

# VICTORIA GOVERNMENT G A Z E T T E

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By Authority Jean Gordon Government Printer Melbourne

**SPECIAL**

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### *State Electricity Commission Act 1958*

### TARIFFS AND TERMS AND CONDITIONS OF SUPPLY

Pursuant to the Sixth Schedule of the *State Electricity Commission Act 1958*, the State Electricity Commission of Victoria hereby gives notice of the tariffs and the terms and conditions upon which the Commission supplies electricity to customers.

The expression "tariff" means herein a statement setting out the components to be taken into account and the methods to be employed in calculating the amounts to be paid to the supply undertaking by the customer. The expression "price" or "price structure" shall be deemed to have a meaning synonymous with the expression "tariff".

### SECTION A: TARIFFS

#### A1 Implementation

The following electricity tariffs will apply to accounts for meters scheduled for reading on or after—

- 1 July 1987 for customers supplied under Tariff P.
- 29 July 1988 for customers billed on a monthly basis other than Tariff P customers.
- 1 September 1988 for customers billed on a two-monthly basis.
- 28 September 1988 for customers billed on a quarterly basis.

#### A2 Domestic

##### A2.1 Residential Tariff GD and GR

First 120 kWh/quarter	23.15¢/kWh
Next 900 kWh/quarter	9.31 ¢/kWh
Balance	10.26¢/kWh

##### A2.2 Off-peak storage space heating tariff J8

All consumption	3.35¢/kWh
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Supply under Tariff J8 is available for seven hours nightly plus three hours each afternoon for permanently wired storage space heaters of approved types.

##### A2.3 Off-peak storage space heating tariff J6

All consumption	2.77¢/kWh
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Supply under Tariff J6 is available for seven hours nightly plus three hours each afternoon for permanently wired storage space heaters of approved types where supply is taken in conjunction with Y6.

##### A2.4 Off-peak storage water heating tariff Y8

All consumption	3.35¢/kWh
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Supply under Tariff Y8 is available for eight hours nightly for permanently wired storage water heaters of approved types.

##### A2.5 Off-peak load-managed water heating tariff Y6

All consumption	2.77¢/kWh
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Supply under tariff Y6 is available for six hours nightly for permanently wired storage water heaters of approved types meeting load management requirements.

##### A2.6 Minimum charge—on each rendered \$20.25/quarter

##### A2.7 Notes

1. Tariffs Y8 or J8 are available to Domestic and Commercial Residential Customers and to those customers who already take tariffs Y or J with tariffs B, E or N.

2. Tariff Y6 is available only to Domestic customers.

## A3 COMMUNITY SERVICE

## A3.1 Community Service Tariff N

Supply charge—on each account rendered  
\$10.15/month plus charges as follows:

## A3.1.1 Option 1

First 5000 kWh/month	12.73 ¢/kWh
Balance	11.40¢/kWh

## A3.1.2. Option 2

7 am to 11 pm—As for option 1	
11 pm to 7 am—all consumption	3.35 ¢/kWh
Meter rental	\$3.23/month

## A4 GENERAL PURPOSE LOW VOLTAGE

## A4.1 General Purpose Tariff E

Supply charge—on each account rendered  
\$10.15/month plus charges as follows:

## A4.1.1 Option 1

First 5000 kWh/month	19.46 ¢/kWh
Balance	10.98 ¢/kWh

## A4.1.2 Option 2

7 am to 11 pm—as for option 1	
11 pm to 7 am—all consumption	3.35 ¢/kWh
Meter rental	\$3.23/month

## A4.2 Commercial Residential Tariff G

Supply charge—on each account rendered  
\$10.15/month plus charges as follows:

First 5000 kWh/month	15.03 ¢/kWh
Balance	11.89 ¢/kWh

## A4.3 Off-Peak Storage Water and Space Heating Tariffs Y8 and J8

Available to commercial residential customers for storage water heating and storage space heating (see above under domestic)—

All consumption	3.35 ¢/kWh
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## A4.4 Metered Demand Tariff V

Energy price	3.73 ¢/kWh
Demand price	\$13.55/kW/month

The minimum chargeable demand is the higher of 100 kW or 60% of agreed demand.

## A4.5 Contract Demand Time-of-Use Tariff L

## Energy Prices

● Peak periods (7 am to 11 pm Monday to Friday)	
First 5000 kWh/month	15.03 ¢/kWh
Balance	9.34 ¢/kWh

● Off-peak periods (All times outside peak periods)	
All consumption	1.50 ¢/kWh

Demand Price	\$3.03/kW/month
Minimum chargeable demand	850 kW

## A4.6 Resale Prices

Prices for reselling (applicable to premises such as caravan parks where the proprietor is authorised under the Electric Light and Power

Act to charge customers for electricity actually used).

Resale price, all energy 12.00 ¢/kWh  
The above prices may be charged by proprietors after the first SEC meter reading of their premises following 30 June 1988.

## A4.7 SUPERSEDED PRICE STRUCTURES

Tariff F previously available has now been superseded and withdrawn as at 1 March 1988. Accounts for customers previously supplied under this price structure will be calculated by adding consumption formerly supplied under Tariff F to the principal pricing structure applicable to the installation.

## A5 GENERAL PURPOSE HIGH VOLTAGE

## A5.1 General Purpose Tariff E

Charges for low voltage Tariff E apply except that energy charges only (including Option 2) are reduced by 4%.

## A5.2 Contract Demand Time-of-Use Tariff H

	Option 1	Option 2	Option 3
Voltage levels (kV)	6.6, 11, 22	66	220; 330, 500
Energy Prices (¢/kWh)			
Peak Periods (7 am to 11 pm Monday to Friday)	6.95	5.30	5.06
Off-Peak Periods (All times outside peak periods)	1.24	1.09	1.05
Demand Price (\$/kW/mth)	4.43	5.40	5.41
Minimum Chargeable Demand (kW)	1 000	10 000	40 000

## A5.3 Efficient Energy Based Industry Tariff P

Available for supplies at 220 kV and higher voltages only, for contract periods of not less than 20 years. Other contractual terms by negotiation will include minimum contract demand requirements and provision for price escalation; and may include credit for interruptible supply. The rates stated are subject to price escalation which will be retrospectively applied from 1 July 1988 when official cost and price indices are available.

Energy Price	1.033 ¢/kWh
Demand Price	\$15.05/kW/month

These prices do not include the cost of provision of dedicated supply plant.

**A5.4 Metered Demand Tariff M**

Energy Price	2.52 ¢/kWh
Demand Price	\$16.56/kW/month

The minimum chargeable demand is the higher of 500kW or 60% of agreed demand.

Tariff M is available only to customers currently taking supply under that tariff.

**A6 STANDBY AND PARALLEL SUPPLIES**

Standby and Parallel Supplies will be given in accordance with the Supplementary Conditions for Parallel Operation and at the following prices:

**Tariff S**

	Option 1	Option 2	Option 3	Option 4
Voltage Levels (kV)	6.6, 11, 22	66	220, 330, 500	Low Voltage
<b>A6.1 STANDBY SUPPLY</b>				
Standby Demand Price (\$/kW/mth)	4.21	4.80	1.798	3.03
Energy Price (¢/kWh)				
• Peak Periods	7.80	6.51	6.839	9.34
• Off-Peak Periods	1.24	1.09	3.377	1.50

# The Option 3 standby energy price in off-peak periods is subject to price escalation which will be retrospectively applied from 1 July 1988 when official cost and price indices are available.

	Option 1	Option 2	Option 3	Option 4
Voltage Levels (kV)	6.6, 11, 22	66	220, 330, 500	Low Voltage

**A6.2 Buy Back Rates for Private Generation****Energy Price (¢/kWh)****A6.2.1 Normal Non-Firm Availability**

• Peak Periods	2.15	2.14	2.09	2.21
• Off-Peak Periods	0.90	0.88	0.86	0.91

**A6.2.2 Incentive Non-Firm Availability (Note 1)**

• Peak Periods	8.87	—	—	9.34
• Off-Peak Periods	1.42	—	—	1.50

**A6.2.3 Maximum Rates for Firm Availability (Note 2)**

• Peak Periods	6.31	6.24	6.10	6.61
• Off-Peak Periods	0.90	0.88	0.86	0.91

**A6.3 NOTES**

1. Incentive private generation buy back rates are available only for energy supplied from private sector generation using renewable energy or cogeneration of not more than 10 MW installed capacity. Eligibility for these rates applies only where a registration of interest with the State Electricity Commission of Victoria by a prospective private generator takes place by 31 August 1987 and also a contractual commitment is made by 30 June 1988 and subject to a maximum total of 150 MW of new committed plant.

2. Where the Buy Back Contract Demand as specified in the Supply Agreement is 10 MW or more, the State Electricity Commission of Victoria will negotiate rates for energy purchased from private generation at a price level dependent upon:

- the duration of the contract;

- the period of advance notice given by the private generator;
- the interconnection supply voltage;
- the location of the private generation in the transmission/distribution system; and
- the available capacity factor of the private generator.

3. The form and price level of the Buy Back Component price structure will be by agreement.

**A7 FARM****A7.1 Farm Tariff B:**

Supply Charge—on each account rendered \$30.45/quarter plus charges as follows:

**Option 1**

First 600 kWh/quarter	19.46 ¢/kWh
Next 14 400 kWh/quarter	14.23 ¢/kWh
Next 75 000 kWh/quarter	11.98 ¢/kWh
Balance	10.98 ¢/kWh

## Option 2

7 am to 11 pm—As for Option 1

11 pm to 7 am—All

Consumption 3.35 ¢/kWh

Meter Rental \$9.69/quarter

## A8 TRIAL

Trial pricing structures are available only by special agreement between the Supply Authority and customers selected by the Commission for participation in a trial program to evaluate suitability of a trial pricing structure for more general application.

Farm Contract Demand Time-of-Use (Low Voltage) Tariff L

Energy Prices

• Peak periods (7 am to 11 pm Monday to Friday)

First 5000 kWh/month 15.03 ¢/kWh

Balance 9.34 ¢/kWh

• Off-Peak Periods (All times outside peak periods)

All Consumption 1.50 ¢/kWh

Demand Price \$3.03/kW/month

Minimum Chargeable Demand 100 kW

## A9 PUBLIC LIGHTING

Charges to become effective commencing with service provided for the month of July 1988

## A9.1 Lanterns on Current Offer

Type and Rating of lantern	All Night \$pa	24 Hour Daily \$pa
Mercury 50W	68.76	—
Mercury 80W	71.28	—
Mercury 125W	90.00	—
Sodium 150W	177.84	237.96
Sodium 250W	211.68	313.92
Sodium 400W	286.20	—

A9.2 Lanterns NOT on Current Offer (for existing installations only)

Type and Rating of Lantern	All night \$pa	Special All night \$pa	24 Hour Daily \$pa
Incandescent 100W	178.56	186.96	328.92
Incandescent 150W	206.76	211.80	..
Incandescent 200W	217.80	226.68	..
Incandescent 300W	266.64	..	..
Incandescent 500W	335.04	361.32	..
Incandescent 750W	429.24	..	..
Flourescent 2×20W	68.76	70.92	101.52
Flourescent 3×20W	88.08	..	127.80
Flourescent 4×40W	191.52	..	..
Mercury 250W	201.96	..	..
Mercury 400W	249.48	..	..
Mercury (excluding pole) 700W	330.12	383.40	..
(including pole) 700W	416.52	..	..
Sodium 90W	169.56	..	221.04
Sodium 180W	221.76	..	..
Sodium (one lamp) 2×400W	313.68	..	..
Sodium (two lamps) 2×400W	430.20	..	..

## A9.3 Traffic Control Signals

Supply charge for each installation \$10.15 per month plus energy charge of 6.79 ¢/kWh.

## A9.4 Security Lighting

Domestic and Commercial Residential "Light Sentry".

2 × 20W flourescent or 50W mercury lamp \$27.30 per quarter (retained for existing installations only).

A9.5 Commercial, Industrial and Farm "Watchman Light".

Connection fee per light \$143.70 plus the following charges per lamp:

Lamp Size	Charge/Month
	\$
125W mercury lamp	8.35
250W mercury lamp	14.40
400W mercury lamp	20.40
150W sodium lamp	14.50
250W sodium lamp	17.25
400W sodium lamp	21.10

#### A9.6 Telecom Phone Cabinets

1 × 20W fluorescent, plus energy used by STD telephone (24 hour operation).

Provision of unmetered energy only \$28.68 per cabinet per year.

Provision of unmetered energy plus lamp maintenance \$108.72 per cabinet per year.

### SECTION B: STANDARD CONDITIONS FOR SUPPLY OF ELECTRICITY

The following conditions have been established to give a better understanding of how the State Electricity Commission (SEC) will help customers, and what, in turn, is expected of customers. This understanding will assist in enabling all customers to receive an effective and economical supply of electricity. Reference to "his" also includes the feminine and the plural.

These Supply Conditions include the following matters:

- 1 What are the SEC Obligations?
- 2 What are the Customer Obligations?
- 3 Supply Voltage and Frequency
- 4 Electricity Accounts
- 5 Application of Electricity Tariffs
- 6 Storage Water and Storage Space Heating Tariffs
- 7 Supplementary Conditions for Contract Demand Tariffs L and H
- 8 Supplementary Conditions for Parallel Operation

#### B1 WHAT ARE THE SEC OBLIGATIONS?

The SEC—

B1.1 will provide and maintain assets for the supply of electricity up to the Point of Supply. The Point of Supply is detailed in the Service and Installation Rules (available from the SEC), and is generally at the Customer's property boundary or where the SEC overhead service line attaches to the Customer's building or pole.

B1.2 will provide, for each new Customer, in a location to suit the SEC, metering and necessary ancillary equipment at its own cost.

B1.3 will make all reasonable efforts to provide a supply at the standard voltage and frequency but will not be liable for damages because of any irregularity of voltage or frequency or any failure of, or interruption to, supply, unless such is due to wilful negligence on the part of the SEC or its officers. (Accordingly it may be advisable for Customers to check that their house and contents insurance policy includes a clause to cover house electrical installation and appliances for lightning strikes and electrical accidents beyond the control of the SEC).

B1.4 will not disconnect supply to a Customer's premises—

- unless three day's written notice is given by either the SEC or the Customer of intention to terminate supply; or
- unless the Customer becomes in breach of his obligations under these Conditions in which case the SEC may disconnect without notice; or
- unless temporary disconnection is required by the SEC to facilitate maintenance or other works in the vicinity; or
- unless there is an event such as a major plant breakdown or shortage of electricity or other reasons which could endanger the safety and/or stability of the supply system.

B1.5 will be responsible for the clearance of trees from all SEC High Voltage lines on private property. However, the customer is responsible for the costs of clearing prior to the construction of a new line.

B1.6 will be sensitive to the environment and the amenity of the area but reserves the right to erect overhead sub-transmission lines in underground residential distribution areas if it becomes desirable for the future development of the electricity supply system.

B1.7 will provide advice on the application of various electricity supply tariffs available but the customer remains responsible for selecting the tariff(s) most appropriate to his needs.

#### B2 WHAT ARE THE CUSTOMER OBLIGATIONS?

The Customer—

B2.1 will pay, within the time specified on the account, for electricity and other services requested at the relevant prices which are from time to time notified by the SEC and published in the *Victoria Government Gazette*.

B2.2 will, if required by the SEC, make written application for connection of electricity supply to a premises, and where requested, will provide proof of identity.

B2.3 will not allow electricity supplied to him to be used other than at the premises to which he has requested supply.

B2.4 will not supply electricity to another person, company or council without the written approval of the SEC.

B2.5 will not allow electricity supplied under an off peak storage water or storage space heating tariff to be used for any other purpose.

B2.6 will advise the SEC in writing if electricity supplied under a domestic, community service or farm tariff is used in whole or in part for any other purpose. In this respect, the tariff under which electricity is supplied is shown on the Customer's electricity account.

B2.7 will not interfere or allow interference with SEC equipment on his premises.

B2.8 will at all times ensure that all trees on the occupied property are maintained clear of all low voltage electric lines servicing only that property. The SEC may, at any time, remove any tree, limb or other obstacle on the property which, in the opinion of the SEC, may endanger the safety or effective operation of any electric lines or apparatus. (Refer also to Code of Practice for Tree Clearing).

B2.9 will pay, upon demand, SEC costs of removal of any tree, etc, referred to in Item B2.8 above, or of making good any wilful or negligent damage to SEC equipment.

B2.10 will allow and maintain, to the satisfaction of the SEC, a safe, convenient and unhindered access to SEC equipment on his premises at all times, for SEC officers and equipment, for any purpose associated with the supply, metering or billing of electricity, or the inspection of the electrical installation, provided that official identification is produced on request.

B2.11 will provide and maintain on his premises any facility required by the SEC to protect SEC equipment.

B2.12 will maintain his electrical installation in a safe condition to the satisfaction of the SEC. (Refer SEC Wiring Regulations).

B2.13 will not allow persons other than Licensed Electrical Mechanics to perform any work on the electrical installation.

B2.14 will use the electricity supply in a manner which, in the judgement of the SEC, does not cause interference to either the supply to other Customers or to any third party.

B2.15 will pay to the SEC a Reconnection Fee prior to reconnection following a disconnection which was either requested by the Customer or which was the result of the Customer being in breach of his obligations under these Conditions.

B2.16 will, if required by the SEC—

- pay a Refundable Advance to secure future electricity accounts;

- enter into a contract in writing with the SEC where matters outside the scope of these conditions are required to be covered.

B2.17 will comply with all Acts, Regulations, Rules or Codes of Practice relating to the supply of electricity. Such Acts, Codes, etc, shall take precedence over these Conditions.

### B3 SUPPLY AND VOLTAGE FREQUENCY

B3.1 The standard frequency of supply is nominally 50 Hz.

B3.2 The standard voltages of supply are—

- for low voltage supplies, nominally 240/415/480 volts;
- for high voltage supplies, nominally 6.6 kV, 11 kV, 22 kV, 66 kV, 220 kV, 330 kV and 500 kV.

B3.3 Customers who elect to take supply at high voltage must do so at whichever nominal voltage is made available by the SEC.

B3.4 The SEC reserves the right to decide whether high voltage will be made available to any particular customer.

### B4 ELECTRICITY ACCOUNTS

B4.1 The SEC metering will be the basis of determining the electricity used for the calculation of accounts. The metering may include water meters in the case of central water heating systems. The recording of the meter(s) will be the prima facie evidence of electricity used.

Where the magnitude of the electricity account, or the accuracy of the SEC metering is questioned by the customer, the SEC will investigate the matter. If the metering is found to be outside the limits of  $\pm 2\frac{1}{2}\%$  an adjusted account will be rendered.

B4.2 Meters will normally be read and accounts rendered either monthly or quarterly, depending upon the SEC practice. The SEC may also read meters and render accounts at other than these specified intervals.

B4.3 In some circumstances accounts may be based upon estimated electricity usage or upon meter readings provided by the customer. In either event the amount owing will be adjusted by meter readings taken by the SEC at another time.

B4.4 Where an electricity account covers a period outside the normal billing period, the charges covering demand, energy, supply charge, minimum charge and meter rental will be adjusted on a pro rata basis.

B4.5 Accounts may involve charges for electricity, meter rental, and other matters ancillary to the service or supplying of electricity.

B4.6 Accounts and notices will be duly rendered or given if left at, or posted to, the address where electricity supply is connected, except where other prior arrangements are requested in writing and agreed to by the SEC.

B4.7 In cases of either undercharge or overcharge because of error or any other cause, retrospective correction may be made.

B4.8 Money owing to the SEC shall be due without further demand on the rendering of the account and shall be payable at the SEC office at 15 William Street, Melbourne. Payment may also be made at any SEC office or other place as notified on the account.

B4.9 Where an account is unpaid by the date specified on the account as the last date for payment, the SEC may charge interest on the unpaid amount from the date of issue of the account. The rate charged for such interest shall be 2% above the then current lending rate charged by the Commonwealth Bank of Australia to borrowers of amounts in excess of \$100 000, and compounded monthly.

#### B5 APPLICATION OF ELECTRICITY TARIFFS

B5.1 The Schedule of electricity prices specifies the various tariffs available to each type or classification of customer. These classifications are defined as follows:

- Domestic

Includes private houses and flats used exclusively for domestic purposes, boarding, apartment and special accommodation houses and other approved places of permanent residence.

- Community Service

Includes churches and those institutions and benevolent societies which are registered with the Health Department, Victoria, under the provisions of the Hospitals and Charities Act (e.g. public hospitals, benevolent homes and societies, child welfare institutions, pre-school centres, youth clubs and senior citizens clubs).

- General Purposes

Includes factories, shops, offices, professional rooms, public and municipal buildings, public water and sewerage pumping, schools and sporting complexes.

- Commercial Residential

Includes residential premises used for transient occupancy such as hospitals and guest houses, the residential parts of hotels, motels, residential clubs and caravan parks, and premises of a mixed domestic and non-domestic nature.

- Farm

Includes supply used in the production of plantlife or livestock for human consumption or

use, but excludes supply for public water pumping.

B5.2 Where electricity charges are based upon a maximum demand component of electricity use, the maximum demand will be based upon a resetting period of 15 minutes in each billing period.

B5.3 Where alternative tariffs or options of tariffs are available, customers may transfer by written request between such tariffs or options provided that:

- The customer must complete a minimum of 12 months on any tariff or option before reverting to a previous tariff or option.

- The SEC may require up to 3 months notice if the transfer does not involve any change in supply voltage.

- Where a change is required in the supply voltage any such change will be subject to negotiations with the SEC sufficiently early to allow any necessary work to be completed.

- Where a change of tariff necessitates the SEC changing metering facilities, the customer will pay the costs involved.

At all times the customer remains responsible for selecting the particular tariff most appropriate to his needs.

B5.4 The times nominated in the Schedule of Electricity Prices for off-peak or prescribed hours tariffs are Eastern Standard Time.

#### B6 STORAGE WATER AND STORAGE SPACE HEATING TARIFFS

B6.1 Prescribed hours water and space heating tariffs are available as follows:

- Six Hour heating period for "load managed" storage water heaters, in conjunction with Tariffs GD or GR and with element ratings and conditions as specified below.

- Eight Hour heating period for storage water heaters in conjunction with Tariffs G, GD or GR and with element ratings and conditions as specified below.

- Ten Hour heating period for storage space heaters in conjunction with Tariffs G, GD or GR under conditions as specified below.

B6.2 Electricity is made available under prescribed hours tariffs to storage heating elements during prescribed hours by means of a time switch or other form of control arranged and provided by the SEC.

B6.3 Booster elements, auxiliary elements, fans or pumps associated with water or space heaters supplied under a prescribed hours tariff shall normally be metered and charged under Tariff G, GD or GR as appropriate.

However, where a "load managed" water heater supplied on a 6 hour prescribed heating

period complies with sizing criteria as determined by the SEC, the booster element may be metered and charged under the prescribed hour tariff.

#### B6.4 Storage Water Heaters

(a) must be of a type and design for which the SEC has issued a test certificate indicating compliance with specified requirements of AS 1056 with regard to performance. Such approved water heaters carry a registered Testing Stamp or an SEC approved identification affixed by the manufacturer; and

(b) where only one water heater is installed, it must have a rated delivery of not less than 160 litres. Where additional or multiple heaters are installed in a premises the total of the individual rated deliveries of heaters supplied through a single meter shall not be less than 160 litres; and

(c) element ratings must be as follows:

Size of Heater (Litres Delivery)	Rating of Element (kw)		
	6 Hour Heating		
	Main	Booster (If fitted)	8 Hour Heating
31.5, 40, 50, 63	1.8	N/A	1.2
80, 100, 125	2.0	N/A	1.8
160	3.0	N/A	2.4
200	3.0	N/A	2.4
250	3.6	3.6	3.0
315	4.8	4.8	3.6
400 Single Element	6.0	—	4.8
400 Twin Element	4.8	4.8	—
500	2 × 3.6	N/A	2 × 3.0
630	2 × 4.8	N/A	2 × 3.6

#### B6.5 Storage Space Heaters

(a) must comply with SEC requirements with regard to type, design, and total element wattage in relation to thermal storage capacity; and

(b) each installation shall have a total storage input rating of not less than 2 kW.

#### B7 SUPPLEMENTARY CONDITIONS FOR CONTRACT DEMAND TARIFFS L AND H

These conditions apply to supply given under the Contract Demand Tariffs L and H for low and high voltage supplies respectively.

The Contract Demand is the level of demand which forms the basis of a demand charge to the customer over a full 12 months period. The level of Contract Demand is subject always to the necessary capacity being available in the supply Authority System.

##### B7.1 Initial Selection of Contract Demand

Prior to supply under these tariffs, the required level of maximum demand is established by

discussion between the Customer and the Supply Authority to ensure that the customer's needs are within the available capacity of the Supply Authority System.

The Contract Demand charged in each of the first three months operation shall be the higher of either:

- the Minimum Chargeable Demand quoted under the relevant tariff; or
- the actual metered maximum demand in each month.

At the end of the third month the level of Contract Demand will be negotiated. This re-negotiated Contract Demand will be not less than the maximum demand recorded in the third month; it may be less than the Minimum Chargeable Demand which takes precedence in billing, and it will apply for the following 12 months period and thereafter unless varied in accordance with these Conditions.

##### B7.2 Changes to Contract Demand

###### B7.2.1 Negotiated Changes

(a) Where a Customer requires an increase in Contract Demand, a written request should be made to the Supply Authority. The increased level of Contract Demand shall apply from the requested date or as near as possible thereafter, subject to any required work being completed by the Supply Authority.

(b) Temporary increases in Contract Demand may be available to the Customer to cover specific, short-term needs, such as for the commissioning of new plant, subject to:

- a minimum of 6 months written notice from the Customer; and
- prior agreement from the Supply Authority. Such agreement will be conditional upon the necessary capacity being available in the Supply Authority System. The actual times may need to be modified to meet Supply Authority capacity constraints—either local or main system.

Such temporary increases will:

- be defined in terms of "additional demand" for a specific period;
- apply for two full billing periods except in the case of plant commissioning in which case the duration of the temporary increase may be extended for the duration of the commissioning;
- be charged at the standard Contract Demand charge; and
- be limited to once in any 12 month period.

(c) Where a customer requires a reduction in contract demand, 12 months' written notice shall be given to the Supply Authority of the magnitude



of the reduction required. Such reduction shall apply to supply provided after the meter reading date first following the expiration of the 12 months' notice and shall be effective upon the level of Contract Demand then applicable.

(d) Except for temporary increases in demand negotiated as per item b above, any reduction in Contract Demand shall be conditional upon such reduced Contract Demand not being exceeded for the 12 months, following its application. Except for such temporary increases, any demand recorded within that 12 months' period which exceeds such reduced Contract Demand shall become the Contract Demand retrospectively for that period.

#### B7.2.2 Changes Following Contract Demand Being Exceeded

In the event that the metered maximum demand in a month exceeds the Contract Demand the following shall apply:

(a) A new Contract Demand shall be established equal to the metered maximum demand in that month.

(b) The new Contract Demand shall apply for at least 12 months unless exempted under either of the following circumstances:

- if it is a fault on the customer's electrical installation which caused a new Contract Demand to be established, the Contract Demand may be reduced back to the previous level after three months, provided that the customer can satisfy the Supply Authority that the fault has been diagnosed and that action has been taken to avoid a recurrence of that or similar faults; or
- where the capacity of the Supply Authority System is inadequate to make supply available at a higher rate on a continuous basis. In this case the customer shall be advised that the new Contract Demand would apply only for the month in which it was established, pending augmentation of the Supply Authority System and re-negotiation of a revised Contract Demand. The maximum demand thereafter would be limited to the available capacity, as determined by the Supply Authority, by suitable load limiting equipment installed by the customer to the satisfaction of the Supply Authority.

#### B7.3 Metering Changes

For the new customer who elects to take supply under Tariffs L or H at the outset, the Supply Authority will provide the necessary metering free of charge.

However, any existing customer electing to transfer to these tariffs shall pay the cost of any necessary metering change, except that no charge

will apply for transfer either from Tariff V to Tariff L, or from Tariff M to Tariff H.

#### B7.4 Multiple Supplies

A single supply should normally be adequate to satisfy a customer's total needs for electricity on a property. Nevertheless, where the Supply Authority provides multiple supplies, including alternative supplies to a property, each supply would normally be separately metered and billed under the tariff selected by the customer for each supply. However, where such multiple supplies are taken from and metered at a single Supply Authority substation, switch, metering or other single enclosure containing Supply Authority supply terminations, such multiple supplies shall be treated as a single supply for tariff and billing purposes. In these circumstances, if the customer wishes to combine the metering to gain the benefits of a coincident Contract Demand, he must pay all Supply Authority costs in excess of those for a single supply in particular:

- additional metering costs;
- capital costs of any feeder capacity reserved in excess of the Contract Demand; and
- the operating and maintenance costs associated with such reserve feeder capacity.

#### B7.5 Standard Time

The times nominated for off-peak tariff rates, notwithstanding the operation of Summer Time, are Standard Time.

However, such times may be adjusted for Summer Time where:

- (a) Suitable metering is installed which enables Summer Time to be applied without cost to the Supply Authority; or
- (b) where the customer pays the Supply Authority for the cost of any changes to the metering to adjust for the Summer Time/Standard Time changeovers.

#### B8 SUPPLEMENTARY CONDITIONS FOR PARALLEL OPERATION

##### B8.1 Application

These Conditions apply in respect to installations where private generation is operated in parallel with the Supply Authority System and the Supply Authority agrees to either:

- (a) Provide a standby supply in the event of such private generation breakdown or other circumstance; or
- (b) Purchase electricity generated by the private generating plant.

##### B8.2 The Contract Demands

Supply under these Conditions is based upon the following contract Demand

B8.2.1 The Maximum Contract Demand (MCD) which is the maximum demand negotiated or

taken by the customer. The level of MCD is subject always to the necessary capacity being available in the Supply Authority System. The MCD is split into two components:

- The Normal Contract Demand (NCD) which is the demand in kilowatts up to which the standard tariff (Tariffs L, V, H, M or P as appropriate) applies for both demand and energy quantities.
- The Standby Contract Demand (SCD) which is the demand in kilowatts nominated by the Customer, and agreed by the Supply Authority, to be his standby requirement. Tariff S shall apply to both the SCD, and to energy quantities which are in excess of the level of the NCD. The Customer may select a level of SCD between zero and the MCD, provided that the SCD does not exceed the nameplate rating of the Customer's installed private generation plant.

B8.2.2 Buy-Back Contract Demand (BBCD) is the maximum demand which the Supply Authority will accept as export from a Customer's premises.

B8.2.3 The level of MCD and BBCD is subject always to the agreement of the Supply Authority and that the necessary capacity is available in the Supply Authority System.

#### B8.3 INITIAL SELECTION OF CONTRACT DEMANDS

Prior to commencement of supply under these conditions the level of MCD, NCD and SCD and if appropriate, BBCD, is established by negotiation between the Customer and the Supply Authority. The negotiated SCD will apply for the first three months of operation and thereafter unless changed in accordance with item B8.4.3.

The NCD charged in each of the first three months' operation shall be the higher of either:

- the negotiated NCD; or
- the difference between the metered maximum demand in each month and the negotiated SCD.

At the end of the third month the level of MCD will be re-negotiated. The re-negotiated MCD will not less than the maximum demand recorded in the third month and will apply for the following 12 months' period and thereafter unless varied in accordance with these conditions.

#### B8.4 CHANGES TO CONTRACT DEMANDS

##### B8.4.1 Negotiated Changes to the MCD.

- (a) Where a Customer requires an increase in MCD, a written request should be made to the Supply Authority. The increased level of MCD shall apply from the requested date or as soon as possible thereafter subject to any required work being completed by the Supply

Authority. Provided that data recorder metering equipment is installed, a revised NCD/SCD split may also be advised, otherwise the increase will be applied to the NCD. (Refer Items B8.4.3 and B8.5).

- (b) Temporary increases in MCD may be available to the Customer to cover specific, short-term needs, such as for the commissioning of new plant or scheduled private generation plant overhauls, subject to:

- o a minimum of 6 months' written notice from the Customer; and
- o prior agreement from the Supply Authority. Such agreement will be conditional upon the necessary capacity being available in the Supply Authority System. The actual times may need to be modified to Supply Authority capacity constraints—either local or main system.

Such temporary increases will:

- o be defined in terms of "additional demand" for MCD, and NCD or SCD for a specific period;
- o apply for two full billing periods except in the case of plant commissioning in which case the duration of the temporary increase may be extended for the duration of the commissioning, (Scheduled private generation plant overhauls extending beyond two billing periods will not qualify under this condition);
- o be charged at the appropriate standard Contract Demand charge; and
- o be limited to once in any 12 month period.

(c) Where a customer requires a reduction in MCD, 12 months' written notice shall be given to the Supply Authority of the magnitude of the reduction required. Such reduction shall apply to supply provided after the meter reading date first following the expiration of the 12 months' notice and shall be effective upon the level of the MCD then applicable. A revised NCD/SCD split may also be advised, but in default the reduction will be applied to the NCD.

(d) Except for temporary increases in demand negotiated as per Item (b) above, any reduction in MCD shall be conditional upon such reduced MCD not being exceeded for the 12 months following its application. Except for such negotiated temporary increases, any demand recorded within that 12 months' period which exceeds such reduced MCD shall become the MCD retrospectively for that period.

##### B8.4.2 Changes Following MCD Being Exceeded

In the event that the metered maximum demand in a month exceeds the MCD, the following shall apply:

(a) a new MCD shall be established equal to the metered maximum demand in that month.

(b) The NCD shall be increased by an amount equal to the increase in the MCD. Unless modified in accordance with Item B8.4.3 (d), the SCD shall remain unchanged.

(c) The new MCD shall apply for at least 12 months unless exempted under either of the following circumstances:

- If it is a fault on the Customer's electrical installation which caused a new MCD to be established, the MCD may be reduced back to the previous level after three months provided that the Customer can satisfy the Supply Authority that the fault has been diagnosed and that action has been taken to avoid a recurrence of that or similar faults; or
- Where the capacity of the Supply Authority System is inadequate to make supply available at a higher rate on a continuous basis. In this case, the Customer shall be advised that the new MCD would only apply for the month in which it was established, pending augmentation of the Supply Authority System and renegotiation of the MCD. The MCD thereafter would be limited to the available capacity, as determined by the Supply Authority, by suitable load limiting equipment installed by the Customer to the satisfaction of the Supply Authority.

#### B8.4.3 Changes to NCD and SCD

The NCD and SCD split of MCD may be changed by the Customer giving written advice to the Supply Authority:

- (a) at the expiration of the first three months operation, or
- (b) not less than 12 months' notice prior to effecting the change, or
- (c) as part of a negotiated increase in MCD in accordance with Item B8.4.1 (a) or (b), or
- (d) within 3 months of an increase in MCD under Item B8.4.2, provided that the NCD is not reduced below its previous level, or
- (e) at any time that the Supply Authority changes the price relativity between the tariffs applying to NCD and SCD. The extent of the change in split between NCD and SCD shall be limited to the extent of change in the price relativities.

#### B8.4.4 Changes to Buy-Back Contract Demand

The same conditions apply as for negotiated changes to MCD as detailed in Item B8.4.1 (a).

#### B8.5 Metering Costs

The Customer shall pay the cost of the supply and installation of all data recorder metering equipment except where he has nominated an SCD of zero or has not contracted to export

energy to the Supply Authority, in which case data recording metering is not required and consequently no charge will apply.

#### B8.6 Conditions for Parallel Operation

A Customer may operate generators in parallel with the Supply Authority System subject to compliance with the following, as amended from time to time:

##### B8.6.1 SEC Wiring Regulations.

##### B8.6.2 Technical Conditions for the Operation of Private Generators with the SEC System.

##### B8.6.3 Operation procedures in accordance with the Supply Contract.

B8.6.4 A Customer with a total generation capacity of 12 MW or more will be required to maintain close co-operation with the State Electricity Commission of Victoria (SEC) in matters relating to scheduling of plant maintenance and operational control. Details of these requirements will be included in the Supply Contract.

B8.6.5 A Customer with total generation capacity of 50 MW or more, will be required to have the operation of the generator co-ordinated by the appropriate operating department of the SEC.

#### B8.7 Buy Back Conditions

B8.7.1 The Supply Authority may purchase energy from private generation at the rates determined under Tariff S (Buy Back Component). Suitable protection and control equipment must be installed by the Customer to the satisfaction of the Supply Authority to limit the export energy to the Buy Back Contract Demand as specified in the Supply Contract.

B8.7.2 The Customer may negotiate to supply energy to the Supply Authority under either:

- Firm Buy-Back Arrangements; or
- Non-Firm Buy-Back Arrangements.

In the case of "Firm Buy-Back" the Customer must enter into a Contract with the Supply Authority to export at contracted levels of demand and energy. Firm Buy-Back rates will be negotiated according to individual circumstances.

In the case of "Non-Firm Buy-Back", the amount of energy exported shall be at the discretion of the Customer with regard to energy content or time of export. Tariff S Buy-Back Component will apply to energy exported, unless separate rates are negotiated and included in the Supply Contract.

#### B8.8 Tariff Application

B8.8.1 For the NCD component of demand and energy quantities, the appropriate prices for demand and energy for Tariffs L, V, H, M or P, shall apply. Apart from the obsolescent Tariff M

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which is available only to existing Customers, the Customer may select any one of these tariffs.

B8.8.2 For the SCD component of demand and energy, Tariff S shall apply. The energy component under Tariff S is derived for each 15 minute metering period as the level of consumption above the NCD.

B8.8.3 Tariff S—Peak and Off-Peak Periods  
Peak Periods:

- all time between 7 am and 11 pm, Monday to Friday, except on those days defined below as holidays.

Off-Peak Periods:

- all times between 11 pm each day and 7 am on the following day;
- all times on Saturdays and Sundays; and
- all times on Australia Day, Labour Day, Anzac Day, Queen's Birthday, Good Friday, Easter Monday and all the days from the working day preceding Christmas Day until the following New Year's Day holiday, all inclusive.

B8.8.4 The minimum charge shall be the sum of four charges:

- the product of the NCD and the demand

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charge under Tariffs L, V, H, M or P, as appropriate;

- the product of the SCD and the demand charge under Tariff S;

- the energy charge under Tariffs L, V, H, M or P, as appropriate for all energy consumption up to the level of the NCD; and

- the energy charge under Tariff S for all energy in excess of the NCD.

B8.9 Standard Time

The times nominated for off-peak tariff rates, notwithstanding the operation of Summer Time, are normally Standard Time.

However, such times will be adjusted for Summer Time where:

- (a) data recorder metering equipment is installed; or
- (b) where the Customer pays the Supply Authority for the cost of any changes to the metering to adjust for the Summer Time/Standard time changeovers.

J. T. HORGAN  
Secretary



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