



38 Cavenagh Street DARWIN NT 0800  
 Postal Address GPO Box 915 DARWIN NT 0801  
 Email: [utilities.commission@nt.gov.au](mailto:utilities.commission@nt.gov.au)  
 Website: [www.utilicom.nt.gov.au](http://www.utilicom.nt.gov.au)

## **APPROVAL OF REFERENCE TARIFFS AND CHARGES FOR STANDARD NETWORK ACCESS SERVICES 1 JULY 2012 – 30 JUNE 2013**

In accordance with clause 78(3) of the Electricity Networks (Third Party Access) Code ("the Code"), the Commission hereby approves the attached network tariffs and charges relating to the use of the Power and Water Corporation's prescribed electricity networks for the financial year commencing 1 July 2012.

In particular, as required under the 2009 Reset Final Determination (published in March 2009):

- the weighted average of the tariffs included in the schedule, expressed in index number form, complies with the constraint:

$$P_t \leq [(P_{t-1} * (1 + P_0)) * (CPI_{t-1}/CPI_{t-2}) * (1 - (X_1 + X_2 + X_3))]$$

- the weighted average tariff for each individual end-use customer complies with the CPI – X + Y side constraint applying in 2012-13;

In accordance with clause 72(3) of the Electricity Networks (Third Party Access) Code ("the Code"), the Commission hereby approves the attached schedule of Alternative Control Services - Fee-based Services and the attached pricing methodology for Alternative Control Services - Quoted Services relating to the use of the Power and Water Corporation's prescribed electricity networks for the financial year commencing 1 July 2012.

In the Commission's opinion, the approved tariffs and charges comply with the above requirements and with the relevant principles laid down in the Code.

The tariffs and charges approved for 2012-13 are the maximum that the Power and Water Corporation can charge for standard network access services provided with respect to each electricity network.

The approved tariffs and charges are to take effect on 1 July 2012. The published pricing schedules may be expressed in GST-inclusive terms.

The Power and Water Corporation's statement of expected network price trends can be viewed on the Commission's website, along with a summary of the Commission's analysis and supporting documentation.

Dr Patrick Walsh  
 Utilities Commissioner  
 (for the Utilities Commission)  
 May 2012



## Standard Control Services Price Schedule 2012-13

### Schedule 1 - Northern Grid 2012/13 EXCLUDING GST

<b>A - For Customers with consumption above 750 MWh per year</b>					
Reference Service <sup>1</sup> Provided: Normal Transmission and Distribution of Electricity consumed through customer's metering for customers supplied and metered at any voltage in the Darwin and Katherine network areas					
	<b>System Availability Charge</b>	<b>\$/kVA peak<sup>2</sup></b>	<b>\$/kVA off peak<sup>2</sup></b>	<b>c/kWh peak<sup>2</sup></b>	<b>c/kWh off peak<sup>2</sup></b>
<b>System Availability Charge</b>					
Dollars per month	\$455.933				
<b>Plus charges related to monthly demand</b>					
First 50 kVA per month		\$6.819	\$1.585		
Next 100 kVA per month		\$5.922	\$1.408		
Next 300 kVA per month		\$4.911	\$1.084		
Next 500 kVA per month		\$3.868	\$1.084		
Next 1,000 kVA per month		\$2.648	\$0.813		
Any further kVA per month		\$2.648	\$0.813		
<b>Plus charges related to energy metered</b>					
First 10,000 kWh per month				4.014	3.795
Next 20,000 kWh per month				3.045	2.701
Next 50,000 kWh per month				2.482	2.137
Next 100,000 kWh per month				2.096	1.741
Next 200,000 kWh per month				1.387	0.928
Next 200,000 kWh per month				1.387	0.928
Any further energy per month				1.387	0.928
<b>B - For Customers with consumption below 750 MWh per year</b>					
Reference Service <sup>1</sup> Provided: Normal Transmission and Distribution of Electricity for customers supplied at low voltage in the Darwin and Katherine network areas.					
	<b>System Availability Charge</b>				<b>c/kWh anytime</b>
<b>System Availability Charge</b>					
Commercial: cents per day	38.089				
Domestic: cents per day	23.963				
<b>Plus charges related to energy metered</b>					
First 1,000 kWh per month (pro-rated per billing period)					7.958
Energy used above 1,000 kWh per month (pro-rated per billing period)					6.230
Street lighting and other unmetered supplies					4.473

<sup>[1]</sup> Charges for increased or reduced service such as for higher reliability or for back-up supply to on-site generation are subject to negotiation.

<sup>[2]</sup> Peak and off-peak periods for demand and energy related charging rates will be as determined from time to time. The peak period rates currently apply to usage between 6.00 am and 6.00 pm on any day. Off-peak period rates apply at other times.

## Schedule 2 - Alice Springs 2012/13

EXCLUDING GST

### A - For Customers with consumption above 750 MWh per year

Reference Service<sup>1</sup> Provided: Normal Transmission and Distribution of Electricity consumed through customer's metering for customers supplied and metered at any voltage in the Alice Springs network.

	System Availability Charge	\$/kVA peak <sup>2</sup>	\$/kVA off peak <sup>2</sup>	c/kWh peak <sup>2</sup>	c/kWh off peak <sup>2</sup>
<b>System Availability Charge</b>					
Dollars per month	\$455.933				
<b>Plus charges related to monthly demand</b>					
First 50 kVA per month		\$6.819	\$1.585		
Next 100 kVA per month		\$5.922	\$1.408		
Next 300 kVA per month		\$4.911	\$1.084		
Next 500 kVA per month		\$3.868	\$1.084		
Next 1,000 kVA per month		\$2.648	\$0.813		
Any further kVA per month		\$2.648	\$0.813		
<b>Plus charges related to energy metered</b>					
First 10,000 kWh per month				4.014	3.795
Next 20,000 kWh per month				3.045	2.701
Next 50,000 kWh per month				2.482	2.137
Next 100,000 kWh per month				2.096	1.741
Next 200,000 kWh per month				1.387	0.928
Next 200,000 kWh per month				1.387	0.928
Any further energy per month				1.387	0.928

### B - For Customers with consumption below 750 MWh per year

Reference Service<sup>1</sup> Provided: Normal Transmission and Distribution of Electricity for customers supplied at low voltage in the Alice Springs network.

	System Availability Charge	c/kWh anytime
<b>System Availability Charge</b>		
Commercial: cents per day	38.089	
Domestic: cents per day	24.880	
<b>Plus charges related to energy metered</b>		
First 1,000 kWh per month (pro-rated per billing period)		7.686
Energy used above 1,000 kWh per month (pro-rated per billing period)		6.230
Street lighting and other unmetered supplies		4.473

<sup>[1]</sup> Charges for increased or reduced service such as for higher reliability or for back-up supply to on-site generation are subject to negotiation.

<sup>[2]</sup> Peak and off-peak periods for demand and energy related charging rates will be as determined from time to time. The peak period rates currently apply to usage between 6.00 am and 6.00 pm on any day. Off-peak period rates apply at other times.

## Schedule 3 - Tennant Creek 2012/13 EXCLUDING GST

### A - For Customers with consumption above 750 MWh per year

Reference Service<sup>1</sup> Provided: Normal Transmission and Distribution of Electricity consumed through customer's metering for customers supplied and metered at any voltage in the Tennant Creek network.

	System Availability Charge	\$/kVA peak <sup>2</sup>	\$/kVA off peak <sup>2</sup>	c/kWh peak <sup>2</sup>	c/kWh off peak <sup>2</sup>
<b>System Availability Charge</b>					
Dollars per month	\$455.933				
<b>Plus charges related to monthly demand</b>					
First 50 kVA per month		\$6.819	\$1.585		
Next 100 kVA per month		\$5.922	\$1.408		
Next 300 kVA per month		\$4.911	\$1.084		
Next 500 kVA per month		\$3.868	\$1.084		
Next 1,000 kVA per month		\$2.648	\$0.813		
Any further kVA per month		\$2.648	\$0.813		
<b>Plus charges related to energy metered</b>					
First 10,000 kWh per month				4.014	3.795
Next 20,000 kWh per month				3.045	2.701
Next 50,000 kWh per month				2.482	2.137
Next 100,000 kWh per month				2.096	1.741
Next 200,000 kWh per month				1.387	0.928
Next 200,000 kWh per month				1.387	0.928
Any further energy per month				1.387	0.928

### B - For Customers with consumption below 750 MWh per year

Reference Service<sup>1</sup> Provided: Normal Transmission and Distribution of Electricity for customers supplied at low voltage in the Tennant Creek network.

	System Availability Charge	c/kWh anytime
<b>System Availability Charge</b>		
Commercial: cents per day	38.089	
Domestic: cents per day	22.289	
<b>Plus charges related to energy metered</b>		
First 1,000 kWh per month (pro-rated per billing period)		10.920
Energy used above 1,000 kWh per month (pro-rated per billing period)		10.120
Street lighting and other unmetered supplies		4.473

<sup>[1]</sup> Charges for increased or reduced service such as for higher reliability or for back-up supply to on-site generation are subject to negotiation.

<sup>[2]</sup> Peak and off-peak periods for demand and energy related charging rates will be as determined from time to time. The peak period rates currently apply to usage between 6.00 am and 6.00 pm on any day. Off-peak period rates apply at other times.

## ***Alternative Control Service Price Schedule 2012-13***

### ***"Fee-based services"***

<b>Service</b>	<b>Service Description</b>	<b>New Charge - Networks only (excl GST)</b>
Additional Crew per person - per hour	Where additional crew is required at a service call for health, safety or security reasons - Business Hours	\$56.61
Additional Crew per person - per hour	Where additional crew is required at a service call for health, safety or security reasons - After Hours	\$84.41
Attending Loss of Supply	Where Power Networks attends a location but concludes that it is the customer's installation that is at fault - Business Hours	\$113.28
Attending Loss of Supply	Where Power Networks attends a location but concludes that it is the customer's installation that is at fault - After Hours	\$337.58
Cable Location Charge	Identify the location of cables at the request of a customer - Business Hours	\$113.28
Cable Location Charge	Identify the location of cables at the request of a customer - After Hours	\$337.58
Conveyancer Easement Check	Per assessment cost of Power Networks confirming existing easements - Business Hours only	\$28.33
Exchange Or Replace Meter (No CT & Single-Phase)	Exchange of one meter for another at the customer's request - Business Hours	\$113.28
High Load Escort Administration Fee	Administration costs related to arranging for a permit to escort a load outside of existing designated routes	\$56.61
Installation of Minor Apparatus	Installation of tiger tails, polyloggers and other minor equipment - Business Hours only	\$339.80
Provision of Data	Provision of up to 12 months of old billing data or load profiles (where available) to customers or retailers	\$28.33

Service	Service Description	New Charge - Networks only (excl GST)
Re-Connection (CT and No CT)	Reconnection after failure to pay - Business Hours	\$113.28
Re-Connection (CT and No CT)	Reconnection after failure to pay - After Hours	\$337.58
Rental of Minor Equipment (daily charge)	Rental cost per day for minor equipment (e.g. tiger tails)	\$0.54
Service Establishment - Existing Supply	Connection to existing supply - Business Hours	\$0.00
Service Establishment - Existing Supply	Connection to existing supply - After Hours	\$0.00
Service Establishment - New Infrastructure	Connection of supply from network to supply point (meter panel); and the installation of metering at supply point (meter panel) - Business Hours	\$56.61
Service Establishment - New Infrastructure	Connection of supply from network to supply point (meter panel); and the installation of metering at supply point (meter panel) - After Hours	\$168.82
Special Meter Read	Reading of meter at customer's request - Business Hours only	\$11.08
Special Meter Test - single phase (CT and No CT)	Testing of meter for single phase supply - Business Hours only	\$113.28
Special Meter Test - three phase (CT and No CT)	Testing of meter for three phase supply - Business Hours only	\$203.32
Temporary Disconnection - Low Voltage - No Dismantling (Overhead)	Temporary disconnection and reconnection of supply, with no dismantling of service required - Business Hours	\$113.28

Service	Service Description	New Charge - Networks only (excl GST)
Temporary Disconnection - Low Voltage - No Dismantling (Overhead)	Temporary disconnection and reconnection of supply, with no dismantling of service required - After Hours	\$337.58
Temporary Disconnection - Low Voltage - Physical Dismantling (Overhead)	Temporary disconnection and reconnection of supply where the service is physically dismantled or disconnected (e.g. overhead line dropped) - Business Hours	\$226.57
Temporary Disconnection - Low Voltage - Physical Dismantling (Overhead)	Temporary disconnection and reconnection of supply where the service is physically dismantled or disconnected (e.g. overhead line dropped) - After Hours	\$675.21
Travel Costs - Rural 2	Labour cost for travel 100+km from depot - Business Hours	\$113.28
Travel Costs - Rural 2	Labour cost for travel 100+km from depot - After Hours	\$168.82
Wasted Truck Visit	Installation is not ready for connection on or after the date nominated by the electrical contractor	\$113.28
Work Permit	Administration costs associated with granting a permit for work within the vicinity of network assets (e.g. working within vicinity of underground cable)	\$28.33
Exchange Or Replace Meter (No CT & 3-Phase)	Exchange of one meter for another at the customer's request - Business Hours	\$275.50
Exchange Or Replace Meter (CT)	Exchange of one meter for another at the customer's request - Business Hours	\$281.18
Exchange Or Replace Meter (No CT & Single-Phase)	Exchange of one meter for another at the customer's request - After Hours	\$137.89
Exchange Or Replace Meter (No CT & 3-Phase)	Exchange of one meter for another at the customer's request - After Hours	\$300.11
Exchange Or Replace Meter (CT)	Exchange of one meter for another at the customer's request - After Hours	\$367.70

<b>Service</b>	<b>Service Description</b>	<b>New Charge - Networks only (excl GST)</b>
Relocation of Meter (No CT)	Relocation of meter after customer has relocated meter panel. This service is undertaken at the customer or retailer's request - Business Hours only	\$105.44
Relocation of Meter (CT)	Relocation of meter after customer has relocated meter panel. This service is undertaken at the customer or retailer's request - Business Hours only	\$281.18
Remove Meter (No CT)	Permanent removal of connection point (meter) from meter panel - Business Hours only	\$105.44
Remove Meter (CT)	Permanent removal of connection point (meter) from meter panel - Business Hours only	\$281.18
Pillar box, Pit or Pole Top (CT and No CT)	De-energisation by a physical disconnection of the service mains at the connection to the network - Business Hours only	\$140.59
Remove Fuse (No CT)	De-energisation at the fuse or meter - Business Hours only	\$52.72
Remove Fuse (CT)	De-energisation at the fuse or meter - Business Hours only	\$70.30
General Meter Inspection (No CT)	General metering inspection is required to check a reported or suspected fault, undertaken at the customer or retailer's request. This charge only applies if no fault is found with the meter - Business Hours only	\$70.30
General Meter Inspection (CT)	General metering inspection is required to check a reported or suspected fault, undertaken at the customer or retailer's request. This charge only applies if no fault is found with the meter - Business Hours only	\$105.44
Tamper Meter Inspection (No CT)	Inspection is required where supply or equipment tampering is suspected - Business Hours only	\$105.44
Tamper Meter Inspection (CT)	Inspection is required where supply or equipment tampering is suspected - Business Hours only	\$210.89
Meter Program Change (CT and No CT)	Changes to tariff that requires meter reprogramming at customer's request - Business Hours only	\$52.72



<b>Service</b>	<b>Service Description</b>	<b>New Charge - Networks only (excl GST)</b>
Meter Data Processing Services - Higher Standard	Collection, processing and transfer of higher standard energy data (from the previous year) for customers than would otherwise be provided - retailer requested - Business Hours only	\$70.30
Meter Data Processing Services - Higher Standard	Collection, processing and transfer of higher standard energy data (archive data i.e. any year other than the previous year ) for customers than would otherwise be provided - retailer requested - Business Hours only	\$140.59
Overhead Service Replacement - 1 Visit	To recover and replace an existing overhead service at customer's request. No material change to load - Business Hours only	\$421.77
Overhead Service Replacement - 2 Visits	To recover and replace an existing overhead service at customer's request. No material change to load - Business Hours only	\$632.66
Overhead Service Upgrade - 1 Visit	To upgrade an existing overhead service at customer's request - Business Hours only	\$421.77
Overhead Service Upgrade - 2 Visits	To upgrade an existing overhead service at customer's request - Business Hours only	\$843.54
Prepayment Meter Installation	Installation of Prepayment Meter at customer or Retailer's request - Business Hours only	\$378.51
Provision of a Permanent 3-Phase Service	Provision of a permanent 3-phase service at the customer's request (if single phase only is determined as necessary) - Business Hours only	\$337.96
Replacement of meter due to tampering or damage by a customer (Single-Phase)	Replacement of single-phase meter due to tampering or damage by a customer - Business Hours only	\$224.40
Replacement of meter due to tampering or damage by a customer (3-Phase)	Replacement of three-phase meter due to tampering or damage by a customer - Business Hours only	\$386.62
Replacement of a prepayment meter due to tampering or damage by a customer	Replacement of prepayment meter due to tampering or damage by a customer - Business Hours only	\$413.66
Temporary Supply Service (No CT & Single- Phase)	New Temporary Connection of Service at customer's request - Business Hours only	\$508.31

<b>Service</b>	<b>Service Description</b>	<b>New Charge - Networks only (excl GST)</b>
Temporary Supply Service (No CT & 3-Phase)	New Temporary Connection of Service at customer's request - Business Hours only	\$677.74
Temporary Supply Service (CT)	New Temporary Connection of Service at customer's request - Business Hours only	\$677.74
Streetlight Repairs and Maintenance (LW 1-100)	Annual repairs & maintenance charge per streetlight of streetlights within the 1-100 light wattage category	\$95.98
Streetlight Repairs and Maintenance (LW 101-200)	Annual repairs & maintenance charge per streetlight of streetlights within the 101-200 light wattage category	\$105.11
Streetlight Repairs and Maintenance (LW 201-300)	Annual repairs & maintenance charge per streetlight of streetlights within the 201-300 light wattage category	\$122.51
Streetlight Repairs and Maintenance (LW 301-400)	Annual repairs & maintenance charge per streetlight of streetlights within the 301-400 light wattage category	\$131.38
Streetlight Repairs and Maintenance (LW 1000)	Annual repairs & maintenance charge per streetlight of 1000 watt streetlights	\$154.61
Streetlight Capital Charge (Light Without Pole)	Annual charge per streetlight for provision of streetlight asset (Light Without Pole) - where Power and Water owns the streetlight	\$69.19
Streetlight Capital Charge (5.5m - Post Top Single Outreach Column)	Annual charge per streetlight for provision of streetlight asset (5.5m - Post Top Single Outreach Column) - where Power and Water owns the streetlight	\$365.99
Streetlight Capital Charge (6.5m - Curved Single Outreach Column)	Annual charge per streetlight for provision of streetlight asset (6.5m - Curved Single Outreach Column) - where Power and Water owns the streetlight	\$376.42
Streetlight Capital Charge (9m - Tapered Single Outreach Column)	Annual charge per streetlight for provision of streetlight asset (9m - Tapered Single Outreach Column) - where Power and Water owns the streetlight	\$409.51
Streetlight Capital Charge (9m - Tapered Double Outreach Column)	Annual charge per streetlight for provision of streetlight asset (9m - Tapered Double Outreach Column) - where Power and Water owns the streetlight	\$436.45

<b>Service</b>	<b>Service Description</b>	<b>New Charge - Networks only (excl GST)</b>
Streetlight Capital Charge (10.7m - Tube Single Outreach Column)	Annual charge per streetlight for provision of streetlight asset (10.7m - Tube Single Outreach Column) - where Power and Water owns the streetlight	\$400.15
Streetlight Capital Charge (10.7m - Tube Double Outreach Column)	Annual charge per streetlight for provision of streetlight asset (10.7m - Tube Double Outreach Column) - where Power and Water owns the streetlight	\$430.12
Streetlight Capital Charge (12m - VIAC Single Outreach Column)	Annual charge per streetlight for provision of streetlight asset (12m - VIAC Single Outreach Column) - where Power and Water owns the streetlight	\$441.49
Streetlight Capital Charge (12m - VIAC Double Outreach Column)	Annual charge per streetlight for provision of streetlight asset (12m - VIAC Double Outreach Column) - where Power and Water owns the streetlight	\$478.77
Streetlight Capital Charge (12m - Slip Base Single Outreach Column)	Annual charge per streetlight for provision of streetlight asset (12m - Slip Base Single Outreach Column) - where Power and Water owns the streetlight	\$477.77
Streetlight Capital Charge (12m - Slip Base Double Outreach Column)	Annual charge per streetlight for provision of streetlight asset (12m - Slip Base Double Outreach Column) - where Power and Water owns the streetlight	\$515.04
Streetlight Capital Charge (18m - Standard Column)	Annual charge per streetlight for provision of streetlight asset (18m - Standard Column) - where Power and Water owns the streetlight	\$574.75
Streetlight Capital Charge (18m - Triple Outreach Column)	Annual charge per streetlight for provision of streetlight asset (18m - Triple Outreach Column) - where Power and Water owns the streetlight	\$787.30
Photovoltaic (PV) Installation Charge (Single Phase)	Supply and install Single Phase PV meter at customer's request - Business Hours only	\$474.51
Photovoltaic (PV) Installation Charge (Three Phase)	Supply and install Three Phase PV meter at customer's request - Business Hours only	\$610.58

## ***Alternative Control Service Price Schedule 2012-13 – “Quoted services”***

### *Above-standard connection services and other quoted services*

Power and Water’s proposed control mechanism for above standard connection services and other quoted services is a formula such that the price is equal to:

- the materials employed for the project multiplied by the cost of those materials; PLUS
- the labour involved for the project (in hours) multiplied by the hourly rate including on-costs for that project.

Power and Water will not charge a profit margin for quoted services, in line with Amendment 6-7 of the Draft Determination.

This control setting method will allow Power and Water to quote an amount that is appropriate for the type of job to be provided. These types of services could vary from moving a meter at a cost of several hundred dollars to removing distribution infrastructure for Government to relocate a highway which could cost several million dollars.

Power and Water’s proposed control mechanism for these services involves:

- applying a schedule of fixed prices, which for this purpose would be a quotation provided by Power and Water before the service is provided. This is permitted under 6.2.5(b)(1) of the Rules as one of the six types of control mechanisms that can be applied to alternative control services; and
- a modification to Part C of the Rules, which is permitted under 6.2.6(c) of the Rules.

On this basis, Power and Water considers that its proposed control mechanism for these services is consistent with paragraph 2.20 of the Commission’s Final Decision Paper.

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