



NORTHERN TERRITORY OF AUSTRALIA

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Electricity Networks (Third Party Access) Act

NOTICE OF ELECTRICITY NETWORK PRICES TO BE CHARGED FOR THE PERIOD COMMENCING 1 JULY 2011

Power and Water Corporation, in accordance with clause 77 of the *Electricity Networks (Third Party Access) Code*, hereby fixes the prices, inclusive of the Goods and Services Tax (GST), for the use of its electricity networks the Northern Grid, Alice Springs Network and Tennant Creek Network, for the period commencing 1 July 2011.

The Schedules are based on reference tariffs and charges that have been approved by the Utilities Commission in accordance with clause 78 of the Code.

Dated 23rd May, 2011.

A. MACRIDES
Managing Director
Power and Water
Corporation



Schedule 1 - Northern Grid 2011/12

INCLUDING GST

A - For Customers with consumption above 750 MWh per year

Reference Service¹ 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

| | System Availability Charge | \$/kVA peak ² | \$/kVA off peak ² | c/kWh peak ² | c/kWh off peak ² |
|---|----------------------------|--------------------------|------------------------------|-------------------------|-----------------------------|
| System Availability Charge | | | | | |
| Dollars per month | \$480.997 | | | | |
| Plus charges related to monthly demand | | | | | |
| First 50 kVA per month | | 7.194 | 1.672 | | |
| Next 100 kVA per month | | 6.248 | 1.485 | | |
| Next 300 kVA per month | | 5.181 | 1.144 | | |
| Next 500 kVA per month | | 4.081 | 1.144 | | |
| Next 1,000 kVA per month | | 2.794 | 0.858 | | |
| Any further kVA per month | | 2.794 | 0.858 | | |
| Plus charges related to energy metered | | | | | |
| First 10,000 kWh per month | | | | 4.235 | 4.004 |
| Next 20,000 kWh per month | | | | 3.212 | 2.849 |
| Next 50,000 kWh per month | | | | 2.618 | 2.255 |
| Next 100,000 kWh per month | | | | 2.211 | 1.837 |
| Next 200,000 kWh per month | | | | 1.463 | 0.979 |
| Next 200,000 kWh per month | | | | 1.463 | 0.979 |
| Any further energy per month | | | | 1.463 | 0.979 |

B - For Customers with consumption below 750 MWh per year

Reference Service¹ Provided: Normal Transmission and Distribution of Electricity for customers supplied at low voltage in the Darwin and Katherine network areas.

| | System Availability Charge | c/kWh anytime |
|--|----------------------------|---------------|
| System Availability Charge | | |
| Commercial: cents per day | 40.183 | |
| Domestic: cents per day | 24.805 | |
| Plus charges related to energy metered | | |
| First 1,000 kWh per month (pro-rated per billing period) | | 8.371 |
| Energy used above 1,000 kWh per month (pro-rated per billing period) | | 6.490 |
| Street lighting and other unmetered supplies | | 4.719 |

⁽¹⁾ Charges for increased or reduced service such as for higher reliability or for back-up supply to on-site generation are subject to negotiation.

⁽²⁾ 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 2011/12

INCLUDING GST

| A - For Customers with consumption above 750 MWh per year | | | | | |
|---|--|--------------------------------|------------------------------------|-------------------------------|-----------------------------------|
| Reference Service ¹ 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 peak² | \$/kVA off peak² | c/kWh peak² | c/kWh off peak² |
| System Availability Charge | Dollars per month | | | | |
| | \$480.997 | | | | |
| Plus charges related to monthly demand | | | | | |
| | First 50 kVA per month | 7.194 | 1.672 | | |
| | Next 100 kVA per month | 6.248 | 1.485 | | |
| | Next 300 kVA per month | 5.181 | 1.144 | | |
| | Next 500 kVA per month | 4.081 | 1.144 | | |
| | Next 1,000 kVA per month | 2.794 | 0.858 | | |
| | Any further kVA per month | 2.794 | 0.858 | | |
| Plus charges related to energy metered | | | | | |
| | First 10,000 kWh per month | | | 4.235 | 4.004 |
| | Next 20,000 kWh per month | | | 3.212 | 2.849 |
| | Next 50,000 kWh per month | | | 2.618 | 2.255 |
| | Next 100,000 kWh per month | | | 2.211 | 1.837 |
| | Next 200,000 kWh per month | | | 1.463 | 0.979 |
| | Next 200,000 kWh per month | | | 1.463 | 0.979 |
| | Any further energy per month | | | 1.463 | 0.979 |
| B - For Customers with consumption below 750 MWh per year | | | | | |
| Reference Service ¹ Provided: Normal Transmission and Distribution of Electricity for customers supplied at low voltage in the Alice Springs network. | | | | | |
| | System Availability Charge | | | | c/kWh anytime |
| System Availability Charge | Commercial: cents per day | 40.183 | | | |
| | Domestic: cents per day | 27.368 | | | |
| Plus charges related to energy metered | | | | | |
| | First 1,000 kWh per month (pro-rated per billing period) | | | | 7.955 |
| | Energy used above 1,000 kWh per month (pro-rated per billing period) | | | | 6.448 |
| | Street lighting and other unmetered supplies | | | | 4.719 |

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

^[2] 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 2011/12 INCLUDING GST

| A - For Customers with consumption above 750 MWh per year | | | | | |
|---|-----------------------------------|--------------------------------|------------------------------------|-------------------------------|-----------------------------------|
| Reference Service ¹ 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 peak² | \$/kVA off peak² | c/kWh peak² | c/kWh off peak² |
| System Availability Charge Dollars per month | \$480.997 | | | | |
| Plus charges related to monthly demand | | | | | |
| First 50 kVA per month | | 7.194 | 1.672 | | |
| Next 100 kVA per month | | 6.248 | 1.485 | | |
| Next 300 kVA per month | | 5.181 | 1.144 | | |
| Next 500 kVA per month | | 4.081 | 1.144 | | |
| Next 1,000 kVA per month | | 2.794 | 0.858 | | |
| Any further kVA per month | | 2.794 | 0.858 | | |
| Plus charges related to energy metered | | | | | |
| First 10,000 kWh per month | | | | 4.235 | 4.004 |
| Next 20,000 kWh per month | | | | 3.212 | 2.849 |
| Next 50,000 kWh per month | | | | 2.618 | 2.255 |
| Next 100,000 kWh per month | | | | 2.211 | 1.837 |
| Next 200,000 kWh per month | | | | 1.463 | 0.979 |
| Next 200,000 kWh per month | | | | 1.463 | 0.979 |
| Any further energy per month | | | | 1.463 | 0.979 |
| B - For Customers with consumption below 750 MWh per year | | | | | |
| Reference Service ¹ Provided: Normal Transmission and Distribution of Electricity for customers supplied at low voltage in the Tennant Creek network. | | | | | |
| | System Availability Charge | | | | c/kWh anytime |
| System Availability Charge Commercial: cents per day | 40.183 | | | | |
| Domestic: cents per day | 23.072 | | | | |
| Plus charges related to energy metered | | | | | |
| First 1,000 kWh per month (pro-rated per billing period) | | | | | 15.015 |
| Energy used above 1,000 kWh per month (pro-rated per billing period) | | | | | 13.915 |
| Street lighting and other unmetered supplies | | | | | 4.719 |

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

^[2] 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 2011-12

"Fee-based services"

| Service | Service Description | New Charge - Networks only (incl GST) |
|--|--|---------------------------------------|
| Additional Crew per person - per hour | Where additional crew is required at a service call for health, safety or security reasons - Business Hours | \$59.73 |
| Additional Crew per person - per hour | Where additional crew is required at a service call for health, safety or security reasons - After Hours | \$89.05 |
| 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 | \$119.51 |
| 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 | \$356.14 |
| Cable Location Charge | Identify the location of cables at the request of a customer - Business Hours | \$119.51 |
| Cable Location Charge | Identify the location of cables at the request of a customer - After Hours | \$356.14 |
| Conveyancer Easement Check | Per assessment cost of Power Networks confirming existing easements - Business Hours only | \$29.89 |
| Exchange or Replace a Meter (No CT & Single-Phase) | Exchange of one meter for another at the customer's request - Business Hours | \$119.51 |
| High Load Escort Administration Fee | Administration costs related to arranging for a permit to escort a load outside of existing designated routes | \$59.73 |
| Installation of Minor Apparatus | Installation of tiger tails, polyloggers and other minor equipment - Business Hours only | \$358.48 |
| Provision of Data | Provision of up to 12 months of old billing data or load profiles (where available) to customers or retailers | \$29.89 |

| Service | Service Description | New Charge - Networks only (incl GST) |
|---|--|--|
| Re-Connection (CT and No CT) | Reconnection after failure to pay - Business Hours | \$119.51 |
| Re-Connection (CT and No CT) | Reconnection after failure to pay - After Hours | \$356.14 |
| Rental of Minor Equipment (daily charge) | Rental cost per day for minor equipment (e.g. tiger tails) | \$0.57 |
| 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 Connection | New connection - Business Hours | \$59.73 |
| Service Establishment - New Connection | New connection - After Hours | \$178.10 |
| Special Meter Read | Reading of meter at customer's request - Business Hours only | \$11.69 |
| Special Meter Test - single phase (CT and No CT) | Testing of meter for single phase supply - Business Hours only | \$119.51 |
| Special Meter Test - three phase (CT and No CT) | Testing of meter for three phase supply - Business Hours only | \$214.50 |
| Temporary Disconnection - Low Voltage - No Dismantling (Overhead) | Temporary disconnection and reconnection of supply, with no dismantling of service required - Business Hours | \$119.51 |

| Service | Service Description | New Charge - Networks only (incl GST) |
|---|---|--|
| Temporary Disconnection - Low Voltage - No Dismantling (Overhead) | Temporary disconnection and reconnection of supply, with no dismantling of service required - After Hours | \$356.14 |
| 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 | \$239.02 |
| 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 | \$712.33 |
| Travel Costs - Rural 2 | Labour cost for travel 100+km from depot - Business Hours | \$119.51 |
| Travel Costs - Rural 2 | Labour cost for travel 100+km from depot - After Hours | \$178.10 |
| Wasted Truck Visit | Installation is not ready for connection on or after the date nominated by the electrical contractor | \$119.51 |
| 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) | \$29.89 |
| Exchange or Replace a Meter (No CT & 3-Phase) | Exchange of one meter for another at the customer's request - Business Hours | \$290.65 |
| Exchange Or Replace Meter (CT) | Exchange of one meter for another at the customer's request - Business Hours | \$296.64 |
| Exchange Or Replace Meter (No CT & Single-Phase) | Exchange of one meter for another at the customer's request - After Hours | \$145.47 |
| Exchange Or Replace Meter (No CT & 3-Phase) | Exchange of one meter for another at the customer's request - After Hours | \$316.60 |
| Exchange Or Replace Meter (CT) | Exchange of one meter for another at the customer's request - After Hours | \$387.91 |

| Service | Service Description | New Charge - Networks only (incl GST) |
|--|--|--|
| Move Meter (No CT) | Meter requires relocation. This service is undertaken at the customer or retailer's request - Business Hours only | \$111.24 |
| Move Meter (CT) | Meter requires relocation. This service is undertaken at the customer or retailer's request - Business Hours only | \$296.64 |
| Remove Meter (No CT) | Removal of a single redundant meter at the customer or retailer's request. This charge must not be used for a Supply Abolishment Service Order Request - Business Hours only | \$111.24 |
| Remove Meter (CT) | Removal of a single redundant meter at the customer or retailer's request. This charge must not be used for a Supply Abolishment Service Order Request - Business Hours only | \$296.64 |
| 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 | \$148.32 |
| Remove Fuse (No CT) | De-energisation at the fuse or meter - Business Hours only | \$55.62 |
| Remove Fuse (CT) | De-energisation at the fuse or meter - Business Hours only | \$74.16 |
| 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 | \$74.16 |
| 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 | \$111.24 |
| Tamper Meter Inspection (No CT) | Inspection is required where supply or equipment tampering is suspected - Business Hours only | \$111.24 |
| Tamper Meter Inspection (CT) | Inspection is required where supply or equipment tampering is suspected - Business Hours only | \$222.48 |
| Change Tariff (CT and No CT) | Changes to tariff that requires meter reprogramming - Business Hours only | \$55.62 |

| Service | Service Description | New Charge - Networks only (incl GST) |
|--|---|--|
| 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 | \$74.16 |
| 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 | \$148.32 |
| 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 | \$444.96 |
| 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 | \$667.43 |
| Overhead Service Upgrade - 1 Visit | To upgrade an existing overhead service at customer's request - Business Hours only | \$444.96 |
| Overhead Service Upgrade - 2 Visits | To upgrade an existing overhead service at customer's request - Business Hours only | \$889.91 |
| Prepayment Meter Installation | Installation of Prepayment Meter at customer or Retailer's request - Business Hours only | \$399.32 |
| 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 | \$356.54 |
| 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 | \$236.74 |
| 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 | \$407.88 |
| 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 | \$436.40 |
| Temporary Supply Service (No CT & Single- Phase) | New Temporary Connection of Service at customer's request - Business Hours only | \$536.25 |

| Service | Service Description | New Charge - Networks only (incl GST) |
|---|--|--|
| Temporary Supply Service (No CT & 3-Phase) | New Temporary Connection of Service at customer's request - Business Hours only | \$715.00 |
| Temporary Supply Service (CT) | New Temporary Connection of Service at customer's request - Business Hours only | \$715.00 |
| Streetlight Repairs and Maintenance (LW 1-100) | Annual repairs & maintenance charge per streetlight of streetlights within the 1-100 light wattage category | \$101.26 |
| Streetlight Repairs and Maintenance (LW 101-200) | Annual repairs & maintenance charge per streetlight of streetlights within the 101-200 light wattage category | \$110.89 |
| Streetlight Repairs and Maintenance (LW 201-300) | Annual repairs & maintenance charge per streetlight of streetlights within the 201-300 light wattage category | \$129.24 |
| Streetlight Repairs and Maintenance (LW 301-400) | Annual repairs & maintenance charge per streetlight of streetlights within the 301-400 light wattage category | \$138.60 |
| Streetlight Repairs and Maintenance (LW 1000) | Annual repairs & maintenance charge per streetlight of 1000 watt streetlights | \$163.11 |
| 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 | \$73.00 |
| 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 | \$386.11 |
| 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 | \$397.11 |
| 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 | \$432.02 |
| 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 | \$460.44 |

| Service | Service Description | New Charge - Networks only (incl GST) |
|---|--|--|
| 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 | \$422.15 |
| 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 | \$453.77 |
| 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 | \$465.76 |
| 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 | \$505.08 |
| 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 | \$504.03 |
| 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 | \$543.36 |
| 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 | \$606.34 |
| 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 | \$830.58 |
| Photovoltaic (PV) Installation Charge (Single Phase) | Supply and install Single Phase PV meter at customer's request - Business Hours only | \$500.59 |
| Photovoltaic (PV) Installation Charge (Three Phase) | Supply and install Three Phase PV meter at customer's request - Business Hours only | \$644.14 |

Alternative Control Service Price Schedule 2011-12

"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.