\$1.43	3.92%

Note: Total effect on average revenue is contained in table 8.10

Table 8-3: Tariff L Customer

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per day	Unit	Price (\$/unit)		
Fixed	n/a	n/a	\$0.00	\$0.00	0.00%
Peak	6.7	GJ	\$0.20	\$0.21	3.79%
Shoulder	2.8	GJ	\$0.20	\$0.20	3.79%
Off Peak	5.0	GJ	\$0.19	\$0.19	3.79%
Rolling Demand	3.7	GJ MQH/day	\$0.47	\$0.49	3.79%
Peak Demand	3.2	GJ MQH/day	\$0.47	\$0.49	3.79%
Total	5321.8		\$0.42	\$0.43	3.79%

Note: Total effect on average revenue is contained in table 8.10

Table 8-4: Tariff D Customer

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per day	Unit	Price (\$/unit)		
Demand 0 - 50 MHQ	11.3	GJ MQH/day	1.30	1.35	3.79%
Demand > 50 MHQ	1.7	GJ MQH/day	0.22	0.23	3.79%
Demand Total	13.1	GJ MQH/day	\$1.15	\$1.20	3.79%

Note: Total effect on average revenue is contained in table 8.10

Table 8-5: Yarra Valley Residential Customer – Tariff V

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per annum	Unit	Price (\$/unit)		
Fixed	1.0	Cust/Day	\$0.15	\$0.16	3.79%
Peak	33.1	GJ	\$5.65	\$5.65	0.00%
May Shoulder	6.8	GJ	\$5.77	\$5.77	0.00%
October Shoulder	4.5	GJ	\$6.51	\$6.51	0.00%
Off Peak	12.7	GJ	\$6.73	\$6.73	0.00%
Total	57.0	GJ	\$6.93	\$6.97	0.53%

Note: Total effect on average revenue is contained in table 8.10

Table 8-6: Yarra Valley Business Customer – Tariff V

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per annum	Unit	Price (\$/unit)		
Fixed	1.0	Cust/Day	\$0.25	\$0.26	3.79%
Peak	151.1	GJ	\$4.37	\$4.37	0.00%
May Shoulder	30.3	GJ	\$4.36	\$4.36	0.00%
October Shoulder	26.4	GJ	\$4.44	\$4.44	0.00%
Off Peak	105.1	GJ	\$4.46	\$4.46	0.00%
Total	313.0	GJ	\$4.69	\$4.71	0.23%

Note: Total effect on average revenue is contained in table 8.10

Table 8-7: South Gippsland Residential Customer – Tariff V

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per annum	Unit	Price (\$/unit)		
Fixed	1.0	Cust/Day	\$0.15	\$0.16	3.79%
Peak	19.2	GJ	\$6.99	\$6.99	0.00%
May Shoulder	3.3	GJ	\$7.50	\$7.50	0.00%
October Shoulder	2.3	GJ	\$8.00	\$8.00	0.00%
Off Peak	7.9	GJ	\$7.65	\$7.65	0.00%
Total	32.7	GJ	\$8.95	\$9.01	0.71%

Note: Total effect on average revenue is contained in table 8.10.

Table 8-8: South Gippsland Business Customer – Tariff V

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per annum	Unit	Price (\$/unit)		
Fixed	1.0	Cust/Day	\$0.25	\$0.27	6.42%
Peak	295.4	GJ	\$4.48	\$4.48	0.00%
May Shoulder	63.0	GJ	\$4.49	\$4.49	0.00%
October Shoulder	57.4	GJ	\$4.50	\$4.50	0.00%
Off Peak	262.1	GJ	\$4.58	\$4.58	0.00%
Total	677.9	GJ	\$4.66	\$4.66	0.11%

Note: Total effect on average revenue is contained in table 8.10.

Table 8-9: South Gippsland Tariff D Customer

Component	Existing 2013 Average			Proposed Average 2014 Price (\$/unit)	% Price Change
	Usage per day	Unit	Price (\$/unit)		
Demand 0 - 50 MHQ	50.0	GJ MQH/day	\$1.66	\$1.66	0.00%
Demand > 50 MHQ	6.0	GJ MQH/day	\$0.28	\$0.28	0.00%
Demand Total	56.0	GJ MQH/day	\$1.52	\$1.52	0.00%

Note: Total effect on average revenue is contained in table 8.10.

8.2 Change in average customer charge by tariff

The table below provides indicative information for an “average” Multinet Gas customer and the effect it will have on the distribution tariff by \$/customer.

Table 8-10: Change in Average Customer

Component	Existing 2013 \$/Cust/annum	Proposed 2014 \$/Cust/annum	% Change
Tariff V Residential	\$244	\$253	3.79%
Tariff V Business	\$460	\$478	3.92%
Tariff L	\$1,191	\$1,236	3.79%
Tariff D	\$5,523	\$5,733	3.79%
Yarra Valley Residential	\$396	\$398	0.53%
Yarra Valley Business	\$1,470	\$1,473	0.23%
South Gippsland Residential	\$293	\$295	0.71%
South Gippsland Business	\$3,159	\$3,165	0.19%
South Gippsland Tariff D	\$31,050	\$31,050	0.00%

8.3 Multinet Residential Distribution Tariff compared to Total Retail Bill

The table below provides indicative information for the average Multinet Gas Residential customer DUOS as compared to the total Retail Bill. As shown, the DUOS component is approximately 21% of the total customer bill:

Table 8-11: Residential DUOS v Total Retail Bill

	2013 MG DUOS	2013 Retail Bill	% DUOS Total Retail Bill
Tariff V Residential (avg 62 GJ/annum)	\$244	\$1,164	21%

9 Carbon Tax

On 18 November 2011, the Clean Energy Act 2011 (Cth) (Clean Energy Act) received royal assent. This Act is part of a new package of legislation (CPM) which requires liable entities to pay a price on carbon emissions (carbon tax) from 1 July 2012. The CPM requires a liable entity to pay a tax for each tonne of carbon dioxide equivalent (tCO₂e) it emits. Multinet Gas is a liable entity under the CPM.

In the third access period Multinet Gas sought recovery of the carbon tax as a pass through amount in accordance with the Reference Tariff Policy of the Access Arrangement for the period between 1 July 2012 (commencement of the carbon tax liability) and 31 December 2012 (end of the current Access Arrangement period). The recovery of costs attributable to the CPM after this time occurs through an amendment to the Reference Tariff Control Formula approved by the AER in the Fourth (2013 to 2017) Access Arrangement. The approved control formula for the

recovery of the carbon tax operates in a similar manner to a jurisdictional solar scheme whereby Multinet Gas can recover the costs of the CPM scheme liability and any cost overrun or underrun is trued up in the formula leaving Multinet Gas neutral to the CPM scheme.

The Coalition Government have advised that they intend to amend the scheme according to their Direct Action Plan policy. Once the CPM is legislatively changed and takes effect then the changes will be reflected in the carbon tax tariff formula as part of a relevant pass through event. Multinet Gas will amend the network tariffs following AER approval.

The carbon pricing mechanism will apply to emissions of greenhouse gases from 1 July 2012. The cost of the permit is fixed at \$23/tonne for 12/13 and \$24.15 for 13/14 and \$25.40 for 14/15.

Multinet Gas's annual carbon tax liability will be the product of the carbon permit cost, for example \$23 tCO₂e and the network's annual carbon emissions. The latter is calculated in accordance with "Natural Gas Distribution Method 1", which is set out in the National Greenhouse and Energy Reporting (Measurement) Determination 2008. Method 1 is the default method, derived from the National Greenhouse Accounts methods and is based on the national average estimates. Method 1 calculates emissions based on sales, a portion of a fixed unaccounted for gas figure for Victoria attributable to losses and CO₂ equivalent factors for the emissions of methane and oxidised CO₂. The estimates have been based on our most recent sales forecast data.

Multinet Gas has proposed the same carbon tax tariff structure as that proposed and approved by the AER from the Multinet Cost Pass Through Application – Carbon Tax , 14 February 2012.

Based on the current CPM legislative framework, Table 9.1 below outlines the certified Carbon Tax Emissions for the 2012/13 fiscal year, the estimates for future and calendar years, and the associated charges for carbon tax. The letter certifying the actual amount for 1 July 2012 to 31 December 2012 is provided for completeness in Appendix 8.

Table 9-1: Carbon Tax Emissions and Costs

Actual/Estimate	Year	Emissions (GJ)	Cost (\$/GJ)	Total Liability (\$)
Actual (Certified)	2012/13	270,335	\$23.00	\$6,217,706
Estimate	2013/14	270,335	\$24.15	\$6,528,592
Estimate	2014/15	270,335	\$25.40	\$6,866,510
Estimate	2013	270,335		\$6,373,149
Estimate	2014	270,335		\$6,697,551

Table 9.2 below outlines the carbon tax revenue, costs and correction factor applicable to Multinet Gas in 2014:

Table 9-2: Carbon Tax Scheme Amounts (\$'000)

	2013 Estimate	2014 Forecast
Revenue from Carbon Tax	\$7,237	\$5,768
Carbon Tax Cost	\$6,373	\$6,698
Correction Factor		\$929

Table 9.3 includes the applicable carbon tax tariffs proposed for 2014 compared to 2013. There have been no structural amendments from 2013 to 2014. All tariffs remain as \$/GJ.

Table 9.3: Carbon Tax Tariff (\$/GJ)

Tariff	2013 (\$/GJ)	2014 (\$/GJ)	% Change
Tariff V Residential	\$0.1851	\$0.1406	-24.04%
Tariff V Non-Residential	\$0.0633	\$0.0481	-24.01%
Tariff L/D - Multinet			
<100000	\$0.0096	\$0.0073	-23.96%
>100000	\$0.0030	\$0.0023	-23.33%

Appendix 1 – Multinet Gas Metropolitan Area Tariffs

SCHEDULE OF GAS DISTRIBUTION TARIFFS – MULTINET GAS – exclusive of GST

Date of Application – 1 January 2014

Tariff V Residential

Distribution Fixed Component

\$0.1557 per day (exclusive of GST)

Consumption Range (GJ/day)	Distribution Volume tariff component - peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - off peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - May Shoulder period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - Oct Shoulder period (\$/GJ) (exclusive of GST)
0 - 0.05	6.9537	5.9108	6.6060	6.6060
> 0.05 - 0.1	4.9729	4.2270	4.7242	4.7242
> 0.1 - 0.15	2.5710	2.1861	2.4433	2.4433
> 0.15 - 0.25	1.3012	1.1060	1.2361	1.2361
> 0.25	0.9650	0.8318	0.9295	0.9295

Tariff V Non Residential

Distribution Fixed Component

\$0.2574 per day (exclusive of GST)

Consumption Range (GJ/day)	Distribution Volume tariff component - peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - off peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - May Shoulder period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - Oct Shoulder period (\$/GJ) (exclusive of GST)
0 - 0.25	3.1609	2.6307	2.9008	2.9008
> 0.25 - 1	2.0005	1.7386	1.8005	1.8005
> 1 - 1.5	1.2003	1.0406	1.1403	1.1403
> 1.5 - 5	0.6680	0.6306	0.6509	0.6509
> 5	0.2229	0.1781	0.2005	0.2005

Tariff L Non Residential

Consumption Range (GJ/day)	Distribution Volume tariff component - peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - off peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - May Shoulder period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - Oct Shoulder period (\$/GJ) (exclusive of GST)
< 5	0.5275	0.3709	0.4677	0.4677
> 5	0.1131	0.0843	0.1063	0.1063

Rolling 12 month Maximum MHQ Distribution Demand tariff component (\$/MHQ per day) (exclusive of GST)	Peak MHQ Distribution Demand tariff component (\$/MHQ per day) (exclusive of GST)
0.4904	1.4674

Tariff D

Annual MHQ (GJ/hr)	Distribution Demand tariff component (\$/MHQ) (exclusive of GST)
0 - 50	492.4482
> 50	83.7858

Period Definitions

Peak	June - September
Off Peak	November - April
Shoulder	May
Shoulder	October

Appendix 2 - Yarra Valley Tariffs

SCHEDULE OF GAS DISTRIBUTION TARIFFS – MULTINET GAS YARRA VALLEY– exclusive of GST

Date of Application – 1 January 2014

Tariff V Residential

Distribution Fixed Component

\$0.1557 per day (exclusive of GST)

Consumption Range (GJ/day)	Distribution Volume tariff component - peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - off peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - May Shoulder period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - Oct Shoulder period (\$/GJ) (exclusive of GST)
0 - 0.05	9.4354	8.4890	9.1199	9.1199
> 0.05 - 0.1	7.6382	6.9614	7.4126	7.4126
> 0.1 - 0.15	5.4598	5.1097	5.3431	5.3431
> 0.15 - 0.25	4.3069	4.1297	4.2478	4.2478
> 0.25	4.0141	3.8808	3.9696	3.9696

Tariff V Non Residential

Distribution Fixed Component

\$0.2558 per day (exclusive of GST)

Consumption Range (GJ/day)	Distribution Volume tariff component - peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - off peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - May Shoulder period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - Oct Shoulder period (\$/GJ) (exclusive of GST)
0 - 0.25	6.0689	5.5752	5.8267	5.8267
> 0.25 - 1	4.9885	4.7447	4.8023	4.8023
> 1 - 1.5	4.2437	4.0949	4.1877	4.1877
> 1.5 - 5	3.7481	3.7133	3.7321	3.7321
> 5	3.3337	3.2920	3.3129	3.3129

Period Definitions

Peak	June - September
Off Peak	November - April
Shoulder	May
Shoulder	October

Appendix 3 – South Gippsland Tariffs

SCHEDULE OF GAS DISTRIBUTION TARIFFS – MULTINET GAS SOUTH GIPPSLAND– exclusive of GST

Date of Application – 1 January 2014

Tariff V Residential

Distribution Fixed Component

\$0.1557 per day (exclusive of GST)

Consumption Range (GJ/day)	Distribution Volume tariff component - peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - off peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - May Shoulder period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - Oct Shoulder period (\$/GJ) (exclusive of GST)
0 - 0.05	10.2687	9.2638	9.9336	9.9336
> 0.05 - 0.1	8.3602	7.6415	8.1207	8.1207
> 0.1 - 0.15	6.0470	5.6752	5.9230	5.9230
> 0.15 - 0.25	4.8226	4.6344	4.7599	4.7599
> 0.25	4.5117	4.3701	4.4645	4.4645

Tariff V Non Residential

Distribution Fixed Component

\$0.2625 per day (exclusive of GST)

Consumption Range (GJ/day)	Distribution Volume tariff component - peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - off peak period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - May Shoulder period (\$/GJ) (exclusive of GST)	Distribution Volume tariff component - Oct Shoulder period (\$/GJ) (exclusive of GST)
0 - 0.25	6.6938	6.1695	6.4366	6.4366
> 0.25 - 1	5.5465	5.2876	5.3487	5.3487
> 1 - 1.5	4.7555	4.5975	4.6961	4.6961
> 1.5 - 5	4.2293	4.1923	4.2122	4.2122
> 5	3.7892	3.7449	3.7670	3.7670

Tariff D

Annual MHQ (GJ/hr)	Distribution Demand tariff component (\$/MHQ) (exclusive of GST)
0 - 50	608.6116
> 50	103.5439

Period Definitions

Peak	June - September
Off Peak	November - April
Shoulder	May
Shoulder	October

Appendix 4 – Tariff D MHQ Billing Calculation

Distribution Demand Charge = (Estimated Annual Charge – Charges to Date) / Remaining Bill Periods.

where: Estimated Annual Charge is:

For billing periods between January and September:

If Actual Annual MHQ > Forecast Annual MHQ then:

$$\text{Estimate Annual Charge} = \text{Actual Annual MHQ} * \text{Rate}$$

Or:

$$\text{Estimate Annual Charge} = \text{Forecast Annual MHQ} * \text{Rate}$$

For billing periods between October and December:

If the Maximum Annual MHQ for the last 9 months is less than the Forecast Annual MHQ then:

$$\text{Forecast Annual MHQ} = \text{Maximum Annual MHQ} * \text{Rate}$$

Or:

$$\text{Estimated Annual Charge} = \text{Forecast Annual MHQ} * \text{Rate}$$

Note:

A minimum MHQ of 1.15GJ applies to the Estimated Annual Charge. If the MHQ (either the Actual Annual MHQ or the Forecast Annual MHQ) used for the Estimated Annual Charge is less than 1.15MJ then 1.15MJ will be used to calculate the charge.

Charges to Date is the sum of the Distribution Demand Charges that have been charged in the current year.

Remaining Billing Periods is set using the table below:

Billing Period	Remaining Billing Period
January	12
February	11
March	10
April	9
May	8
June	7
July	6
August	5
September	4
October	3
November	2
December	1

Note:

The unit rates used for Tariff D are stepped and are as follows:

0 – 50MHQ (GJ/Hr) @ \$492.4482

> 50MHQ (GJ/Hr) @ \$83.7858

If there is a change in the retailer for a service point, then the Distribution charges for the entire month are charged to the new retailer.

Examples

MHQ = Maximum Hourly Quantity (Measured in Giga Joules (GJ))

Generally, each bill is: (Yearly Amount for Estimate MHQ – Current YTD) / Number of months left in year.

Example 1

Say the Estimated MHQ was 1200 which equated to \$1200 a year and the Estimate proved correct and the MHQ for the year was in fact 1200

Month	Actual MHQ	Estimated MHQ	Bill Calc	Bill	YTD
1	1000	1200	(1200 - 0) /12	100	100
2	900	1200	(1200 - 100) /11	100	200
3	600	1200	(1200 - 200) /10	100	300
4	500	1200	(1200 - 300) /9	100	400
5	700	1200	(1200 - 400) /8	100	500
6	900	1200	(1200 - 500) /7	100	600
7	800	1200	(1200 - 600) /6	100	700
8	1200	1200	(1200 - 700) /5	100	800
9	1000	1200	(1200 - 800) /4	100	900
10	600	1200	(1200 - 900) /3	100	1000
11	800	1200	(1200 - 1000) /2	100	1100
12	900	1200	(1200 - 1100) /1	100	1200

Example 2

Say the Estimated MHQ was 1200 which equated to \$1200 a year and the Estimate was high and the highest MHQ was in fact 1000 in January.

Every September the Estimate is revised to 1000

Month	Actual MHQ	Estimated MHQ	Bill Calc	Bill	YTD
1	1000	1200	$(1200 - 0) / 12$	100	100
2	900	1200	$(1200 - 100) / 11$	100	200
3	600	1200	$(1200 - 200) / 10$	100	300
4	500	1200	$(1200 - 300) / 9$	100	400
5	700	1200	$(1200 - 400) / 8$	100	500
6	900	1200	$(1200 - 500) / 7$	100	600
7	800	1200	$(1200 - 600) / 6$	100	700
8	900	1200	$(1200 - 700) / 5$	100	800
9	1000	1000	$(1000 - 800) / 4$	50	850
10	600	1000	$(1000 - 850) / 3$	50	900
11	800	1000	$(1000 - 900) / 2$	50	950
12	900	1000	$(1000 - 950) / 1$	50	1000

Example 3

Say the Estimated MHQ was 1200 which equated to \$1200 a year and the Estimate was Low and the highest MHQ was in fact 1400 in April.

The April high would increase the estimate up straight away.

Month	Actual MHQ	Estimated MHQ	Bill Calc	Bill	YTD
1	1000	1200	$(1200 - 0) / 12$	100	100
2	900	1200	$(1200 - 100) / 11$	100	200
3	600	1200	$(1200 - 200) / 10$	100	300
4	1400	1400	$(1400 - 300) / 9$	122.22	422.22
5	700	1400	$(1400 - 422.22) / 8$	122.22	544.44
6	900	1400	$(1400 - 544.44) / 7$	122.22	666.66
7	800	1400	$(1400 - 666.66) / 6$	122.22	788.88
8	900	1400	$(1400 - 788.88) / 5$	122.22	911.1
9	1000	1400	$(1400 - 911.10) / 4$	122.22	1033.32
10	600	1400	$(1400 - 1033.32) / 3$	122.22	1155.54
11	800	1400	$(1400 - 1155.54) / 2$	122.22	1277.76
12	900	1400	$(1400 - 1399.98) / 1$	122.22	1399.98

Appendix 5 – Tariff L: Description and Business Rules

Description and Requirements

The L tariff is open to customers:

- consuming more than 1TJ per annum;
- consuming less than 10TJ per annum; and
- have an MHQ demand of less than 10 GJ per hour.

In association with introduction of the L tariff, Multinet Gas has withdrawn the Non-residential V tariff to new customers who have at any time consumed more than 5TJ per consecutive 6 month period.

L tariff customers must:

- pay for an appropriate meter which is capable of recording MHQ
- pay a charge for providing connection assets and mains extensions that have been previously undertaken for that distribution supply point; and
- continue to be assigned to Tariff L for a period of up to 1 year.

Tariff Structure

Rolling 12 Month Maximum MHQ Charge:

- The 12 Month Rolling Maximum Demand Charge is a daily charge based on the highest demand (MHQ) delivered over 12 months to the end of the billing period.
- There is no minimum chargeable demand and no tariff step based on MHQ.
- In exceptional circumstances, customers can apply for their Rolling 12 month Maximum MHQ to be decreased

If a particular customer has changed their gas usage over a shorter term than the 12 months covered by the Rolling 12 month Maximum MHQ (e.g. 3 - 6 months), then they are eligible (on their request) to accelerate their reduction in demand before the 12 month period is up.

If a customer wants to reduce their chargeable demand, they must complete a "Demand Reset Form." This should be faxed to 03 9256 5590.

The form allows for input of the reason for the demand reset being requested. If the reset is being requested because of an unusual event that has caused a peak during one month that is outside the normal operating thresholds for the business, this event will be investigated. If it is substantiated then a reset may be approved.

Where a customer ceases to take supply or changes retailer the maximum demand will be calculated with respect to the 12 months prior to the end of the billing period in question.

Peak MHQ Distribution Demand Charge Business Rules: – The Peak MHQ

Distribution Demand Charge is a daily charge based on the highest demand (MHQ) delivered in any billing period during the hours 6 am to 10 am on weekdays over the 4 Peak months.

- The four Peak Months are June through to end of September
- There is no minimum chargeable demand and no tariff step based on MHQ
- Where a customer ceases to take supply or changes retailer the maximum demand will be calculated with respect to the billing period in question.

For ease of explanation, the means of calculating the Peak MHQ Distribution Demand Charge is broken down into:

- Periods when maximum demand may be measured for calculating a Peak MHQ Distribution Demand Charge quantity.
- Calculation of the Peak MHQ Distribution Demand Charge quantity to be applied to the billing calculations.
- Application of the Peak MHQ Distribution Demand Charge quantity to the billing period.

Times that are relevant to identify the Peak MHQ Distribution Demand Charge:

- Peak months, where Peak is defined as 1 June to 30 September.
- Weekdays, excluding public holidays.
- Hours between 6am and 10am local time.

The Peak MHQ Distribution Demand Charge demand quantity to be applied to the billing calculation is:

- The highest MDQ measured in the monitored periods during each billing period
- Application of Peak MHQ Distribution Demand Charge quantity to the billing period:
- The billing period is the period covered by the bill which is generally a period between; scheduled meter reads, or special meter reads.
- The 4 Hour Peak Demand Charge for the billing period is the product of; the 4 Hour Peak Demand Charge quantity multiplied by the 4 Hour Peak Demand Charge unit rate multiplied by the number of peak days in the billing period.

Appendix 6 – Multinet Gas Postcodes

Melbourne Metropolitan Area

3000*, 3004, 3006, 3008*, 3097*, 3101, 3102, 3103, 3104, 3105, 3106, 3107, 3108, 3109, 3111, 3113, 3114, 3115, 3116, 3122, 3123, 3124, 3125, 3126, 3127, 3128, 3129, 3130, 3131, 3132, 3133, 3134, 3135, 3136, 3137, 3138, 3140, 3141, 3142, 3143, 3144, 3145, 3146, 3147, 3148, 3149, 3150, 3151, 3152, 3153, 3154, 3155, 3156, 3158, 3159, 3160, 3161, 3162, 3163, 3165, 3166, 3167, 3168, 3169, 3170, 3171, 3172, 3173, 3174, 3175*, 3177, 3178, 3179, 3180, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188, 3189, 3190, 3191, 3192, 3193, 3194, 3195, 3196, 3197, 3201*, 3202, 3204, 3205, 3206, 3207, 3765, 3766, 3767, 3770*, 3781, 3782, 3783, 3785, 3786, 3787, 3788, 3789, 3791, 3792, 3793, 3795, 3796, 3802, 3804*, 3976.

* Postcode 3000 is shared with Vic Gas Distribution Pty Ltd ACN 085 899 001.

* Postcode 3008 is shared with Vic Gas Distribution Pty Ltd ACN 085 899 001.

* Postcode 3175 is shared with Vic Gas Distribution Pty Ltd ACN 085 899 001.

* Postcode 3770 is shared with Vic Gas Distribution Pty Ltd ACN 085 899 001.

* Postcode 3097 is shared with Vic Gas Distribution Pty Ltd ACN 085 899 001

* Postcode 3201 is shared with Vic Gas Distribution Pty Ltd ACN 085 899 001

• Postcode 3804 is shared with Vic Gas Distribution Pty Ltd ACN 085 899 001.

Yarra Valley Gas Extension

Incorporating additional postcodes: 3139, 3775, 3797, 3799

South Gippsland Extension

Incorporating additional postcodes: 3984, 3950, 3953, 3995, 3996, 3979.

Appendix 7 – Audited “t-2” CY 2012 Quantities

Appendix 8 – Certified 2012/13 Carbon Tax Emissions