

Jemena Gas Networks (NSW) Ltd NSW Gas Network Schedule of reference tariffs and charges effective 1 July 2014

Jemena Gas Networks (NSW) Ltd

2014 - 2015 Reference Tariff Schedule

Schedule of reference tariffs and charges for the

NSW Gas Network effective 1 July 2014

In June 2010, the AER approved the access arrangement that will apply to the provision of network services by Jemena Gas Networks (JGN) from 1 July 2010 to 30 June 2015. In September 2011 the AER published a revised access arrangement as amended by order of the Australian Competition Tribunal (30 June 2011) and further amended with regard to mine subsidence expenditure (26 Sept 2011). The access arrangement describes the reference services that JGN offers and sets out (in Schedule 2) the initial reference tariffs that apply to those services from 1 July 2010.

Reference tariffs are subject to variation annually in accordance with Section 3 of the access arrangement (Reference Tariffs and Tariff Variation Mechanism). The reference tariffs that have been approved by the AER to apply from 1 July 2014 are set out in the revised Reference Tariff Schedule—the 2014-2015 Reference Tariff Schedule—that follows. The tariffs are expressed in 2014-15 dollars and are exclusive of GST.

The complete access arrangement is available at http://www.jemena.com.au/.

Schedule 2, Rev 1: 2014-2015 Reference Tariff Schedule

- (a) This revised Reference Tariff Schedule sets out the Reference Tariffs that have been approved by the AER to apply from 1 July 2014 for each Reference Service under JGN's Access Arrangement.
- (b) The Reference Tariffs are expressed in 2014-15 dollars and are exclusive of GST.
- (c) There may be more than one Reference Tariff for each Reference Service.
- (d) The Reference Tariffs available for a specific Reference Service depend upon the Tariff Class assigned by JGN to the Delivery Point to which the Reference Service will be provided.
- (e) In addition to setting out the Tariff Classes and the Reference Tariffs, the Reference Tariff Schedule sets out and explains the tariff components and assignment criteria used in determining the availability of different Reference Tariffs.
- (f) The Reference Tariffs in this schedule will take effect from 1 July 2014 and will apply until amended in accordance with Section 3 (Reference Tariffs and Reference Tariff variation mechanism) of the access arrangement. When the Reference Tariffs are amended, the updated Reference Tariff Schedule will be published on Jemena's website.

1.1 Assignment Criteria for a Tariff Class

- (a) The Service Provider determines the appropriate Tariff Class for a Delivery Point based on one or more of the following elements:
 - (i) customer groups;
 - (ii) tariff categories; and
 - (iii) classification by location.
- (b) The assignment criteria for each relevant element must be satisfied in order for a Delivery Point to qualify for a particular Tariff Class.

A. Tariff Customer Groups:

- (a) The relevant tariff customer group that applies to a Delivery Point to which a Haulage Reference Service is provided is determined on the basis of the characteristics of the ultimate end Customer that occupies the premises served by that Delivery Point.
- (b) The assignment criteria are as follows:
 - (i) **Demand Tariff:** A Delivery Point can be assigned a Demand Tariff where:
 - A. the natural gas delivered to that Delivery Point is used on the premises to meet the production or energy requirements of a single Business Customer who is reasonably expected to consume more than 10 TJ of natural gas a Year; and
 - B. the Service Provider has accurate and complete information to enable Load Shedding procedures to be implemented at the Delivery Point.
 - (ii) Volume Tariff: A Delivery Point can be assigned a Volume Tariff where the natural gas delivered to that Delivery Point is used on the premises to meet the production or energy requirements of a single Business Customer or Residential Customer who is reasonably expected to consume less than 10 TJ of natural gas a Year.

B. Tariff Category:

- (a) Where convenient, the Service Provider uses a tariff category to group a number of Tariff Classes together to describe a common, but not complete, sub-set of assignment criteria. For example, the assignment criteria for all Demand Tariffs that fall into the capacity category have a common "category criteria" but separate "location criteria".
- (b) The tariff categories for Demand Tariffs, and the corresponding category assignment criteria are as follows:

Abbreviation	Category	Criteria
DC	Capacity	This category is used for Delivery Points which meet the criteria for a Demand Tariff, and have not been assigned to another Demand Tariff category, such as the 'Capacity - 1st Response' or 'Throughput' categories.

Abbreviation	Category	Criteria				
DCFR	Capacity – 1st	Assignmen request.	t to this tariff category is made upon User			
	Response	This tariff category is used for Delivery Points which meet the criteria for a Demand Tariff and which satisfy (to the Service Provider's reasonable satisfaction) the following additional criteria:				
		a)	peak hourly historical demand is consistently greater than 350 GJ/hr, but no more than the MHQ;			
		b)	the User has provided the Service Provider with a documented Curtailment Plan for the Delivery Point which is acceptable to the Service Provider and contains ELMS Data required by the Service Provider, contact personnel and site procedures for reducing load in accordance with the ELMS Data, including times for various stages of load reduction;			
		c)	under the Curtailment Plan and ELMS Data held by the Service Provider, at least 40% of peak historical hourly demand is nominated for reduction in load shedding priority 1 and that reduction could be expected to be reduced within no more than 6 hours of first contact;			
			d)	the Curtailment Plan and all ELMS Data is up to date (with a minimum review period of 24 months);		
		e)	the Service Provider is able to continuously monitor hourly demand from the Delivery Station at the site, or other sampling frequency acceptable to the Service Provider; and			
		f)	in any load shedding procedure initiated by the Service Provider in the past two years which involved the Delivery Point, the level of hourly demand at the Delivery Point was no more than the hourly demand anticipated after each stage of reduction as set out in the Curtailment Plan.			
DT	Throughput	Assignment to this tariff category is made upon User request.				
		This tariff category is used for Delivery Points which meet the criteria for a Demand Tariff.				

Abbreviation	Category	Criteria	
DMT	Major End Customer	Assignmer request.	at to this tariff category is made upon User
	Throughput	meet the c	category is used for Delivery Points which riteria for a Demand Tariff and which also following additional criteria:
		a)	the average daily consumption in any 12 month period multiplied by 1.33 is greater than 10 times the contractual MHQ ¹ for the Delivery Point for the same period; and
		b)	the Delivery Point is located in location identifiers 1, 2, 3, 4 or 5.

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¹ If the contractual MHQ has changed in a period then the lowest contractual MHQ is used.

Abbreviation	Category	Criteria	
DMTFR	Major End Customer	Assignmer request.	nt to this tariff category is made upon User
	Throughput – First Response	meet the control	category is used for Delivery Points which criteria for a Major End Customer at Tariff and which satisfy (to the Service reasonable satisfaction) the following criteria:
		a)	peak hourly historical demand is consistently greater than 350 GJ/hr, but no more than the MHQ;
		b)	the User has provided the Service Provider with a documented Curtailment Plan for the Delivery Point which is acceptable to the Service Provider and contains ELMS Data required by the Service Provider, contact personnel and site procedures for reducing load in accordance with the ELMS Data, including times for various stages of load reduction;
		c)	under the Curtailment Plan and ELMS Data held by the Service Provider, at least 40% of peak historical hourly demand is nominated for reduction in load shedding priority 1 and that reduction could be expected to be reduced within no more than 6 hours of first contact;
		d)	the Curtailment Plan and all ELMS Data is up to date (with a minimum review period of 24 months);
			the Service Provider is able to continuously monitor hourly demand from the Delivery Station at the site, or other sampling frequency acceptable to the Service Provider; and
		f)	in any load shedding procedure initiated by the Service Provider in the past two years which involved the Delivery Point, the level of hourly demand at the Delivery Point was no more than the hourly demand anticipated after each stage of reduction as set out in the Curtailment Plan.

(c) Where a Delivery Point is eligible for more than one tariff category, the User or Prospective User can nominate the discretionary element of the tariff category in accordance with Section 3 (Reference Tariffs and Reference Tariff variation mechanism). For example, a User or Prospective User may request to be placed in the 'Capacity - 1st Response' or 'Throughput' category. The Service Provider may refuse a

- nomination by a User or Prospective User if it does not consider the Delivery Point to be eligible.
- (d) The Service Provider does not presently use tariff categories for Volume Tariff Customers. However, the Service Provider may introduce one or more categories to accommodate changes to Tariff Classes which occur during the Access Arrangement period in accordance with Section 3 (Reference Tariffs and Reference Tariff variation mechanism).

C. Classification by Location

Where assignment criteria for a Tariff Class depends upon the location of the Delivery Point, the following location criteria will be used.

Location Identifier	Applies to Delivery Points located in:		
0 or omitted	All areas in the Network		
Coastal	The Wilton Network Section (used for Volume Tariff 11 for Demand Tariff location criteria in the Wilton N		
Country	Network Sections other than the Wilton Network Sec	ction	
1	2164, 2171, 2571, 2761, 2762, 2766, 2768, Appin	Location identifiers refer	
2	2141, 2142, 2143, 2144, 2145, 2147, 2148, 2161, 2162, 2163, 2165, 2166, 2170, 2565, 2750, 2759, 2760, 2770	to the first 4 numbers of the Service Provider Demand Customer Delivery Point Delivery	
3	2006, 2007, 2015, 2017, 2019, 2020, 2033, 2036, 2040, 2044, 2046, 2050, 2112, 2113, 2115, 2116, 2128, 2135, 2136, 2137, 2138, 2140, 2146, 2151, 2152, 2153, 2157, 2173, 2190, 2199, 2200, 2204, 2205, 2211, 2212, 2214, 2216, 2217, 2560 ³ , 2566, 2747, 2755, 2756, 2765	Station identifier of existing Delivery Points. ²	
4	2000, 2008, 2009, 2010, 2011, 2018, 2022, 2031, 2032, 2034, 2035, 2037, 2039, 2064, 2065, 2066, 2067, 2111, 2120, 2122, 2154, 2196, 2208, 2220, 2228, 2229, 2231, 2232, 2777		
5	2028, 2060, 2076, 2077, 2080, 2085, 2095, 2099, 2100, 2102, 2103, 2780		
6	2250, 2284, 2285, 2286, 2304, 2308, 2322		

² JGN shall assign new Delivery Points to location classifications on the basis of 1997 Australia Post postcode boundaries, and where new postcodes must be added to the table, JGN will allocate a locational identifier to new postcode, which is comparable with the existing postcodes.

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³ Excludes Appin - see location classification 1

Location Identifier	Applies to Delivery Points located in:					
7	2256, 2259, 2260, 2261, 2262, 2263, 2264, 2294, 2295, 2298, 2303, 2305, 2320, 2323, 2326, 2327					
8	2290, 2300, 2314, 2321, 2324, 2325, 2330					
9	2505-BHP					
10	2500, 2502, 2505, 2526, 2530					
11	2516, 2527					

D. How to read the Tariff Class Codes

Each Tariff Class is allocated a code which is structured using the following format:

[G][CAT]-[Location]

where: [G] is a single character defining the Customer Group (V for Volume or D for Demand). Customer Groups are described in Section A above.

[CAT] is a category name or abbreviation. If omitted then the Tariff Class is not described by reference to a tariff category. The tariff categories are described in Section B above.

[Location] is the location identifier. If equal to 0, or omitted, then the Tariff Class is not described by reference to a specific part of the Network. Classification by location is described in Section C above.

E. Tariff Class Components for the Haulage Reference Service

- (a) A User must pay the Service Provider all charges applicable to the Reference Service provided based on the relevant Tariff Class.
- (b) The table below sets out the tariff components applicable to the Haulage Reference Service.
- (c) In addition, other charges are payable in accordance with the Service Agreement, including but not limited to charge per Delivery Point for Meter Data Service charges (set out in Section G below).

Demand Capacity Rate (cl F(a)) Provision of Basic Metering Equipment Charge (cl F(g)) Haulage Reference Service Ancillary Fees (cl F(j)) Clean Energy Act (distribution component) Charge for Demand Customers (cl F(k)) Demand Capacity Rate comprised of: Capacity Distance Rate (cl F(b)), and		
Clean Energy Act (distribution component) Charge for Demand Customers (cl F(k)) Demand Capacity Rate comprised of:		
for Demand Customers (cl F(k)) Demand Capacity Rate comprised of:		
Capacity Distance Rate (cl F(b)), and		
Pressure Reduction Rate (cl F(c))		
Provision of Basic Metering Equipment Charge (cl F(g))		
Haulage Reference Service Ancillary Fees (cl. F(j))		
Clean Energy Act (distribution component) Charge for Demand Customers (cl F(k))		
Demand Throughput Rate (cl F(f)) Provision of Basic Metering Equipment Charge (cl F(g))		
Haulage Reference Service Ancillary Fees (cl. F(j))		
Clean Energy Act (distribution component) Charge for Demand Customers (cl F(k))		
Discounted Demand Capacity Rate (cl F(d)) Provision of Basic Metering Equipment Charge (cl F(g))		
Haulage Reference Service Ancillary Fees (cl. 1.2F(j))		
Clean Energy Act (distribution component) Charge for Demand Customers (cl F(k))		
Fixed Charge (cl F(i)) Demand Throughput Rate (cl F(f)) Provision of Basic Metering Equipment Charge (cl F(g))		

Customer Type/Category	Tariff Class	Haulage Reference Service Reference Tariff Components
Demand Major End Customer Throughput - 1st response	DMTFR-01 To DMTFR-05	Discounted Fixed Charge (cl F(e)) Discounted Demand Throughput Rate (cl F(e)) Provision of Basic Metering Equipment Charge (cl F(g)) Haulage Reference Service Ancillary Fees (cl. F(j)) Clean Energy Act (distribution component) Charge for Demand Customers (cl F(k))
Volume -Coastal	V-Coastal	Volume Throughput Rate (cl F(h)) Fixed Charge (cl F(i)) Provision of Basic Metering Equipment Charge (cl F(g)) Haulage Reference Service Ancillary Fees (cl. F(j))
Volume -Country	V-Country	Volume Throughput Rate (cl F(h)) Fixed Charge (cl F(i)) Provision of Basic Metering Equipment Charge (cl F(g)) Haulage Reference Service Ancillary Fees (cl. F(j))

1.2 Reference Tariffs

F. Haulage Reference Service

(a) Demand Capacity Rate

Customer Type	Tariff Class	Unit Rate – dollars per GJ of Chargeable Demand per annum (\$/GJ.CD.pa) Period ending 30 June 2015 Prices are 2014-2015 GST exclusive dollars						
		First 200 GJ of CD						
Demand	DC-1	278.184	131.206	100.134	88.316	88.256		
	DC-2	309.026	144.636	109.074	92.458	20.104		
	DC-3	409.596	196.128	142.254	119.784	109.526		
	DC-4	675.814	310.666	219.766	182.490	165.836		

Customer Type	Tariff Class	Unit Rate – dollars per GJ of Chargeable Demand per annum (\$/GJ.CD.pa) Period ending 30 June 2015							
		First 200 GJ of CD							
	DC-5	3305.604	1995.856	1346.166	1022.738	691.489			
	DC-6	140.922	71.472	61.514	61.494	61.266			
	DC-7	452.468	211.346	153.560	134.118	114.516			
	DC-8	852.368	446.804	311.170	244.562	188.414			
	DC-9	61.460	47.710	47.552	47.976	55.082			
	DC-10	219.896	105.842	83.220	73.060	81.734			
	DC-11	2602.588	1574.044	1064.958	811.828	553.190			
	DC- Country	Demand Capacity Rate for DC-Country is comprised of two components of demand charge, (i) the Capacity Distance Rate and (ii) the Pressure Reduction Rate. See tables Capacity Distance Rate (cl F(b)), and Pressure Reduction Rate (cl F(c)) below. These charges will be calculated for each Delivery Point and expressed as a single rate \$/GJ.CD.pa for billing purposes.							

(b) DC-Country Demand Capacity Rate, Component 1 – Capacity Distance Rate

Customer Type	Tariff Class	Distance Unit Rate – dollars per GJ of Chargeable Demand per annum per km (\$/(GJ.CD).pa per km) Period ending 30 June 2015				
		Prices are 2014-2015 GST exclusive dollars				
		First 200				
Demand	DC- Country	59.841	26.046	17.363	13.813	10.492

Rates apply per km of the straight line distance from the relevant country Receipt Point rounded up to the nearest 0.5 km as determined by the Service Provider

(c) DC Country Demand Capacity Rate, Component 2 – Pressure Reduction Rate

Customer Type	Tariff Class	Pressure Reduction Unit Rate – dollars per GJ of Chargeable Demand per annum (\$/(GJ.CD).pa) Period ending 30 June 2015 Prices are 2014-2015 GST exclusive dollars				
		First 200 Next 400 Next Next Rest of CD Of CD Of CD Of CD Of CD Next Next CD Next Next CD Next Next				
Demand	DC- Country	21.239	9.242	6.163	4.901	3.722

(d) Demand Capacity Rates for Discounted DCFR Tariffs

Customer Type	Tariff Class	Demand Capacity Unit Rate – dollars per GJ of Chargeable Demand per annum (\$/GJ.CD.pa) Period ending 30 June 2015
Demand	DCFR-1 to DCFR-11	Demand Capacity Rate for the same location less 50%. For example: the Demand Capacity Rate for DCFR-4 is 50% of the Demand Capacity Rate set out in clause-F(a) for DC-4.

(e) Fixed Charges and Demand Throughput Rates for Discounted DMTFR Tariff

Customer Type	Tariff Class	Fixed Charge - dollars per annum Period ending 30 June 2015	Demand Throughput Unit Rates – (\$/GJ) Period ending 30 June 2015
Demand	DMTFR-1 to DMTFR-5	Fixed charge set out in clause F(i) for the DMT tariff for the same location less 50%.	Demand Throughput Rates set out in clause F(f) for the DMT tariff for the same location less 50%

(f) Demand Throughput Rate

Customer Type	Tariff Class	Demand Throughput Rate (\$/GJ) Period ending 30 June 2015				
		Minimum cha	argeable quantity of 833 G	J/month		
		Prices are 2	014-2015 GST exclusive	dollars		
		First 1667 GJ per month	Next 2500 GJ per month	Rest		
Demand	DT	4.87	3.94	3.50		
Customer Type	Tariff Class	Demand Throughput Rate (\$/GJ) Period ending 30 June 2015				
		Prices are 2	Prices are 2014-2015 GST exclusive dollars			
		First 41,667 GJ per month	Next 41,667 GJ per month	Rest		
Demand	DMT-1	0	0.214	0.194		
	DMT-2	0	0.214	0.196		
	DMT-3	0	0.372	0.318		
	DMT-4	0	0.824	0.770		
	DMT-5	0	1.012	1.096		

(g) Provision of Basic Metering Equipment Charges

Customer Type	Tariff Class	Standing Charge : \$/pa per Delivery Station Charges based on Delivery Point MHQ Period ending 30 June 2015 Prices are 2014-2015 GST exclusive dollars					
			MHQ <10 GJ/hr	MHQ 10 to < 50 GJ/hr	MHQ 50 to < 100 GJ/hr	MHQ 100 to <1000 GJ/hr	MHQ 1000 GJ/hr and greater
Demand	All Demand Classes	Single Run	5431	7331	14250	19248	25345
		Double Run	10862	14662	28500	38496	50690

Customer Type	Tariff Class	Charge per Delivery Station Charges based on meter capacity. Period ending 30 June 2015 Prices are 2014-2015 GST exclusive dollars		
Volume	V-Coastal &	For meters with capacity less than or equal to 6m3/hr	Fixed Charge \$13.900 pa	
	V-Country	For meters with a capacity of greater than 6m3/hr	Unit rate \$0.504/GJ, subject to a minimum charge per billing period of: \$6.30 per monthly billing period, or \$18.90 per quarterly billing period.	

(h) Volume Throughput Rate

Customer Type	Tariff Class	Volume Throughput Rate (\$/GJ) Period ending 30 June 2015					
			Prices are	2014-2015 (GST exclus	sive dollars	
	Block size (GJ per month)	First 1.25 GJ	Next 1.5 GJ	Next 5.75 GJ	Next 75 GJ	Next 333.5 GJ	All additional
	Block size (GJ per qtr)	First 3.75 GJ	Next 4.5 GJ	Next 17.25 GJ	Next 225 GJ	Next 1000.5 GJ	
Volume	V-Coastal	24.141	9.420	9.056	8.862	7.722	4.218
	V-Country	23.683	9.110	8.749	8.551	7.414	4.000

Note all Volume Throughput rates include \$0.110/GJ for Clean Energy Act (distribution component) Charges

(i) Fixed Charge

Customer Type	Tariff Class	Standing Charge – dollars per annum Period ending 30 June 2015 Prices are 2014-2015 GST exclusive dollars
Volume	V-Coastal & V-Country	30.970

Customer Type	Tariff Class	Standing Charge – dollars per annum Period ending 30 June 2015		
		Prices are 2014-2015 GST exclusive dollars		
Demand	DMT-1	220 311.82		
	DMT-2	243 315.34		
	DMT-3	296 229.28		
	DMT-4	548 669.08		
	DMT-5	1 028 754.46		

(j) Haulage Reference Service Ancillary Fees

Haulage	Haulage Reference Service Ancillary Fees Applicable to All Tariff Classes					
	Period Ending 30 June 2015					
	Prices are in 2014-2015 GST exclusive dollars					
Fee Type	Description	Charge				
Request for service	For time spent assessing requirements, collating information and responding to a User (or Prospective User) when the User (or Prospective User) requests a new/additional/changed Service, tariff assignment, authorisation of overruns or change in chargeable demand.	\$99.00, plus \$99.00 per hour after the first hour				
Temporary disconnection	This charge covers the temporary disconnection of supply to a single Delivery Point at the request of a User where temporary isolation of supply is required. A request for temporary disconnection is not a request to remove a delivery point from the User's Service Agreement. The specific method of isolation will be at the discretion of the Service Provider to ensure the site is able to be left in a safe state. The charge also covers the cost of subsequent reconnection. (This charge is for providing disconnection services in accordance with the Network Code in force at the date of commencement of this Access Arrangement.)	\$146.86 Charge applies per meter set				

Haulage I	Haulage Reference Service Ancillary Fees Applicable to All Tariff Classes						
	Period Ending 30 June 2015						
	Prices are in 2014-2015 GST exclusive dollars						
Fee Type	Description	Charge					
Permanent disconnection	This charge covers disconnection of supply to a single delivery point at the request of a User and where the User (on behalf of a Customer) also requests that the meter is not to be moved or removed. A request for permanent disconnection is also a request to remove a delivery point from the Users Service Agreement. The specific method of disconnection will be at the discretion of the Service Provider to ensure the site is able to be left in a safe state. A request for reconnection must be made as a new connection request.	\$438.88 Charge applies per meter set					
	(This charge is for providing disconnection services in accordance with the Network Code in force at the date of commencement of this Access Arrangement.)						
Decommissioning and meter removal	This charge covers permanent decommissioning of a network connection including the removal of the meter. A request to permanently decommission is also a request to remove a delivery point from the Users Service Agreement. The specific method of disconnection will be at the discretion of the Service Provider to ensure the site is able to be left in a safe state. (This charge is for providing disconnection services in accordance with the Network Code in force at the date of commencement of this Access Arrangement.)	Charges apply per meter. i. meters with a capacity of less than or equal to 6m³/hr: \$1 022.08 i. meters with a capacity of greater than 6m³/hr: \$2 188.00					

(k) Clean Energy Act (distribution component) Charge for Demand customers

Customer Type	Tariff Class	Clean Energy Act (distribution component) Charge – (\$/ GJ) Period ending 30 June 2015	
		Prices are 2014-2015 GST exclusive dollars	
Demand	All Demand Tariff Classes	0.110	

This charge does not apply to Demand Customer Delivery Points connected to the network from assets operating at more than 1050 kPa as determined by JGN.

G. Meter Data Service

(a) Meter Reading Charges

Customer Type	Tariff Class	Meter Reading Cycle	Meter Reading Charge- \$ per annum per Delivery Station
			Prices are in 2014-2015 GST exclusive dollars
			Period ending 30 June 2015
Volume	All Volume Tariff Classes	Quarterly	4.629
		Monthly	48.930
Demand	All Demand Tariff Classes	Daily Meter Reading	860

(b) Provision of On Site Data and Communications Equipment Charge

Customer Type	Tariff Class	Provision of On Site Data and Communications Equipment - \$ per annum per Delivery Station Prices are on 2014-2015 GST exclusive dollars
		Period ending 30 June 2015
Demand	All Demand Tariff Classes	1 603

(c) Meter Data Service Ancillary Fees

Meter Data Service Ancillary Fees Applicable to All Tariff Classes Prices are in 2014-2015 GST exclusive dollars			
Special meter read (Charges applies per meter read)	For reads requested by a User rather than ordinary reads (for instance when the meter reader makes a special visit to read a particular meter out of the usual meter reading route or schedule). This service must be scheduled with a minimum 5 day notice period.		
	Period ending 30 June 2015		
	40.00		