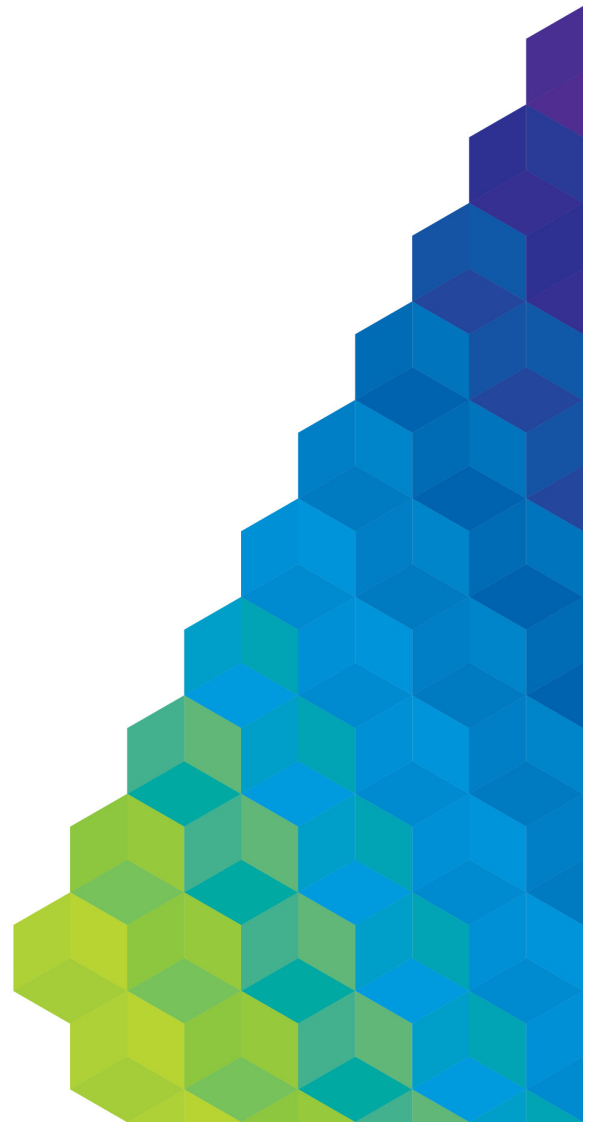


# 2016 Gas Distribution Annual Tariff Submission

1 January 2016



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## Gas Distribution Annual Tariff Proposal 2016

### Table of Contents

<b>1.0</b>	<b>Summary .....</b>	<b>4</b>
1.1	AusNet Services' Revenue Proposal.....	4
<b>2.0</b>	<b>Scope.....</b>	<b>5</b>
2.1	Central .....	5
2.2	West.....	5
2.3	Adjoining Central Zone .....	5
2.4	Adjoining West Zone.....	5
<b>3.0</b>	<b>Distribution Tariffs .....</b>	<b>6</b>
3.1	Tariff Principles.....	6
3.2	Derivation of Distribution Tariffs .....	6
<b>4.0</b>	<b>Allocation of Charges between Fixed and Variable Components .....</b>	<b>8</b>
4.1	Standing Charge – Fixed.....	8
4.2	Peak and Off Peak Energy Charge – Variable.....	8
4.3	MHQ – Variable (Maximum Hourly Quantity).....	8
4.4	Local Capacity Charge .....	8
4.5	Operations and Maintenance Charge.....	8
<b>5.0</b>	<b>Future Network Tariffs and Tariff issues .....</b>	<b>9</b>
<b>6.0</b>	<b>2016 Network Tariffs .....</b>	<b>9</b>
6.1	New Tariffs.....	9
<b>7.0</b>	<b>Impact of Network Tariffs .....</b>	<b>9</b>
<b>8.0</b>	<b>2016 Distribution Tariff Description .....</b>	<b>10</b>
8.1	Tariff V .....	10
8.2	Typical Tariff Calculation.....	10
8.3	Domestic Tariffs .....	11
8.4	Non-Domestic Tariffs .....	13
8.5	Tariff D .....	15
8.6	Tariff M.....	16
8.7	Assignment of Distribution Tariffs.....	16
8.8	Ancillary Reference Services.....	16
	<b>Attachment 1 – Distribution Use of System Tariffs .....</b>	<b>18</b>
	<b>Attachment 2 – Ancillary Reference Tariffs .....</b>	<b>21</b>
	<b>Attachment 3 - AusNet Gas Services Distribution Area.....</b>	<b>22</b>

## 1.0 Summary

### 1.1 AusNet Services' Revenue Proposal

AusNet Services operates its gas distribution system under a license issued by the Victorian Government; revenues earned by the business are regulated under the National Gas Rules. These rules may be found on the Australian Energy Market Commission's website at [www.aemc.gov.au](http://www.aemc.gov.au). In 2009 the state based regulation of gas distribution transferred to the Commonwealth and is now administered by the Australian Energy Regulator (AER) [www.aer.gov.au](http://www.aer.gov.au). The current Access Arrangement was approved by the AER on 29 April 2013 and covers the period 1 January 2013 to 31 December 2017. AusNet Services' prices for 2016 have been submitted to and approved by the AER.

Under Part B of the Access Arrangement by AusNet Gas Services Pty Ltd (**AusNet Services**) for the Distribution System, AusNet Services proposed the publication of this Annual Tariff Report. The report is published each year in order to enable distribution customers to understand the basis for the tariff policies adopted by AusNet Services and to communicate changes in tariffs.

Customers receive a bill for gas that contains the following elements:

- Gas Distribution charges
- Gas transmission charges
- Energy charges
- Retail charges

This report addresses only the distribution component of a customers' gas bill.

In 2016, the average change is 3.45% and the maximum increase on any tariff is 5.61%. The average change is made up of the following parts:

Price Variation Components	Percentage
CPI	1.50%
X – Factor	2.00%
L – Factor	0.00%
Average DUoS Change	3.54%
Carbon Levy Change	-0.08%
Average Distribution Change	3.45%

Table 1 – Average change of Price Variation Components

Source: AusNet Services – Amounts are not cumulative.

CPI: September Quarter of All Groups, Weighted Average of eight capital cities  
 X Factor: for the regulatory period 2016 applied as CPI-X  
 L Factor: Variation in licence fees

## Gas Distribution Annual Tariff Report 2016

### 2.0 Scope

The contents of this report apply from 1 January 2016 to 31 December 2016 and are applicable to customers in AusNet Services distribution area – postcodes as follows:

#### 2.1 Central<sup>1</sup>

3008<sup>2</sup>, 3011, 3012, 3013, 3015, 3016, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3055<sup>3</sup>, 3058, 3059, 3060, 3061, 3062, 3063, 3064<sup>4</sup>, 3073<sup>5</sup>, 3211, 3212, 3214, 3215, 3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3228, 3335, 3337, 3338, 3427, 3428, 3429.

#### 2.2 West

3249, 3250, 3266, 3277, 3280, 3282, 3300, 3305, 3340, 3342, 3350, 3352, 3355, 3356, 3357<sup>6</sup>, 3377, 3380, 3400, 3401, 3430, 3437<sup>7</sup>, 3444, 3450, 3451, 3460, 3461, 3464, 3465, 3550, 3551<sup>8</sup>, 3555, 3556.

#### 2.3 Adjoining Central Zone

3213, 3227, 3331.

#### 2.4 Adjoining West Zone

3241, 3260, 3284, 3357<sup>6</sup>, 3363, 3364, 3431, 3434, 3435, 3437<sup>7</sup>, 3438, 3440, 3441, 3442, 3467, 3551<sup>8</sup>.

<sup>1</sup> Postcode 3000 – Following a change to the boundary for this Postcode no AusNet assets are within this area

<sup>2</sup> Postcode 3008 is shared between the Australian Gas Networks (Vic) Pty Ltd ACN 085 899 001, Multinet Partnership ABN 53 634 214 009, and AusNet Gas Services Pty Ltd ACN 086 015 036. As at the date of this Licence the distribution supply points of AusNet Gas Services Pty Ltd ACN 086 015 036 are connected in the north side of Footscray Road, the east side of Harbour Esplanade, Docklands Drive from Footscray Road to Waterfront Way, Waterfront Way south of Docklands Drive, Doepel Way, Caravel Lane, Aquatania Way, St Mangos Lane, Rakaia Way, New Quay Promenade, Waterview Walk from Bourke Street to Collins Street, Palmyra Way, Etihad Stadium and Batmans Hill Drive.

<sup>3</sup> Postcode 3055 is shared between the Licensee and Vic Gas Distribution Pty Ltd ACN 085 899 001. The Licensee's distribution supply points are connected in Galtes Crescent, Southam Street, Morrow Street, Hopetoun Avenue, Moreland Road, Hodgins Court and Flannery Court.

<sup>4</sup> Postcode 3064 is shared between AusNet Gas Services Pty Ltd ACN 086 015 036 and Australian Gas Networks (Vic) Pty Ltd ACN 085 899 001. AusNet Gas Services assets are in Craigieburn, Roxburgh Park and Mickleham, south of the Transmission Electricity Power Line located approximately 1.5km south of Donnybrook Rd

<sup>5</sup> Postcode 3073 is shared between Vic Gas Distribution Central and AusNet Services Central to the extent that a AusNet Services Central distribution injection point is located at Phillip Street (no AusNet Services Central distribution supply points are connected in postcode 3073).

<sup>6</sup> Postcode 3357 is supplied under both West Zone and Adjoining West Zone. Adjoining West Zone rates apply to Gillies Rd, Schwarz Rd and Grays Rd Bald Hills

<sup>7</sup> Postcode 3437 is supplied under both West Zone and Adjoining West Zone. Gisborne South is West Zone and Gisborne and New Gisborne are Adjoining West Zone.

<sup>8</sup> Postcode 3551 is supplied under both West Zone and Adjoining West Zone. Different rates apply to supply points east and west of Sparrowhawk Road and north and south of the Calder Highway and all supply points west of Maiden Gully Road. Adjoining West Zone rates also apply to Huntly north of Sargeants Road.

### 3.0 Distribution Tariffs

AusNet Services levies Distribution Tariffs on customers supplied with gas within its Distribution Area as outlined in Schedule 2 of its Distribution Licence. AusNet Services has completed a program to deliver gas to 12 regional towns in Western Victoria providing up to 15,000 regional homes and businesses the option to connect to natural gas. A further program is now underway and agreement has been reached to provide a further 4 regional towns and 3,280 homes and businesses the opportunity to connect to natural gas.

Through the application of Distribution Tariffs, AusNet Services recovers:

- The costs of operating, maintaining and augmenting the distribution network; and
- A return on capital that allows the distributor to earn a rate of return determined by the Australian Energy Regulator (AER).

### 3.1 Tariff Principles

Distribution Tariffs should be set such that they accurately reflect the costs associated with the AusNet Services Distribution Network as a whole. Distribution Tariffs should also reflect the allocation of these costs between customer groups.

In developing and adjusting Distribution Tariffs, AusNet Services has regard to a number of broad principles including:

- Economic efficiency – Economic efficiency requires that prices give correct signals for the use, operation and expansion of the Distribution Network
- Cost Reflectivity – Cost reflectivity requires that Distribution Tariffs accurately reflect the cost of supplying gas to customers via the distribution system.
- Customer Equity – Customer equity requires that Distribution Tariffs are fair and provide non-discriminatory access to the network.
- Regulatory Compliance – Decisions about AusNet Services' Distribution Tariffs need to be made within the context of various regulatory/legislative instruments as well as other relevant documents.
- Simplicity and stability – Simplicity requires that Distribution Tariffs should be straightforward in application and readily understood by network users. For Distribution Tariffs to meet the stability criteria, they should remain stable and relatively predictable over time to permit customers to make informed investment decisions.
- Commercial Viability – Commercial viability, or financial sufficiency, requires Distribution Tariffs to raise adequate revenue to sustain the distribution business in the performance of its operations and obligations.

It is important to recognise that, in developing and adjusting Distribution Tariffs, trade-offs may occur between these sometimes-conflicting principles.

### 3.2 Derivation of Distribution Tariffs

In the 1998 Gas Access Arrangement, AusNet Services' initial tariff structure was developed with reference to a detailed cost allocation study.

For Tariff V, AusNet Services' Gas Distribution Tariffs are split between four pricing zones – AusNet Services Central, AusNet Services West, AusNet Services Adjoining Central and AusNet Services Adjoining West.

The 1998 cost allocation adjusted asset values between AusNet Services Central and AusNet Services West, this allocation was based on public policy objectives to avoid regional or zonal specific rate shocks. This resulted in a Tariff V structure that included a lower average tariff for the AusNet Services West pricing zone.

With the delivery of gas to regional areas two additional pricing zones have been established as adjoining zones to the Central and West regions. In May 2005 the Commission issued its Final Decision on AusNet Services' proposal to reticulate gas to a number of regional towns adjacent to the existing supply areas. In this decision the Commission approved higher usage rates to reflect the higher capital costs of the infrastructure installed and the higher costs associated with servicing these areas. The requirement to recover these higher capital and operating and maintenance costs underpins the higher rates in each of these areas.

## Gas Distribution Annual Tariff Report 2016

In 2013 Regional Development Victoria (RDV) commenced negotiations with Victoria's three gas distributors to extend supply on Natural gas to a further fourteen regional towns. In the first half of 2013 RDV and AusNet Services reached a number of agreements for the extension of the gas distribution network to Huntly, Avoca, Bannockburn and Winchelsea. Details on the timing of the delivery to these areas are set out on the RDV and AusNet Services websites. Gas network tariffs to be applied in these areas will be Adjoining West Zone rates for Huntly and Avoca and Adjoining Central Zone rates for Bannockburn and Winchelsea.

### Tariff V

Tariff V is a volume based tariff that is applied to the majority of customers connected to the AusNet Services networks. AusNet Services has a separate Tariff V for domestic customers and business customers as well as different rates for each pricing zone. Each Tariff V has a fixed charge component as well as peak and off peak rates and four usage blocks.

AusNet Services has different charge rates for domestic and business customers in recognition of the different impacts each makes on the network. Business customers use more gas throughout the year; they only use 1.4 times the annual daily average in the peak period, whereas domestic customers use a greater quantity during the peak period, 1.8 times the annual daily average. As a result domestic customers have a greater impact on peak demand and their usage drives peak capacity requirements of the network. AusNet Services has addressed this in the pricing structures by setting higher rates for domestic customers across all usage blocks during the peak period.

In both the Peak and Off Peak periods AusNet Services applies a declining block rate structure. This structure traditionally recognises that the marginal costs of delivery decline as volumes increase. However, when a network approaches full capacity and additional load requires a major augmentation of the network marginal costs will increase and inclining blocks may be more appropriate. More detail on each price component is addressed in the following section on the Allocation of charges.

### Tariff D

Tariff D is a demand based tariff and applies only to large business customers connected to the AusNet Services' network. Annual customer charges are determined by the Maximum Hourly Quantity (MHQ) of gas delivered to the customer during the calendar year. To qualify for Tariff D a customer should be using either more than 10,000 Gigajoules of gas in a 12 month period or more than 10 Gigajoules in an hour.

In addition to the tariff charges, customers on Tariff D are also required to pay an Operations and Maintenance (O&M) charge for any dedicated distribution assets, in particular the meter and regulator set installed at the connection point. Where a customer has transferred from tariff V to tariff D they may also be required to pay a Local Capacity Charge (LCC), this charge relates to the recovery of the capital costs associated with any dedicated mains or service line assets that are excluded from the tariff as these assets would normally be funded in advance by a new customer seeking a connection on tariff D. AusNet Services no longer transfers customers from tariff V to tariff D, where a tariff V customer's load exceeds the 10,000 GJ/year or 10GJ/hour limits they may be transferred to tariff M.

### Tariff M

Tariff M is a demand based tariff and applies only to large business customers connected to the AusNet Services' network. Annual customer charges are determined by the Maximum Hourly Quantity (MHQ) of gas delivered to the customer during the calendar year. To qualify for Tariff M a customer should be using either more than 10,000 Gigajoules of gas in a 12 month period or more than 10 Gigajoules in an hour.

Tariff M customers are not required to pay any additional charges for O&M or LCC as these have been embedded in the tariff. This ensures that customers that are considering transferring to a demand based tariff are able to independently assess the benefits prior to making any decision to do so. AusNet Services no longer transfers customers from tariff V to tariff D, where a tariff V customer's load exceeds the 10,000 GJ/year or 10GJ/hour limits they may be transferred to tariff M.

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**Gas Distribution Annual Tariff Report 2016**

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**4.0 Allocation of Charges between Fixed and Variable Components****4.1 Standing Charge – Fixed**

Tariff V is the only Gas Distribution Tariff with a Standing Charge. The standing charge is a fixed charge that recovers the network unavoidable customer costs. These costs are typically connection costs, meter reading, use of system billing, and collection and other fixed costs associated with the maintenance of systems that support Full Retail Contestability.

**4.2 Peak and Off Peak Energy Charge – Variable**

For Tariff V, the variable peak and off-peak energy charges recover all other non-standing charge costs associated with use of the Distribution System. Typically these costs are associated with network operations, network maintenance, attending to network outages and faults.

**4.3 MHQ – Variable (Maximum Hourly Quantity)**

This is the measure of the maximum amount of gas used during any one-hour period over the calendar year. Tariff charges are applied to the MHQ recorded for the calendar year in declining blocks. Once a customer's MHQ exceeds the first block the second block rate is applied to incremental MHQ until that is exceeded and the third block rate applied to the balance. When a customer records an MHQ that is greater than that in any prior month the excess amount is retrospectively applied to all prior months for that year.

**4.4 Local Capacity Charge**

The Local Capacity Charge (LCC) applied to Tariff D customers is an excluded service charge for providing connection assets and main extensions for a distribution supply point that a new tariff D customer is required to pay prior to connection being made. It is a customer-specific charge that applies for 10 years on a per-month basis from the date of re-assignment from Tariff V. Since 2004 customers may no longer be re-assigned to tariff D as they are now re-assigned to tariff M.

**4.5 Operations and Maintenance Charge**

The Operations and Maintenance (O&M) charge applied to Tariff D customers is an excluded service charge that recovers the cost of operating and maintaining mains extensions, services, metering and all other installation-related costs. O&M charges are levied on a per-month basis and apply to all Tariff D customers while they are connected to AusNet Services' Distribution Network.



## 5.0 Future Network Tariffs and Tariff issues

Network tariff revenue is the primary source of revenue from which AusNet Services operates, maintains and augments the network to provide for organic growth in load. As a regulated distribution business AusNet Services is required to comply with National Energy Law, Victorian state regulations and our current approved Access Arrangement. The 2013 – 2017 Access Arrangement provides for the annual adjustment of tariffs by way of a CPI – X formula that is applied to AusNet Services' tariff basket. During the current Access Arrangement period the X factor for 2014 is 6%, for 2015 X is -1%, for 2016 -2% and for 2017 -3%.

There are provisions within the Access Arrangement that allow for some tariff rebalancing to occur throughout the period, this enables AusNet Services to make any necessary adjustments to each tariff and tariff component to maintain compliance with the requirements of the Tariff Principles outlined on page 6 of this Tariff Submission. AusNet Services will continue to monitor the appropriate balance between peak and off peak rates and the appropriate profile of block rates to ensure that there is equity between customers and customer groups and that prices reflect the costs of network operations. Business customers' usage profiles indicate that these customers use peak gas at only 1.6 times the rate of off peak gas while residential customers' peak usage is 2.7 times off peak, accordingly it is AusNet Services' intent to maintain flatter rate profiles for business customers compared to residential customers in future submissions.

## 6.0 2016 Network Tariffs

In 2016, AusNet Services has four Gas Distribution Tariffs for Central and West zones, and four tariffs that apply to regional towns Adjoining Central and Adjoining West zones and two tariffs that apply throughout the distribution area.

The schedule of Distribution tariffs as approved by the AER that apply throughout AusNet Services' distribution area is set out in Attachment 1.

### 6.1 New Tariffs

No new tariffs were introduced in 2016.

## 7.0 Impact of Network Tariffs

The weighted average adjustment applied to AusNet Services gas distribution tariffs from 1 January 2016 is 3.54% per cent or 3.45% when the removal of the Carbon Levy is applied. This includes an adjustment of -0.001% that adjusted the tariffs to allow for changes to License fees imposed on gas distribution companies by the Victorian Department of Treasury and Finance.

## Gas Distribution Annual Tariff Report 2016

### 8.0 2016 Distribution Tariff Description

The following section includes a brief description of AusNet Services' Distribution Tariffs.

#### 8.1 Tariff V

The annual GJ volume limit for Tariff V is 10,000 GJ in any 12-month period. The MHQ demand limit is 10GJ consumption in any one hour. Where an existing Tariff V customer exceeds either the volume or demand limit, they may, under the current tariff structure, be eligible to transfer to Tariff M for a minimum of one year. Tariff V has four blocks based on a daily consumption range. Declining unit rates (\$/GJ) apply to each block. The first block attracts the highest \$/GJ charge and the last block attracts the lowest \$/GJ rate. The blocks are:

- 0 – 0.1
- >0.1 – 0.2
- >0.2 – 1.4
- >1.4

There are two rates applicable to each consumption block – peak and off peak – which apply as follows:

Rate	Time
Peak	1 June – 30 September
Off Peak	All other times

Table 2 – Tariff component time periods

Source: AusNet Services

The peak period attracts a higher unit rate for each block than the off-peak period. Tariff V is also split between four regions, Central, West, Adjoining Central and Adjoining West. Information regarding the geographic location according to postcode of these two areas can be found in Schedule 2 of the distribution licence issued to AusNet Services on the ESC website: <http://www.esc.vic.gov.au/>.

#### 8.2 Typical Tariff Calculation

Table 3 shows the calculation gas charges for an average customer on Tariff V – AusNet Services – Domestic for 2016.

	Rate	Energy	Cost
Fixed Charge	0.1806	366	\$66.10
Peak 0 - 0.1	8.4369	12.20 GJ	\$102.93
Peak 0.1 - 0.2	8.0319	12.20 GJ	\$97.99
Peak 0.2 - 1.4	1.4044	3.86 GJ	\$5.43
Peak > 1.4	1.1022	0.00 GJ	\$0.00
Off Peak 0 - 0.1	3.5106	17.37 GJ	\$60.99
Off Peak 0.1 - 0.2	2.9113	0.00 GJ	\$0.00
Off Peak 0.2 - 1.4	1.3358	0.00 GJ	\$0.00
Off Peak > 1.4	0.4593	0.00 GJ	\$0.00
		<b>45.64 GJ</b>	<b>\$333.43</b>

Table 3 – Gas charges for an average customer on Tariff V – AusNet Services – Domestic for 2016

Source: AusNet Services

## Gas Distribution Annual Tariff Report 2016

Table 4 shows the calculation gas charges for an average customer on Tariff V – AusNet Services – Non-Domestic for 2016.

	Rate	Energy	Cost
Fixed Charge	0.1902	366	\$69.61
Peak 0 - 0.1	2.2771	12.20 Gj	\$27.78
Peak 0.1 - 0.2	2.0364	12.20 Gj	\$24.84
Peak 0.2 - 1.4	1.9394	135.52 Gj	\$262.83
Peak > 1.4	1.4554	0.00 Gj	\$0.00
Off Peak 0 - 0.1	2.1617	24.30 Gj	\$52.53
Off Peak 0.1 - 0.2	1.5118	24.30 Gj	\$36.74
Off Peak 0.2 - 1.4	1.2493	147.11 Gj	\$183.78
Off Peak > 1.4	1.1894	0.00 Gj	\$0.00
		<b>355.63 Gj</b>	<b>\$588.50</b>

Table 4 – Gas charges for an average customer on Tariff V – AusNet Services – Non-Domestic for 2016

Source: AusNet Services

### 8.3 Domestic Tariffs

Tariff V domestic Distribution Tariffs apply to customers who use their gas supply predominantly for household use.

In 2016, AusNet Services has maintained the difference between peak and off peak rates for domestic gas customers. This reflects the fact that domestic customers tend to use higher proportions of gas during the peak winter period, thus placing a higher constraint on the gas distribution network during this time. This peak demand is the predominant driver of network augmentation expenditure.

#### AusNet Services Central – Domestic

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/Gj)	2015 (\$/Gj)	% Change
Fixed Charge per day	0.1806	0.2206	-18.13
Peak 0 - 0.1	8.4369	5.2731	60.00
Peak 0.1 - 0.2	8.0319	5.0200	60.00
Peak 0.2 - 1.4	1.4044	2.0038	-29.91
Peak > 1.4	1.1022	1.5745	-30.00
Off Peak 0 - 0.1	3.5106	5.0151	-30.00
Off Peak 0.1 - 0.2	2.9113	1.8196	60.00
Off Peak 0.2 - 1.4	1.3358	0.8349	60.00
Off Peak > 1.4	0.4593	0.6561	-30.00

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$333.43	\$301.18	10.71

## Gas Distribution Annual Tariff Report 2016

### AusNet Services Adjoining Central – Domestic

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/Gj)	2015 (\$/Gj)	% Change
Fixed Charge per day	0.1806	0.2206	-18.13
Peak 0 - 0.1	12.4369	8.2664	50.45
Peak 0.1 - 0.2	11.8446	7.8727	50.45
Peak 0.2 - 1.4	4.9449	6.9800	-29.16
Peak > 1.4	4.7092	2.9433	60.00
Off Peak 0 - 0.1	6.8548	7.8727	-12.93
Off Peak 0.1 - 0.2	5.3635	3.3522	60.00
Off Peak 0.2 - 1.4	4.7092	2.9433	60.00
Off Peak > 1.4	4.4593	2.8031	59.08

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$500.53	\$441.38	13.40

### AusNet Services West – Domestic

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/Gj)	2015 (\$/Gj)	% Change
Fixed Charge per day	0.1806	0.2206	-18.13
Peak 0 - 0.1	5.7363	3.5852	60.00
Peak 0.1 - 0.2	5.4630	3.4144	60.00
Peak 0.2 - 1.4	1.7593	2.5132	-30.00
Peak > 1.4	1.6755	2.3935	-30.00
Off Peak 0 - 0.1	2.3901	3.4144	-30.00
Off Peak 0.1 - 0.2	2.1251	1.3282	60.00
Off Peak 0.2 - 1.4	1.2728	0.7955	60.00
Off Peak > 1.4	0.2469	0.3526	-29.98

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$251.05	\$235.16	6.76

## Gas Distribution Annual Tariff Report 2016

### AusNet Services Adjoining West – Domestic

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/Gj)	2015 (\$/Gj)	% Change
Fixed Charge per day	0.1806	0.2206	-18.13
Peak 0 - 0.1	9.7363	7.9322	22.74
Peak 0.1 - 0.2	9.2726	7.5400	22.98
Peak 0.2 - 1.4	5.7593	6.8351	-15.74
Peak > 1.4	3.3652	2.1033	60.00
Off Peak 0 - 0.1	6.3901	7.5544	-15.41
Off Peak 0.1 - 0.2	6.0858	4.8283	26.04
Off Peak 0.2 - 1.4	4.6496	2.9060	60.00
Off Peak > 1.4	3.2009	2.0006	60.00

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$431.28	\$427.16	0.97

## 8.4 Non-Domestic Tariffs

Tariff V non-domestic Distribution Tariffs apply to non-domestic customers who use their gas supply for business/commercial or industrial use.

In 2016, AusNet Services has reduced the difference between peak and off peak rates for non-domestic gas customers. This reflects the fact that non-domestic customers tend to use gas relatively evenly across peak and off-peak periods.

### AusNet Services Central – Non-domestic

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/Gj)	2015 (\$/Gj)	% Change
Fixed Charge per day	0.1902	0.2275	-16.40
Peak 0 - 0.1	2.2771	3.2529	-30.00
Peak 0.1 - 0.2	2.0364	2.9091	-30.00
Peak 0.2 - 1.4	1.9394	2.7705	-30.00
Peak > 1.4	1.4554	0.9251	57.32
Off Peak 0 - 0.1	2.1617	3.0881	-30.00
Off Peak 0.1 - 0.2	1.5118	2.1597	-30.00
Off Peak 0.2 - 1.4	1.2493	1.1546	8.20
Off Peak > 1.4	1.1894	0.8810	35.01

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$658.12	\$831.28	-20.83

## Gas Distribution Annual Tariff Report 2016

### *AusNet Services Adjoining Central – Non-domestic*

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/Gj)	2015 (\$/Gj)	% Change
Fixed Charge per day	0.1902	0.2275	-16.40
Peak 0 - 0.1	6.2771	8.2529	-23.94
Peak 0.1 - 0.2	5.9759	7.8599	-23.97
Peak 0.2 - 1.4	5.6910	7.4856	-23.97
Peak > 1.4	5.4200	4.4250	22.49
Off Peak 0 - 0.1	5.9781	7.8599	-23.94
Off Peak 0.1 - 0.2	5.5118	7.1597	-23.02
Off Peak 0.2 - 1.4	5.2493	6.1546	-14.71
Off Peak > 1.4	4.9993	4.0561	23.25

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$2,041.78	\$2,564.68	-20.39

### *AusNet Services West – Non-domestic*

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/Gj)	2015 (\$/Gj)	% Change
Fixed Charge per day	0.1902	0.2275	-16.40
Peak 0 - 0.1	3.7289	2.3306	60.00
Peak 0.1 - 0.2	3.1404	1.9628	60.00
Peak 0.2 - 1.4	1.7267	1.0792	60.00
Peak > 1.4	0.6346	0.9065	-29.99
Off Peak 0 - 0.1	1.5538	2.2196	-30.00
Off Peak 0.1 - 0.2	1.3086	1.8693	-30.00
Off Peak 0.2 - 1.4	0.7076	1.0108	-30.00
Off Peak > 1.4	0.5226	0.3778	38.33

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$561.07	\$529.96	5.87

## Gas Distribution Annual Tariff Report 2016

### AusNet Services Adjoining West – Non-domestic

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/Gj)	2015 (\$/Gj)	% Change
Fixed Charge per day	0.1902	0.2275	-16.40
Peak 0 - 0.1	7.7289	7.3306	5.43
Peak 0.1 - 0.2	7.1404	6.9628	2.55
Peak 0.2 - 1.4	5.7267	6.0792	-5.80
Peak > 1.4	4.6346	4.9513	-6.40
Off Peak 0 - 0.1	5.5538	6.9815	-20.45
Off Peak 0.1 - 0.2	5.2893	6.0792	-12.99
Off Peak 0.2 - 1.4	4.7076	5.7897	-18.69
Off Peak > 1.4	4.4139	4.7154	-6.39

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$1,983.13	\$2,250.60	-11.88

## 8.5 Tariff D

For Tariff D, the MHQ charge recovers all capital and operation and maintenance costs associated with the common use assets in the Distribution System. These are the upstream costs and are in addition to those covered by LCC and dedicated use asset – O&M costs recovered directly from customers on tariff D.

Tariff D currently applies to any new (or Greenfields) customer with an expected GJ volume greater than 10,000 GJ in any 12-month period, or the MHQ limit of 10 GJ in any hour. Tariff D is also available to any customer who previously elected to be on Tariff D and has agreed to:

- purchase a meter (that complies with the appropriate metering standard) capable of recording their MHQ;
- pay a contribution to the capital cost of their connection; and
- take or pay for a minimum MHQ of 1.15 GJ (equivalent of any annual consumption of 10,074 GJ at 100% load factor).

Tariff D customers are charged per MHQ and three blocks apply. These blocks are:

- 0 – 10 MHQ (GJ/hour)
- >10 – 50 MHQ (GJ/hour)
- 50 MHQ (GJ/hour)

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/MHQ)	2015 (\$/MHQ)	% Change
0 - 10	577.7397	825.3424	-30.00
10 - 50	550.2281	786.0401	-30.00
> 50	258.5647	369.3781	-30.00

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$14,143.61	\$20,205.15	-30.00

## Gas Distribution Annual Tariff Report 2016

### 8.6 Tariff M

Tariff M was introduced in 2004. It applies to existing Tariff V customers who exceed the Tariff V consumption limits of 10,000 GJ in any 12-month period, or the MHQ limit of 10 GJ in any hour.

For Tariff M, the MHQ charge recovers an average operation and maintenance charge across all Tariff M customers for the dedicated assets, and capital and operation and maintenance costs associated with the entire Distribution System, rather than an individually calculated charge for each customer. As the charge relates to the entire network it is not necessary to make LCC or separate O&M charges. This reduces administrative costs and ensures that customers can accurately assess the cost of changing tariffs prior to reassignment occurring. The nature of the reassignment process from Tariff V to Tariff M means that customers have the opportunity to request to remain on Tariff V for a period that is monitored by AusNet Gas Services Pty Ltd to ensure that consumption requirements are not exceeded.

Tariff M customers are charged per MHQ and three blocks apply. These blocks are:

- 0 – 10 MHQ (GJ/hour)
- >10 – 50 MHQ (GJ/hour)
- 50 MHQ (GJ/hour)

The change between the 2015 and 2016 Distribution Tariffs is shown below.

Block	2016 (\$/MHQ)	2015 (\$/MHQ)	% Change
0 - 10	1,265.8202	1,277.1601	-0.89
10 - 50	1,205.5430	924.9178	30.34
> 50	250.9690	358.5271	-30.00

Change in weighted average customer charge:

2016 (\$/Customer)	2015 (\$/Customer)	% Change
\$13,483.61	\$12,769.06	5.60

### 8.7 Assignment of Distribution Tariffs

Information regarding the initial assignment and reassignment of Gas Distribution Tariffs can be found in Part B of the Access Arrangement by AusNet Services for the Distribution System, available on the AER website at <http://www.aer.gov.au/>.

### 8.8 Ancillary Reference Services

The following Ancillary Reference Services are provided in relation to Distribution Supply Points at which Gas is withdrawn by or in respect of a Residential Customer:

- a) Meter and Gas Installation Test – on-site testing to check the accuracy of a Meter and the soundness of a Gas Installation, in order to determine whether the Meter is accurately measuring the Quantity of Gas delivered.
- b) Disconnection Service – 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.
- c) Reconnection Service – Reconnection by turning on Supply, including the removal of locks or plugs used to isolate Supply or reinstallation of a Meter if it has been removed, performance of a safety check and the lighting of appliances where necessary



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## Gas Distribution Annual Tariff Report 2016

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- d) Special Meter Reading Service – meter reading for a DSP in addition to the scheduled meter readings that form part of the Haulage Reference Services.

Ancillary reference services are charged to recover labour and material costs and adjusted for inflation over the regulatory period.

**Billing:** Following completion of the work charges will be made to the requesting Financially Responsible Organisation on their monthly Distribution Invoice under charge code 010107 for a Non Off-Peak Meter and charge code 010108 for an Off Peak Meter.



## Distribution Use of System Tariffs



Date of Application – 1 January 2016

Excludes GST

### Central Zone

Postcodes: <sup>1</sup>, 3008<sup>2</sup>, 3011, 3012, 3013, 3015, 3016, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3055<sup>3</sup>, 3058, 3059, 3060, 3061, 3062, 3063, 3064<sup>4</sup>, 3073<sup>5</sup>, 3211, 3212, 3214, 3215, 3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3228, 3335, 3337, 3338, 3427, 3428, 3429.

#### Tariff V

##### Domestic (TNVDC)

Distribution Fixed Tariff Component		\$0.1806/day
Consumption Range (GJ/day)	Distribution Volume Tariff component	
	Peak Period (\$/GJ)	Off-peak Period (\$/GJ)
0-0.1	8.4369	3.5106
> 0.1 – 0.2	8.0319	2.9113
> 0.2 – 1.4	1.4044	1.3358
> 1.4	1.1022	0.4593

##### Non Domestic (TNVNC)

Distribution Fixed Tariff Component		\$0.1902/day
Consumption Range (GJ/day)	Distribution Volume Tariff component	
	Peak Period (\$/GJ)	Off-peak Period (\$/GJ)
0-0.1	2.2771	2.1617
> 0.1 – 0.2	2.0364	1.5118
> 0.2 – 1.4	1.9394	1.2493
> 1.4	1.4554	1.1894

#### ++ Tariff M (TNMC)

Annual MHQ (GJ/hr)	Distribution Demand Tariff component (\$/MHQ)
0-10	1,265.8202
> 10 – 50	1,205.5430
> 50	250.9690

#### Tariff D (D)

Annual MHQ (GJ/hr)	Distribution Demand Tariff component (\$/MHQ)
0-10	577.7397
> 10 – 50	550.2281
> 50	258.5647

### West Zone

Postcodes: 3249, 3250, 3266, 3277, 3280, 3282, 3300, 3305, 3340, 3342, 3350, 3352, 3355, 3356, 3357<sup>6</sup>, 3377, 3380, 3400, 3401, 3430, 3437<sup>7</sup>, 3444, 3450, 3451, 3460, 3461, 3464, 3465, 3550, 3551<sup>8</sup>, 3555, 3556

#### Tariff V

##### Domestic (TNVDW)

Distribution Fixed Tariff Component		\$0.1806/day
Consumption Range (GJ/day)	Distribution Volume Tariff component	
	Peak Period (\$/GJ)	Off-peak Period (\$/GJ)
0-0.1	5.7363	2.3901
> 0.1 – 0.2	5.4630	2.1251
> 0.2 – 1.4	1.7593	1.2728
> 1.4	1.6755	0.2469

##### Non Domestic (TNVNW)

Distribution Fixed Tariff Component		\$0.1902/day
Consumption Range (GJ/day)	Distribution Volume Tariff component	
	Peak Period (\$/GJ)	Off-peak Period (\$/GJ)
0-0.1	3.7289	1.5538
> 0.1 – 0.2	3.1404	1.3086
> 0.2 – 1.4	1.7267	0.7076
> 1.4	0.6346	0.5226

#### Tariff M (TNMW)

Annual MHQ (GJ/hr)	Distribution Demand Tariff component (\$/MHQ)
0-10	1,265.8202
> 10 – 50	1,205.5430
> 50	250.9690

#### Tariff D (D)

Annual MHQ (GJ/hr)	Distribution Demand Tariff component (\$/MHQ)
0-10	577.7397
> 10 – 50	550.2281
> 50	258.5647



## Distribution Use of System Tariffs



Date of Application – 1 January 2015

Excludes GST

### Adjoining Central Zone

Postcodes: 3213, 3227, 3331

#### Tariff V

##### + Domestic (TNVDAC)

Distribution Fixed Tariff Component		\$0.1806/day	
Consumption Range (GJ/day)	Distribution Volume Tariff component		
	Peak Period (\$/GJ)	Off-peak Period (\$/GJ)	
0-0.1	12.4369	6.8548	
> 0.1 – 0.2	11.8446	5.3635	
> 0.2 – 1.4	4.9449	4.7092	
> 1.4	4.7092	4.4593	

##### Non Domestic (TNVNAC)

Distribution Fixed Tariff Component		\$0.1902/day	
Consumption Range (GJ/day)	Distribution Volume Tariff component		
	Peak Period (\$/GJ)	Off-peak Period (\$/GJ)	
0-0.1	6.2771	5.9781	
> 0.1 – 0.2	5.9759	5.5118	
> 0.2 – 1.4	5.6910	5.2493	
> 1.4	5.4200	4.9993	

#### Tariff M (TNMAC)

Annual MHQ (GJ/hr)	Distribution Demand Tariff component (\$/MHQ)
0-10	1265.8202
> 10 – 50	1205.5430
> 50	250.9690

#### Tariff D (D)

Annual MHQ (GJ/hr)	Distribution Demand Tariff component (\$/MHQ)
0-10	577.7397
> 10 – 50	550.2281
> 50	258.5647

### Adjoining West Zone

Postcodes: 3260, 3284, 3357<sup>2</sup>, 3363, 3364, 3431, 3434, 3435, 3437<sup>2</sup>, 3438, 3440, 3441, 3442, 3551<sup>7</sup>

#### Tariff V

##### Domestic (TNVDAW)

Distribution Fixed Tariff Component		\$0.1806/day	
Consumption Range (GJ/day)	Distribution Volume Tariff component		
	Peak Period (\$/GJ)	Off-peak Period (\$/GJ)	
0-0.1	9.7363	6.3901	
> 0.1 – 0.2	9.2726	6.0858	
> 0.2 – 1.4	5.7593	4.6496	
> 1.4	3.3652	3.2009	

##### Non Domestic (TNVNAW)

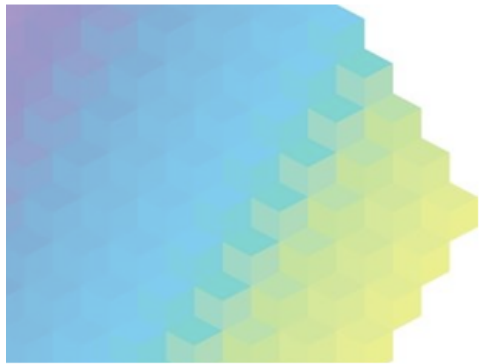
Distribution Fixed Tariff Component		\$0.1902/day	
Consumption Range (GJ/day)	Distribution Volume Tariff component		
	Peak Period (\$/GJ)	Off-peak Period (\$/GJ)	
0-0.1	7.7289	5.5538	
> 0.1 – 0.2	7.1404	5.2893	
> 0.2 – 1.4	5.7267	4.7076	
> 1.4	4.6346	4.4139	

#### Tariff M (TNMAW)

Annual MHQ (GJ/hr)	Distribution Demand Tariff component (\$/MHQ)
0-10	1265.8202
> 10 – 50	1205.5430
> 50	250.9690

#### Tariff D (D)

Annual MHQ (GJ/hr)	Distribution Demand Tariff component (\$/MHQ)
0-10	577.7397
> 10 – 50	550.2281
> 50	258.5647



## Distribution Use of System Tariffs



Date of Application – 1 January 2015

Excludes GST

### Notes

- 1 Postcode 3000 – Following a change to the boundary for this Postcode no AusNet assets are within this area.
- 2 Postcode 3008 is shared between the Australian Gas Networks (Vic) Pty Ltd ACN 085 899 001, Multinet Partnership ABN 53 634 214 009, and AusNet Gas Services Pty Ltd ACN 086 015 036. As at the date of this Licence the distribution supply points of AusNet Gas Services Pty Ltd ACN 086 015 036 are connected in the north side of Footscray Road, the east side of Harbour Esplanade, Docklands Drive from Footscray Road to Waterfront Way, Waterfront Way south of Docklands Drive, Doepel Way, Caravel Lane, Aquatania Way, St Mangos Lane, Rakaia Way, New Quay Promenade, Waterview Walk from Bourke Street to Collins Street, Palmyra Way, Etihad Stadium and Batmans Hill Drive.
- 3 Postcode 3055 is shared between the Licensee and Vic Gas Distribution Pty Ltd ACN 085 899 001. The Licensee's distribution supply points are connected in Galles Crescent, Southam Street, Morrow Street, Hopetoun Avenue, Moreland Road, Hodgins Court and Flannery Court.
- 4 Postcode 3064 is shared between AusNet Gas Services Pty Ltd ACN 086 015 036 and Australian Gas Networks (Vic) Pty Ltd ACN 085 899 001. AusNet Gas Services assets are in Craigieburn, Roxburgh Park and Mickleham, south of the Transmission Electricity Power Line located approximately 1.5km south of Donnybrook Rd.
- 5 Postcode 3073 is shared between Vic Gas Distribution Central and AusNet Services Central to the extent that a AusNet Services Central distribution injection point is located at Phillip Street (no AusNet Services Central distribution supply points are connected in postcode 3073).
- 6 Postcode 3357 is supplied under both West Zone and Adjoining West Zone. Adjoining West Zone rates apply to Gillies Rd, Schwarz Rd and Grays Rd Bald Hills.
- 7 Postcode 3437 is supplied under both West Zone and Adjoining West Zone. Gisborne South is West Zone and Gisborne and New Gisborne are Adjoining West Zone.
- 8 Postcode 3551 is supplied under both West Zone and Adjoining West Zone. Different rates apply to supply points east and west of Sparrowhawk Road and north and south of the Calder Highway and all supply points west of Maiden Gully Road. Adjoining West Zone rates also apply to Huntly north of Sargeants Road.

### Billing Parameters

Distribution tariffs are charged in accordance with the billing parameters outlined in Part A of the *Access Arrangement* by SPI Networks (Gas) Pty Ltd.

**DOMESTIC** – Domestic tariffs will be applied to premises where the predominant consumption of gas is for non-commercial or non industrial residential purposes.

**NON DOMESTIC** – Non Domestic tariffs will be applied to all premises where the predominant consumption of gas is for commercial or industrial purposes.

**TARIFF M** – A separate Operations & Maintenance (O&M) charge is not applicable to Tariff M customers.

**PEAK PERIOD** – 1 June to 30 September.

**OFF PEAK PERIOD** – All Other Times.



## Ancillary Reference Tariffs & Other Charges



Date of Application – 1 January 2016

Excludes GST

### 1. AusNet Gas Services Access Arrangement, Part B, Schedule 2

Reference	Service Description	GST Exc \$	GST Inc \$
810106NH	Meter & Gas Installation Test, accuracy within Code	168.82	185.70
810101NH	Disconnection – locks & plugs at the meter installation.	56.27	61.90
810103NH	Reconnection – following insertion of locks & plugs at the meter installation.	56.27	61.90
830101NH	Special Read – final read	8.72	9.59
830102NH	Special Read – reference read	8.72	9.59
830103NH	Special Read – account investigation	8.72	9.59
830104NH	Special Read – customer transfer	8.72	9.59
830105NH	Special Read – disconnection	8.72	9.59

### 2. AusNet Gas Services Non Reference Services charged at Recoverable Rates

Reference	Service Description	GST Exc \$	GST Inc \$
810107NH	Provision of Service Pipe (\$/m)	42.84	47.12
	Standard Hourly Labour Rate (\$/hr)	123.97	136.37
810102NH	Disconnection – meter removal		
810114NH	Disconnection – excavate & shut service tee		
810115NH	Disconnection – illegal use, excavate & shut service tee		
810103NH	Reconnection – following meter removal		
810118NH	Reconnection – following excavation & shut service tee		
820101NH	Excess Service Charge - Customer Contribution		
820112NH	Alter Meter Position (Meter Removal plus Reconnection, Single Visit)		
820103NH	Mains Extension		
820104NH	Meter Security and Protection		
820105NH	Tracing Of Fitting Lines		
820106NH	Detailed retake and test downstream of meter		
820109NH	Upgrade Service Size		
820110NH	Upgrade Meter Size		
820111NH	Remove and Consolidate Fittings		

