

**AUSTRALIAN CAPITAL TERRITORY  
ELECTRICITY AND WATER ACT 1988  
DETERMINATION OF CHARGES  
NO 55 OF 1990**

**DETERMINATION:**

The Australian Capital Territory Electricity and Water Authority (ACTEW) in pursuance of Section 48 of the Electricity and Water Act 1988, makes the following determination fixing the charges that are to be payable to ACTEW for, or in connection with the supply of electricity, with effect from 1 September 1990.

1. **GENERAL**

- 1.1 This Determination prescribes the monetary rates of charges that are payable to ACTEW for or in connection with the supply of electricity to consumers.
- 1.2 Meter readings (other than readings taken at the termination of supply) shall be taken to the nearest ten kilowatt hours.

- 1.3 The charge applicable for supply to each installation shall be in accordance with the following classification of premises, places and purposes:
- 1.3.1 **Domestic Charge** shall be applicable to installations at dwellings including dwellings subsidiarily used for medical or dental practice; residential convents and charitable homes; boarding schools; churches used for public worship; and public light and power in these premises;
  - 1.3.2 **Farm Charge** shall be applicable to installations at premises or properties used mainly for primary production;
  - 1.3.3 **Community Services Charge** shall be applicable to installations at premises or properties which are used wholly or principally for community benefit and which are owned or operated by non-profit organisations. Organisations covered by this rate are Scout and Guide Halls; Community Halls and Church Halls used by non-profit organisations; centres for the use of the aged, infirm, destitute or physically handicapped; but not including educational institutions and hospitals;
  - 1.3.4 **General Charge** shall be applicable to installations not included in the preceding subparagraphs, "Domestic Charge", "Farm Charge" and "Community Services Charge", provided that special rates shall be applicable to particular premises and appliances as hereinafter provided, and for special apparatus or equipment wherever located;
  - 1.3.5 **Off-Peak Charge 1** (the "New Age" charge) shall be applicable to appropriately designed, sized and installed water heater storage units with 2 elements in residential dwellings.
    - 1.3.5.1 Units must be approved, permanently installed and for which a test certificate has been issued indicating compliance with Australian Standard 1056; with twin elements; operation via the main element is for a minimum of 6 hours and a maximum of 8 hours within any one day, between 2200 hours (10.00 pm) and 0700 hours (7.00 am). The actual settings on the time switch will be nominated by ACTEW. Times referred to are in Australian Eastern Standard Time;

- 1.3.5.2 Rated delivery shall be not less than 250 litres, but units shall be sized according to the table below to match the house size;
- 1.3.5.3 The main lower element shall be normally energised at the prescribed off-peak hours whereas the upper booster element will take supply only when the rising level of cold inlet water activates its thermostat;
- 1.3.5.4 Elements must be interlocked, i.e., not simultaneous operation. Supply to the top booster element will be available at the same charge during the remaining hours of the day if required;
- 1.3.5.5 This charge applies to single unit residential premises i.e., separately metered, self-contained private dwellings supplied at Domestic Charge;
- 1.3.5.6 Minimum Storage of Water Heaters:

House size Potential Bedrooms	Minimum Delivery Rate litres	Main Elements kW	Booster Element kW
Up to 2	250	4.8	4.8
3	315	4.8	4.8
4 or more	400	4.8	4.8

(A Potential Bedroom is deemed to be a room defined as a bedroom by the ACT Building Manual.)

- 1.3.6 **Off-Peak Charge 2** (the normal off-peak charge) shall be applicable to heat storage devices which absorb their major energy during off-peak times, but which may be boosted at normal charge at other times:
- 1.3.6.1 Water heating storage units not qualifying for the Off-Peak Charge 1 (the New Age Charge) in residential dwellings. Heaters may have main or main and booster elements but any top booster element will have to be

connected to the principal charge; water heating storage units must be permanently installed not less than 160 litre rated delivery, for which a test certificate has been issued indicating compliance with Australian Standard 1056;

- 1.3.6.2 Water heating storage units where electricity is used to supplement other forms of energy (e.g., solar);
  - 1.3.6.3 Controlled space heating including under floor concrete slab designed with adequate capacity;
  - 1.3.6.4 Space heating units for this charge should have controlled outputs as no boosting periods during the day are allowed on this charge. Any boosting must be at the relevant principal charge;
  - 1.3.6.5 Times of operation will be for a minimum of 6 hours and a maximum of 8 hours in any one day, between 2200 hours (10.00 pm) and 0700 hours (7.00 am). The actual settings on the time switch will be nominated by ACTEW. Times referred to are in Australian Eastern Standard Time. No boosting during the remaining hours of the day will be allowed on this charge. Any boosting must be at the relevant principal charge;
  - 1.3.6.6 Charge only applies to single unit residential premises i.e., separately metered, self-contained private dwellings supplied at the Domestic Charge.
- 1.3.7 **Off-Peak Charge 3.** (for existing customers on this charge only)
- 1.3.7.1 Off-Peak Water Heating Charge shall be applicable to approved, permanently installed storage water heaters for which a test certificate has been issued indicating compliance with Australian Standard 1056 and where consumption is restricted to a total of 13 hours in any one day. The said 13 hours shall be comprised of 8 hours

between 2000 hours (8.00 pm) and 0700 hours (7.00 am) and 5 hours between 0900 hours (9.00 am) and 1700 hours (5.00 pm). The actual settings on the time switch will be nominated by ACTEW. Times referred to are in Australian Eastern Standard Time. Rated delivery shall not be less than 160 litres and the element rating shall not exceed 3.6 kW for units with rated delivery up to and including 250 litres. For larger tanks the element shall not exceed 15.25 watts per litre of rated delivery. Booster elements are not permitted. This charge shall only apply when used in conjunction with Domestic, Farm, Community Services or General Charge (this option available only to existing Off-Peak Water Heating customers on this charge);

1.3.7.2 Supplementary Off-Peak Water Heating charge shall be applicable only to approved, permanently installed storage water heaters where electricity is used to supplement other forms of energy and where consumption is restricted to a total of 13 hours in any one day. The said 13 hours shall be comprised of 8 hours between 2000 hours (8.00 pm) and 0700 hours (7.00 am) and 5 hours between 0900 hours (9.00 am) and 1700 hours (5.00 pm). The actual settings on the time switch will be nominated by ACTEW. Times referred to are in Australian Eastern Standard Time. The element rating shall not exceed 3.6 kW for units with rated delivery up to and including 250 litres. For larger tanks the element shall not exceed 15.25 watts per litre of rated delivery. This charge shall only apply when used in conjunction with Domestic, Farm, Community Services or General Charge (this option available only to existing Supplementary Off-Peak Water Heating customers on this charge);

- 1.3.7.3 Off-Peak Space Heating charge shall be applicable to approved, permanently installed storage space heaters, including under-floor concrete slab heating systems designed with adequate capacity, where consumption is restricted to a total of 13 hours in any one day. The said 13 hours shall be comprised of 8 hours between 2000 hours (8.00 pm) and 0700 hours (7.00 am) and 5 hours between 0900 hours (9.00 am) and 1700 hours (5.00 pm). The actual settings on the time switch will be nominated by ACTEW. Times referred to are in Australian Eastern Standard Time. This charge shall only apply when used in conjunction with Domestic, Farm, Community Services or General Charge (this option available only to existing Off-Peak Space Heating customers on this charge);
- 1.3.8 **"Existing"** off-peak customers are defined as:
- 1.3.8.1 Those who are already connected to the system and supplied at Off-Peak Charge 3; or
- 1.3.8.2 those with small meter boards on single phase supply who have installed large hot water tanks on our recommendation with the intention of converting to Off-Peak Charge 3 when the new electronic meter becomes available and who have notified ACTEW of this intention.
- 1.3.9 **Streetlighting Charge** shall be applicable to the lighting of streets and public ways and places;
- 1.3.10 **Temporary Supply** (e.g. for building purposes) may be rendered at the discretion of ACTEW provided that ACTEW shall estimate the cost for single or three phase installation, of installing, dismantling, connecting, disconnecting and inspecting mains, lines and apparatus, the cost so estimated, shall be lodged before connection will be effected, and the rate chargeable for power used shall be at the General Charge;

- 1.3.11 **Demand Charge** Subject to an applicant first demonstrating his need for supply, and to installation by him at his premises at his own cost of all necessary equipment together with adequate accommodation for the installation and proper maintenance of that installation all to the satisfaction of ACTEW, Time of Use Demand (or obsolete Maximum Demand) supply may be made available to that installation:
- 1.3.11.1 High Voltage Time of Use Demand Charge may be available to existing consumers on the High Voltage Maximum Demand Charge and to consumers taking supply at a nominal voltage of 11,000 volts whose maximum demand exceeds 750 kVA in any one month;
  - 1.3.11.2 Low Voltage Maximum Demand Charge (obsolete) may be available only to existing consumers on the Low Voltage Maximum Demand Charge where such consumers take supply at a nominal voltage of 415/240 volts and where the maximum demand exceeds 200 kVA in any one month.
  - 1.3.11.3 Low Voltage Time of Use Demand Charge may be available to existing consumers on the Low Voltage Maximum Demand Charge - Optional (Time of Use) and to consumers taking supply at a nominal voltage of 415/240 volts whose maximum demand exceeds 200 kVA in any one month.
- 1.3.12 **Peak Hours Period** is defined as from 0700 hours (7.00 am) to 0900 hours (9.00 am) and from 1700 hours (5.00 pm) to 2000 hours (8.00 pm) on working weekdays.
- 1.3.13 **Shoulder Hours Period** is defined as from 0900 hours (9.00 am) to 1700 hours (5.00 pm) and from 2000 hours (8.00 pm) to 2200 hours (10.00 pm) on working weekdays.
- 1.3.14 **Off-Peak Hours Period** is defined as all other times.
- 1.3.15 Times referred to in this clause are Australian Eastern Standard Time or Summer Time as declared from time to time for the Australian Capital Territory.

1.3.16 **Application Charge** will apply to all new applications for supply of electricity.

**After-Hours Connection Charge.** A higher charge applies for applications lodged after 2.30pm on a working day where connection to supply is required prior to the next working day and for applications lodged after-hours requiring connection prior to business hours on the next working day.

Business Hours: 8.30 am to 4.45 pm, Monday to Friday with the exception of Public Holidays.

After-Hours: Outside Business Hours, Monday to Friday, all day Saturday, Sunday and Public Holidays.

2. **DOMESTIC**

The domestic charge shall be at the rate of:

First 100 kWh per month or part thereof	10.92c per kWh
All additional kWh	7.32c per kWh
Minimum Charge	33 kWh per month or part thereof

3. **FARM**

The farm charge shall be at the rate of:

First 100 kWh per month or part thereof	10.92c per kWh
Next 4900 kWh per month or part thereof	7.32c per kWh
All additional kWh	11.72c per kWh
Minimum charge	33 kWh per month or part thereof

4. **COMMUNITY SERVICES**

The community services charge shall be at the rate of:

First 100 kWh per month or part thereof	14.99c per kWh
Next 4900 kWh per month or part thereof	11.39c per kWh
All additional kWh	9.12c per kWh
Minimum charge	33 kWh per month or part thereof



5. GENERAL

The general charge shall be at the rate of:

First 100 kWh per month or part thereof	17.04c per kWh
Next 4900 kWh per month or part thereof	13.43 per kWh
All additional kWh	11.72c per kWh
Minimum Charge	33 kWh per month or part thereof

6. STREETLIGHTING

The streetlighting charge shall be at the rate of:

All kWh	8.95c per kWh
Minimum Charge	33 kWh per month or part thereof

7. OFF-PEAK 1

The off-peak 1 charge shall be at the rate of:

All kWh	3.66c per kWh
---------	---------------

8. OFF-PEAK 2

The off-peak 2 charge shall be at the rate of:

All kWh	3.66c per kWh
---------	---------------

9. OFF-PEAK 3

The off-peak 3 charge shall be at the rate of:

All kWh	3.66c per kWh
---------	---------------

10. DEMAND CHARGE

The time of use demand (or obsolete maximum demand) charge shall be at the rate of:

10.1 High Voltage Time of Use Demand

For maximum demand at any time a charge per month of	\$7.00 per kVA
For energy at peak times (as defined)	10.11c per kWh
For energy at shoulder times (as defined)	9.11c per kWh
For energy at off-peak times (as defined)	3.37c per kWh

The minimum chargeable Maximum Demand shall be 750 kilovolt Amperes each month at each point of supply at the demand rate.

10.2 Low Voltage Maximum Demand Charge (obsolete)

For maximum demand at any time a charge per month of \$7.56 per kVA

For energy at any time 8.27c per kWh

The minimum chargeable Maximum Demand shall be 200 kilovolt Amperes each month at each point of supply at the demand rate.

10.3 Low Voltage Time of Use Demand Charge

For maximum demand at any time a charge per month of \$7.56 per kVA

For energy at peak times (as defined) 11.29c per kWh

For energy at shoulder times (as defined) 10.28c per kWh

For energy at off-peak times (as defined) 3.66c per kWh

The minimum chargeable Maximum Demand shall be 200 kilovolt Amperes each month at each point of supply at the demand rate.

Maximum Demand shall be determined on a monthly basis by reference to recording meters or by resetting demand indicators to zero. Meters shall be read and accounts issued at monthly intervals.

11. MISCELLANEOUS CHARGES

<u>SERVICE</u>	<u>CHARGE</u>
Special Reading	\$ 16.00
Attendance (Debt Collection)	\$ 8.00 first visit, \$ 14.00 for each subsequent visit in any one year.
Reconnection Charge (After Disconnection for Non Payment)	\$ 8.00

Telemetric Services	
- Water Reservoirs	\$ 65.00 per annum
- Flood Warning Alarm Systems	\$ 93.00 per annum
Telephone Boxes -Lighting -(STD)	\$ 98.00 per annum
Cathodic Protection Rectifiers	\$109.00 per annum
Temporary Supply Installation	
- Single Phase not less than	\$100.00
- Three Phase not less than	\$110.00
Temporary Supply Inspection	\$ 5.00 per month
Change Position of Service Mains not less than	\$100.00
Installation Inspection - Retest	\$ 35.00
Meter Test (Deposit)	\$ 31.00
Dishonoured Cheque	\$ 15.00
Application/Connection - Business Hours	\$ 16.00
" " - After Hours	\$ 31.00