

MIDVAAL LOCAL MUNICIPALITY

Determination of Charges Payable for Electricity July 2011 to Jun 2012 Tariff of Charges

- 1.1.6 Every other erf or piece of land used or intended to be used for purposes not mentioned in 1.1.1 to 1.1.5:
(EBExxx) (R330.00) **R397.25**

1.2 Exclusions

The charge as set out in sub item 1.1 shall not be payable by the following consumers:

- 1.2.1 Township owners in respect of an erf or other areas where such township owner

has made an interest-free loan to the Council for the construction of an electricity supply scheme, until such erf or other area is sold or building plans in respect thereof are approved in terms of the Council's Building By-laws, or the economical portion of the loan has been repaid by the Council to the township owner.

2. DOMESTIC SUPPLIES

- 2.1 Consumer falling within the following classifications shall pay for the electricity supplies to them on the basis **set out below**:

Regardless of the meter-reading period, an energy charge for the consumption of electricity, since the previous meter reading, per kWh:

- 2.1.1 Private residences, each flat or town house where it is separately metered by council and used as such. EEL051

Block Units	Cost/Unit
0 to 50	65c
51 to 350	77.2c
351 to 600	99c
Above 600	116.40c

- 2.1.2 Flats and Town Houses (where consumption for each Flat or Town House complex is metered on a single meter for the complex by Council). EEL060

(78.39c) **99c**

- 2.1.3 Aritable institutions, supported by voluntary subscriptions or contributions. EEL047

(78.39c) **94.37c**

- 2.1.4 Provincial hospitals. EEL048

(78.39c) **94.37c**

- 2.1.5 Churches and church halls. EEL049

(78.39c) **94.37c**

3. NON-DOMESTIC SUPPLIES

- 3.1 Consumers within the following general classifications shall pay for electricity on the basis set out in 3.2:

- 3.1.1 Businesses EEL052

- 3.1.2 Industries

PART I: SUPPLY OF ELECTRICITY

1. BASIC CHARGES

- 1.1 Except as provided in 1.2 the following basic charge per month or part thereof, shall be payable monthly by the owner, per erf or other area, with or without improvements, which is or, in the opinion of the Council, can be connected to the network, whether electricity is consumed or not.

- 1.1.1 Erven used or intended to be used for individual residential or religious purposes, per erf:

a) Single phase supplies:
(EBE821) (R 56.80) **R 68.02**
(WA0440) (VA0440)

b) Three phase supplies:
(VA0442)(EBE825)
(R116.70) **R140.48**

- 1.1.2 Erven used or intended to be used for flats, businesses, industries or other purposes of which the anticipated maximum demand is less than 100kVA, per erf:

a) Meyerton, Risiville, Duncanville and Randvaal
(EBE811) (R266.20) **R320.45**
(EBE841) (RV 0304)

b) Walkerville and Vaal Marina
(VA0441) (R185.30) **R223.10**
(WA0441)

- 1.1.3 Erven used or intended to be used for flats, businesses, industries or other purposes of which the anticipated maximum demand is at least 100kVA:

(EBE812) (R925.50) **R1 114.12**

- 1.1.4 Flats and town houses individually metered by Council, per dwelling unit:

(EBE813) (R 45.10) **R 54.30**
(VA0443)

- 1.1.5 Agricultural consumers, per supply point:

a) Single phase supplies
(EBE831) (RV0305) (R 66.10) **R79.57**
(SU0440)

b) Three phase supplies
(EBE832) (RV 0306) (R181.30) **R218.24**
(SU0441)

- 3.1.3 Nursing homes, private hospitals, hotels and boarding houses. electricity, since the previous meter reading, per kWh:
(EEL061) (44.24c) **53.26**
(EEL062)
- 3.1.4 Recreation halls, clubs, schools and hostels.
- 3.1.5 Mixed loads for domestic and non-domestic purposes.
- 3.1.6 All purposes not expressly specified in item 2 or in 3.1.1 to 3.1.5

- 3.2** Regardless of the meter-reading period, an energy charge for the consumption of electricity, since the previous meter reading, per kWh
(EEL028) (82.29c) **99.06**
(EEL052) (VA0462)
(EEL069) (VA0052)
(WA0442)

Provided that if the notified or registered maximum demand exceeds 100kVA, the charge shall be calculated in terms of 3.3.

3.2.1 This tariff provides for existing commercial pre-paid consumers who have paid all the relevant connection or transfer fees for the electrical connection (service cable, electricity meter, ready board etcetera) and where basic charges are levied.

- 3.2.1 60 Amp Connection - Cost per kWh:
(EEL028) (82.29c) **99.06**

- 3.3** Where the notified maximum demand is at least 100kVA, the charges for electricity consumed shall be calculated in accordance with the provisions of a two-part tariff based upon metered demand and energy as set out in 3.3.1 and 3.3.2.

Regardless of the meter-reading period, the following charges shall be levied for the

consumption of electricity where the electricity is supplied or made available at a separate point of supply, per month or part thereof:

- 3.3.1 A kVA demand charge:
- (a) Low Voltage Demand. When the supply is furnished at the nominal voltage of 400 volts between phases, per kVA:
(EEL041) (R 97.44) **R117.30**
(WA0444)
- (b) Med Medium Voltage Demand. When the supply is furnished at a nominal phase to phase voltage of 11 000 volts, per kVA:
(EEL042) (R 94.40) **R113.64**

- 3.3.2 Regardless of the meter-reading period, an energy charge for the consumption of

4. TIME-OF-USE SUPPLIES

4.1 Midvaal Off-peak Tariff

Where the monthly maximum demand exceeds 25 kVA and the consumer requests that an off-peak tariff be applied, the following charges will apply:

- 4.1.1 Regardless of the meter-reading period, the following charges shall be levied for the consumption of electricity where the electricity is supplied or made available at a separate point of supply, per month or part thereof:

- 4.1.2 Service charge:
(ESE---) (R432.49) **R520.63**

- 4.1.3 A demand charge, per kVA (Registered between 07:00 and 21:00)

- (a) Low Voltage Demand: When the supply is furnished at the nominal voltage of 400 volts between phases, per kVA:
(EEL065) (R127.35) **R153.30**

- (b) Medium Voltage Demand: When the supply is furnished at a nominal phase to phase voltage of 11 000 volts.
(EEL066) (R121.24) **R145.95**

- 4.1.4 Regardless of the meter-reading period, an energy charge for the consumption of electricity, since the previous meter reading, per kWh:
(EEL---) (36.94c) **44.47c**

4.2 Midvaal Megaflex tariff

This tariff is available to consumers who can shift their load to defined time periods and of whom the monthly maximum demand is at least 1 MW and will not be applicable to supplies being fed from rural networks.

The charges will be as follows:

- 4.2.1 Service Charge, per month:
(EXE---) (R144.57) **R174.03**

- 4.2.2 Summer period (September to May)

- (a) Peak hours, per kWh:
(ELE081) (85.75c) **103.23c**
- (b) Standard hours, per kWh:
(ELE082) (35.08c) **42.23**
- (c) Off peak hours, per kWh:
(ELE083) (27.45c) **33.04c**

- (d) Maximum demand charge, per kVA:
(ELE---) (R39.54) **R47.60**
(30 minute integrating period)

4.2.3 Winter period: (June, July and August)

- (a) Peak hours, per kWh:
(ELE085) (132.45c) **159.44c**
(b) Standard hours, per kWh:
(ELE086) (52.50c) **63.20c**
(c) Off peak hours, per kWh:
(ELE087) (30.68c) **36.93c**
(d) Maximum demand charge, per kVA:
(ELE088) (R39.54) **R47.60**
(30 minute integrating period)

4.2.4 Reactive energy charge, per kVAh: (ELE089) (11.12 c) **13.39c**

For all kVAh supplied in excess of **30%** of kWh recorded during peak and standard periods. The excess reactive energy is determined per 30 minute integrating period.

4.3 Midvaal Miniflex Tariff

This tariff is available to consumers who can shift their load to defined periods and of whom the monthly maximum demand is between 100kVA and 5 000kVA.

The charges are as follows:

- 4.3.1 Service charge per month:
(ELE---) (R166.51) **R200.45**
- 4.3.2 Summer period (September to May)
- (a) Peak hours, per kWh:
(ELE091) (97.30c) **117.13c**
- (b) Standard hours, per kWh:
(ELE092) (45.64c) **54.94c**
- (c) Off Peak hours, per kWh:
(ELE093) (26.27c) **31.62c**
- 4.3.3 Winter period (June, July and August)
- (a) Peak hours, per kWh:
(ELE094) (204.27c) **245.90c**
- (b) Standard hours, per kWh:
(ELE095) (64.04c) **77.09c**
- (c) Off Peak hours, per kWh:
(ELE096) (31.18c) **37.53c**
- 4.3.4 Reactive energy charge: per kVAh:
(ELE097) (5.33c) **6.42c**

Supplied in excess of 30% (0,96PF) of the kWh recorded during the entire billing period. The excess reactive energy is determined using the billing period totals.

4.4 Conversion surcharge

When a consumer elects to change from the Non Domestic tariff to either the Megaflex or Miniflex tariff the actual savings achieved and paid over to the consumer will be handled as follows:

PERIOD	% TO CONSUMER	% RETAINED BY COUNCIL
Year 1	10%	90%
Year 2	28%	72%
Year 3	46%	54%
Year 4	64%	36%
Year 5	82%	18%

5. GENERAL LIGHTING AND ITINERANT SUPPLIES

In the case of itinerant consumers such as circuses, merry-go-rounds, amusement parks and persons carrying on construction work or for general lighting, the charges payable per month or part thereof shall be as follows:

- 5.1 Fixed charge for availability of supply, whether taken or not:
(EEL---) (R469.44) **R565.11**
- 5.2 Regardless of the meter-reading period, an energy charge for the consumption of electricity, since the previous meter reading, per kWh:
(EEL055) (144.84c) **174.36c**

6. ELECTRICITY SUPPLIES TO CONSUMERS OUTSIDE THE MUNICIPAL AREA

Electricity supply to consumers outside the municipality where supply is available from the Council's main network shall be charged at the applicable tariff.
(EEL056) Agri

7. AGRICULTURAL SUPPLIES

7.1 Standard

This tariffs is applicable to consumers of electricity for agricultural purposes on farms and agricultural land within the municipal area, and the following charges will apply:

Regardless of the meter-reading period, an energy charge for the consumption of electricity, since the previous meter reading, per kWh:
(EEL057) (88.97c) **107.10c**
(EEL056)

Where monthly consumption of energy exceeds 10 000 kWh per month, the provisions of item 3.2 and 3.3 shall apply.

7.2 Nite Save

For all consumers with 20 hectare or more under irrigation, with written approval from Council, the following tariffs shall apply:

7.2.1 For all electricity consumed between 07:00 and 21:00 during weekdays, an energy charge, per kWh:
(EEL---) (88.97c) **107.10c**

7.2.2 For all electricity consumed between 21:00 and 07:00 during weekdays, over weekends and during Megaflex public holidays, per kWh:
(EEL---) (40.20c) **48.39**

8. BULK SUPPLIES

The tariffs contained in this item are only applicable to major bulk consumers, that is consumers with a maximum demand figure of at least 2 000 kVA and who contribute pro rata (maximum demand of consumer divided by the total maximum demand of all consumers who will be supplied from the main substation) to the capital outlay expenditure in respect of the main substation and main supply cables.

Regardless of the meter-reading period, the following charges shall be levied for the consumption of electricity where the electricity is supplied or made available at a separate point of supply, per month or part thereof:

8.1 A kVA demand charge

(a) Low Voltage Demand. When the supply is furnished at the nominal voltage of 400 volts between phases, per kVA:
(EEL071) (R 97.44) **117.30c**

(b) Medium Voltage Demand. When the supply is furnished at a nominal phase to phase voltage of 11 000 volts, per kVA:
(EEL074) (R 94.40) **R113.64**

8.2 Regardless of the meter-reading period, an energy charge for the consumption of electricity, since the previous meter reading, per kWh:
(EEL076) (44.24c) **(53.26c)**

9. HEINEKEN BREWERY

Heineken brewery will be charge for actual electricity consumed at the ESKOM 11kV Megaflex Key Customer tariff as if supplied directly by ESKOM. The tariffs will be updated as and when the Eskom tariffs change.

No additional charge will be levied in respect of the bulk electricity supply infrastructure already paid for by Heineken.

10. MUNICIPAL SUPPLIES

Regardless of the meter-reading period, an energy charge for the consumption of electricity, since the previous meter reading, per kWh:

(EEL059) (54.67c) **65.81c**
VA0461
WA0442

11. VALUE ADDED TAX

The tariffs in Part I are subject to VAT.

All previous Determinations of Tariffs for the supply of Electricity are substituted by this determination.

PART II: GENERAL CHARGES

1. RECONNECTION / DISCONNECTION OF ELECTRICITY SUPPLY

1.1 The following charges shall be payable where a consumer fails to pay his account on or before the due date and where the Council has already incurred expenditure to collect the amount due:

1.1.1 During office hours: (R313.50) **R344.85**
1.1.1 After hours: (R375.35) **R412.90**

1.2 When a warning is issued to a consumer in connection with arrear electricity charges before any steps have been taken by the Council to collect the due amount in terms section 11(1) of the Council's Electricity Bylaws, the applicable tariff according to the Council's tariff for the issuing of certificates and information will be applied:

For each warning issued: (R 70.00) **R77.00**

2. METER-READING

For a meter-reading at any time other than that set aside by the Council for that purpose, per reading:
(R 76.20) **R83.82**

3. TESTING AND INSPECTIONS

Meters will be tested upon requests by the consumers after payment of the following fees:

3.1 Single phase meters: (R320.00) **R352.00**

3.2 Three phase meters:

3.2.1 (R500.00) **R550.00** for electromechanical meters.

3.2.2 Actual cost plus 10% administrative fee for electronic and programmable type of meters.

3.3 For the initial inspection and testing of an installation: **Free of charge**

3.4 For any subsequent inspection and testing where the installation failed to pass the initial test or was not ready for the initial test, for each inspection and test: (R290.00) **R319.00**

4. COMPLAINTS

Where an employee of the Council is called to a consumer's premises to attend to a complaint of failure of light or power, no charge shall be made if the Council's equipment is found to be faulty, but if the defect has been caused by a fault in the consumer's equipment for which the Council is not responsible, the following charges will be made:

4.1 Residential: (R300.00) **R330.00**

4.2 Business and industrial: (R400.00) **R440.00**

4.3 Where material such as fuses, etc, has to be replaced, the full cost thereof plus 10% will be for the account of the consumer.

5. SERVICE CONNECTIONS

5.1 The owner of the premises concerned shall make application for the installation or reinstatement of a service connection in a form prescribed by the engineer.

5.2 A service connection shall be installed at the expense of the owner and the cost thereof as determined by the Council's Engineer shall be paid to the Council before supply is authorised.

5.3 Every part of the service connection shall remain the property of the Council.

5.4 Notwithstanding the fact that the service connection to an approved electrical installation may already have been completed, the Council may in its absolute discretion refuse to supply electricity to that installation until all amounts due to the Council by the same consumer in respect of that or any other service connection, whether or not on the same premises, have been paid.

5.5 No owner shall be entitled to require more than one service connection for a supply to any premises even if it comprises or occupies more than one stand. The engineer may, however, subject to such conditions as he thinks fit to impose upon the owner, provide more than one service connection to a premise and where more than one service connection is so provided, it shall be unlawful to interconnect them.

5.6 The applicant for a service connection shall, before work on his installation is commenced, furnish the Council with such indemnity as it may specify.

5.7 The engineer may, notwithstanding any indemnity given in terms of paragraph 5.6 refuse to install a service connection until he is satisfied that no person is entitled to object to such installation.

5.8 The levy for all connections includes the cost to the consumer of all material, meters, equipment, transport and labour which, to the reasonable estimate of the Council's Engineer, will be required to establish the connection plus an amount of **10%** of such costs for administrative fees.

6. BULK SUPPLY CONTRIBUTIONS

6.1 Erf quota

Erf quota is defined as the authorised maximum demand (AMD) of each individual erf.

6.1.1 Zoned maximum demand (ZMD) per erf

The ZMD is determined by the Town-planning Scheme and is as follows:

- (i) Residential or Special and Undetermined, for a specific use which, in the opinion of the Executive Director: Engineering Services, is in accordance with Residential, on which only one or, at the most two, dwelling-units per erf, may be erected; **13.8 kVA per potential dwelling**
- (ii) Multiple Residential or Special and Undetermined, for a specific use which, in the opinion of the Executive Director: Engineering Services, is in accordance with Multiple Residential; **13.8 kVA per potential dwelling**

The number of potential dwelling-units is calculated in accordance with the permissible floor space ratio as determined in the Town-planning Scheme and where each dwelling-unit has an area of 100 m², or the number of dwelling-units as determined by the Scheme.

Where there are twelve dwelling-units or more (including the service connection) at a density of twenty dwelling-units or more per hectare, and where the Municipality does not take over the internal electrical network, the premises will be provided with a single connection point. These dwelling-units will be rated at the next, lower kVA rating for the specific area.

The final rating and the provision of a single connection point will be at the discretion of the Executive Director: Engineering Services.

- (iii) Business or Special and Undetermined, for a specific use which, in the opinion of the Executive Director: Engineering Services, is in accordance with Business; **7.0 kVA per 100 m² of potential floor area.**
- (iv) Industrial and Light Industrial or Special and Undetermined, for a specific use which, in the opinion of the Executive Director: Engineering Services, is in accordance with Industrial and Light Industrial; **2.5 kVA per 100 m² of potential floor area**
- (v) Agricultural or Special and Undetermined, for a specific use which, in the opinion of the Executive Director: Engineering Services, is in accordance with Agricultural; **13.8 kVA per erf**

- (vi) Any other use not referred to in (i), (ii), (iii), (iv) or (v) above: **0 kVA per erf**

6.2 Quota charges

6.2.1 General

The scales of the tariff for the supply of electricity as detailed in the Schedule: Supply of Electricity Part I are based on the costs associated with the provision of the supply to the various groups of consumers in the normal electrically developed areas within the Tshwane electricity supply area.

Where the supply needs to be provided to new premises or groups of premises or where an existing consumer applies for an increased supply, the cost of extending the distribution and reticulation networks within the Municipality that is not recovered from the tariff for the supply of electricity as set out in the Schedule: Supply of Electricity Part I must be paid by the developer/consumer as external engineering services.

The developer of a township must provide for and install the full quota allocated per erf for which an application has been made in respect of the distribution and reticulation systems. If the distribution and reticulation systems are not fully installed, the developer must compensate the Municipality for the difference between the allocated quota and the set quota at the prevailing quota charge. This is deemed to be contributions for external engineering services. The existing quota of the property prior to the latest application for development is used as a credit in the calculation. This quota is calculated in the same way as mentioned above.

6.2.2 Determining charges

The quota charge is finally determined by the actual level at which the development connects to the supply system. The charge is calculated as follows:

$$Q = [(D_n - D_e) C]$$

Where

- Q = Quota charge payable in rand
- D_n = Sum of new development property ADMDs in kVA
- D_e = Sum of existing development property ADMDs in kVA
- C = Contribution per kVA at connection level as indicated in 2.3 below

6.2.3 Contributions

The quota charges must be such as to cover the capital liabilities incurred or to be incurred by the Municipality in supplying the distribution and/or reticulation network to increase the quota to the

premises or group of premises. The contributions per kVA at the different connection levels are as follows:

- (i) Low-voltage connections
 - (a) For connections made at a metering cubicle, per kVA: **R1 830.00**
 - (b) For connections made to the low-voltage distribution network, per kVA: **R1 700.00**
 - (c) For connections made to the low voltage busbars within miniature and communal substations, as well as to the outgoing terminals of the 11 000/400V transformer on rural lines, per kVA: **R1 540.00**
- (ii) Medium-voltage connections

For connections made at the 11kV distribution network:

 - (a) Taken from the 11kV distribution network, per kVA: **R1 380.00**
 - (b) Taken directly from the 11kV switchgear of a satellite- or 88kV substation, per kVA: **R1 210.00**
 - (c) Taken directly from the 11kV switchgear of a 88kV substation where the developer provides the satellite substation, per kVA: **R1 100.00**

Note:

In instances where township owners/developers have already paid a quota charge during township establishment, or where a quota charge was paid at the time of scheme amendments, subdivision or consent use, a quota charge is payable for every kVA by which the notified maximum demand indicated by the end consumer or his or her authorized representative exceeds the allocated quota which has already been paid for.

Once payment, calculated at the applicable connection level, has been received, this notified maximum demand will then become the new AMD of the erf,

7. NETWORK FEASIBILITY LOAD STUDY

For all subdivisions or developments where such a development has, to the reasonable discession of the Executive Director: Engineering Services, an impact on the electrical network, the applicant will have to obtain at his cost a feasibility report from Council's Electrical consultants regarding the impact of the development on the overall network.

8. TESTING OF CABLES, SWITCHGEAR, ETC

Cables, switchgear, etc, will be tested upon request from a consumer at a fee of (R900.00) **R990.00** for the first two hours or part thereof and a further amount of (R450.00) **R495.00** per hour or part thereof for each additional hour that the Council's employee spends in testing the equipment.

9. DEPOSITS

The following deposits shall be payable when application for a connection is made:

- 9.1 The Government of the Republic of South African (including the Gauteng Provincial Administration and the South African Transport Services) or any other class of consumer approved by the Council : no deposit.
- 9.2 Consumers above 30 000 kVA : a deposit based on a half of one month's consumption.
- 9.3 Consumers above 10 000 kVA but under 30 000 kVA **a deposit based on one and a half month's consumption.**
- 9.4 Consumers above 6 000 kVA but under 10 000 kVA: **a deposit based on two month's consumption.**
- 9.5 Consumers of dwellings and town houses (excluding users with pre-paid meters): an initial deposit of (R1 400.00) **R1540.00**, which amount, if insufficient, shall be increased to the average consumption of three months after the consumption of three months has been determined.
- 9.6 Consumers of flats (excluding users with pre-paid meters) an initial deposit of (R900.00) **R990.00**, which amount, if insufficient, shall be increased to the average consumption of three months after the consumption of three months has been determined.
- 9.7 Other consumers (excluding users with pre-paid meters) : a deposit based on the consumption of three consecutive months : Provided that the deposit of a consumer who has obtained a connection before 19 October 1983 as well as a consumer who is the owner of the building and whose supply has not been disconnected because of non-payment, or has not appeared on the disconnection list or has not appeared on the warning list for two consecutive months, shall be based on the consumption of two consecutive months.

10. INTEREST ON ARREAR ACCOUNTS

Interest at the rate of Prime plus two percent will be levied on all outstanding electricity accounts.

11. CONVERSION CHARGES FROM CONVENTIONAL METER TO PREPAID METERS

The following charges shall be payable where a consumer opts to replace an existing credit meter connection with a pre-payment meter. The consumer must appoint an accredited contractor to do the necessary alterations and preparation for the conversion.

10.1 Pre-paid meter at cost plus 10%

10.2 Administration costs: (R290.00) **R319.00**

12. VALLUE ADDED TAX

The tariffs in Part II are subject to VAT

All previous Determinations of Tariffs for the supply of Electricity are substituted by this determination.