

# MOGALAKWENA MUNICIPALITY

The tariff as set out hereunder was promulgated in the Provincial Gazette dated 26 March 1986. The latest amendments are shown in the margin.

Impl. Date

## ELECTRICITY TARIFF OF CHARGES APPROVED TARIFFS FOR 2012/2013

The tariff of charges as set out herein, is applicable to the supply of electricity only. Consumers of electricity pay the following, **VAT excluded**:

1995/05/26

### 1. DOMESTIC CONSUMERS

- (1) This tariff shall apply to the following:
  - (a) Private dwelling.
  - (b) Boarding houses or hotels excluding hotels licensed in terms of the Liquor Act.
  - (c) Flats metered separately and occupied exclusively for long term domestic purposes.
  - (d) Nursing homes and hospitals.
  - (e) Homes for charitable institutions.
  - (f) Educational institutions and school hostels.
  - (g) Clubs, excluding clubs licensed in terms of the Liquor Act.
  - (h) Churches and church halls used exclusively for public worship.
  - (i) A building or separate part of a building exclusively used for residential purposes and which is separately.
  - (j) Farms, for domestic and farming purposes.
- (2) If the demand of a consumer is too large to qualify as a domestic Consumer, such consumer shall be classified as a business consumer.(>60 Amp three phase)
- (3) Unless application is made in writing for any one of the types of supplies in terms of section 1(5), the tariff of the previous consumer who used this connection shall apply, and in the event of no previous connection, the tariff in terms of section 1(5) shall apply. All new connections shall be single phase where practical at the discretion of the Engineer.
- (4) Should a consumer in this tariff group elect to change from a higher group, in terms of which a supply is provided, to a lower group, the change-over shall only be effected on payment of the estimated cost involved for the changing of the connection, plus a surcharge of 10%
- (5) The following charges are payable based on a sliding scale of kWh consumption:

#### (i) Urban consumers

Group	kWh Consumption	Energy charge
Block 1	1-50kWh	R 0.6600/kWh
Block 2	51-350kWh	R 0.8200/kWh
Block 3	351-600kWh	R 1.0900/kWh
Block 4	>600kWh	R 1.2900/kWh

2012/07/01

**(ii) Rural consumers**

Group	kWh Consumption	Energy charge
Block 1	1-50kWh	R 0.6600/kWh
Block 2	51-350kWh	R 0.8200/kWh
Block 3	351-600kWh	R 1.0900/kWh
Block 4	>600kWh	R 1.2900/kWh

2012/07/01

**2. SMALL COMMERCIAL AND INDUSTRIAL CONSUMERS**

(1) This tariff shall apply to electricity supplied at 400/231 V (Maximum of 100 Ampere three phase) to the following:

- (a) Shops
- (b) Commercial houses
- (c) Office buildings
- (d) Hotels licensed in terms of the Liquor Act.
- (e) Bars
- (f) Cafés, tearooms and restaurants
- (g) Combined shops and tearooms
- (h) Public halls
- (i) Clubs licensed in terms of the Liquor Act.
- (j) Holiday flats
- (k) Industrial and factory undertakings.
- (l) Buildings or part of buildings containing a number of classifications under (a) to (k) and where the consumption in terms of this tariff is metered separately by the Council.
- (m) Any other consumer excluding those classified under any other tariff.

(2) If the demand of any consumer as set out above, is too large to be classified under this tariff group, such consumer shall be classified as a bulk consumer.

(3) Consumers to apply in writing for the type of supply they require.

(4) The following charges are payable:

**(i) Urban consumers**

Group	Energy charge
a) Conventional	R 1.3500/kWh
b) Prepaid	R 1.3500/kWh

2012/07/01

**(ii) Rural consumers**

Group	Energy charge
a) Conventional	R 1.3500/kWh
b) Prepaid	R 1.3500/kWh

2012/07/01

### 3. BULK CONSUMERS

3(a) Urban consumers

3(a) 1 The council reserves the right to connect consumers with an estimated ampere rating exceeding 100 Amp as bulk consumers either by means of low or high voltage.

3(a) 2 Bulk consumers shall be divided into four categories:

- (a) Standard Low voltage : Supply voltage of 400/231 V.
- (b) Standard High voltage: Supply voltage of 11/33 kV
- (c) Time-of-use tariff for bulk consumers.

1. This tariff is applicable to bulk consumers only.

The consumer must apply in writing to the Town Electrical Engineer for the time-of-use supply and the following is applicable:

- a). The consumer shall have registered for 3 consecutive months the load ratio of at least 170kWh per kVA
- b). the consumer should bare the cost for the provision and installation of the measuring equipment required;
- c). the metered maximum demand measured over any 30 minute period, measured by a kVA meter during the peak and standard periods, as indicated in 3(c) below, will be regarded as the maximum demand and the Town Electrical Engineer may, from time to time, depending on circumstances, alter the peak and standard periods;
- d). no charges are payable for the maximum demand consumed in off peak periods.

3(a) 3 Whenever a consumer effects extensions to his electrical installation which will increase his average maximum demand of the previous 12-months by more than 10% he shall notify the engineer timeously in writing of such anticipated increase as well as the date upon which the increased demand will be required.

3(a) 4 The following charges are payable per month or part thereof:

Group	Service charge	Admin charge	Demand charge	Voltage surcharge	Energy charge (charged @ R/kWh)		
a) Standard Low Voltage	R 29.38/day	R 9.84/day	R 170.00/kVA	0.00%	0.5000		
b) Standard High Voltage	R 115.25/day	R 59.33/day	R 150.00/kVA	0.00%	0.4068		
c) Time-of-use :					High season		Low season
i) ≤ 420V	R 115.25/day	R 59.33/day	R 53.30/kVA	17.30%	1.8082	Peak	0.7422
					0.7083	Standard	0.4878
					0.3960	Off-peak	0.2739
ii) 11kV	R 115.25/day	R 59.33/day	R 53.30/kVA	10.07%	1.8082	Peak	0.7422
					0.7083	Standard	0.4878
					0.3960	Off-peak	0.2739
iii) 33kV	R 115.25/day	R 59.33/day	R 53.30/kVA	10.07%	1.8082	Peak	0.7422
					0.7083	Standard	0.4878
					0.3960	Off-peak	0.2739

3(b) Rural consumers

For the supply of electricity to bulk consumers outside the Mokopane town boundaries, the conditions set out in item 3(a) will be applicable.

2011/07/01

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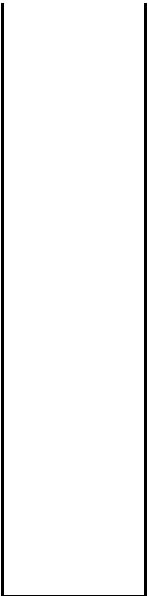
3(c) The following periods will be applicable:

Peak Period : Mondays to Fridays  
07:00-10:00 and 18:00-20:00

Standard Periods : Mondays to Fridays  
06:00-07:00, 10:00-18:00 and 20:00-22:00  
Saturdays  
07:00-12:00 and 18:00-20:00

Off peak periods : Mondays to Fridays  
00:00-06:00 and 22:00 – 24:00  
Saturdays  
00:00-07:00, 12:00-18:00 and 20:00-24:00  
Sundays  
00:00-24:00

High season : June -August  
Low season : September - May



#### 4. MUNICIPAL SERVICES SUPPLY

The charges of electricity supplied for street lighting and all other municipal purposes shall be calculated at the cost per kWh consumption based on the kWh tariff for urban domestic consumers without any fixed levies.

1997/08/07

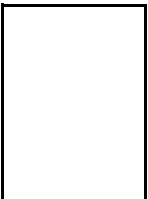
#### 5. UNMEASURED SUPPLIES

Where, to the opinion of the engineer, it is unpractical to meter the consumption the following tariff is payable:  
**R 40.00** per 100 Watt installed capacity, or part thereof, per month.

2012/07/01

#### 6. PROPORTIONING OF MONTHLY CHARGES

If the period for which an account has been rendered is materially more or less than one month as a result of the date on which a consumer has entered into a consumer 's agreement with the Council, or the date on which such an agreement has been terminated, or as a result of the fact that the meter reading routine has been changed basically, the Chief Financial Officer may adjust on a proportional basis the fixed monthly charges and maximum demand charges for such a period for which an account has been rendered. The energy charge for units consumed shall be determined by meter readings.



#### 7. CONNECTION FEES

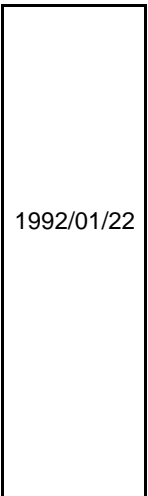
(1) Connection fees are payable in advance and are calculated on the basis of the Council's estimated cost to supply a typical standard connection plus a levy of 10%, which typical standard connection, where applicable, will be based on an initial design demand as determined from time to time by the council.

If in the opinion of the engineer, it is necessary to provide the connection at actual costs, an account for such connection will be opened and all costs for the connection will be debited on the account. At completion of the connection the total cost will be supplemented with an additional 10% to provide for administrative costs and overhead charges and the balance on the account will be claimed from or paid back to the applicant according to the circumstances.

In all cases the estimated cost to provide the connection plus the 10% levy must be paid in advance to the Council before any work is done.

(2) Where, in terms of these by-laws, accommodation is provided on the consumer's premises for the Council's transformer and equipment required for a low voltage supply to the premises, as well as

1992/01/22



adjacent premises, a connection fee is payable based on the estimated cost in respect of all material and equipment required to provide the consumer with electricity from the low voltage distribution board in the substation.

- (3) High voltage consumers shall provide a switch room to accommodate the council's high voltage switchgear as well as a substation for the consumer's own high voltage and low voltage switch gear and transformers. The dimensions and layout of the switch room and substation shall be determined by the Engineer.
- (4) The Council can, besides the applicable fee payable in accordance with section 7(1) , also require that the applicant makes a contribution to the existing electrical distribution system. Such a contribution is determined by the Council and payable in advance.
- (5) Notwithstanding the fact that the applicant paid the cost for the connection, the power lines and equipment remain the property of the Council.

1992/01/22

### 8. TRAVELLING COSTS AND COSTS FOR TRAVEL TIME

- (1) Over and above the charges as set out, traveling costs and travel time is payable by consumers for the following services:
  - (a) Supply of connections outside the municipality.
  - (b) Reconnection of consumers outside the municipality.
  - (c) Special meter readings outside the municipality.
  - (d) Re-testing of installations outside the municipality.
  - (e) Investigation and testing of meters outside the municipality.
- (2) Traveling costs for the above services shall be calculated on the ruling municipal tariffs and the traveled distance measured from the Mokopane Town boundary for a return trip. Traveling time for all the above services is calculated on the tariff of salaries and wages of the Council's employees by whom the trip was undertaken.
- (3) Where more than one consumer in the same area were visited on a trip, the costs for traveling and travel time shall be divided between the consumers. Where more than one consumer was visited on a trip, the traveling costs shall be calculated to a central point in the area where the consumers are located.

### 9. RECONNECTION CHARGES

- (1) An amount of **R360,00** shall be charged for the reconnection of a supply which has been temporarily disconnected at the request of a consumer or the non-compliance with any of the Council's By-laws or regulations.

2012/07/01

### 10. DEFAULTING FEE

- (1) Where a consumer failed to pay his/her account on or before the due date, an amount of **R360.00** will be charged against the account as a defaulting fee.

2012/07/01

### 10. CHARGES FOR INVESTIGATION OF COMPLAINTS

When the Electricity Department is requested by a consumer to investigate a power failure and it is found that the power failure was caused by a fault in the installation or resulting from the faulty use of appliances by the consumer, an amount of **R360,00** shall be payable for every investigation.

2012/07/01

### 11. CHARGES FOR SPECIAL METER READINGS

- (1) Consumer meters will be read as near as possible at regular intervals. A charge of **R100,00** per reading shall be payable by a consumer who requests a reading at any other time than the specified date.

2012/07/01

(2) If a consumer disputes the reading of a meter and requests a re-reading of the meter to confirm the reading, a charge of **R200,00** shall be payable if the re-reading confirms the correctness of the original reading.

2012/07/01

## 12. CHARGES FOR THE TESTING OF METERS

The following charges shall be payable in advance for the testing of an electric meter :

1. Per single phase meter per test : **R500.00**
2. Per three phase meter per test : **R850.00**
3. Per 5 ampere meter per test : **R1,700.00**

2012/07/01

Over and above the above charges, traveling costs and travel time shall be payable by the consumer where applicable as set out herein.

## 13. CHARGES FOR INSPECTION / TESTING OF INSTALLATION

The following charges shall be payable for the inspection and testing of an installation.

- (a) Residential, commercial and industrial low voltage connections where the estimated maximum demand for the connection does not exceed 50 kVA : **R500,00**
- (b) All low voltage connections where the estimated maximum demand is greater than 50 kVA but does not exceed 100 kVA : **R500,00**
- (c) All low and high voltage connections where the estimated maximum demand exceeds 100 kVA : **R 500.00**

2012/07/01

(d) In the event of a high voltage installation being proved faulty by the Council, a charge of **R500,00** shall be payable in.

2012/07/01

(e) Over and above the above charges, traveling costs and travel time shall be payable by the consumer where applicable as set out herein.

## 14. DEPOSITS

Urban domestic consumers: A minimum deposit of **R2,000.00** is payable

Small commercial and industrial consumers: A minimum deposit of **R5,000.00** is payable

Large commercial and industrial consumers: A minimum deposit of **R20,000.00** is payable

Non South African citizens: Domestic consumers: A minimum deposit of **R6,000.00** is payable

Non South African citizens: Small commercial consumers: A minimum deposit of **R12,000.00** is payable

2012/07/01

## 15. GENERAL SERVICES

(1) The charge for any service in connection with the supply of electricity rendered upon request by a consumer for which no provision has been made in this tariff shall be as estimated by the council, plus a 10 % levy.

(2) No electricity shall be supplied to a consumer unless the power factor of the consumer's installation is better than 0,8 lagging : Provided that if six month notice to improve the power factor of an installation is ignored by the consumer, the council shall substitute the kWh meters by kVA hour meters, at the tariff applicable to kWh meters.

1989/09/06

(3) Consumers may improve the factor of any installation by making use of suitable apparatus : Provided that the power factor shall not be better than 0,95 lagging under full load conditions.

## 16. DEFINITIONS

**Administration charge** : is a fixed R/day charge payable per connection over the billing period whether electricity is consumed or not, and based on the monthly utilised capacity of the connection. It is a contribution towards fixed costs such as meter reading, billing, meter capital and other administration costs.

**Demand charge** : is a R/kVA charge of the highest average demand, in kVA, measured over any demand integrating period of thirty consecutive minutes recorded during the chargeable time periods in a billing month

**Energy charge** : is a charge linked to each kWh(unit of energy) consumed. For some tariffs the charge may be time and/or seasonally differentiated.

**Load factor** : is the average demand of a load divided by the maximum demand of the load over the billing period and gives an indication of the percentage of the time that the system is being fully utilised. Simply put, the load factor is a ratio between the actual energy consumed and the energy that could have been consumed had the demand remained at the maximum demand for the entire period

- A **high load factor** means power usage is relatively constant.
- A **low load factor** shows that occasionally a high demand is set. To service that high demand spike, capacity is sitting idle for long periods , thereby imposing higher costs on the system.

**Maximum demand** : is the highest demand recorded during the all time periods in a billing month.

**Power factor** : is the ratio of kW to kVA measured over the same integrating period

**Service charge** : is a fixed R/day charge payable per account over the billing period, whether electricity is consumed or not. Where applicable, this charge will be based on the sum of the monthly utilised capacity linked to an account. It is a contribution towards fixed costs such as customer service costs. For the domestic,departmental and small business tariffs the service and administration costs are combined to make up the service charge and are charged per metering point.

**Time-of-use tariff** : is a tariff that has different energy rates for different time periods and seasons in order to reflect the shape of the municipality's long run marginal energy cost of supply at different times more accurately.

**Voltage surcharge** : is a percentage surcharge levied to consumers with lower supply voltages as a contribution to the cost to transform electricity from 33 kV to lower voltages. It is calculated as a percentage of the energy charge and the demand charge (where applicable) to reflect the cost at lower voltages.

## ABBREVIATIONS

<	less than
≤	less than or equal to
>	greater than
≥	greater than or equal to
Amp	ampere
c	cents
c/kWh	cents per kilowatt-hour
kVA	kilovolt-ampere
kV	kilovolt
kW	kilowatt
kWh	kilowatt-hour
R	Rand
R/kVA	Rand per kilovolt-ampere

## COMPLETE LIST OF AMENDMENTS

Provincial gazettes :	26/03/1986	22/01/1992		
	06/09/1989	15/09/1993		
	29/08/1990	27/07/1994		
	06/02/1991	26/05/1995		
NERSA :	1997/01/24	1999/07/07	2005/10/11	2009/07/01
	1997/03/25	2002/04/02	2006/07/01	2010/07/01
	1997/08/07	2003/04/17	2007/07/01	2011/07/01
	1997/11/20	2004/03/09	2008/07/01	2012/07/01