



## **Aurora Energy – Distribution Tariffs**

Network Tariffs for Period 4 – 1 July 2010 to 30 June 2011

**As Approved by the Regulator**

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**REVIEW DATE**

*This document is due for review not later than 30 April 2011*

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**AUDIT**

*Periodic audits to establish conformance with this document will be conducted by Aurora's Commercial Management Group.*

**COMPLIANCE**

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**AURORA ENERGY PTY LTD****Network Tariffs – Period 4**

## Version History

<b>Version No</b>	<b>Date of Revision</b>	<b>Authorised By</b>	<b>Details of Amendment</b>
1.0	April 2010	Network Regulation Manager	Initial Version
2.0	May 2010	Group Manager – Commercial Management	Final Version
2.0	May 2010	General Manager - Network	Approved for publication
3.0	Feb 2011	Group Manager – Commercial Management	Approved for publication

Amendments to each version of this document will be tracked through Aurora's document management system.

**GST**

All rates and prices in this document do not include GST.



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## 1. Distribution Tariffs

### 1.1. LV General – Residential

Aurora Code - N01 MSATS Code - AURESGEN	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	36.567 c/day
First 500kWh per Quarter	8.146 c/kWh
Next 1000kWh per Quarter	7.535 c/kWh
Remaining Consumption	7.331 c/kWh
<b>TUoS Charge</b>	
First 500kWh per Quarter	3.725 c/kWh
Next 1000kWh per Quarter	3.445 c/kWh
Remaining Consumption	3.352 c/kWh
<b>Meter Charge</b>	
Daily Charge	7.993 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	44.560 c/day
First 500kWh per Quarter	11.870 c/kWh
Next 1000kWh per Quarter	10.980 c/kWh
Remaining Consumption	10.683 c/kWh

Table 1 – Residential Customer Network Pricing

### 1.2. LV General– Commercial

Aurora Code - NO2 MSATS Code - AUBLVGEN	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	36.567 c/day
First 500kWh per Quarter	8.422 c/kWh
Remaining Consumption	7.331 c/kWh
<b>TUoS Charge</b>	
First 500kWh per Quarter	4.170 c/kWh
Remaining Consumption	3.352 c/kWh
<b>Meter Charge</b>	
Daily Charge	11.545 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	48.112 c/day
First 500kWh per Quarter	12.592 c/kWh
Remaining Consumption	10.683 c/kWh

Table 2 – Commercial Customer Network Pricing

### 1.3. General Network – Nursing Home (Obsolete)

Aurora Code - NO2a MSATS Code - AUBLVNURSE	2010/11 Tariff
DUoS Charge	
Daily Charge	36.567 c/day
First 500kWh per Quarter	8.286 c/kWh
Remaining Consumption	3.729 c/kWh
TuoS Charge	
First 500kWh per Quarter	2.987 c/kWh
Remaining Consumption	2.218 c/kWh
Meter Charge	
Daily Charge	11.545 c/day
Total Charge (NUoS)	
Daily Charge	48.112 c/day
First 500kWh per Quarter	11.273 c/kWh
Remaining Consumption	5.947 c/kWh

Table 3 – Nursing Home Customer Network Pricing

### 1.4. General Network – Curtilage Customer (Obsolete)

Aurora Code - NO2b MSATS Code - AUBLVCURT	2010/11 Tariff
DUoS Charge	
Daily Charge	7.313 c/day
First 500kWh per Quarter	8.422 c/kWh
Remaining Consumption	7.331 c/kWh
TuoS Charge	
First 500kWh per Quarter	4.170 c/kWh
Remaining Consumption	3.352 c/kWh
Meter Charge	
Daily Charge	11.545 c/day
Total Charge (NUoS)	
Daily Charge	18.858 c/day
First 500kWh per Quarter	12.592 c/kWh
Remaining Consumption	10.683 c/kWh

Table 4 – Curtilage Customer Network Pricing

### 1.5. Uncontrolled Energy

Aurora Code - N05 MSATS Code - AUHEATUNCO	2010/11 Tariff
DUoS Charge	
Daily Charge	3.657 c/day
All Energy	1.433 c/kWh
TUoS Charge	
All Energy	2.217 c/kWh
Meter Charge	
Daily Charge	7.933 c/day
Total Charge (NUoS)	
Daily Charge	11.590 c/day
All Energy	3.650 c/kWh

Table 5 – Uncontrolled Energy Network Pricing

### 1.6. Controlled Energy (Afternoon Boost)

Aurora Code - N06 MSATS Code - AUHEATCONT	2010/11 Tariff
DUoS Charge	
Daily Charge	7.180 c/day
All Energy	0.365 c/kWh
TUoS Charge	
All Energy	0.625 c/kWh
Meter Charge	
Daily Charge	8.133 c/day
Total Charge (NUoS)	
Daily Charge	15.313 c/day
All Energy	0.990 c/kWh

Table 6 – Controlled Energy Network Pricing

### 1.7. Controlled Energy (Off-Peak)

Aurora Code - N06a MSATS Code - AUHEATCONN	2010/11 Tariff
DUoS Charge	
Daily Charge	7.180 c/day
All Energy	0.347 c/kWh
TUsS Charge	
All Energy	0.594 c/kWh
Meter Charge	
Daily Charge	8.133 c/day
Total Charge (NUoS)	
Daily Charge	15.313 c/day
All Energy	0.941

Table 7 – Controlled Energy Network Pricing

### 1.8. Pay As You Go (Obsolete)

Aurora Code - N13 MSATS Code - AUPAYG	2010/11 Tariff
DUoS Charge	
Daily Charge	36.567 c/day
All Energy	4.554 c/kWh
TUsS Charge	
All Energy	2.206 c/kWh
Total Charge (NUoS)	
Daily Charge	36.567 c/day
All Energy	6.760 c/kWh

Table 8 – APAYG Customer Network Pricing

### 1.9. LV General Time of Use – Residential

Aurora Code - N13r MSATS Code - AURESTOU	2010/11 Tariff
<b>DuoS Charge</b>	
Daily Charge	36.567 c/day
Peak Energy	7.840 c/kWh
Shoulder Energy	4.850 c/kWh
Off-Peak Energy	0.365 c/kWh
<b>TUoS Charge</b>	
Peak Energy	3.445 c/kWh
Shoulder Energy	2.317 c/kWh
Off-Peak Energy	0.625 c/kWh
<b>Meter Charge</b>	
Daily Charge	9.816 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	46.383 c/day
Peak Energy	11.286 c/kWh
Shoulder Energy	7.167 c/kWh
Off-Peak Energy	0.990 c/kWh

Table 9 – LV General Time of Use Residential Customer Network Pricing

### 1.10. LV General Time of Use – Commercial

Aurora Code - N13b MSATS Code - AUBUSTOU	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	36.567 c/day
Peak Energy	7.840 c/kWh
Shoulder Energy	4.850 c/kWh
Off-Peak Energy	0.365 c/kWh
<b>TUoS Charge</b>	
Peak Energy	3.445 c/kWh
Shoulder Energy	2.317 c/kWh
Off-Peak Energy	0.625 c/kWh
<b>Meter Charge</b>	
Daily Charge	14.688 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	51.255 c/day
Peak Energy	11.286 c/kWh
Shoulder Energy	7.167 c/kWh
Off-Peak Energy	0.990 c/kWh

Table 10 – LV General Time of Use Commercial Customer Network Pricing

### 1.11. LV Metered kW Demand (Obsolete)

Aurora Code - N03 MSATS Code - AUBLVDMKW	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	196.300 c/day
All Energy Charge	1.765 c/kWh
First 250kW Demand	30.933 c/kW/day
Additional Demand	27.885 c/kW/day
<b>TUoS Charge</b>	
All Energy Charge	0.963 c/kWh
First 250kW Demand	26.339 c/kW/day
Additional Demand	23.737 c/kW/day
<b>Meter Charge</b>	
Daily Charge	14.687 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	210.987 c/day
All Energy Charge	2.728 c/kWh
First 250kW Demand	57.272 c/kW/day
Additional Demand	51.622 c/kW/day

Table 11 – LV kW Demand Network Pricing

### 1.12. LV Metered kVA Demand

Aurora Code - N09 MSATS Code - AUBLVDMKVA	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	178.455 c/day
All Energy Charge	1.605 c/kWh
First 250kVA Demand	23.903 c/kVA/day
Additional Demand	21.547 c/kVA/day
<b>TUoS Charge</b>	
All Energy Charge	0.876 c/kWh
First 250kVA Demand	20.353 c/kVA/day
Additional Demand	18.342 c/kVA/day
<b>Meter Charge</b>	
Daily Charge	14.687 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	193.142 c/day
All Energy Charge	2.480 c/kWh
First 250kVA Demand	44.256 c/kVA/day
Additional Demand	39.890 c/kVA/day

Table 12 – LV kVA Demand Network Pricing

### 1.13. HV Metered kW Demand (Obsolete)

Aurora Code - N11 MSATS Code - AUBHVDMKW	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	134.468 c/day
All Energy Charge	0.110 c/kWh
Demand Charge	28.450 c/kW/day
<b>TUoS Charge</b>	
All Energy Charge	1.473 c/kWh
Monthly Demand Charge	2.638 c/kW/day
<b>Meter Charge</b>	
Daily Charge	63.800 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	198.268 c/day
All Energy Charge	1.582 c/kWh
Monthly Demand Charge	31.089 c/kW/day

Table 13 – HV kW Demand Network Pricing

### 1.14. HV Metered kVA Demand

Aurora Code - N10 MSATS Code - AUBHVDMKVA	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	122.244 c/day
All Energy Charge	0.100 c/kWh
Demand Charge	21.984 c/kVA/day
<b>TUoS Charge</b>	
All Energy Charge	1.339 c/kWh
Demand Charge	2.039 c/kVA/day
<b>Meter Charge</b>	
Daily Charge	63.800 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	186.044 c/day
All Energy Charge	1.439 c/kWh
Demand Charge	24.023 c/kVA/day

Table 14 – HV kVA Demand Network Pricing

### 1.15. Irrigation (Obsolete)

Aurora Code - N08 MSATS Code - AUIRRIG	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	175.721 c/day
Day Energy Charge	8.422 c/kWh
Night Energy Charge	0.365 c/kWh
<b>TUoS Charge</b>	
Day Energy Charge	4.170 c/kWh
Night Energy Charge	0.625 c/kWh
<b>Meter Charge</b>	
Daily Charge	14.349 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	190.070 c/day
Day Energy Charge	12.592 c/kWh
Night Energy Charge	0.990 c/kWh

Table 15 – Irrigation Customer Network Pricing

### 1.16. Irrigation, Time of Use

Aurora Code - N08a MSATS Code - AUIRRIGTOU	2010/11 Tariff
DUoS Charge	
Daily Charge	158.830 c/day
Peak Energy	8.422 c/kWh
Shoulder Energy	5.199 c/kWh
Off-Peak Energy	0.365 c/kWh
TuoS Charge	
Peak Energy	4.170 c/kWh
Shoulder Energy	2.742 c/kWh
Off-Peak Energy	0.600 c/kWh
Meter Charge	
Daily Charge	14.688 c/day
Total Charge (NUoS)	
Daily Charge	173.518 c/day
Peak Energy	12.592 c/kWh
Shoulder Energy	7.941 c/kWh
Off-Peak Energy	0.965 c/kWh

Table 16 – Irrigation Time of Use Customer Network Pricing

### 1.17. Unmetered Supplies

Aurora Code - N07 MSATS Code - AUUMS	2010/11 Tariff
DUoS Charge	
Daily Charge	27.425 c/day
All Energy Charge	9.264 c/kWh
TuoS Charge	
All Energy Charge	4.587 c/kWh
Total Charge (NUoS)	
Daily Charge	27.425 c/day
All Energy Charge	13.851 c/kWh

Table 17 – Unmetered Customer Network Pricing

### 1.18. Streetlight

Aurora Code - N20 MSATS Code - AUUMSSL	2010/11 Tariff
DUoS Charge	
Demand Charge	0.079 c/lamp watt/day
TUoS Charge	
Demand Charge	0.035 c/lamp watt/day
Total Charge (NUoS)	
Demand Charge	0.114 c/lamp watt/day

Table 18 – Streetlight Use of System Network Pricing

Note: Does not include charge for light fitting.

## **2. Specified Demand Tariffs**

For customers on Specified Demand Network Tariffs (N10s & N15) the following rules apply:

Customers are able to agree a 'Specified Demand' for their electrical installation. Once set, this value of demand is charged for the next twelve months, if however the Specified Demand is exceeded the 'Excess Charge' is also applied to the exceeded portion of the demand charge for the billing period.

Renegotiation of the Specified Demand is limited to one occurrence each twelve months or as otherwise agreed with Aurora. Aurora requires two months notice for a Specified Demand reset.

### **2.1. HV Specified kVA Demand (N10s)**

The demand-based charges for an installation on the Specified Demand Network Tariff N10s is to be calculated monthly as follows:

- a) the monthly demand-based charge is the sum of the daily demand-based charges for the month;
- b) the daily demand-based charges are:
  - (i) if any daily ATMD in the month is less than or equal to 100% of the Nominated Demand, the demand charge for the day will be equal to the specified demand multiplied by the specified demand rate; or
  - (ii) if the daily ATMD is greater than the Nominated Demand, but not greater than 120% of the Nominated Demand, then the demand charge for the day will be the maximum demand multiplied by the specified demand rate; or
  - (iii) if any daily maximum demand in the month is greater than the Nominated Demand by 120%, the daily demand charge will be the sum of:
    - 120% of the specified demand multiplied by the specified demand rate; and
    - the difference between the maximum demand and 120% of the specified demand multiplied by the excess demand rate.

### **2.2. HV Specified kVA Demand (N15)**

The demand-based charges for an installation on the Specified Demand Network Tariff N15 is to be calculated monthly as follows:

- a) the monthly demand-based charge is the sum of the daily demand-based charges for the month;
- b) the daily demand-based charges are:

- (i) if any daily ATMD in the month is less than or equal to 100% of the Nominated Demand, the demand charge for the day will be equal to the specified demand multiplied by the specified demand rate; or
- (ii) if any daily maximum demand in the month is greater than the Nominated Demand, the daily demand charge will be the sum of:
  - the specified demand multiplied by the specified demand rate; and
  - the difference between the maximum demand and the specified demand multiplied by the excess demand rate.

### 2.3. HV Specified kVA Demand, Time of Use Energy

Aurora Code - N10s MSATS Code - AUHVSPECDM	2010/11 Tariff
<b>DUoS Charge</b>	
Daily Charge	122.244 c/day
Peak Energy	0.090 c/kWh
Shoulder Energy	0.072 c/kWh
Off-Peak Energy	0.045 c/kWh
Specified Daily Demand Charge	16.488 c/kVA/day
Excess Demand Charge	164.883 c/kVA/day
<b>TUoS Charge</b>	
Peak Energy	1.205 c/kWh
Shoulder Energy	0.961 c/kWh
Off-Peak Energy	0.596 c/kWh
Specified Daily Demand Charge	1.529 c/kVA/day
Excess Demand Charge	15.290 c/kVA/day
<b>Meter Charge</b>	
Daily Charge	0.000 c/day
<b>Total Charge (NUoS)</b>	
Daily Charge	122.244 c/day
Peak Energy	1.295 c/kWh
Shoulder Energy	1.033 c/kWh
Off-Peak Energy	0.641 c/kWh
Specified Daily Demand Charge	18.017 c/kVA/day
Excess Demand Charge	180.172 c/kVA/day

Table 19 – HV Specified kVA Demand Network Pricing

## 2.4. HV Customers with Demand in excess of 2MVA

Aurora Code - N15 MSATS Code - AUCHVDM2	2010/11 Tariff
<b>DUoS</b>	
Daily Charge	16.550 \$/day
Specified Demand Charge	8.228 c/kVA/day
Excess Demand Charge	41.141 c/kVA/day
Peak Energy Charge	1.295 c/kWh
Shoulder Energy	0.351 c/kWh
Off-Peak Energy	0.045 c/kWh
<b>Connection</b>	
Specified Demand Charge	0.299 c/kVA/day
Excess Demand Charge	1.493 c/kVA/day
<b>Meter Charge (if applicable)</b>	
Daily Charge	0.000 c/day
<b>Transmission Charge</b>	
Specified Demand Charge	As per nodal charge in table 21
Excess Demand Charge	5 x nodal charge

Table 20 – HV Customers > 2MVA Demand Network Pricing

## 3. Standard Transmission Charges

Average nodal connection charges have been based on demand. Transend' Networks schedule of charges for 2010-11 is reproduced in the following table.

Hobart (Virtual) is based on the following connection sites: Chapel Street, Creek Road, Lindisfarne, North Hobart, Risdon and Rokeby.

Tamar (Virtual) is based on the Norwood, Trevallyn, Mowbray, George Town and Hadspen connection sites.

As per Pricing Proposal dated as at April 2010, under section 3.22 Aurora Distribution has updated its 2010/11 Transmission prices as received from Transend.

**Transmission Charges 2010/11**

Connection Site	TNI	Daily Charge (c/kVA) 2010/11
Arthurs Lake	TAL2	20.50
Avoca	TAV2	30.92
Bridgewater	TBW2	21.29
Burnie	TBU3	20.06
Derby	TDE2	51.73
Derwent Bridge	TDB2	161.23
Devonport	TDP2	24.41
Electrona	TEL2	31.24
Emu Bay	TEB2	24.60
Kermandie	TKE2	44.30
Kingston	TKI2	20.04
Knights Rd	TKR2	28.57
Meadowbank	TMB2	28.15
New Norfolk	TNN2	24.16
Newton	TNT2	42.35
Palmerston	TPM3	27.47
Port Latta	TPL2	29.36
Queenstown	TQT2	36.81
Railton	TRA2	21.14
Rosebery	TRB2	23.21
Savage River	TSR2	25.06
Scottsdale	TSD2	46.26
Smithton	TST2	30.67
Sorell	TSO2	26.38
St Marys	TSM2	31.98
Triabunna	TTB2	46.13
Tungatinah	TTU2	103.13
Ulverstone	TUL2	22.30
Waddamana	TWA2	67.69
Wesley Vale	TWV2	26.43
Hobart Virtual	TVN1	21.07
Tamar Virtual	TVN2	19.71

Table 21. 2010/11 Transmission Charges