

ActewAGL Distribution
Statement of Tariffs and Tariff Classes
2009/10


June 2009



ActewAGL

ActewAGL

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Overview

- ActewAGL Distribution offers customers a range of network tariff options across three tariff classes – residential, commercial low voltage and high voltage. Customers are able to choose the tariff which best suits their needs, subject to some eligibility requirements as set out in this proposal.
- The residential solar generation tariff has been changed to the renewable generation tariff (encompassing wind generation as well as solar) and defined to accommodate customers participating in the new ACT feed-in tariff scheme.
- As noted by the Australian Energy Regulator (AER) in the *Australian Capital Territory Distribution Determination 2009/10 to 2013/14: Final Decision*, over the course of the regulatory control period ActewAGL Distribution will significantly increase investment on its network. This will result in higher network prices for electricity consumers in the ACT. The AER also noted that increases in network charges are being driven by the introduction of the ACT feed-in tariff scheme.
- Significant increases in charges for transmission services are influencing ActewAGL Distribution's proposed 2009/10 network tariffs.
- ActewAGL Distribution's proposed network tariffs (comprising distribution use of system (DUOS) and transmission use of system (TUOS) charges) for 2009/10 are on average 1 c/kWh (including GST), or 20 per cent, higher than the average for 2008/09.
- Charges for miscellaneous services for 2009/10 are around 5 per cent higher than the 2008/09 charges.
- A new service has been added for installation of meters for customers participating in the ACT feed-in tariff scheme. The *Electricity Feed-in (Renewable Energy Premium) Act 2008* includes a requirement for the distributor to pass on to the occupier of the premises with a compliant renewable energy generator "any additional metering costs". ActewAGL Distribution's charge for the new service is the same as the charge for the existing service of installation of an interval meter at a customer's request.
- Charges for most metering services are 25 per cent higher in 2009/10 than in 2008/09.
- ActewAGL Distribution estimates that the 2009/10 network tariffs and metering charges will result in a \$1.76 per week increase (including GST) in the average residential electricity bill¹ and an \$8.71 per week increase (including GST) for the average commercial customer².

¹ For a customer on the residential standard network charge consuming 7000 kWh per annum.

² For a customer on the general network charge consuming 30 MWh per annum.

1. Introduction

1.1 Purpose and scope of this statement of tariffs and tariff classes

ActewAGL Distribution has prepared this statement of tariffs and tariff classes in accordance with the requirements in Chapter 11 of the *National Electricity Amendment Rules* (the transitional *Rules*). The transitional *Rules* (clause 6.18.9) require ActewAGL to maintain on its website:

- a statement of ActewAGL's *tariff classes*³ and tariffs that are applicable to each class
- for each tariff within a tariff class, the *charging parameters*⁴ and the elements of service to which they relate ; and
- a statement of expected price trends, giving an indication of how ActewAGL expects prices to change over the period to June 2014, and the reasons for those expected changes.

This statement of tariffs and tariff classes provides the required information on the tariffs and charges to apply to ActewAGL Distribution's regulated distribution services from 1 July 2009 to 30 June 2010.

1.2 Background

The Australian Energy Regulator (AER) is responsible for the economic regulation of distribution services provided by ActewAGL Distribution. The transitional *Rules* for the 2009-14 regulatory period require the AER to determine the maximum allowed average revenue (MAAR) for ActewAGL Distribution's standard control services and a revenue cap for alternative control (metering) services. The principles and requirements for translating the revenue requirements into schedules of prices are provided in Part I of the transitional *Rules*.

Following a detailed review process, commencing with ActewAGL Distribution's submission of its regulatory proposal in June 2008, the AER released the *Australian Capital Territory Distribution Determination 2009/10 to 2013/14: Final Decision* (the final decision) on 30 April 2009. The AER summarises the outcomes from the regulatory review as follows:

Over the course of the next regulatory control period, ActewAGL will significantly increase investment on its network, which will result in higher prices for electricity consumers in the ACT. Higher prices will be largely driven by significant investment in four major capital projects. These projects include construction of two new zone substations, which are the first to be built in the ACT since 1994, augmentation of a third substation and construction of new assets to improve the security of

³ A *tariff class* is defined in chapter 10 of the *National Electricity Rules* as "a class of customers for one or more direct control services who are subject to a particular tariff or particular tariffs".

⁴ Charging parameters are defined as "the constituent elements of a tariff" in chapter 10 of the *National Electricity Rules*.

electricity supply to the ACT. In addition, ActewAGL has already undertaken significant capital works to reinforce and replace a large number of unsafe poles, and these costs will now flow through to consumers. While consumers within the ACT will face higher charges as a result of this investment, they will also benefit from a more reliable and secure network.⁵

The AER goes on to note that, in addition to higher capital investment, increases in network charges are also being driven by the introduction of the feed-in tariff scheme, which imposes a cost on ActewAGL Distribution.⁶

In response to the AER's Final Decision, ActewAGL Distribution submitted a pricing proposal to the AER in May 2009⁷. The AER advised ActewAGL Distribution on 1 June 2009 that its pricing proposal was approved. The Independent Competition and Regulatory Commission approved the required variation to ActewAGL Distribution's standard customer contract on 11 June 2009.

1.3 Structure of the statement of tariffs and tariff classes

ActewAGL Distribution's tariff structure is set out in chapter 2. The chapter includes details on the components and rationale for each of the tariffs.

ActewAGL Distribution's network tariffs and charges for 2009/10 are presented in chapter 3. The chapter includes discussion of the proposed changes relative to 2008/09.

ActewAGL Distribution's charges for miscellaneous services for 2009/10 are presented in chapter 4. The chapter includes discussion of the proposed changes relative to 2008/09.

The structure and basis of ActewAGL Distribution's charges for metering services, the proposed charges for 2009/10 and the changes relative to 2008/09 are presented and explained in chapter 4.

The expected pricing trends over the regulatory control period (to June 2014) are provided in chapter 5.

⁵ AER 2009, *Australian Capital Territory Distribution Determination 2009/10 to 2013/14: Final Decision*, April, p. viii

⁶ AER 2009, *Australian Capital Territory Distribution Determination 2009/10 to 2013/14: Final Decision*, April, p. viii

⁷ <http://www.aer.gov.au/content/index.phtml/itemId/728427>

2. The structure of ActewAGL Distribution's network tariffs

2.1 Network tariff structure

ActewAGL Distribution offers network tariffs in three *tariff classes*:

- Residential;
- Commercial low voltage (LV); and,
- High voltage (HV).

Within these three tariff classes, ActewAGL Distribution has developed a suite of network tariffs that effectively meet the diverse needs of its customer base, encourage efficient use of the network and signal the costs of future network expansion. Residential customers are offered a choice of four network tariff options plus two controlled load off-peak options and an embedded renewable generation tariff option. Commercial LV customers are offered four main tariff options. Commercial customers on the general network charge also have access to the controlled load off-peak tariff options and the embedded renewable generation tariff option on a similar basis to customers in the residential class. Commercial HV customers are offered four tariff options. Customers are able to choose the option which best suits their needs, subject to some eligibility criteria as set out in Tables 2.1 to 2.3 below.

The network tariffs comprise different combinations of the following *charging parameters*:

- Network access charges – apply per customer for residential consumers and per connection point for commercial customers. They involve a fixed daily charge and do not vary with electricity consumption or capacity;
- Energy charges – apply to each unit of electricity consumed. The c/kWh rate may vary with the level of consumption (with higher rates applying above certain thresholds) and the time of use (with lower rates applying at off-peak periods);
- Maximum demand charges – apply per connection point, for some commercial tariffs. They involve a charge per unit of maximum demand (in c/kVA/day). The maximum demand is derived from the highest demand calculated over a 30-minute interval during the billing period.
- Capacity charges – apply on the same basis as the maximum demand charges and apply to the maximum demand recorded over the previous 12 months.

The tariffs and charging parameters for each tariff class are shown in the following Tables (2.1 to 2.3). The tables also include an explanation of the purpose of each tariff and the customers to which each tariff may apply.

2.1.1 Network tariffs for residential customers

ActewAGL Distribution’s residential network tariff structure is shown in Table 2-1. The residential time-of-use (TOU), residential 5000 and residential with heat pump tariffs are refinements of the residential standard tariff to reflect customer load profiles. The residential TOU tariff provides an opportunity and incentive for customers with the necessary metering capability to respond to price signals at different times of the day. The residential 5000 and residential with heat pump tariffs involve a higher connection charge and an inclining block structure with initially lower energy charges, and higher energy charges (per kWh) applying above certain thresholds. These tariffs more accurately tailor costs to the load profile of these customers. The off-peak tariff options can be used in conjunction with the residential standard tariff.

Table 2-1 Network tariff structure - residential

Tariff	Charging parameters	Explanation
Residential standard network	Network access charge (c/day/customer) Energy charge (c/kWh)	The residential standard network tariff is available to installations at private dwellings, excluding serviced apartments, but including: <ul style="list-style-type: none"> • Living quarters for members and staff of religious orders; • Living quarters on farms; • Charitable homes; • Retirement villages; • Residential sections of nursing homes and hospitals; • Churches, buildings or premises which are primarily used for public worship; and • Approved caravan sites. <p>The energy charge does not vary with the level of consumption and the time of day. However, customers on this tariff are eligible for the off-peak tariff.</p>
Residential time-of-use (TOU) network ⁸	Network access charge (c/day/customer) Energy at max times, ie 7am to 9am and 5pm to 8pm every day (c/kWh) Energy at mid times, ie 9am to 5pm and 8pm to 10pm every day (c/kWh) Energy at economy times, ie all other times (c/kWh) Energy at controlled economy times, as listed for off-peak tariffs below (c/kWh)	This tariff is available to residential customers (as defined above) with a meter able to be read as a time-of-use meter. The energy charges relate to the supply of network services at various times. Higher rates apply at max or peak times to encourage users to shift their load to off-peak periods.
Residential 5000 network	Network access charge (c/day/customer) Energy for the first 60 kWh/day (c/kWh) Energy above 60 kWh/day (c/kWh)	This tariff is designed for customers who have continuous loads, such as electric hot water systems, and consume over 5,000 kWh per annum. The energy charges relate to the supply of network services above and below certain volume thresholds. An inclining block structure applies (ie higher energy rates for the second block of

⁸ All times for metering are Eastern Standard Time.

		energy). The lower energy rate is limited to consumption up to 60 kWh per day.
Residential with heat pump	Network access charge (c/day/customer) Energy for the first 165 kWh/day (c/kWh) Energy above 165 kWh (c/kWh)	This tariff is available only to customers with a reverse cycle air conditioner. An inclining block structure applies (ie higher energy rates for the second block of energy).
Off-peak (1/2) night network (obsolete)	Energy at controlled times, ie between 10 pm and 7 am (c/kWh)	Off-peak charges are available only to customers utilising a controlled load element, and taking all other energy at residential standard network or general network rates. These charges are not available where the customer's meter is read as an interval meter. The off-peak charges are applicable to permanent heat (or cold) storage installations, of a design and rating acceptable to ActewAGL, which absorb their major energy during restricted times, but which may be boosted at the principal charge at other times. This tariff is available only to existing installations receiving this service. The energy charge relates to supply of network services at controlled times, for 6 to 8 hours per day between the hours of 10 pm and 7 am.
Off-peak (3) day and night network	Energy at controlled times, ie between 10 pm and 7 am and 9 am and 5 pm (c/kWh)	As above, but available to new installations and with controlled times as follows. The off-peak (3) energy rate applies to power supplied for up to 13 hours per day between 10 pm and 7 am and again between 9 am and 5 pm.
Renewable generation	Energy charges (c/kWh)	This tariff applies to customers with grid connected solar or wind energy generation systems. It relates only to the energy that the consumer produces then consumes. Different arrangements apply depending on whether the customer is participating in the ACT feed-in tariff scheme.

The only change in the residential network tariff structure from 2008/09 is that the previous “solar generation tariff” has been changed to the “renewable generation tariff”, encompassing wind as well as solar generation.⁹ The new arrangements are as follows.

If a customer has a grid-connected renewable energy generator and the customer is not receiving the ACT feed-in tariff¹⁰, the following arrangements apply:

- The customer will pay the published network charge for the net amount of energy imported from ActewAGL Distribution's network.
- In the event that the customer is a net exporter of energy over a billing period, then ActewAGL Distribution will not charge the customer for the energy exported.
- The customer will continue to pay the network access charge.
- This arrangement is available only to customers with less than 30 kilowatts installed capacity of renewable generation.

⁹ These changes have been designed to integrate with the *Electricity Feed-in (Renewable Energy Premium) Act 2008* (Feed-in tariff Act)

¹⁰ As established by the *Feed-in tariff Act*

In all other circumstances where a customer has a grid-connected renewable energy generator with an installed capacity of less than 30 kilowatts, including where the customer is receiving the ACT feed-in tariff, the following arrangements apply:

- The customer will pay the published network charge for the gross amount of energy imported from ActewAGL Distribution's network.
- ActewAGL Distribution will not charge the customer for the use of the network for the energy exported.
- The customer will continue to pay the network access charge.

2.1.2 Network tariffs for low voltage commercial customers

ActewAGL Distribution's commercial low voltage network tariff structure is shown in Table 2-2. ActewAGL Distribution sets different tariffs for low voltage commercial and high voltage commercial customers recognising the different costs associated with supplying each group. Within the commercial LV tariff class, a range of tariff options has been developed to meet the diverse needs of commercial customers and to accommodate their differing load profiles and ability to respond to price signals. Of the four main options offered to commercial LV customers all but the general network tariff involve time-of-use charges. The general tariff does, however, involve an inclining block tariff structure with higher energy charges (c/kWh) applying above certain thresholds. The off-peak (3) day and night network tariff option is also available to customers on the general network tariff.

Two of the commercial LV options involve capacity and/or maximum demand charges, in conjunction with time-of-use charges. Customers able to improve their load factor¹¹ have an incentive to choose a tariff with a demand or capacity charge, and reduce their energy bills. Customers on the general or general time-of-use network charges can move to the demand charges and lower their network costs if they have a sufficiently large load (for the cost savings to offset the higher cost of metering) and a reasonable load profile.

Table 2-2 Network tariff structure - commercial low voltage

Tariff	Charging parameters	Explanation
General network	Network access charge (c/day/customer) Energy for the first 330 kWh/day (c/kWh) Energy above 330 kWh/day (c/kWh)	This tariff is available to all customers. The tariff is most suitable for small commercial consumers operating in regular business hours or larger customers with poorer load factors (peaky loads). This tariff may be used in conjunction with the off-peak tariffs.
General TOU network	Network access charge (c/day/customer) Energy at business times (c/kWh) Energy at evening times (c/kWh) Energy at off-peak times (c/kWh)	This tariff is particularly suitable for small commercial customers, such as bakers, freezer installations and irrigators, with discretionary or relatively large off-peak loads. The energy charges relate to supply of network services at different times.
LV TOU kVA demand network	Network access charge (c/day/connection point).	This tariff is appropriate for customers with an average or stable commercial load.

¹¹ The load factor is the actual energy consumed relative to the energy the customer would have consumed if it had consumed at its maximum rate of consumption for the full period.

	<p>Maximum demand (c/kVA/day)</p> <p>Energy at business times (c/kWh)</p> <p>Energy at evening times (c/kWh)</p> <p>Energy at off-peak times (c/kWh)</p>	<p>The maximum demand charge is designed to encourage consumers to manage their demand on the network.</p> <p>The energy charges relate to supply of energy at different times, with lower rates in off-peak times reflecting the availability of capacity and encouraging consumers to shift their load from peak to off-peak times to utilise the available capacity.</p>
LV TOU capacity network	<p>Network access charge (c/day/connection point)</p> <p>Maximum demand (in billing period) (c/kVA/day)</p> <p>Capacity (max demand in last year) (c/kVA/day)</p> <p>Energy at business times (c/kWh)</p> <p>Energy at evening times (c/kWh)</p> <p>Energy at off-peak times (c/kWh)</p>	<p>This tariff is intended for low voltage customers with embedded generation but it may be an attractive option for other low voltage customers with stable loads. The tariff provides an incentive for customers with embedded generation to manage their output and their down-times (eg for servicing) so as to minimise their demand on the network.</p>
Streetlighting	<p>Network access charge (c/day/customer)</p> <p>Energy at any time (c/kWh)</p>	<p>This tariff applies to the night-time lighting of streets and public ways and places.</p>
Small unmetered loads	<p>Network access charge (c/day/customer)</p> <p>Energy at any time (c/kWh)</p>	<p>This tariff applies to eligible installations as determined by ActewAGL, including:</p> <ul style="list-style-type: none"> • telephone boxes • telecommunication devices • other, as determined by the National Metrology Coordinator. <p>Energy charges are calculated based on the assessed rating of the load and the charge period.</p>
Internal use	<p>Network access charge (c/day/customer)</p> <p>Energy at any time (c/kWh)</p>	<p>This tariff applies only to ActewAGL sites and fully recovers the economic cost of supply.</p>

2.1.3 Network tariffs for high voltage customers

ActewAGL Distribution's high voltage network tariff structure is shown in Table 2-3. To qualify for the high voltage demand network charges, consumers must take their energy at high voltage (nominal voltage not less than 11 kV) and make a capital contribution towards their connection assets and transformers. High voltage consumers have the option of owning and operating their own high voltage assets.

Table 2-3 Network tariff structure - high voltage

Tariff	Charging parameters	Explanation
HV TOU Demand Network (111)	<p>Network access charge (c/day/connection point)</p> <p>Max demand (in billing period) (c/kVA/day)</p> <p>Capacity (max demand in past year) (c/kVA/day)</p>	<p>This tariff is appropriate for large customers taking supply at high voltage with a low voltage network owned and maintained by ActewAGL.</p> <p>The energy charges relate to supply of network services at different times, with lower rates in off-peak times.</p> <p>The demand charge is applied to the maximum demand in the</p>

	Energy at business times (c/kWh) Energy at evening times (c/kWh) Energy at off-peak times (c/kWh)	billing period, while the capacity charge is applied to the maximum demand in the previous 12 months.
HV TOU Demand Network – Customer HV (112)	Network access charge (c/day/connection point) Max demand (in billing period) (c/kVA/day) Capacity (max demand in past year) (c/kVA/day) Energy at business times (c/kWh) Energy at evening times (c/kWh) Energy at off-peak times (c/kWh)	This tariff is appropriate for large customers taking supply at high voltage with a low voltage network owned and maintained by ActewAGL, where the customer owns and is responsible for its high voltage assets (including transformers and switch gear).
HV TOU Demand Network – Customer LV (121)	Network access charge (c/day/connection point) Max demand (in billing period) (c/kVA/day) Capacity (max demand in past year) (c/kVA/day) Energy at business times (c/kWh) Energy at evening times (c/kWh) Energy at off-peak times (c/kWh)	This network charge is appropriate for large customers taking supply at high voltage where the customer owns and is responsible for their own low voltage network. The network access charge relates to the connection services provided to the customer including provision of the current transformer necessary to meter these large loads. The energy charges relate to supply of network services at different times, with lower rates in off-peak times reflecting the relatively low costs of off-peak supply.
HV TOU Demand Network – Customer HV and LV (122)	Network access charge (c/day/connection point) Max demand (in billing period) (c/kVA/day) Capacity (max demand in past year) (c/kVA/day) Energy at business times (c/kWh) Energy at evening times (c/kWh) Energy at off-peak times (c/kWh)	This network charge is appropriate for large customers taking supply at high voltage where the customer owns and is responsible for their own low voltage network and where the customer owns and is responsible for its high voltage assets (including transformers and switch gear).

2.1.4 Miscellaneous service charges and fees

In addition to the network tariffs set out above, ActewAGL Distribution offers a range of miscellaneous services and charges for each service. The structure of charges varies, depending on the type of service. Some services are charged on a per visit basis, others per installation or per test. The charges for miscellaneous services are set on a cost reflective basis. For example, separate rates apply for temporary connections depending on whether they relate to an overhead connection, standard underground or free-standing underground, as these will involve different costs.

ActewAGL Distribution also provides some miscellaneous services as part of its alternative control (metering) services. These include meter tests, installation of interval meters at a customer's request, and special meter reads.

2.2 ActewAGL Distribution's metering charges

ActewAGL Distribution's schedule of metering charges comprises daily charges for the provision of each of five different types of metering services and charges for special meter reads. The schedule also includes a charge for the installation of interval meters other than in the normal course of replacement, at the customer's request or to facilitate the installation of a renewable energy generator.

ActewAGL has introduced a new service of "replacing a meter to facilitate a renewable energy installation" to meet the requirements of paragraph 6(2)(c) of the *Electricity Feed-in (Renewable Energy Premium) Act 2008*. The charge for this service is applied where a consumer requests a new meter to facilitate a photovoltaic or other renewable energy installation. It does not apply to new premises when a new meter is installed. Nor does it apply to commercial installations where the customer is required to pay an additional daily metering charge for a separate meter. In such cases, the cost of the additional meter is recovered in the metering charge.

3. ActewAGL Distribution's Network Tariffs

ActewAGL's network charges are made up of distribution charges and transmission charges. The distribution charges recover the cost of ActewAGL's electricity distribution service within the ACT. The transmission charges recover TransGrid's charges to ActewAGL for the delivery of energy to the ACT. The AER regulates both ActewAGL's distribution charges and TransGrid's transmission charges.

ActewAGL Distribution is required to provide tariffs designed to pass on to customers the charges it will incur for transmission services. The amount passed on to customers is not to exceed the estimated amount of transmission charges for each year adjusted for over or under recovery in the previous regulatory year.

Table 3-1 shows the distribution, transmission and network charges for 2009/10, excluding GST.

Table 3-1 ActewAGL Distribution Network Charges for 2009/10 (excluding GST)

Code	Description	Unit	Distribution Charges 2009/10	Transmission Charges 2009/10	Network Charges 2009/10
RESIDENTIAL TARIFFS					
010	Residential Standard Network				
	Network access charge	cents/day	12.970	0.000	12.970
	Energy consumption	cents/kWh	4.465	0.985	5.450
015	Residential TOU Network				
	Network access charge	cents/day	12.970	0.000	12.970
	Energy consumption at max times	cents/kWh	6.750	1.120	7.870
	Energy consumption at mid times	cents/kWh	3.516	1.074	4.590
	Energy consumption at economy times	cents/kWh	2.468	0.772	3.240
	Energy consumption at controlled economy times	cents/kWh	0.631	0.689	1.320
020	Residential 5000 Network				
	Network access charge	cents/day	34.370	0.000	34.370
	Energy consumption for the first 60 kWh per day	cents/kWh	2.865	0.985	3.850
	Energy consumption above 60 kWh per day	cents/kWh	4.465	0.985	5.450
030	Residential with Heat Pump Network				
	Network access charge	cents/day	77.270	0.000	77.270
	Energy consumption for the first 165 kWh per day	cents/kWh	1.365	0.985	2.350
	Energy consumption above 165 kWh per day	cents/kWh	4.465	0.985	5.450
060	Off-Peak (1 / 2) Night Network (obsolete)				
	Energy consumption	cents/kWh	0.272	0.508	0.780
070	Off-Peak (3) Day & Night Network				
	Energy consumption	cents/kWh	0.631	0.689	1.320
	Renewable Energy Generation				
	Energy consumption	cents/kWh	0.000	0.000	0.000

Code	Description	Unit	Distribution Charges 2009/10	Transmission Charges 2009/10	Network Charges 2009/10
COMMERCIAL LOW VOLTAGE TARIFFS					
040	General Network				
	Network access charge	cents/day	26.000	0.000	26.000
	Energy consumption for the first 330 kWh per day	cents/kWh	7.020	1.250	8.270
	Energy consumption above 330 kWh per day	cents/kWh	9.622	1.368	10.990
135	Small Unmetered Loads Network				
	Network access charge	cents/day	18.800	0.000	18.800
	Energy consumption	cents/kWh	8.476	1.054	9.530
141	Internal Network				
	Network access charge	cents/day	2.400	0.000	2.400
	Energy consumption	cents/kWh	0.509	0.886	1.395
080	Streetlighting Network				
	Network access charge	cents/day	26.000	0.000	26.000
	Energy consumption	cents/kWh	4.278	0.822	5.100
090	General TOU Network				
	Network access charge	cents/day	26.000	0.000	26.000
	Energy consumption at business times	cents/kWh	11.432	1.498	12.930
	Energy consumption at evening times	cents/kWh	5.955	1.165	7.120
	Energy consumption at off-peak times	cents/kWh	2.246	0.694	2.940
Low voltage time of use demand network					
101	LV TOU kVA Demand Network				
	Network access charge per connection point	cents/day	32.000	0.000	32.000
	Maximum demand charge	c/KVA/day	30.990	2.210	33.200
	Energy consumption at business times	cents/kWh	3.161	1.049	4.210
	Energy consumption at evening times	cents/kWh	2.123	0.947	3.070
	Energy consumption at off-peak times	cents/kWh	0.895	0.685	1.580
103	LV TOU Capacity Network				
	Network access charge per connection point	cents/day	32.000	0.000	32.000
	Maximum demand charge	c/KVA/day	14.000	1.000	15.000
	Capacity charge	c/KVA/day	14.000	1.000	15.000
	Energy consumption at business times	cents/kWh	3.161	1.049	4.210
	Energy consumption at evening times	cents/kWh	2.123	0.947	3.070
	Energy consumption at off-peak times	cents/kWh	0.895	0.685	1.580
HIGH VOLTAGE TARIFFS					
High voltage time of use demand network with ActewAGL low voltage network					
111	HV TOU Demand Network				
	Network access charge per connection point	\$/day	12.000	0.000	12.000
	Maximum demand charge	c/KVA/day	12.010	0.990	13.000
	Capacity charge	c/KVA/day	12.010	0.990	13.000
	Energy consumption at business times	cents/kWh	2.976	0.924	3.900
	Energy consumption at evening times	cents/kWh	1.927	0.883	2.810
	Energy consumption at off-peak times	cents/kWh	0.813	0.667	1.480
112	HV TOU Demand Network – Customer HV				
	Network access charge per connection point	\$/day	12.000	0.000	12.000
	Maximum demand charge	c/KVA/day	11.010	0.990	12.000
	Capacity charge	c/KVA/day	11.010	0.990	12.000
	Energy consumption at business times	cents/kWh	2.976	0.924	3.900
	Energy consumption at evening times	cents/kWh	1.927	0.883	2.810
	Energy consumption at off-peak times	cents/kWh	0.813	0.667	1.480

Code	Description	Unit	Distribution Charges 2009/10	Transmission Charges 2009/10	Network Charges 2009/10
High voltage time of use demand network without ActewAGL low voltage network					
121	HV TOU Demand Network – Customer LV				
	Network access charge per connection point	\$/day	12.000	0.000	12.000
	Maximum demand charge	c/KVA/day	12.010	0.990	13.000
	Capacity charge	c/KVA/day	12.010	0.990	13.000
	Energy consumption at business times	cents/kWh	2.546	0.924	3.470
	Energy consumption at evening times	cents/kWh	1.547	0.883	2.430
	Energy consumption at off-peak times	cents/kWh	0.643	0.667	1.310
122	HV TOU Demand Network – Customer HV and LV				
	Network access charge per connection point	\$/day	12.000	0.000	12.000
	Maximum demand charge	c/KVA/day	11.010	0.990	12.000
	Capacity charge	c/KVA/day	11.010	0.990	12.000
	Energy consumption at business times	cents/kWh	2.546	0.924	3.470
	Energy consumption at evening times	cents/kWh	1.547	0.883	2.430
	Energy consumption at off-peak times	cents/kWh	0.643	0.667	1.310

Table 3-2 compares network charges for 2009/10 with and without GST. Also, it compares network charges in 2009/10 with those for 2008/09. On average, tariffs have increased about 1.06 c/kWh including GST. This represents an average increase of about 20%. Two thirds of the increase is attributable to distribution price increases and one third to transmission price increases.

Table 3-2 Comparison of Network Charges with GST

Code	Description	Unit	Network Charges 2008/09 GST Incl.	Network Charges 2009/10 GST Excl.	Network Charges 2009/10 GST Incl.
RESIDENTIAL TARIFFS					
010	Residential Standard Network				
	Network access charge	cents/day	15.785	12.97	14.267
	Energy consumption	cents/kWh	4.752	5.45	5.995
015	Residential TOU Network				
	Network access charge	cents/day	15.785	12.97	14.267
	Energy consumption at max times	cents/kWh	6.820	7.87	8.657
	Energy consumption at mid times	cents/kWh	4.455	4.59	5.049
	Energy consumption at economy times	cents/kWh	2.860	3.24	3.564
	Energy consumption at controlled economy times	cents/kWh	2.860	1.32	1.452
020	Residential 5000 Network				
	Network access charge	cents/day	37.785	34.37	37.807
	Energy consumption for the first 60 kWh per day	cents/kWh	2.992	3.85	4.235
	Energy consumption above 60 kWh per day	cents/kWh	4.752	5.45	5.995
030	Residential with Heat Pump Network				
	Network access charge	cents/day	85.085	77.27	84.997
	Energy consumption for the first 165 kWh per day	cents/kWh	1.342	2.35	2.585
	Energy consumption above 165 kWh per day	cents/kWh	4.752	5.45	5.995
060	Off-Peak (1 / 2) Night Network (obsolete)				
	Energy consumption	cents/kWh	0.495	0.78	0.858
070	Off-Peak (3) Day & Night Network				
	Energy consumption	cents/kWh	1.210	1.32	1.452

Code	Description	Unit	Network Charges 2008/09 GST Incl.	Network Charges 2009/10 GST Excl.	Network Charges 2009/10 GST Incl.
Renewable Energy Generation					
	Energy consumption	cents/kWh	0.00	0.00	0.00
COMMERCIAL LOW VOLTAGE TARIFFS					
040	General Network				
	Network access charge	cents/day	28.490	26.00	28.600
	Energy consumption for the first 330 kWh per day	cents/kWh	7.645	8.27	9.097
	Energy consumption above 330 kWh per day	cents/kWh	9.845	10.99	12.089
135	Small Unmetered Loads Network				
	Network access charge	cents/day	28.600	18.80	20.680
	Energy consumption	cents/kWh	9.460	9.53	10.483
141	Internal Network				
	Network access charge	cents/day	3.520	2.40	2.640
	Energy consumption	cents/kWh	0.6380	1.395	1.5345
080	Streetlighting Network				
	Network access charge	cents/day	28.490	26.00	28.600
	Energy consumption	cents/kWh	4.510	5.10	5.610
090	General TOU Network				
	Network access charge	cents/day	28.490	26.00	28.600
	Energy consumption at business times	cents/kWh	11.880	12.93	14.223
	Energy consumption at evening times	cents/kWh	6.380	7.12	7.832
	Energy consumption at off-peak times	cents/kWh	2.915	2.94	3.234
Low voltage time of use demand network					
101	LV TOU kVA Demand Network				
	Network access charge per connection point	cents/day	38.500	32.00	35.200
	Maximum demand charge	c/KVA/day	35.200	33.20	36.520
	Energy consumption at business times	cents/kWh	3.080	4.21	4.631
	Energy consumption at evening times	cents/kWh	2.475	3.07	3.377
	Energy consumption at off-peak times	cents/kWh	1.430	1.58	1.738
103	LV TOU Capacity Network				
	Network access charge per connection point	cents/day	38.500	32.00	35.200
	Maximum demand charge	c/KVA/day	16.500	15.00	16.500
	Capacity charge	c/KVA/day	16.500	15.00	16.500
	Energy consumption at business times	cents/kWh	3.080	4.21	4.631
	Energy consumption at evening times	cents/kWh	2.475	3.07	3.377
	Energy consumption at off-peak times	cents/kWh	1.430	1.58	1.738
HIGH VOLTAGE TARIFFS					
High voltage time of use demand network with ActewAGL low voltage network					
111	HV TOU Demand Network				
	Network access charge per connection point	\$/day	13.200	12.00	13.200
	Maximum demand charge	c/KVA/day	14.300	13.00	14.300
	Capacity charge	c/KVA/day	14.300	13.00	14.300
	Energy consumption at business times	cents/kWh	2.750	3.90	4.290
	Energy consumption at evening times	cents/kWh	2.310	2.81	3.091
	Energy consumption at off-peak times	cents/kWh	1.353	1.48	1.628
112	HV TOU Demand Network – Customer HV				
	Network access charge per connection point	\$/day	13.200	12.00	13.200
	Maximum demand charge	c/KVA/day	13.200	12.00	13.200
	Capacity charge	c/KVA/day	13.200	12.00	13.200
	Energy consumption at business times	cents/kWh	2.750	3.90	4.290
	Energy consumption at evening times	cents/kWh	2.310	2.81	3.091
	Energy consumption at off-peak times	cents/kWh	1.353	1.48	1.628

Code	Description	Unit	Network Charges	Network Charges	Network Charges
			2008/09 GST Incl.	2009/10 GST Excl.	2009/10 GST Incl.
121	HV TOU Demand Network – Customer LV				
	Network access charge per connection point	\$/day	13.200	12.00	13.200
	Maximum demand charge	c/KVA/day	14.300	13.00	14.300
	Capacity charge	c/KVA/day	14.300	13.00	14.300
	Energy consumption at business times	cents/kWh	2.475	3.47	3.817
	Energy consumption at evening times	cents/kWh	2.090	2.43	2.673
	Energy consumption at off-peak times	cents/kWh	1.243	1.31	1.441
122	HV TOU Demand Network – Customer HV and LV				
	Network access charge per connection point	\$/day	13.200	12.00	13.200
	Maximum demand charge	c/KVA/day	13.200	12.00	13.200
	Capacity charge	c/KVA/day	13.200	12.00	13.200
	Energy consumption at business times	cents/kWh	2.475	3.47	3.817
	Energy consumption at evening times	cents/kWh	2.090	2.43	2.673
	Energy consumption at off-peak times	cents/kWh	1.243	1.31	1.441

4. Charges for Miscellaneous Services

Table 4-1 presents ActewAGL Distribution's charges for miscellaneous services for 2009/10 excluding and including GST. Also shown are the charges for miscellaneous services for 2008/09, including GST.

Table 4-1 Miscellaneous Service Charges

Code	Description	Unit	Prices	Prices	Prices
			2008/09 GST incl.	2009/10 GST excl.	2009/10 GST incl.
For visit to re-energise or de-energise a site					
501	Business hours – re-energise a site	per visit	\$49.00	\$47.27	\$52.00
502	After hours – re-energise a site	per visit	\$107.00	\$102.73	\$113.00
503	Business hours – de-energise a site	per visit	\$45.00	\$42.73	\$47.00
504	Meter test during business hours (deposit)	per test	\$62.00	\$59.09	\$65.00
505	De-energise a site for non-payment	per visit	\$83.00	\$79.09	\$87.00
506	Special meter reading, for example, check read (second in a billing period)	per read	\$32.00	\$30.91	\$34.00
507	Install interval meter at customer's request	per meter	\$154.00	\$147.27	\$162.00
508	Field visit only (De-energise a site for non-payment)	per visit	\$60.00	\$57.27	\$63.00
509	Replace meter to facilitate renewable energy installation			\$147.27	\$162.00
Temporary connections					
520	Overhead	per installation	\$355.00	\$340.00	\$374.00
521	Standard underground	per installation	\$515.00	\$493.64	\$543.00
522	Free-standing underground	per installation	\$625.00	\$598.18	\$658.00
Services					
530	Overhead: remove, reposition or disconnect service	per site visit	\$255.00	\$244.55	\$269.00
531	Underground: remove, reposition or disconnect service	per site visit	\$615.00	\$589.09	\$648.00
Upgrade service from single to three phase at customer's request where load does not justify three phase					
532	Overhead	per installation	\$330.00	\$316.36	\$348.00
533	Underground – service cable replacement not required	per installation	\$330.00	\$316.36	\$348.00
534	Underground – service cable replacement required	per installation	\$615.00	\$589.09	\$648.00

Code	Description	Unit	Prices 2008/09 GST incl.	Prices 2009/10 GST excl.	Prices 2009/10 GST incl.
540	Installation defect (applied where a revisit to a site is necessitated by obstructed access or non-compliance with the Service and Installation Rules)	per visit	\$170.00	\$162.73	\$179.00
550	Issue of copies of electrical drawings	per sheet or electronic equivalent	\$13.30	\$12.73	\$14.00
560	De-energising wires (to allow safe approach, for example, for tree pruning, plant operation, oversize loads, construction activities)	per occurrence	\$410.00	\$392.73	\$432.00
570	Embedded generation - operational and maintenance charges for small embedded generators (other renewable <30KW)				
	for connection assets		2.0%	2.0%	2.0%
	for shared network assets (if applicable)		2.0%	2.0%	2.0%

5. Charges for Metering Services

Table 5-1 presents ActewAGL Distribution's metering services charges for 2009/10 excluding and including GST. Also shown are the charges for metering services for 2008/09, including GST.

Table 5-1 Metering Service Charges (excluding GST)

Code	Description	Unit	Prices Incl. GST 2008/09	Prices excl. GST 2009/10	Prices Incl. GST 2009/10
MP1	Quarterly basic metering rate Accumulation and time-of-use meters read quarterly	cents per day per NMI	10.725	12.23	13.453
MP2	Monthly basic metering rate Accumulation and time-of-use meters read monthly	cents per day per NMI	18.810	21.40	23.540
MP3	Time-of-use metering rate Time-of-use meters read monthly	cents per day per NMI	18.810	21.40	23.540
MP4	Monthly manually-read interval metering rate Interval meters recording at either 15 or 30 minute intervals, read manually and processed monthly	\$ per day per NMI	\$1.815	\$1.75	\$1.925
MP5	Internal metering rate Sites entitled to the Internal Network charge	cents per day per NMI	6.600	7.50	8.250
MP6	Quarterly manually-read interval metering rate Interval meters recording at either 15 or 30 minute intervals, read manually and processed quarterly	cents per day per NMI	52.800	48.00	52.800

6. Expected Pricing Trends

6.1 Expected Distribution Use-of-System Charges

Table 6-1 provides a list of expected distribution use of system charges. The prices for 2009/10 are the actual prices for that year. The forecast prices have been calculated assuming inflation of 2.5% per annum for the remainder of the regulatory period (to 2013/14). The AER has determined that average distribution charges may rise by 4% in real terms in the remaining years of the regulatory period.

Table 6-1 Expected Distribution Use-of-system charges (excluding GST)

Code	Description	Unit	2009/10	2010/11	2011/12	2012/13	2013/14
RESIDENTIAL TARIFFS							
010	Residential Standard Network						
	Network access charge	cents/day	12.970	14.08	14.99	15.77	16.69
	Energy consumption	cents/kWh	4.465	4.74	5.04	5.36	5.69
015	Residential TOU Network						
	Network access charge	cents/day	12.970	14.08	14.99	15.77	16.69
	Energy consumption at max times	cents/kWh	6.750	7.09	7.56	8.02	8.51
	Energy consumption at mid times	cents/kWh	3.516	3.73	3.97	4.21	4.46
	Energy consumption at economy times	cents/kWh	2.468	2.62	2.79	2.95	3.12
	Energy consumption at controlled economy times	cents/kWh	0.631	0.67	0.72	0.77	0.81
020	Residential 5000 Network						
	Network access charge	cents/day	34.370	35.58	36.49	37.27	38.09
	Energy consumption for the first 60 kWh per day	cents/kWh	2.865	3.14	3.44	3.76	4.09
	Energy consumption above 60 kWh per day	cents/kWh	4.465	4.74	5.04	5.36	5.69
030	Residential with Heat Pump Network						
	Network access charge	cents/day	77.270	78.58	79.59	80.37	80.99
	Energy consumption for the first 165 kWh per day	cents/kWh	1.365	1.64	1.94	2.26	2.59
	Energy consumption above 165 kWh per day	cents/kWh	4.465	4.74	5.04	5.36	5.69
060	Off-Peak (1 / 2) Night Network (obsolete)						
	Energy consumption	cents/kWh	0.272	0.29	0.31	0.33	0.35
070	Off-Peak (3) Day & Night Network						
	Energy consumption	cents/kWh	0.631	0.67	0.72	0.77	0.81
	Renewable Energy Generation						
	Energy consumption	cents/kWh	0.000	0.00	0.00	0.00	0.00
COMMERCIAL LOW VOLTAGE TARIFFS							
040	General Network						
	Network access charge	cents/day	26.000	28.00	30.00	31.00	33.00
	Energy consumption for the first 330 kWh per day	cents/kWh	7.020	7.42	7.93	8.45	8.95
	Energy consumption above 330 kWh per day	cents/kWh	9.622	10.24	11.02	11.63	12.38

Code	Description	Unit	2009/10	2010/11	2011/12	2012/13	2013/14
135	Small Unmetered Loads Network						
	Network access charge	cents/day	18.800	20.40	21.80	23.00	24.20
	Energy consumption	cents/kWh	8.476	9.10	9.42	9.97	10.67
141	Internal Network						
	Network access charge	cents/day	2.400	2.60	2.80	3.00	3.10
	Energy consumption	cents/kWh	0.509	0.54	0.58	0.61	0.65
080	Streetlighting Network						
	Network access charge	cents/day	26.000	28.00	30.00	31.00	33.00
	Energy consumption	cents/kWh	4.278	4.56	4.88	5.19	5.52
090	General TOU Network						
	Network access charge	cents/day	26.000	28.00	30.00	31.00	33.00
	Energy consumption at business times	cents/kWh	11.432	12.15	12.96	13.77	14.63
	Energy consumption at evening times	cents/kWh	5.955	6.33	6.77	7.19	7.66
	Energy consumption at off-peak times	cents/kWh	2.246	2.39	2.57	2.72	2.90
Low voltage time of use demand network							
101	LV TOU kVA Demand Network						
	Network access charge per connection point	cents/day	32.000	35.00	38.00	40.00	42.00
	Maximum demand charge	c/KVA/day	30.990	33.00	34.98	37.04	39.54
	Energy consumption at business times	cents/kWh	3.161	3.34	3.52	3.63	3.67
	Energy consumption at evening times	cents/kWh	2.123	2.24	2.38	2.49	2.59
	Energy consumption at off-peak times	cents/kWh	0.895	0.95	1.00	1.05	1.09
102	LV TOU kW Demand Network						
	Network access charge per connection point	cents/day	32.000	35.00	38.00	40.00	42.00
	Maximum demand charge	c/KW/day	51.990	56.01	59.02	61.98	66.04
	Energy consumption at business times	cents/kWh	3.161	3.34	3.52	3.63	3.67
	Energy consumption at evening times	cents/kWh	2.123	2.24	2.38	2.49	2.59
	Energy consumption at off-peak times	cents/kWh	0.895	0.95	1.00	1.05	1.09
103	LV TOU Capacity Network						
	Network access charge per connection point	cents/day	32.000	35.00	38.00	40.00	42.00
	Maximum demand charge	c/KVA/day	14.000	14.91	15.86	16.71	17.83
	Capacity charge	c/KVA/day	14.000	14.91	15.86	16.71	17.83
	Energy consumption at business times	cents/kWh	3.161	3.34	3.52	3.63	3.67
	Energy consumption at evening times	cents/kWh	2.123	2.24	2.38	2.49	2.59
	Energy consumption at off-peak times	cents/kWh	0.895	0.95	1.00	1.05	1.09
HIGH VOLTAGE TARIFFS							
High voltage time of use demand network with ActewAGL low voltage network							
111	HV TOU Demand Network						
	Network access charge per connection point	\$/day	12.000	13.00	14.00	15.00	16.00
	Maximum demand charge	c/KVA/day	12.010	12.46	13.32	14.08	15.01
	Capacity charge	c/KVA/day	12.010	12.46	13.32	14.08	15.01
	Energy consumption at business times	cents/kWh	2.976	3.12	3.33	3.48	3.62
	Energy consumption at evening times	cents/kWh	1.927	1.95	2.07	2.18	2.29
	Energy consumption at off-peak times	cents/kWh	0.813	0.83	0.87	0.92	0.96

Code	Description	Unit	2009/10	2010/11	2011/12	2012/13	2013/14
112	HV TOU Demand Network – Customer HV						
	Network access charge per connection point	\$/day	12.000	13.00	14.00	15.00	16.00
	Maximum demand charge	c/KVA/day	11.010	11.46	12.32	13.08	14.01
	Capacity charge	c/KVA/day	11.010	11.46	12.32	13.08	14.01
	Energy consumption at business times	cents/kWh	2.976	3.12	3.33	3.48	3.62
	Energy consumption at evening times	cents/kWh	1.927	1.95	2.07	2.18	2.29
	Energy consumption at off-peak times	cents/kWh	0.813	0.83	0.87	0.92	0.96
	High voltage time of use demand network without ActewAGL low voltage network						
121	HV TOU Demand Network – Customer LV						
	Network access charge per connection point	\$/day	12.000	13.00	14.00	15.00	16.00
	Maximum demand charge	c/KVA/day	12.010	12.46	13.32	14.08	15.01
	Capacity charge	c/KVA/day	12.010	12.46	13.32	14.08	15.01
	Energy consumption at business times	cents/kWh	2.546	2.66	2.85	2.97	3.07
	Energy consumption at evening times	cents/kWh	1.547	1.73	1.84	1.93	2.02
	Energy consumption at off-peak times	cents/kWh	0.643	0.72	0.76	0.80	0.84
122	HV TOU Demand Network – Customer HV and LV						
	Network access charge per connection point	\$/day	12.000	13.00	14.00	15.00	16.00
	Maximum demand charge	c/KVA/day	11.010	11.46	12.32	13.08	14.01
	Capacity charge	c/KVA/day	11.010	11.46	12.32	13.08	14.01
	Energy consumption at business times	cents/kWh	2.546	2.66	2.85	2.97	3.07
	Energy consumption at evening times	cents/kWh	1.547	1.73	1.84	1.93	2.02
	Energy consumption at off-peak times	cents/kWh	0.643	0.72	0.76	0.80	0.84

6.2 Expected Miscellaneous Service Charges

Table 6-2 provides a list of expected charges for miscellaneous services to 2013/14. The prices for 2009/10 are the actual prices for that year. While the revenue caps for these charges rise by CPI plus 4%, these prices are expected to rise at a lower rate reflecting cost increases in providing these services.

Table 6-2 Expected Miscellaneous Service Charges (including GST)

Code	Description	Unit	2009/10	2010/11	2011/12	2012/13	2013/14
For visit to re-energise or de-energise a site							
501	Business hours – re-energise a site	per visit	\$52.00	\$54.00	\$56.00	\$58.00	\$60.00
502	After hours – re-energise a site	per visit	\$113.00	\$117.00	\$121.00	\$125.00	\$129.00
503	Business hours – de-energise a site	per visit	\$47.00	\$49.00	\$51.00	\$53.00	\$55.00
504	Meter test during business hours (deposit)	per test	\$65.00	\$67.00	\$69.00	\$71.00	\$73.00
505	De-energise a site for non-payment	per visit	\$87.00	\$90.00	\$93.00	\$96.00	\$99.00
506	Special meter reading, for example, check read (second in a billing period)	per read	\$34.00	\$35.00	\$36.00	\$37.00	\$38.00
507	Install interval meter at customer's request or replacement meter for renewable energy generation	per meter	\$162.00	\$168.00	\$174.00	\$180.00	\$186.00
508	Field visit only (De-energise a site for non-payment)	per visit	\$63.00	\$65.00	\$67.00	\$69.00	\$71.00

Code	Description	Unit	2009/10	2010/11	2011/12	2012/13	2013/14	
Temporary connections								
520	Overhead	per installation	\$374.00	\$387.00	\$401.00	\$415.00	\$430.00	
521	Standard underground	per installation	\$543.00	\$562.00	\$582.00	\$602.00	\$623.00	
522	Free-standing underground	per installation	\$658.00	\$681.00	\$705.00	\$730.00	\$756.00	
Services								
530	Overhead: remove, reposition or disconnect service	per site visit	\$269.00	\$278.00	\$288.00	\$298.00	\$308.00	
531	Underground: remove, reposition or disconnect service	per site visit	\$648.00	\$671.00	\$694.00	\$718.00	\$743.00	
Upgrade service from single to three phase at customer's request where load does not justify three phase								
532	Overhead	per installation	\$348.00	\$360.00	\$373.00	\$386.00	\$400.00	
533	Underground – service cable replacement not required	per installation	\$348.00	\$360.00	\$373.00	\$386.00	\$400.00	
534	Underground – service cable replacement required	per installation	\$648.00	\$671.00	\$694.00	\$718.00	\$743.00	
540	Installation defect (applied where a revisit to a site is necessitated by obstructed access or non-compliance with the Service and Installation Rules)		per visit	\$179.00	\$185.00	\$191.00	\$198.00	\$205.00
550	Issue of copies of electrical drawings	per sheet or electronic equivalent	\$14.00	\$14.00	\$14.00	\$14.00	\$14.00	
560	De-energising wires (to allow safe approach, for example, for tree pruning, plant operation, oversize loads, construction activities)		per occurrence	\$432.00	\$447.00	\$463.00	\$479.00	\$496.00
570	Embedded generation - operational and maintenance charges for small embedded generators (other than renewable <30KW)							
	for connection assets		2.0%	2.0%	2.0%	2.0%	2.0%	
	for shared network assets (if applicable)		2.0%	2.0%	2.0%	2.0%	2.0%	

6.3 Expected Metering Service Charges

Table 6-3 provides a list of expected charges for metering services to 2013/14. These charges apply to customers consuming less than 160 MWh per annum with a manually read meter. The prices for 2009/10 are the actual prices. The AER has determined that the revenue cap for these charges will rise with inflation over the remainder of the regulatory period. These prices rise by less than inflation because of the growth in customer numbers.

Table 6-3 Expected Metering Service Charges

Code	Description	Unit	2009/10	2010/11	2011/12	2012/13	2013/14
MP1	Quarterly basic metering rate						
	Accumulation and time-of-use meters read quarterly	cents per day per NMI*	12.23	12.60	12.80	13.05	13.20
MP2	Monthly basic metering rate						
	Accumulation and time-of-use meters read monthly	cents per day per NMI	21.40	22.00	22.20	22.40	22.70
MP3	Time-of-use metering rate						
	Time-of-use meters read monthly	cents per day per NMI	21.40	22.00	22.20	22.40	22.70
MP4	Monthly manually-read interval metering rate						
	Interval meters recording at either 15 or 30 minute intervals, read manually and processed monthly	\$ per day per NMI	\$1.75	\$1.80	\$1.85	\$1.90	\$1.90
MP5	Internal metering rate						
	Sites entitled to the Internal Network charge	cents per day per NMI	7.50	4.90	2.80	2.30	1.30
MP6	Quarterly manually-read interval metering rate						
	Interval meters recording at either 15 or 30 minute intervals, read manually and processed quarterly	cents per day per NMI	48.00	50.90	51.10	51.30	51.50

*National metering identifier