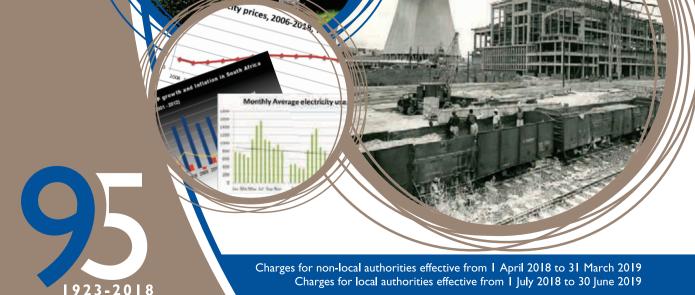


# Tariffs & Charges 2018/2019



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	Suite of electricity tariffs for supplies with commercial usage and also for non-commercial supplies such as churches, schools, halls, clinics, old-age homes, public lighting or similar supplies in Urban, areas with an NMD up to 100 kVA.
	Non-metered electricity tariff for public lighting or similar supplies where Eskom provides a supply for, and if applicable maintains, any street light or similar public lighting where, the charge for the supply is fixed based on the number of lights and light fixtures. The tariff is applicable only in Eskomdesignated Urban, areas.
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	HOME Bulk
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## Eskom contact information

Customers can contact the Eskom Call-Centre for customer services such as account queries, applications for new connections, transfer of existing accounts and termination of accounts.

#### Eskom has introduced an easy-to-remember national Share Call number:

- dial **08600 ESKOM** on a phone with an alphanumeric keypad; or
- dial 0860 037 566 if your phone does not have an alphanumeric keypad.

Customers can send an SMS message stating their customer service requirement to the following number:

35328

For the latest contact details and tariff information, visit our web site at www.eskom.co.za/tariffs.

#### Eskom's customer service charter

#### Our customers have the right:

- to accurate measurement of consumption;
- to error-free bills;
- to be treated with respect:
- to experience excellent treatment in terms of Eskom's electricity supply agreement;
- · to be dealt with promptly and efficiently;
- to be treated fairly;
- to have their property treated with respect;
- · to the confidentiality of their information;
- to one-stop service without referral;
- · to quality of supply in terms of negotiated agreement; and
- · to be involved in issues affecting them.

Visit our web site at www.eskom.co.za for more information on Eskom's service levels. Go to:

- Customer Care
  - Customer Service Information

To view energy saving tips, please visit: http://www.eskom.co.za/sites/idm/Pages/Home.aspx



#### Foreword

#### Approved average tariff increases for 2018/19

On 15 December 2017, the National Energy Regulator of South Africa (Nersa) determined Eskom's allowable revenue for standard tariff customers of R 176 410m for the 2018/19 period. This revenue results in an annual average price increase of 5.23% from 1 April 2018 to Eskom's direct customers and a 7.32% increase from 1 July 2018 to municipalities.

The tariff increases for the 2018/19 financial year are as follows:

Average Standard tariffs	5.23%					
Local Authority   July 2018 (Municipal)	7.32%					
Eskom direct						
Businessrate; Public Lighting; Homepower; Homelight 60A; Landrate; Landlight	5.23%					
Megaflex; Miniflex; Nightsave Urban; WEPS; Megaflex Gen*	6.00%					
Affordability subsidy charge*	15.41%					
All other tariff charges	5.23%					
Ruraflex; Nightsave Rural; Ruraflex Gen, DUoS and TUoS charges	5.23%					
Homelight 20A Block I Block 2	5.10% 5.23%					

<sup>\*</sup> Due to the affordability subsidy charge increase of 15.41%, the average increase for these tariffs will be 6%. The actual impact may differ depending on the individual customer's load factor. The reason for the affordability subsidy charge increase is to cover the cost of the lower increases for the Homelight 20A tariff as determined by Nersa.

There are no tariff structural adjustments for 2018/19.

For tariff impact calculations and for more information on Eskom's schedule of standard prices, please refer to the website: www.eskom.co.za\tariffs.

Please note that the documents/ rates on the internet as well as this communication, takes into account the VAT increase.

Deon Conradie
Senior Manager (Electricity Pricing)



## **Abbreviations**

< less than

less than or equal to

> greater than

≥ greater than or equal to

A ampere c cents

c/kvarh cents per reactive kilovolt-ampere-hour

c/kWh cents per kilowatt-hour

CPI consumer price index

DUoS Distribution use-of-system

**ERS** electrification and rural subsidy

**ETUoS** embedded Transmission use-of-system

**GWh** gigawatt-hour km kilometre

kVA kilovolt-ampere

kvarh reactive kilovolt-ampere-hour

kV kilovolt
kW kilowatt
kWh kilowatt-hour

MEC maximum export capacity

MFMA municipal finance management act

MVA megavolt-ampere

MYPD multi-year price determination

N/A not applicable

Nersa national energy regulator of South Africa

NMD notified maximum demand

**PF** power factor

R rand

R/kVA rand per kilovolt-ampere

TOU time-of-use

TUoS Transmission use-of-system

UoS Use-of-system

**V** volt

VAT value-added tax

W watt

## **Definitions**



**Account** means the invoice received by a customer for a single point of delivery (POD) or if consolidated, multiple points of delivery for electricity supplied and/or use of the System.

**Active energy charge or energy charge** means the charge for each unit of energy consumed, typically charged for as c/kWh.

**Administration charge** means the daily fixed charge payable per POD to recover administration-related costs such as meter reading, billing and meter capital. It is based on the monthly utilised capacity or maximum export capacity of each POD.

Affordability subsidy charge means the transparent charge indicating socio-economic subsidies related to the supply of electricity to residential tariffs and is payable on Eskom related active energy sales to non-local authority tariffs.

**Ancillary Service charge** means the charge that recovers the cost of providing ancillary services by the System Operator.

**Annual utilised capacity** means the higher of the notified maximum demand (NMD) or maximum demand, per POD/point of supply measured in kVA, and registered during a rolling 12-month period.

Chargeable demand means the highest average demand measured in kVA in a billing month during the chargeable time periods specified for each tariff. For WEPS and Megaflex, the chargeable period is during WEPS and Megaflex's peak and standard periods and for Nightsave Urban (Large and Small) and Nightsave Rural during Nightsave's peak periods.

**Code** means the Distribution Code, the South African Grid Code, the Grid Connection Code for Renewable Power Plants or any other code, published by Nersa, as applicable, and as amended, modified, extended, replaced or re-enacted from time to time.

**Distribution** means the regulated business unit through which Eskom constructs, owns, operates and maintains the Distribution System in accordance with its licence and the Code.

**Distribution connected** means connected to the Distribution system.

**Distribution losses charge** means the production-based (energy) incentive to generators. The losses charge is based on the approved loss factors, the load factor, the amount of energy produced seasonally and TOU and the WEPS energy rate (excluding losses).

**Distribution network capacity charge** (previously known as the Distribution network access charge) means the R/kVA or R/POD fixed network charge raised to recover Distribution network costs and depending on the tariff is charged on the annual utilised capacity or maximum export capacity where maximum demand is measured or the NMD where maximum demand is not measured.

**Distribution network demand charge** means the R/kVA or c/kWh variable network charge raised to recover Distribution network costs and depending on the tariff may be charged on the chargeable demand or the active energy.

**Distribution System** means Eskom's network infrastructure consisting of assets operated at a nominal voltage of 132 kV or less, not classified as transmission transformation equipment.





**Distribution use-of-system (DUoS) charges** means the network tariffs charged for making capacity available, connecting to and for the use of the Distribution System. The DUoS charges are the source of the Distribution network charge components in the retail tariff structures.

**DUoS charge (generators)** means the DUoS charges payable by generators. These DUoS charges for generators comprise the network capacity charge based on maximum export capacity, the losses charge, the ancillary service charge, the service charge and the administration charge.

**DUoS** charge (loads) means the DUoS charges payable by loads. These DUoS charges comprise the network capacity charge, the network demand charge, the urban low voltage subsidy charge, the ancillary service charge, the service charge, the administration charge and the electrification and rural network subsidy charge.

**Electrification and rural network subsidy charge** means the DUoS charge transparently indicating the contribution towards socio-economic network-related subsidies for Residential and Rural, tariffs and is payable by loads that use the Distribution or Transmission System for the delivery of energy.

**Energy demand charge** means the seasonally differentiated charge per POD that recovers peak energy costs, and based on the chargeable demand.

**Embedded Transmission use-of-system (ETUoS) charge** means the TUoS charges payable by customers connected to the Distribution network.

Excess network capacity charge (previously known as the excess network access charge) means the charge payable with reference to the NMD rules and is based on the demand exceeding the NMD multiplied by the event number (recorded every time the NMD is exceeded) multiplied by the applicable network capacity charges for the tariff.

**High-demand season** means the TOU Period from I June to 31 August of each year.

**High voltage (HV)** networks usually consist of equipment supplied at a voltage greater than 22kV and consist of the distribution substations and networks. A substation is considered an HV substation when the primary side of the substation is supplied at a voltage > 22 kV.

**Key customer** means a customer identified by Eskom as requiring special services, or a customer that consumes more than 100 GWh per annum on a contiguous site.

**Local authority tariffs** means tariffs applicable to municipal bulk points of supply.

Loss factors mean the factor indicating the cost or benefit of technical energy losses on the Transmission and the Distribution System. The Distribution loss factors differ per voltage category and per Rural, and Urban, categories. The Transmission loss factors differ for generators and loads and are based on the Transmission zones.

Losses charge means the charge payable based on the applicable loss factors and the WEPS rate excluding losses.

**Low-demand season** means the TOU Period from I September to 3 I May of each year.

**Maximum demand** means the highest average demand measured in kVA or kW at the POD/point of supply during a 30 minute integrating period in a billing month.





**Maximum export capacity (MEC)** means the maximum capacity at the point(s) of supply notified by the customer and accepted by Eskom for the transmission of electrical energy between a generator and the Transmission or Distribution System. Note: The notification of the maximum export capacity shall be governed by the NMD and MFC rules

**Medium voltage (MV)** networks consist of the networks above I kV up to 22 kV. Some rural networks with a voltage of 33 kV have been specifically designated by Eskom as rural reticulation networks. A substation is considered a MV substation when the primary side of the substation is supplied at a voltage  $\leq 22$  kV.

**Monthly utilised capacity** means the higher of the notified maximum demand (NMD) or maximum demand, measured in kVA or kW, registered during the billing month.

**Network capacity charge** (previously known as the network access charge) means the R/kVA or R/POD fixed network charge raised to recover network costs and depending on the tariff is charged on the annual utilised capacity or maximum export capacity where maximum demand is measured or the NMD where maximum demand is not measured.

**Network demand charge** means the R/kVA or c/kWh variable network charge raised to recover network costs and depending on the tariff may be charged on the chargeable demand or the active energy.

**Non-local authority tariffs** means the tariffs applicable to Eskom's direct customers (i.e. customers within Eskom's licensed area of supply) and exclude the non-local authority tariffs.

**Notified maximum demand (NMD)** means the contracted maximum demand notified in writing by the customer and accepted by Eskom per POD/point of supply. *Note: The notification of demand shall be governed by the NMD and MEC rules.* 

**NMD** and **MEC** rules means the rules approved by Nersa and as amended from time to time for the notification of demand or maximum export capacity or changes to or exceedances of the NMD or MEC.

Off-peak period means the TOU periods of relatively low system demand.

Peak period means the TOU periods of relatively high system demand.

**Point of delivery (POD)/point of supply**, means either a single point of supply or a specific group of points of supply on Eskom's System from where electricity is supplied to the customer by Eskom or from where the customer supplies electricity to Eskom's System located within a single substation, at which electricity is supplied to the customer at the same declared voltage and tariff. *Note:This can be a metering or summation point.* 

Public holidays means the treatment of charges on public holidays as specified by Eskom.

Reactive energy charge means a c/kVArh charge based on the power factor and tariff of the POD.

Residential tariffs means the Homelight and Homepower suite of tariffs.

Rural, means areas classified as rural by Eskom for the purposes of tariff design and classification.

**Service and Administration charge** means the monthly charge payable per account for service and administration related costs. (Also see service charge and administration charge).





**Service charge** means the daily fixed charge payable per account to recover service-related costs and is based on the sum of the monthly utilised capacity or maximum export capacity of all PODs linked to an account.

**Standard period** means the TOU periods of relatively mid system demand.

**Standard charge/fee** means the fees/charges that may be reused in addition to the tariff charges for direct services provided to the customer such as connections, disconnections, special meter reading etc.

**System** means the Transmission and Distribution network infrastructure consisting of all lines and substation equipment.

Time-of-use (TOU) tariff means a tariff with energy charges that change during different TOU periods and seasons

**TOU** periods means time blocks based on the volume of electricity demand during high, mid and low demand periods and may differ per tariff. The TOU periods typically are peak, standard and off-peak periods and differ during in high and low demand seasons.

**Transmission** means the regulated business unit through which Eskom constructs, owns, operates and maintains the Transmission System in accordance with its licence and the Code.

Transmission connected means connected to the Transmission system.

**Transmission system** means Eskom's electricity system consisting of all lines and substation equipment where the nominal voltage is above 132 kV or where the nominal voltage is lower than or equal to 132 kV and there are no Distribution System assets.

**Transmission use-of-system (TUoS) charges** means the network tariffs charged for making capacity available, connecting to and for the use of the Transmission System. The TUoS charges are the source of the ETUoS and the Transmission network charge components in the retail tariff structures.

Transmission network access charge means the same as Transmission network charge.

Transmission network charge means the network related TUoS charge.

**Transmission zone(s)** means the geographic differentiation applicable to Transmission network charges and loss factors as indicated in paragraph, to indicate the costs associated with the delivery and transmission of energy.

**Urban**, areas means areas classified by Eskom as urban for the purposes of tariff design and classification.

**Urban low voltage subsidy charge** means the charge transparently indicating the network-related cross subsidy payable by  $\geq$  66 kV Urban, connected supplies for the benefit of < 66 kV connected Urban, supplies.

**Utilised capacity** means the same as annual utilised capacity.



## Standard charge

#### Standard fees/charges for services rendered

In addition to the standard tariff charges Eskom may raise additional standard fees/charges for direct services rendered to a customer e.g. the provision of service mains, the installation of equipment in the customer's substation, for the taking of any special meter readings, for reconnection of the supply after disconnection (i) either at the request of the customer or (ii) caused by the customer in failure to carry out its obligations, and for special/additional work done for the customer by Eskom. Refer to www.eskom.co.za/tariffs for the list of standard/charges/fees applicable.



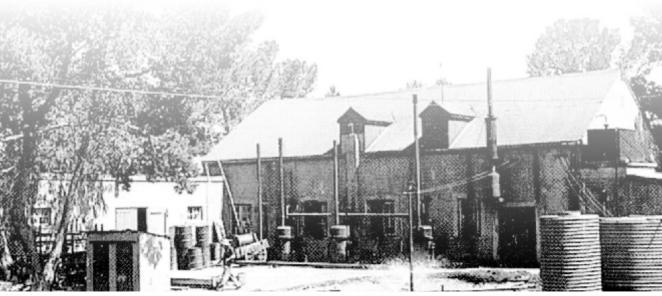
~ Aerial view of Vaal Power Station



## NIGHTSAVE Urban Large and Small

Electricity tariff suitable for high load factor Urban, customers with an NMD greater than I MVA for Nightsave Urban Large and an NMD from 25kVA to I MVA for Nightsave Urban Small, with the following charges:

- seasonally differentiated c/kWh active energy charges including losses based on the voltage of the supply and the transmission zone
- seasonally differentiated R/kVA energy demand charges based on the voltage of the supply, the transmission zone and charged on the chargeable demand in peak periods;
- the treatment of public holidays for the raising of the energy demand charge and the network demand charge;
- a R/kVA transmission network charge based on the voltage of the supply, the transmission zone and charged on the annual utilised capacity measured at the POD applicable during all time periods;
- a R/kVA Distribution network capacity charge based on the voltage of the supply and the annual utilised capacity
  measured at the POD applicable during all time periods;
- a R/kVA Distribution network demand charge based on the voltage of the supply and the chargeable demand measured at the POD applicable during peak periods only;
- a R/kVA urban low voltage subsidy charge applicable to ≥ 66 kV supplies based on the voltage of the supply and charged on the annual utilised capacity measured at the POD applicable during all time periods.
- a c/kWh ancillary service charge based on the voltage of the supply applicable during all time periods;
- · a R/account/day service charge based on the monthly utilised capacity of each POD linked to an account
- a R/POD/day administration charge based on the monthly utilised capacity of each POD linked to an account
- a c/kWh electrification and rural network subsidy charge applied to the total active energy measured at the POD
  in the month
- a c/kWh affordability subsidy charge applied to the total active energy purchased from Eskom at the POD in the
  month applicable to non-local authority tariffs only;
- additional charges in the event of an NMD exceedance and in accordance with the NMD rules.



For a description of the charges – refer to the definitions – page 7, 8, 9, 10

~ Alice Power Station





# NIGHTSAVE Urban Large - Non-local authority rates

		Active energy charge (c/kWh)			Energy demand charge (R/kVA/m)			Transmission			
Transmission zone	Voltage		demand (Jun-Aug) VAT incl		demand (Sep-May) VAT incl		demand (Jun-Aug) VAT incl		demand (Sep-May) VAT incl	cl	etwork harge kVA/m) VAT incl
	< 500V	72.34	83.19	56.23	64.66	220.11	253.13	30.76	35.37	8.38	9.64
< 300km	≥ 500V & < 66kV	68.50	78.78	53.47	61.49	213.04	245.00	29.78	34.25	7.66	8.81
	<u>≥</u> 66kV & <u>&lt;</u> 132kV	68.00	78.20	52.83	60.75	205.28	236.07	28.70	33.01	7.46	8.58
	>  32kV*	63.61	73.15	49.46	56.88	198.02	227.72	27.68	31.83	9.42	10.83
	< 500V	73.31	84.31	56.85	65.38	222.38	255.74	31.06	35.72	8.44	9.71
> 300km &	≥ 500V & < 66kV	69.94	80.43	54.56	62.74	215.20	247.48	30.04	34.55	7.73	8.89
<u>≤</u> 600km	≥ 66kV & ≤ 132kV	69.42	79.83	53.90	61.99	207.31	238.41	28.96	33.30	7.51	8.64
	> 132kV*	64.95	74.69	50.47	58.04	200.04	230.05	27.93	32.12	9.51	10.94
	< 500V	73.99	85.09	57.40	66.01	224.66	258.36	31.38	36.09	8.54	9.82
> 600km &	≥ 500V & < 66kV	70.63	81.22	55.12	63.39	217.36	249.96	30.38	34.94	7.80	8.97
<u>≤</u> 900km	≥ 66kV & ≤ 132kV	70.10	80.62	54.44	62.61	209.40	240.81	29.25	33.64	7.56	8.69
	>  32kV*	65.58	75.42	50.98	58.63	202.04	232.35	28.21	32.44	9.65	11.10
	< 500V	74.78	86.00	57.99	66.69	226.83	260.85	31.68	36.43	8.59	9.88
> 900km	≥ 500V & < 66kV	71.32	82.02	55.66	64.01	219.54	252.47	30.64	35.24	7.89	9.07
- 700KIII	≥ 66kV & ≤ 132kV	70.83	81.45	54.97	63.22	211.54	243.27	29.55	33.98	7.63	8.77
	> 132kV*	66.28	76.22	51.54	59.27	204.08	234.69	28.50	32.78	9.72	11.18

<sup>\* &</sup>gt; I 32kV or Transmission connected

Distribution network charges								
Voltage	Network capacity charge (R/kVA/m)		Network demand charge (R/kVA/m)		Urban low voltage subsidy charge (R/kVA/m)			
Voltage				VAT incl		VAT incl		
< 500V	16.65	19.15	31.57	36.31	0.00	0.00		
≥ 500V & < 66kV	15.27	17.56	28.96	33.30	0.00	0.00		
≥ 66kV & ≤ 132kV	5.45	6.27	10.10	11.62	13.45	15.47		
> I 32kV / Transmission connected	0.00	0.00	0.00	0.00	13.45	15.47		

Customer categories		charge unt/day)	Administration charge (R/POD/day)		
		VAT incl		VAT incl	
>   MVA Key	191.16 3745.97	219.83 4307.87	86.15 119.64	99.07 137.59	
customers					

Voltage		y service (c/kWh) VAT incl
< 500V	0.39	0.45
≥ 500V & < 66kV	0.38	0.44
≥ 66kV & ≤ 132kV	0.36	0.41
> 132kV*	0.34	0.39

ıce ′h)	Electrifi & rural n			dability dability
	subsidy			kWh) ayable by
15	(c/kV			al authority
!4 ! [		VAT incl		ariffs VAT incl
19	7.45	8.57	3.31	3.81

All season

<sup>\* &</sup>gt; I32kV or Transmission connected





# NICHTSAVE Urban Large - Local authority rates

		Active energy charge (c/kWh)			Energy demand charge (R/kVA/m)			Transmission			
Transmission zone	Voltage		demand (Jun-Aug) VAT incl		demand (Sep-May) VAT incl		demand (Jun-Aug) VAT incl		demand (Sep-May) VAT incl	cł	twork narge xVA/m) VAT incl
< 300km	< 500V > 500V & < 66kV	74.14 70.21	85.26 80.74		66.30 63.02	221.36 214.25	254.56 246.39	30.96 29.96	35.57 34.45	8.36 7.63	9.61 8.77
<u> </u>	≥ 66kV & ≤ 132kV > 132kV*	69.69 65.20	80.14 74.98		62.24 58.31	206.45 199.15	237.42 229.02	28.85 27.82	33.18 31.99	7.43 9.40	8.54 10.81
> 300km &	< 500V > 500V & < 66kV	75.11 71.67	86.38 82.42	55.90	67.01 64.29	223.65 216.41	257.20 248.87	31.23 30.22	35.91 34.75	8.40 7.71	9.66 8.87
<u>≤</u> 600km	>   32kV*	71.14	81.81 76.52	55.25 51.73	63.54 59.49	208.50	239.78 231.36	29.14 28.10	33.5 I 32.32	7.48 9.49	8.60 10.91
> 600km &	< 500V ≥ 500V & < 66kV	75.83 72.39	87.20 83.25		67.65 64.95	225.92	259.81 251.40	31.56	36.29 35.13	8.5 l 7.77	9.79 8.94
<u>&lt;</u> 900km	≥ 66kV & ≤ 132kV > 132kV*	71.85 67.21	82.63 77.29	52.25	64.18 60.09	210.60	242.19 233.69	29.41	33.82 32.65	7.54 9.62	8.67 11.06
> 900km	< 500V ≥ 500V & < 66kV	76.64 73.11 72.57	88.14 84.08	57.03	68.33 65.58	228.14	262.36 253.91	31.87	36.65 35.44	8.55 7.85	9.83 9.03
	≥ 66kV & ≤ 132kV > 132kV*	67.94	83.46 78.13		64.79 60.75	212.73 205.25	244.64 236.04	29.73 28.65	34.19 32.95	7.60 9.69	8.74 11.14

<sup>\* &</sup>gt; 132kV or Transmission connected

Distribution network charges									
Voltage	Network capacity charge (R/kVA/m)		Network demand charge (R/kVA/m)		Urban low voltage subsidy charge (R/kVA/m)				
Voltage		VAT incl		VAT incl		VAT incl			
< 500V	16.68	19.18	31.61	36.35	0.00	0.00			
≥ 500V & < 66kV	15.29	17.58	28.99	33.34		0.00			
≥ 66kV & < 132kV	5.47	6.29	10.11	11.63	13.39	15.40			
> 132kV / Transmission connected	0.00	0.00	0.00	0.00	13.39	15.40			

Customer categories		charge unt/day)	Administration charge (R/POD/day)			
		VAT incl		VAT incl		
>   MVA Key	190.47 3732.51	219.04 4292.39	85.86 119.20	98.74 137.08		
customers	3/32.31	72/2.37	117.20	157.00		

Voltage	Ancillary service charge (c/kWh)				
< 500V ≥ 500V & < 66kV ≥ 66kV & ≤ 132kV > 132kV*	0.39 0.38 0.35 0.33	0.45 0.44 0.40 0.38			

& rura subsid	rification I network Iy charge kWh)
	VAT incl
7.42	8.53

<sup>\* &</sup>gt; I32kV or Transmission connected





# NIGHTSAVE Urban Small - Non-local authority rates

	Active energy charge (c/kWh)			Energy demand charge (R/kVA/m)				Transmission			
Transmission zone	Voltage		demand (Jun-Aug) VAT incl		demand (Sep-May) VAT incl		demand (Jun-Aug) VAT incl		demand (Sep-May) VAT incl	ch	twork Jarge VA/m) VAT incl
	< 500V	72.34	83.19	56.23	64.66	154.58	177.77	19.92	22.91	8.38	9.64
< 300km	≥ 500V & < 66kV	68.50	78.78	53.47	61.49	149.61	172.05	19.25	22.14	7.66	8.81
	≥ 66kV & ≤ 132kV	68.00	78.20	52.83	60.75	144.10	165.72	18.53	21.31	7.46	8.58
	> 132kV*	63.61	73.15	49.46	56.88	139.06	159.92	17.89	20.57	9.42	10.83
	< 500V	73.31	84.31	56.85	65.38	156.16	179.58	20.08	23.09	8.44	9.71
> 300km &	≥ 500V & < 66kV	69.94	80.43	54.56	62.74	151.11	173.78	19.44	22.36	7.73	8.89
<u>≤</u> 600km	≥ 66kV & ≤ 132kV	69.42	79.83	53.90	61.99	145.59	167.43	18.73	21.54	7.51	8.64
	> 132kV*	64.85	74.69		58.04	140.45	161.52	18.07	20.78	9.51	10.94
	< 500V	73.99	85.09	57.40	66.01	157.70	181.36	20.27	23.31	8.54	9.82
> 600km &		70.63	81.22	55.12	63.39	152.66	175.56	19.64	22.59	7.80	8.97
<u>≤</u> 900km	≥ 66kV & ≤ 132kV	70.10	80.62	54.44	62.61	147.05	169.11	18.92	21.76	7.56	8.69
	> 132kV*	65.58	75.42	50.98	58.63	141.84	163.12	18.25	20.99	9.65	11.10
	< 500V	74.78	86.00	57.99	66.69	159.31	183.21	20.49	23.56	8.59	9.88
> 900km	≥ 500V & < 66kV	71.32	82.02	55.66	64.01	154.15	177.27	19.84	22.82	7.89	9.07
, ,00KIII	≥ 66kV & ≤ 132kV	70.83	81.45	54.97	63.22	148.55	170.83	19.12	21.99	7.63	8.77
	> 132kV*	66.28	76.22	51.54	59.27	143.32	164.82	18.46	21.23	9.72	11.18

\* > I32kV or Transmission connected

	Distribution network charges									
Voltage		apacity charge «VA/m)		rk demand charge (R/kVA/m)		voltage subsidy (R/kVA/m)				
Voltage				VAT incl		VAT incl				
< 500V	16.65	19.15	31.57	36.31	0.00	0.00				
≥ 500V & < 66kV	15.27	17.56	28.96	33.30	0.00	0.00				
≥ 66kV & ≤ 132kV	5.45	6.27	10.10	11.62	13.45	15.47				
> 132kV / Transmission connected	0.00	0.00	0.00	0.00	13.45	15.47				

	Customer categories		charge unt/day)	Adminis cha (R/PO		Voltage		y service (c/kWh)
ļ			VAT incl		VAT incl			
	≤ 100kVA	13.60	15.64	2.99	3.44	< 500V	0.39	0.45
	> 100kVA & ≤ 500kVA	62.12	71.44	17.42	20.03	≥ 500V & < 66kV	0.38	0.44
	> 500kVA & ≤   MVA	191.16	219.83	34.60	39.79	≥ 66kV & ≤ 132kV	0.36	0.41
	Key customer	3745.97	4307.87	119.64	137.59	> 132kV*	0.34	0.39

\* > 132kV or Transmission connected

Electrification & rural network subsidy charge (c/kWh)	Affordability subsidy charge (c/kWh) Only payable by
VAT incl	non-local authority tariffs VAT incl
7.45 <b>8.57</b>	3.31 <b>3.81</b>





# NIGHTSAVE Urban Small - Local authority rates

		Active energy charge (c/kWh)			Energy demand charge (R/kVA/m)				Transmission Network		
Transmission zone	Voltage		demand (Jun-Aug) VAT incl		demand (Sep-May)		demand (Jun-Aug)		demand (Sep-May) VAT incl	ch	arge VA/m) VAT incl
	< 500V > 500V & < 66kV	74.14 70.21	85.26 80.74	57.65 54.80	66.30 63.02	155.45 150.45	178.77 173.02	20.05	23.06 22.26	8.36 7.63	9.61 8.77
<u>≤</u> 300km	≥ 66kV & ≤ 132kV > 132kV*	69.69 65.20	80.14 74.98	54.12	62.24 58.31	144.94	166.68	18.63 17.99	21.42	7.43 9.40	8.54 10.81
> 300km &	< 500V	75.11 71.67	86.38 82.42	58.27	67.01 64.29	157.05 152.00	180.61 174.80	20.21	23.24 22.47	8.40 7.71	9.66 8.87
<u>≤</u> 600km	≥ 66kV & ≤ 132kV > 132kV*	71.14 66.54	81.81 86.52	55.25 51.73	63.54 59.49	146.43 141.25	168.39 162.44	18.82 18.17	21.64 20.90	7.48 9.49	8.60 10.91
> 600km &	_	75.83 72.39	87.20 83.25	58.83 56.48	67.65 64.95	158.62 153.51	182.41 176.54	20.39 19.75	23.45 22.71	8.5 l 7.77	9.79 8.94
<u>≤</u> 900km	≥ 66kV & ≤ 132kV > 132kV*	71.85 67.21	82.63 77.29	55.81 52.25	64.18 60.09	147.90	170.09 164.05	19.02 18.34	21.87 21.09	7.54 9.62	8.67 11.06
> 900km	< 500V ≥ 500V & < 66kV	76.64 73.11	88.14 84.08	59.42 57.03	68.33 65.58	160.22	184.25 178.28	20.59 19.94	23.68	8.55 7.85	9.83 9.03
	≥ 66kV & ≤ 132kV > 132kV*	72.57 67.94	83.46 78.13	56.34 52.83	64.79 60.75	149.39 144.15	171.80 165.77	19.22 18.56	22.10 21.34	7.60 9.69	8.74 11.14

<sup>\* &</sup>gt; I 32kV or Transmission connected

Distribution network charges									
Voltage	Network capacity charge (R/kVA/m)		Netwo	Network demand charge (R/kVA/m)		Urban low voltage subsidy charge (R/kVA/m)			
Voltage				VAT incl		VAT incl			
< 500V	16.68	19.18	231.61	36.35	0.00	0.00			
≥ 500V & < 66kV	15.29	17.58	28.99	33.34	0.00	0.00			
≥ 66kV & ≤ 132kV	5.47	6.29	10.11	11.63	13.39	15.40			
> 132kV / Transmission connected	0.00	0.00	0.00	0.00	13.39	15.40			

Customer categories		charge unt/day)	Adminis cha (R/POI	rge
		VAT incl	١	/AT incl
≤ 100kVA > 100kVA & ≤ 500kVA > 500kVA & ≤ 1 MVA Key customer	13.54 61.89 190.47 3732.51	15.57 71.17 219.04 4292.39	2.97 17.34 34.48 119.20	3.42 19.94 39.65 137.08

Voltage		ry service (c/kWh) VAT incl
< 500V	0.39	0.45
≥ 500V & < 66kV	0.38	0.44
≥ 66kV & ≤ 132kV	0.35	0.40
> 132kV*	0.33	0.38

& ru netw subsidy (c/k)	vork charge				
VAT incl					

<sup>\* &</sup>gt; I 32kV or Transmission connected

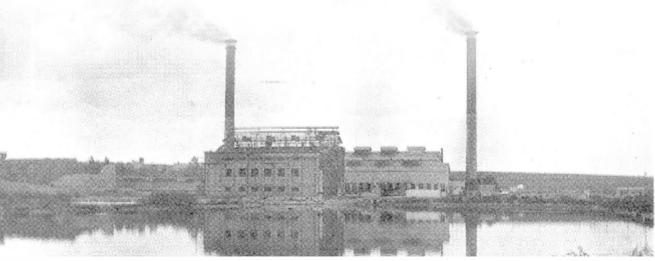




## MEGATIEX

## TOU electricity tariff for Urban<sub>p</sub> customers with an NMD greater than I MVA that are able to shift load, with the following charges:

- seasonally and time-of-use differentiated c/kWh active energy charges including losses, based on the voltage of supply and the transmission zone;
- three time-of-use periods namely peak, standard and off-peak;
- the treatment of public holidays for the raising of the active energy charge and the network demand charge;
- a R/kVA/month Transmission network charge based on the voltage of the supply, the transmission zone and the annual utilised capacity measured at the POD applicable during all time periods;
- a R/kVA/month Distribution network capacity charge based on the voltage of the supply and the annual utilised capacity measured at the POD applicable during all time periods;
- a R/kVA/month Distribution network demand charge based on the voltage of the supply and the chargeable demand measured at the POD applicable during peak and standard periods;
- a R/kVA urban low voltage subsidy charge based on the voltage of the supply and charged on the annual utilised capacity measured at the POD applicable during all time periods
- a c/kWh ancillary service charge based on the voltage of the supply applicable during all time periods;
- a R/account/day service charge based on the monthly utilised capacity of each account;
- a R/POD/day administration charge based on the monthly utilised capacity of each POD linked to an account;
- a c/kVArh reactive energy charge supplied in excess of 30% (0,96 power factor or less) of the kWh recorded
  during the peak and standard periods. The excess reactive energy is determined per 30-minute integrating
  period and accumulated for the month and will only be applicable during the high-demand season;
- a c/kWh electrification and rural network subsidy charge, applied to the total active energy measured at the POD in the month:
- a c/kWh affordability subsidy charge applied to the total active energy purchased from Eskom at the POD in the
  month applicable to non-local authority tariffs only;
- additional charges in the event of an NMD exceedance in accordance with the NMD rules.



For a description of the charges – refer to the definitions – page 7, 8, 9, 10

~ Brakpan Power Station





## MEGAFLEX - Non-local authority rates

			Active energy charge (c/kWh)							
Trans-		High d	emand season (J	un-Aug)	Low de	Network charge				
mission zone	Voltage	Peak	Standard	Off Peak	Peak	Standard	Off Peak	(R/kVA/m)		
		VAT inc	VAT incl	VAT incl	VAT incl	VAT incl	VAT incl	VAT incl		
	< 500V	292.89 336.82	89.11 102.48	48.66 <b>55.96</b>	95.91 <b>110.30</b>	66.18 <b>76.11</b>	42.19 <b>48.52</b>	8.38 <b>9.64</b>		
< 300km	≥ 500V & < 66kV	288.29 331.53	87.34 <b>100.44</b>	47.43 <b>54.54</b>	94.03 <b>108.13</b>	64.73 <b>74.44</b>	41.06 <b>47.22</b>	7.66 <b>8.81</b>		
<u> &gt; 300KIII</u>	> 66kV & < 132kV	279.16 321.03	84.56 <b>97.24</b>	45.93 <b>52.82</b>	91.08 104.74	62.67 <b>72.07</b>	39.77 <b>45.74</b>	7.46 <b>8.58</b>		
	> I 32kV*	263.11 302.58	79.70 <b>91.66</b>	43.29 <b>49.78</b>	8585 <b>98.73</b>	59.07 <b>67.93</b>	37.48 <b>43.10</b>	9.42 <b>10.83</b>		
	< 500V	295.28 <b>339.5</b> 7	89.47 102.89	48.57 <b>55.86</b>	96.33 110.78	66.32 <b>76.27</b>	42.07 <b>48.38</b>	8.44 <b>9.71</b>		
> 300km &	≥ 500V & < 66kV	291.17 334.85	88.20 <b>101.43</b>	47.90 <b>55.09</b>	94.99 <b>109.24</b>	65.37 <b>75.18</b>	41.47 47.69	7.73 <b>8.89</b>		
<u>&lt;</u> 600km	≥ 66kV & ≤ 132kV	281.91 324.20	85.39 <b>98.20</b>	46.36 <b>53.31</b>	91.96 <b>105.75</b>	63.29 <b>72.78</b>	40.15 <b>46.17</b>	7.51 <b>8.64</b>		
	>   32kV*	265.74 <b>305.60</b>	80.51 <b>92.59</b>	43.69 <b>50.24</b>	86.67 <b>99.67</b>	59.65 <b>68.60</b>	37.83 <b>43.50</b>	9.51 10.94		
	< 500V	298.22 <b>342.9</b> 5	90.34 103.89	49.04 <b>56.40</b>	97.29 111.88	66.96 77.00	42.46 <b>48.83</b>	8.54 <b>9.82</b>		
> 600km &	≥ 500V & < 66kV	294.10 338.22	89.10 <b>102.47</b>	48.38 <b>55.64</b>	95.93 <b>110.32</b>	66.03 <b>75.93</b>	41.89 48.17	7.80 <b>8.97</b>		
≤ 900km	≥ 66kV & ≤ 132kV	284.78 327.50	86.27 <b>99.21</b>	46.84 53.87	92.89 106.82	63.94 <b>73.53</b>	40.56 <b>46.64</b>	7.56 <b>8.69</b>		
	>   32kV*	268.42 308.68	81.30 <b>93.50</b>	44.17 50.80	87.56 <b>100.69</b>	60.25 <b>69.29</b>	38.24 <b>43.98</b>	9.65 11.10		
	< 500V	301.22 346.40	91.28 104.97	49.55 <b>56.98</b>	98.27 <b>113.01</b>	67.62 <b>77.76</b>	42.92 <b>49.36</b>	8.59 <b>9.88</b>		
> 900km	≥ 500V & < 66kV	297.02 341.57	89.97 <b>103.47</b>	48.84 56.17	96.87 <b>111.40</b>	66.66 <b>76.66</b>	42.30 <b>48.65</b>	7.89 <b>9.07</b>		
- 700Km	≥ 66kV & ≤ 132kV	287.64 330.79	87.13 <b>100.20</b>	47.31 <b>54.41</b>	93.82 <b>107.89</b>	64.58 <b>74.27</b>	40.97 <b>47.12</b>	7.63 <b>8.77</b>		
	> 132kV*	271.03 <b>311.6</b> 8	82.14 <b>94.46</b>	44.63 <b>51.32</b>	88.47 <b>101.74</b>	60.91 <b>70.05</b>	38.66 <b>44.46</b>	9.72 11.18		

<sup>\* &</sup>gt; I32kV or Transmission connected

Distribution network charges									
Voltage	Network capacity charge (R/kVA/m)		Netwo	Network demand charge (R/kVA/m)		Urban low voltage subsidy charge (R/kVA/m)			
		VAT incl				VAT incl			
< 500V	16.65	19.15	31.57	36.31	0.00	0.00			
≥ 500V & < 66kV	15.27	17.56	28.96	33.30	0.00	0.00			
≥ 66kV & ≤ 132kV	5.45	6.27	10.10	11.62	13.45	15.47			
> I 32kV / Transmission connected	0.00	0.00	0.00	0.00	13.45	15.47			

Customer categories	Service charge (R/account/day)	Administration charge (R/POD/day)
> I MVA	191.16 <b>219.83</b>	86.15 <b>99.07</b>
Key customer	3745.97 <b>4307.87</b>	119.64 <b>137.59</b>

Voltage		y service (c/kWh)
		VAT incl
< 500V	0.39	0.45
≥ 500V & < 66kV	0.38	0.44
<u>&gt;</u> 66kV & ≤ 132kV	0.36	0.41
> 132kV*	0.34	0.39

Reactive energy charge (c/kVArh)					
High season VAT incl					
13.47	15.49				
Low season	VAT incl				
0.00	0.00				

\* > I 32kV or Transmission connected

Electri	fication	Affor	dability
& rural	network	subsid	ly charge
subsidy	charge		kWh)
(c/k	Wh)	Only p	ayable by
			al authority
			ariffs
	VAT incl		VAT incl
7.45	8.57	3.31	3.81





## MEGAFLEX - Local authority rates

			Active energy charge (c/kWh)					
Trans-		High de	mand season (J	un-Aug)	Low de	Network charge		
mission zone	Voltage	Peak	Standard	Off Peak	Peak	Standard	Off Peak	(R/kVA/m)
Zone		VAT incl	VAT incl	VAT incl	VAT incl	VAT incl	VAT incl	VAT incl
	< 500V	300.18 <b>345.21</b>	91.34 <b>105.04</b>	49.84 <b>57.32</b>	98.28 <b>113.02</b>	67.83 <b>78.00</b>	43.23 <b>49.71</b>	8.36 <b>9.61</b>
< 300km	≥ 500V & < 66kV	295.45 <b>339.77</b>	89.52 <b>102.95</b>	48.61 <b>55.90</b>	96.38 <b>110.84</b>	66.33 <b>76.28</b>	42.09 <b>48.40</b>	7.63 <b>8.77</b>
	<u>≥</u> 66kV & <u>≤</u> 132kV	286.13 <b>329.05</b>	86.67 <b>99.67</b>	47.07 <b>54.13</b>	93.34 <b>107.34</b>	64.25 <b>73.89</b>	40.75 <b>46.86</b>	7.43 <b>8.54</b>
	> 132kV*	269.66 <b>310.11</b>	81.69 <b>93.94</b>	44.36 <b>51.01</b>	87.96 <b>101.15</b>	60.54 <b>69.62</b>	38.41 <b>44.17</b>	9.40 <b>10.81</b>
	< 500V	302.63 <b>348.02</b>	91.68 <b>105.43</b>	49.78 <b>57.25</b>	98.72 <b>113.53</b>	67.97 <b>78.17</b>	43.11 <b>49.58</b>	8.40 <b>9.66</b>
> 300km &	≥ 500V & < 66kV	298.40 <b>343.16</b>	90.40 <b>103.96</b>	49.09 <b>56.45</b>	97.35 <b>111.95</b>	67.00 <b>77.05</b>	42.50 <b>48.88</b>	7.71 8.87
<u>&lt;</u> 600km	≥ 66kV & ≤ 132kV	288.93 <b>332.27</b>	87.52 <b>100.65</b>	47.52 <b>54.65</b>	94.25 <b>108.39</b>	64.86 <b>74.59</b>	41.14 47.31	7.48 <b>8.60</b>
	> 132kV*	272.35 <b>313.20</b>	82.52 <b>94.90</b>	44.80 51.52	88.83 <b>102.15</b>	61.15 <b>70.32</b>	38.79 <b>44.61</b>	9.49 <b>10.91</b>
	< 500V	305.65 <b>351.50</b>	92.60 <b>106.49</b>	50.27 <b>57.81</b>	99.70 <b>114.66</b>	68.63 <b>78.92</b>	43.54 <b>50.07</b>	8.51 <b>9.79</b>
> 600km &	≥ 500V & < 66kV	301.41 <b>346.62</b>	91.30 <b>105.00</b>	49.58 <b>57.02</b>	98.34 <b>113.09</b>	67.64 <b>77.79</b>	42.93 <b>49.37</b>	7.77 8.94
<u>≤</u> 900km	<u>≥</u> 66kV & <u>&lt;</u> 132kV	291.87 <b>335.65</b>	88.40 101.66	48.00 55.20	95.18 <b>109.46</b>	65.51 <b>75.34</b>	41.55 <b>47.78</b>	7.54 <b>8.67</b>
	> 132kV*	275.08 <b>316.34</b>	83.34 <b>95.84</b>	45.25 <b>52.04</b>	89.74 <b>103.20</b>	61.76 <b>71.02</b>	39.18 <b>45.06</b>	9.62 11.06
	< 500V	308.72 <b>355.03</b>	93.53 <b>107.56</b>	50.79 <b>58.41</b>	100.71 115.82	69.31 <b>79.71</b>	43.98 <b>50.58</b>	8.55 <b>9.83</b>
> 900km	≥ 500V & < 66kV	304.42 <b>350.08</b>	92.21 106.04	50.08 <b>57.59</b>	99.29 114.18	68.34 <b>78.59</b>	43.34 <b>49.84</b>	7.85 <b>9.03</b>
- 700NIII	<u>≥</u> 66kV & <u>&lt;</u> 132kV	294.81 <b>339.03</b>	89.31 <b>102.71</b>	48.50 <b>55.78</b>	96.16 <b>110.58</b>	66.17 <b>76.10</b>	41.98 <b>48.28</b>	7.60 <b>8.74</b>
	> 132kV*	277.79 <b>319.46</b>	84.19 <b>96.82</b>	45.75 <b>52.61</b>	90.66 <b>104.26</b>	62.41 <b>71.77</b>	39.61 <b>45.55</b>	9.69 11.14

<sup>\* &</sup>gt; I32kV or Transmission connected

Distribution network charges						
Network capacity charge Network demand charge Urban low voltage subsid						
7 515185		VAT incl		VAT incl		VAT incl
< 500V	16.68	19.18	31.61	36.35	0.00	0.00
≥ 500V & < 66kV	15.29	17.58	28.99	33.34	0.00	0.00
≥ 66kV & ≤ 132kV	5.47	6.29	10.11	11.63	13.39	15.40
> I32kV / Transmission connected	0.00	0.00	0.00	0.00	13.39	15.40

Customer categories	Service charge (R/account/day)	Administration charge (R/POD/day)
	VAT incl	VAT incl
> I MVA Key customer	190.47 <b>219.04</b> 3732.51 <b>4292.39</b>	85.86 <b>98.74</b> 119.20 <b>137.08</b>

Voltage	Ancillary charge (	y service (c/kWh)
		VAT IIICI
< 500V	0.39	0.45
≥ 500V & < 66kV	0.38	0.44
≥ 66kV & ≤ 132kV	0.35	0.40
> 132kV*	0.33	0.38

Reactive energy charge (c/kVArh)				
High season	VAT incl			
13.40	15.41			
Low season	VAT incl			
0.00	0.00			

\* > I32kV or Transmission connected

Electrification & rural network subsidy charge (c/kWh)

VAT incl
7.42 8.53







## TOU electricity tariff for Urban, customers with an NMD from 25 kVA up to 5 MVA, with the following charges:

- seasonally and time-of-use differentiated c/kWh active energy charges including losses, based on the voltage of supply and the transmission zone;
- three time-of-use periods namely peak, standard and off-peak;
- the treatment of public holidays for the raising of the active energy charge and the network demand charge;
- a R/kVA/month network capacity charge combining the Transmission and Distribution network capacity
  charges based on the voltage of the supply, the transmission zone and the annual utilised capacity measured at
  the POD applicable during all time periods.
- a c/kWh Distribution network demand charge based on the voltage of the supply and the energy measured at the POD during the peak and standard periods;
- a R/kVA urban low voltage subsidy charge based on the voltage of the supply and charged on the annual utilised capacity measured at the POD applicable during all time periods
- a c/kWh ancillary service charge based on the voltage of the supply applicable during all time periods;
- a R/account/day service charge based on the monthly utilised capacity of each account;
- a R/POD/day administration charge based on the monthly utilised capacity of each POD linked to an account;
- a c/kVArh reactive energy charge supplied in excess of 30% (0,96 power factor or less) of the kWh recorded
  during the entire billing period. The excess reactive energy is determined using the billing period totals and will
  only be applicable during the high-demand season;
- a c/kWh electrification and rural network subsidy charge, applied to the total active energy measured at the POD in the month;
- a c/kWh affordability subsidy charge applied to the total active energy purchased from Eskom at the POD in the month applicable to non-local authority tariffs only;
- additional charges in the event of an NMD exceedance in accordance with the NMD rules.



For a description of the charges – refer to the definitions – page 7, 8, 9, 10





## MINITUDE: - Non-local authority rates

			Active energy charge (c/kWh)					
Trans-		High de	mand season (J	un-Aug)	Low de	Capacity charge		
mission zone	Voltage	Peak	Standard	Off Peak	Peak	Standard	Off Peak	(R/kVA/m)
ZONE		VAT incl	VAT incl	VAT incl	VAT incl	VAT incl	VAT incl	VAT incl
	< 500V	292.89 <b>336.82</b>	89.11 <b>102.48</b>	48.66 <b>55.96</b>	95.91 110.30	66.18 <b>76.11</b>	42.19 <b>48.52</b>	25.00 <b>28.75</b>
< 300km	≥ 500V & < 66kV	288.29 331.53	87.34 <b>100.44</b>	47.43 <b>54.54</b>	94.03 <b>108.13</b>	64.73 <b>74.44</b>	41.06 47.22	22.91 <b>26.35</b>
<u>&gt;</u> 300KIII	≥ 66kV & ≤ 132kV	279.16 <b>321.03</b>	84.56 <b>97.24</b>	45.93 <b>52.82</b>	91.08 <b>104.74</b>	62.67 <b>72.07</b>	39.77 <b>45.74</b>	12.87 <b>14.80</b>
	> 132kV*	263.11 <b>302.58</b>	79.70 <b>91.66</b>	43.29 <b>49.78</b>	85.85 <b>98.73</b>	59.07 <b>67.93</b>	37.48 <b>43.10</b>	9.38 <b>10.79</b>
	< 500V	295.28 <b>339.57</b>	89.47 <b>102.89</b>	48.57 <b>55.86</b>	96.33 <b>110.78</b>	66.32 <b>76.27</b>	42.07 <b>48.38</b>	25.06 <b>28.82</b>
> 300km &	≥ 500V & < 66kV	291.17 <b>334.85</b>	88.20 <b>101.43</b>	47.90 <b>55.09</b>	94.99 <b>109.24</b>	65.37 <b>75.18</b>	41.47 47.69	22.98 <b>26.43</b>
<u>≤</u> 600km	≥ 66kV & ≤ 132kV	281.91 <b>324.20</b>	85.39 <b>98.20</b>	46.36 <b>53.31</b>	91.96 <b>105.75</b>	63.29 <b>72.78</b>	40.15 <b>46.17</b>	12.92 <b>14.86</b>
	> 132kV*	265.74 <b>305.60</b>	80.51 <b>92.59</b>	43.69 <b>50.24</b>	86.67 <b>99.67</b>	59.65 <b>68.60</b>	37.83 <b>43.50</b>	9.48 10.90
	< 500V	298.22 <b>342.95</b>	90.34 <b>103.89</b>	49.04 <b>56.40</b>	97.29 111.88	66.96 <b>77.00</b>	42.46 <b>48.83</b>	25.18 <b>28.96</b>
> 600km &	≥ 500V & < 66kV	294.10 <b>338.22</b>	89.10 <b>102.47</b>	48.38 <b>55.64</b>	95.93 <b>110.32</b>	66.03 <b>75.93</b>	41.89 48.17	23.05 <b>26.51</b>
<u>≤</u> 900km	≥ 66kV & ≤ 132kV	284.78 <b>327.50</b>	86.27 <b>99.21</b>	46.84 <b>53.87</b>	92.89 <b>106.82</b>	63.94 <b>73.53</b>	40.56 <b>46.64</b>	13.00 <b>14.95</b>
	> 132kV*	268.42 <b>308.68</b>	81.30 <b>93.50</b>	44.17 50.80	87.56 <b>100.69</b>	60.25 <b>69.29</b>	38.24 <b>43.98</b>	9.62 11.06
	< 500V	301.22 <b>346.40</b>		49.55 <b>56.98</b>	98.27 <b>113.01</b>	67.62 <b>77.76</b>	42.92 <b>49.36</b>	25.20 <b>28.98</b>
> 900km	≥ 500V & < 66kV	297.02 <b>341.57</b>	89.97 <b>103.47</b>	48.84 56.17	96.87 <b>111.40</b>	66.66 <b>76.66</b>	42.30 <b>48.65</b>	23.13 <b>26.60</b>
- /UURIII	≥ 66kV & ≤ 132kV	287.64 <b>330.79</b>	87.13 <b>100.20</b>	47.31 <b>54.41</b>	93.82 <b>107.89</b>	64.58 <b>74.27</b>	40.97 <b>47.12</b>	13.05 <b>15.01</b>
	> 132kV*	271.03 <b>311.68</b>	82.14 <b>94.46</b>	44.63 <b>51.32</b>	88.47 <b>101.74</b>	60.91 <b>70.05</b>	38.66 <b>44.46</b>	9.68 11.13

<sup>\* &</sup>gt; 132kV or Transmission connected

Distribution network charges						
Voltage	Network demand charge (c/kWh) Peak & Standard		Urban low voltage subsidy charge (R/kVA/m)			
7 513.85		VAT incl				
< 500V	0.39	0.45	15.47	17.79	0.00	0.00
≥ 500V & < 66kV	0.38	0.44	6.48	7.45	0.00	0.00
≥ 66kV & ≤ 132kV	0.36	0.41	2.26	2.60	13.45	15.47
> 132kV / Transmission connected	0.34	0.39	0.00	0.00	13.45	15.47

Customer categories	Service charge (R/account/day)		Adminis chai (R/POI	rge D/day)
		VAT incl		VAT incl
≤ 100 kVA	13.60	15.64	2.99	3.44
> 100 kVA & ≤ 500 kVA	62.12	71.44	17.42	20.03
> 500 kVA & ≤   MVA	191.16	219.83	34.60	39.79
>   MVA	191.16	219.83	86.15	99.07
Key customer	3745.97	4307.87	119.64	137.59

Reactive energy charge (c/kVArh)					
High season	VAT incl				
5.87	6.75				
Low season	VAT incl				
0.00	0.00				

Electrif & rural r subsidy	etwork	subsidy	dability v charge (Wh)			
(c/k)	∕Vh) ັ	Only payable by non-local authority				
7.45	8.57	3.31	3.81			





## MINIFLEX - Local authority rates

			Active energy charge (c/kWh)							
Trans-		High de	High demand season (Jun-Aug) Low demand season (Sep-May)							
mission zone	Voltage	Peak	Standard	Off Peak	Peak	Standard	Off Peak	(R/kVA/m)		
20110		VAT incl	VAT incl	VAT incl	VAT incl	VAT incl	VAT incl	VAT incl		
	< 500V	300.18 <b>345.21</b>	91.34 <b>105.04</b>	49.84 <b>57.32</b>	98.28 <b>113.02</b>	67.83 <b>78.00</b>	43.23 <b>49.71</b>	25.03 <b>26.58</b>		
< 300km	> 500V & < 66kV	295.45 <b>339.77</b>	89.52 <b>102.95</b>	48.61 <b>55.90</b>	96.38 <b>110.84</b>	66.33 <b>76.28</b>	42.09 <b>48.40</b>	22.93 <b>24.36</b>		
≥ 300KIII	> 66kV & < 132kV	286.13 <b>329.05</b>	86.67 <b>99.67</b>	47.07 <b>54.13</b>	93.34 <b>107.34</b>	64.25 <b>73.89</b>	40.75 <b>46.86</b>	12.88 13.68		
	> 132kV*	269.66 310.11	81.69 93.94	44.36 51.01	87.96 <b>101.15</b>	60.54 <b>69.62</b>	38.41 <b>44.17</b>	9.40 <b>9.99</b>		
	< 500V	302.63 <b>348.02</b>	91.68 105.43	49.78 <b>57.25</b>	98.72 113.53	67.97 <b>78.17</b>	43.11 49.58	25.08 <b>26.64</b>		
> 300km &	≥ 500V & < 66kV	298.40 343.16	90.40 103.96	49.09 <b>56.45</b>	97.35 <b>111.95</b>	67.00 <b>77.05</b>	42.50 <b>48.88</b>	23.01 <b>24.44</b>		
≤ 600km	> 66kV & < 132kV	288.93 <b>332.27</b>	87.52 <b>100.65</b>	47.52 <b>54.65</b>	94.25 108.39	64.86 <b>74.59</b>	41.14 47.31	12.95 <b>13.76</b>		
	> 132kV*	272.35 <b>313.20</b>	82.52 <b>94.90</b>	44.80 51.52	88.83 <b>102.15</b>	61.15 <b>70.32</b>	38.79 <b>44.61</b>	9.49 10.08		
	< 500V	305.65 <b>351.50</b>	92.60 <b>106.49</b>	50.27 <b>57.81</b>	99.70 114.66	68.63 <b>78.92</b>	43.54 <b>50.07</b>	25.21 <b>26.78</b>		
> 600km &	≥ 500V & < 66kV	301.41 <b>346.62</b>	91.30 <b>105.00</b>	49.58 <b>57.02</b>	98.34 <b>113.09</b>	67.64 <b>77.79</b>	42.93 <b>49.37</b>	23.07 <b>24.51</b>		
≤ 900km	≥ 66kV & ≤ 132kV	291.87 335.65	88.40 101.66	48.00 <b>55.20</b>	95.18 <b>109.46</b>	65.51 <b>75.34</b>	41.55 47.78	13.01 13.82		
	> 132kV*	275.08 <b>316.34</b>	83.34 <b>95.84</b>	45.25 <b>52.04</b>	89.74 103.20	61.76 <b>71.02</b>	39.18 <b>45.06</b>	9.62 <b>10.21</b>		
	< 500V	308.72 <b>355.03</b>	93.53 107.56	50.79 <b>58.41</b>	100.71 115.82	69.31 <b>79.71</b>	43.98 <b>50.58</b>	25.23 <b>26.80</b>		
> 900km	≥ 500V & < 66kV	304.42 <b>350.08</b>	92.21 106.04	50.08 <b>57.59</b>	99.29 114.18	68.34 <b>78.59</b>	43.34 <b>49.84</b>	23.17 <b>24.61</b>		
/ 900km	≥ 66kV & ≤ 132kV	294.81 339.03		48.50 5578	96.16 110.58	66.17 <b>76.10</b>	41.98 48.28	13.05 <b>13.86</b>		
	> 132kV*	277.79 <b>319.46</b>	84.19 <b>96.82</b>	45.75 <b>52.61</b>	90.66 104.26	62.41 <b>71.77</b>	39.61 <b>45.55</b>	9.69 <b>10.29</b>		

<sup>\* &</sup>gt; I32kV or Transmission connected

Distribution network charges								
Voltage	Ancillary service charge (c/kWh)			demand charge Peak & Standard	Urban low voltage subsidy charge (R/kVA/m)			
1 3.0.5		VAT incl		VAT incl		VAT incl		
< 500V	0.39	0.45	15.48	17.80	0.00	0.00		
≥ 500V & < 66kV	0.38	0.44	6.50	7.48	0.00	0.00		
≥ 66kV & ≤ 132kV	0.35	0.40	2.25	2.59	13.39	15.40		
> 132kV / Transmission connected	0.33	0.38	0.00	0.00	13.39	15.40		

Customer categories		charge unt/day)	Administration charge (R/POD/day)		
		VAT incl		VAT incl	
≤ 100 kVA	13.54	15.57	2.97	3.42	
> 100 kVA & ≤ 500 kVA	61.89	71.17	17.34	19.94	
> 500 kVA & ≤   MVA	190.47	219.04	34.48	39.65	
> I MVA	190.47	219.04	85.86	98.74	
Key customer	3732.51	4292.39	119.20	137.08	

Reactive energy charge (c/kVArh)					
High season	VAT incl				
5.87	6.75				
Low season	VAT incl				
0.00	0.00				

Electrification & rural network subsidy charge (c/kWh) VAT ind 7.42 8.53





## MEGA TEX Gen

An electricity tariff for Urban, customers connected at medium voltage, high voltage and Transmission voltages that consume energy (importers of energy from the Transmission and Distribution System) and generate energy (exporters of energy to the Transmission and Distribution System) at the same point of supply (or metering point). The following charges shall apply for the consumption and generation of energy:

- seasonally and time-of-use differentiated c/kWh active energy charges including losses, based on the voltage of supply and the Transmission zone for energy supplied at the POD;
- three time-of-use periods namely peak, standard and off-peak;
- the treatment of public holidays for the raising of the active energy charge and the network demand charge;
- a R/account/day service charge based on the monthly utilised capacity (MUC) and/ or maximum export capacity
  of all points of supply/points of delivery linked to an account.
- a R/POD/point of supply/day administration charge based on monthly utilised capacity (MUC) and maximum
  export capacity of each POD/point of supply linked to an account;
- for Transmission connected supplies, the higher of the value of:
  - the a R/kVA/month Transmission network charge (loads) payable each month based on the voltage of the supply, the Transmission zone and the annual utilised capacity measured at the POD applicable during all time periods or,
  - the R/kW/month Transmission network charge (generators) payable each month for transmissionconnected generators based on the Transmission zone for generators and the maximum export capacity applicable during all time periods for each premise;
- for Distribution connected supplies, the higher of the value of:
  - the R/kW/month Distribution network capacity charge (generators) based on the voltage of the supply and the maximum export capacity measured at the POD applicable during all time periods; less
  - a distribution losses charge based on loss factors using the following formula: energy produced in peak, standard and off-peak periods x WEPS rates excluding losses in each TOU period x (Distribution loss factor x Transmission loss factor (for loads)-1) measured at each point of supply not beyond extinction); or the sum of:
  - a R/kVA/month Transmission network charge based on the voltage of the supply, the Transmission zone and the annual utilised capacity measured at the POD applicable during all time periods; and
  - the R/kVA/month Distribution network capacity charge (loads) based on the voltage of the supply and annual utilised capacity measured at the POD applicable during all time periods; and
  - a R/kVA/month Distribution network demand charge based on the voltage of the supply and the chargeable demand at the POD applicable during peak and standard periods;
- for Transmission connected generators a losses charge based on loss factors at each point of supply is applied based on the following formula:
  - energy produced in peak, standard and off-peak periods x WEPS rates excluding losses in each TOU period x (Transmission loss factor (for generators)-1/Transmission loss factor (for generators)).
- a R/kVA urban low voltage subsidy charge based on the voltage of the supply and charged on the annual utilised capacity measured at the POD applicable during all time periods;
- a c/kWh ancillary service charge applied on the total active energy supplied and produced in the month based on the voltage of the supply applicable during all time periods;
- a c/kVArh reactive energy charge supplied in excess of 30% (0,96 power factor or less) of the kWh recorded
  during the peak and standard periods. The excess reactive energy is determined per 30-minute integrating
  period and accumulated for the month and will only be applicable during the high-demand season;
- a c/kWh electrification and rural subsidy (ERS) applied to the total active energy supplied in the month;
- · a c/kWh affordability subsidy charge applied to the total active energy supplied in the month; and
- additional charges in the event of an NMD or MEC exceedance in accordance with the NMD and MEC rules.

#### Notes:

- A comparison is made on a monthly basis to determine the higher (in rand value) of the network charges as a consumer and as a generator located at the same point of supply/ metering point and these rand values will be used for billing purposes.
- The network charges, loss charges, Distribution losses charge, ancillary service charges as well as administration charges and service charge
  applicable for generators will depend on whether the generator is Transmission or Distribution connected.





# MEGAFLEX Gen - Non-local authority rates

			Active energy charge for loads (c/kWh)										work		
Trans-		High demand season (Jun-Aug)						Low demand season (Sep-May)						Capacity charge	
mission zone	Voltage	Pea	<b>k</b> VAT incl	Stan	ndard VAT incl	Off	Peak VAT incl	Pe	ak VAT incl	Stan	dard VAT incl	Off I	Peak VAT incl	(R/kV	<b>/A/m)</b> VAT incl
	< 500V	292.89	336.82	89.11	102.48	48.66	55.96	95.91	110.30	66.18	76.11	42.19	48.52	8.38	9.64
< 300km	≥ 500V & < 66kV	288.29			100.44	47.43	54.54	94.03	108.13	6473	74.44	41.06	47.22	7.66	8.81
	≥ 66kV & ≤ 132kV	279.16 3		84.56	97.24	45.93	52.82	91.08	104.74	62.67	72.07	39.77	45.74	7.46	8.58
	> 132kV*		302.58	79.70	91.66	43.29	49.78	85.85	98.73	59.07	67.93	37.48	43.10	9.42	10.83
	< 500V		339.57	89.47	102.89	48.57	55.86	96.33	110.78	66.32	76.27	42.07	48.38	8.44	9.71
> 300km &	≥ 500V & < 66kV		334.85	88.20	101.43	47.90	55.09	94.99	109.24	65.37	75.18	41.47	47.69	7.73	8.89
<u>≤</u> 600km	≥ 66kV & ≤ 132kV		324.20	85.39	98.20	46.36	53.31	91.96	105.75	63.29	7278	40.15	46.17	7.51	8.64
	> 132kV*	265.74 3		80.51	92.59	43.69	50.24	86.67	99.67	59.65	68.60	37.83	43.50	9.51	10.94
	< 500V	298.22	342.95	90.34	103.89	49.04	56.40	97.29	111.88	66.96	77.00	42.46	48.83	8.54	9.82
> 600km &	≥ 500V & < 66kV	294.40 3			102.47	48.38	55.64	95.93	110.32	66.03	75.93	41.89	48.17	7.80	8.97
<u>≤</u> 900km	≥ 66kV & ≤ 132kV	284.78		86.27	99.21	46.84	53.87	92.89	106.82	63.94	73.53	40.56	46.64	7.56	8.69
	> 132kV*	268.42		81.30	93.50	44.17	50.80	87.56	100.69	60.25	69.29	38.24	43.98	9.65	11.10
	< 500V	301.22		91.28	104.97	49.55	56.98	98.27	113.01	67.62	77.76	42.92	49.36	8.59	9.88
> 900km	≥ 500V & < 66kV	297.02		89.97	103.47	48.84	56.17	96.87	111.40	66.66	76.66	42.30	48.65	7.89	9.07
, 700KIII	<u>≥</u> 66kV & <u>&lt;</u> 132kV	287.64			100.20	47.31	54.41	93.82	107.89	64.58	74.27	40.97	47.12	7.63	8.77
	> 132kV*	271.03	311.68	82.14	94.46	44.63	51.32	88.47	101.74	60.91	70.05	38.66	44.46	9.72	11.18
WEPS energ	y rate excluding losses	260.32 2	299.37	78.86	90.68	42.83	49.26	84.94	97.68	58.44	67.21	37.08	42.65		

<sup>\* &</sup>gt; I32kV or Transmission connected

Distribution network charges for loads								
Voltage				k demand (R/kVA/m)	0.04			
		VAT incl		VAT incl		VAT incl		
< 500V	16.65	19.15	31.57	36.31	0.00	0.00		
≥ 500V & < 66kV	15.27	17.56	28.96	33.30	0.00	0.00		
≥ 66kV & ≤ 132kV	5.45	6.27	10.10	11.62	13.45	15.47		
> 132kV /	0.00	0.00	0.00	0.00	13.45	15.47		
Transmission connected								

Transmission network charge for generators							
TUoS (> 132kV)	Network charge (R/kW) VAT incl						
Cape Karoo KwaZulu-Natal Vaal	0.00 0.00 1.98 6.59	0.00 0.00 2.28					
Waterberg Mpumalanga	8.44 7.83	7.58 9.71 9.00					

Distribution network charges for generators*						
Voltage	Network capacity charg (R/kW/m)					
		VAT incl				
< 500kV	0.00	0.00				
≥ 500kV & < 66kV	0.00	0.00				
<u>&gt;</u> 66kV & ≤ 132kV	13.47	15.49				

<sup>\*</sup> The distribution network charge will be rebated by the losses charge, but not beyond extinction

Ancillary service charge for loads and generators						
Voltage	Ancillary service charge (c/kWh)					
		VAT incl				
< 500V	0.39	0.45				
≥ 500V & < 66kV	0.38	0.44				
≥ 66kV & ≤ 132kV	0.36	0.41				
> 132kV /	0.34	0.39				
Transmission connected						

	unt/day)	Administration charge (R/POD/day)		
	VAT incl		VAT incl	
13.60	15.64	2.99	3.44	
62.12	71.44	17.42	20.03	
191.16	219.83	34.60	39.79	
191.16	219.83	86.15	99.07	
3745.97	4307.87	119.64	137.59	
	13.60 62.12 191.16 191.16	62.12 <b>71.44</b> 191.16 <b>219.83</b> 191.16 <b>219.83</b>	(R/account/day) cha (R/POI VAT incl 13.60 15.64 2.99 62.12 71.44 17.42 191.16 219.83 34.60 191.16 219.83 86.15	

Applicable to loads						
Electrification	Affordability					
& rural network	subsidy charge					
subsidy charge	(c/kWh)					
(c/kWh)	Only payable by					
	non-local authority					
VAT incl	VAT incl					
7.45 <b>8.57</b>	3.31 <b>3.81</b>					

Reactive energy charge (c/kVArh) (loads)					
High season	VAT incl				
13.47	15.49				
Low season	VAT incl				
0.00	0.00				





## **BUSINESS RATE**

Suite of electricity tariffs for commercial usage and non-commercial supplies such as churches, schools, halls, clinics, old-age homes, public lighting or similar supplies in Urban, areas with an NMD of up to 100kVA, with the following charges:

- a single c/kWh active energy charge measured at the POD
- a R/day network capacity charge based on the NMD (size) of the supply;
- a c/kWh network demand charge based on the active energy measured at the POD;
- a c/kWh ancillary service charge based on the active energy measured at the POD;
- An R/day service and administration charge for each POD, which charge shall be payable every month whether any electricity is used or not, based on the applicable daily rate and the number of days in the month.

#### The Businessrate range of tariffs are as follows:

Businessrate I & 4 <sup>2</sup>	single-phase 16 kVA (80 A per phase) dual-phase 32 kVA (80 A per phase) three-phase 25 kVA (40 A per phase)
Businessrate 2	dual-phase 64 kVA (150 A per phase) three-phase 50 kVA (80 A per phase)
Businessrate 3	dual-phase 100 kVA (225 A per phase) three-phase 100 kVA (150 A per phase)

Note: This tariff is the default tariff for public lighting supplies. The public lighting tariff is only used for non-metered public lighting supplies.

<sup>&</sup>lt;sup>2</sup> Conventional or pre-paid option available in this tariff.



For a description of the charges – refer to the definitions – page 7, 8, 9, 10





# BUSINESS PATE - Non-local authority rates

	Energy charge (c/kWh)		Ancillary service charge (c/kWh)		Network demand charge (c/kWh)		Network capacity charge (R/POD/day)		Service and administration charge (R/POD/day)	
										VAT incl
Businessrate I	100.28	115.32	0.39	0.45	14.16	16.28	20.33	23.38	17.56	20.19
Businessrate 2	100.28	115.32	0.39	0.45	14.16	16.28	34.25	39.39	17.56	20.19
Businessrate 3	100.28	115.32	0.39	0.45	14.16	16.28	59.18	68.06	17.56	20.19
Businessrate 4	269.86	310.34	0.39	0.45	14.16	16.28	0.00	0.00	0.00	0.00

# BUSINESS PATE - Local authority rates

	Energy charge (c/kWh)		Ancillary service charge (c/kWh)		Network demand charge (c/kWh)		Network capacity charge (R/POD/day)		Service and administration charge (R/POD/day)	
										VAT incl
Businessrate I	102.78	118.20	0.39	0.45	14.24	16.38	20.43	23.49	17.49	20.11
Businessrate 2	102.78	118.20	0.39	0.45	14.24	16.38	34.45	39.62	17.49	20.11
Businessrate 3	102.78	118.20	0.39	0.45	14.24	16.38	59.53	68.46	17.49	20.11
Businessrate 4	276.57	318.06	0.39	0.45	14.24	16.38	0.00	0.00	0.00	0.00



~ Ingagane Power Station





## **PUBLIC LIGHTING**

Non metered\* electricity tariff for public lighting or similar supplies in Urban, areas where Eskom provides a supply for, and if applicable maintains, any street light or similar public lighting and where, the charge for the supply and service is fixed based on the number of lights and light fixtures. This tariff is applicable only in Eskom-designated Urban, areas.

The suite of Public Lighting tariffs are categorised as follows:

All night (typically streetlights)

24 hours (typically tariff lights)

333.3 hours per month

730 hours per month

\*For metered public lighting or similar supplies refer to Businessrate

This tariff has the following charges:

- the energy charge per light/supply is based on the number of hours for which the supply will be used in a day and the time at which the electricity will be used.
- the energy charge is calculated using either a c/kWh energy rate or a R/I00 W/month energy rate.
- if the c/kWh energy rate is used, kWh is calculated as kWh = number of lights x light wattage x hours in use (not metered).
- a monthly maintenance charge per light or an actual cost charge where Eskom does the maintenance.

The urban fixed tariff is based on a consumption of 200 kWh/month at the All night rate. This is suitable for small urban telephony installations (telephone booths, switchgear installations, etc) and not street lighting.

In order to provide a public lighting service in its licensed area of supply, Eskom will enter into a written Electricity Supply Agreement for Public Lighting with a recognised representative body with legal powers, e.g. a local authority, the traffic department, etc. which, in turn, normally provides a service to the general public. Eskom will not enter into an electricity supply agreement with home dwellers for public lighting services. A separate maintenance contract is required where Eskom does maintenance of the street light infrastructure.

Typical supplies are neon and billboard signs, traffic lights, street lights and lights in telephone booths.

#### **Connection fees**

Actual cost per streetlight connection or per high-mast connection.

#### **Energy charge**

For the non-metered Public Lighting tariff an energy charge based on the number of hours in a day for which the supply will be used and the time at which the electricity will be used, is payable per month per light fitting. The energy charge covers the supply of electricity, the maintenance and operation of Eskom's networks and excludes the meter and the meter costs.

#### Maintenance charge

A separate maintenance charge will be raised where Eskom contracts with a Local Authority to maintain the street light infrastructure (the poles, light fitting etc.) The maintenance charge is raised either as actual costs or a fixed fee. Eskom's preferred approach is to raise actual costs. It is to be noted that the street light infrastructure is not an Eskom asset. This charge is payable irrespective of the Eskom tariff applied to the Public Lighting supply.





# PUBLIC LIGHTING - Non-local authority rates

		All night		24 H	lours
			VAT incl		VAT incl
Dublic liebaine	Energy charge (c/kWh)	79.80	91.77	106.85	122.88
Public lighting	Energy charge (R/100W/month)	24.97	28.72	71.97	82.77
Public lighting - Urban Fixed	Fixed charge (R/POD/day)	5.25	6.04		

	Fixed maintenance charges	R/m	n <b>onth</b> VAT incl
ı	Per lumanaire	42.32	48.67
	Per high-mast lumanaire	985.07	1132.83

## **PUBLIC LIGHTING** - Local authority rates

		All r	night VAT incl	24 H	lours VAT incl
Public lighting	Energy charge (c/kWh) Energy charge (R/100W/month)	82.96 25.34	95.40 29.14	111.09 73.03	127.75 83.98
Public lighting - Urban Fixed	Fixed charge (R/POD/day)	5.45	6.27		

Fixed maintenance charges	<b>R/month</b> VAT incl		
Per lumanaire	43.78	50.34	
Per high-mast lumanaire	1022.35	1175.70	



~ West Bank Power Station



## Residential tariffs

## HOMEPOWER Bulk

An electricity tariff for residential bulk supplies to sectional title developments\* only, applicable to non-local authority supplies only with the following charges:

- a c/kWh energy charges applied to all energy consumed,
- a R/kVA network capacity charge based on the NMD or if measured the maximum demand of the supply;

<sup>\*</sup> Sectional title developments also have a choice of other applicable tariffs such as Homepower Standard, Miniflex and Nightsave Urban small.

	Energy charge Network c (c/kWh) charge (R.			
				VAT incl
Homepower Bulk < 500V*	154.31	177.46	31.93	36.72

<sup>\*</sup>The Network capacity charge is based on the NMD or on the maximum demand if measured.

## **HOME POWER** Standard

Suite of electricity tariffs for residential customers and also may be applied to supplies such as churches, schools, halls, clinics, old-age homes or similar supplies in Urban, areas with an NMD of up to 100 kVA, with the following charges:

The Homepower Standard tariff is made up of a range of tariffs, as follows:

Homepower I	dual-phase 32 kVA (80 A per phase) three-phase 25 kVA (40 A per phase)
Homepower 2	dual-phase 64 kVA (150 A per phase) three-phase 50 kVA (80 A per phase)
Homepower 3	dual-phase 100 kVA (225 A per phase) three-phase 100 kVA (150 A per phase)
Homepower 4	single-phase 16 kVA (80 A per phase)

The Homepower Standard tariffs for Non-local and Local Authority supplies has the following charges:

- Inclining block rate c/kWh energy charges applied to all energy consumed, divided into two consumption blocks;
- a R/POD/day network capacity charge based on the NMD (size) of the supply;

This tariff is applicable to billed or prepaid supplies, but the network capacity charges remains payable in both instances.

For a description of the charges - refer to the definitions - page 7, 8, 9, 10



# HOMEPOWER Standard - Non-local authority rates

	Energy charge (c/kWh)			Network capacity charge (R/POD/day)		
	Block I (>0-600kWh)		Block 2 (>600kWh)		charge (10)	OD/day)
	( 3 33	VAT incl	( 222	VAT incl		VAT incl
Homepower I	117.53	135.16	185.58	213.42	5.03	5.78
Homepower 2	117.53	135.16	180.94	208.08	9.43	10.84
Homepower 3	117.53	135.16	180.94	208.08	19.48	22.40
Homepower 4	117.53	135.16	189.00	217.35	3.07	3.53

# **HOMEPOWER** Standard - Local authority rates

	E	Energy char	)	Network charge (R/I		
	Block I (>0-600kWh)		Blod (>600		charge (10)	OD/day)
	(	VAT incl	( 333	VAT incl		VAT incl
Homepower I	117.65	135.30	185.77	213.64	5.03	5.78
Homepower 2	117.65	135.30	181.11	208.28	9.44	10.86
Homepower 3	117.65	135.30	181.11	208.28	19.50	22.43
Homepower 4	117.65	135.30	189.19	217.57	3.08	3.54







#### HOMETGHT

Suite of electricity tariffs based on the size of the supply that provides a subsidy to low-usage single phase residential supplies in Urban, and electrification areas and has the following charges:

For non-local authority billed and prepayment metered customers:

• Inclining block rate c/kWh energy charges applied to all energy consumed, divided into two consumption blocks;

The Homelight range of tariffs are:

Homelight 20A	20A supply size (NMD) typically for low consuming supplies
Homelight 60A	60A prepayment or 80A conventional or smart metered supply size (NMD) typically for medium to high consuming supplies

#### Explanation of the capacity of the supply

Any combination of appliances can be used at the same time as long as the capacity of all appliances does not exceed a maximum of  $4\,200\,W$  for 20A limited supplies and  $12\,500\,W$  for 60A limited supplies.

Any customer who wish to upgrade their supply from 20A to 60A should be aware that a connection fee is payable.

## **HOME IGHT** - Non-local authority rates

	Energy charge (c/kWh)					
	Bloo (>0-60		Bloo (>600			
Homelight 60A	111.19	127.87	189.00	217.35		

	Energy charge (c/kWh)						
	Bloc (>0-35		Bloc (>350				
Homelight 20A	98.24	112.98	111.32	128.02			

Note: Homelight does not apply to Local Authority tariffs.





## NIGHTSAVE Rural

Electricity tariff for high load factor Rural, customers, with an NMD from 25 kVA at a supply voltage < 22 kV (or 33 kV where designated by Eskom as Rural,), and has the following charges:

- seasonally differentiated c/kWh active energy charges including losses based on the voltage of the supply and the transmission zone
- seasonally differentiated R/kVA energy demand charges based on the voltage of the supply, the transmission zone and charged on the chargeable demand in peak periods;
- the treatment of public holidays for the raising of the energy demand charge and the network demand charge;
- a bundled R/kVA/month Transmission and Distribution network capacity charge based on the voltage of the supply, the transmission zone and the annual utilised capacity measured at the POD applicable during all time periods.
- a c/kWh Distribution network demand charge based on the voltage of the supply and the energy measured at the POD during all TOU periods;
- a c/kWh ancillary service charge based on the voltage of the supply applicable during all time periods;
- a R/account/day service charge based on the monthly utilised capacity of each POD linked to an account
- a R/POD/day administration charge based on the monthly utilised capacity of each POD linked to an account
- additional charges in the event of an NMD exceedance in accordance with the NMD rules.



For a description of the charges – refer to the definitions – page 7, 8, 9, 10



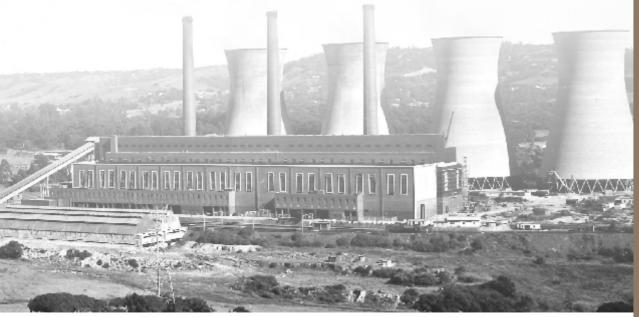


## **NIGHTSAVE** Rural - Non-local authority rates

		Active	e energy o	c/kWh)	Energy	demand c	R/kVA/m)	Network			
Transmission zone	Voltage		lemand Jun-Aug) VAT incl		demand (Sep-May) VAT incl		demand (Jun-Aug) VAT incl		demand (Sep-May) VAT incl	capacity	v charges VA/m) VAT incl
< 300km	< 500V	73.97	85.07	57.48	66.10	247.85	285.03	131.18	150.86	12.53	14.41
	≥ 500V & ≤ 22kV	73.10	84.07	56.83	65.35	240.17	276.20	126.52	145.50	11.51	13.24
> 300km &	< 500V	74.70	85.91	58.06	66.77	250.84	288.47	133.00	152.95	12.56	14.44
<u>≤</u> 600km	≥ 500V & ≤ 22kV	73.85	84.93	57.40	66.01	243.10	279.57	128.28	147.52	11.56	13.29
> 600km &	< 500V	75.45	86.77	58.62	67.41	253.85	291.93	134.79	155.01	12.68	14.58
<u>≤</u> 900km	≥ 500V & ≤ 22kV	74.58	85.77	57.98	66.68	246.02	282.92	130.05	149.56	11.64	13.39
> 900km	< 500V	76.20	87.63	59.21	68.09	256.93	295.47	136.65	157.15	12.71	14.62
/ 700Km	≥ 500V & ≤ 22kV	75.30	86.60	58.54	67.32	249.02	286.37	131.87	151.65	11.66	13.41

Customer categories		charge unt/day)	Administration charge (R/POD/day)		
		VAT incl		VAT incl	
≤ 100kVA	17.23	19.81	4.89	5.62	
> 100kVA & ≤ 500kVA	58.75	67.56	27.24	31.33	
> 500kVA & ≤   MVA	180.75	207.86	41.81	48.08	
>   MVA	180.75	207.86	77.58	89.22	
Key customer	3542.53	4073.91	77.58	89.22	

Voltage		y service (c/kWh)	in all times	
		VAT incl		
< 500V ≥ 500V & ≤ 22kV	0.39 0.39	0.45 0.45	24.93 21.86	28.67 25.14



~ Umgeni Power Station



## **NIGHTSAVE** Rural - Local authority rates

		Activ	ve energy o	(c/kWh)	Energy demand charge (R/kVA/m)				Network		
Transmission zone	Voltage								demand (Sep-May)	capacity	charges /A/m)
			VAT incl		VAT incl		VAT incl		VAT incl		VAT incl
< 300km	< 500V	75.81	87.18	58.91	67.75	248.09	285.30	131.32	151.02	12.67	14.57
<u>=</u> 500km	≥ 500V & ≤ 22kV	74.92	86.16	58.25	66.99	240.41	276.47	126.63	145.62	11.63	13.37
> 300km &	< 500V	76.57	88.06	59.51	68.44	251.11	288.78	133.13	153.10	12.70	14.61
<u>&lt;</u> 600km	≥ 500V & ≤ 22kV	75.66	87.01	58.83	67.65	243.35	279.85	128.40	147.66	11.68	13.43
> 600km &	< 500V	77.31	88.91	60.08	69.09	254.11	292.23	134.92	155.16	12.82	14.74
<u>&lt;</u> 900km	≥ 500V & ≤ 22kV	76.41	87.87	59.41	68.32	246.28	283.22	130.18	149.71	11.75	13.51
> 900km	< 500V	78.09	89.80	60.67	69.77	257.19	295.77	136.78	157.30	12.84	14.77
- 700KIII	≥ 500V & ≤ 22kV	77.16	88.73	59.98	68.98	249.28	286.67	132.00	151.80	11.76	13.52

Customer categories		charge unt/day)	Adminis cha (R/PO	rge
		VAT incl		VAT incl
<u>≤</u> 100kVA	17.17	19.75	4.87	5.60
> 100kVA & < 500kVA	58.55	67.33	27.14	31.21
> 500kVA & ≤   MVA	180.12	207.14	41.65	47.90
> I MVA	180.12	207.14	77.30	88.90
Key customer	3529.79	4059.26	77.30	88.90

Voltage		y service (c/kWh)	Network demand charge (c/kWh) in all time-of-use periods		
		VAT incl		VAT incl	
< 500V ≥ 500V & ≤ 22kV	0.39 0.39	0.45 0.45	25.21 22.06	28.99 25.37	



~ Taaibos Power Station





#### RURA TIE

TOU electricity tariff for Rural, customers with dual and three-phase supplies with an NMD from 25 kVA with a supply voltage < 22kV (or 33 kV where designated by Eskom as Rural,) and has the following charges:

- seasonally and time-of-use differentiated c/kWh active energy charges including losses, based on the voltage of supply and the transmission zone;
- three time-of-use periods namely peak, standard and off-peak;
- the treatment of public holidays for the raising of the active energy charge and the network demand charge;
- a R/kVA/month network capacity charge combining the Transmission and Distribution network capacity charges based on the voltage of the supply, the transmission zone and the annual utilised capacity measured at the POD applicable during all time periods.
- a c/kWh Distribution network demand charge based on the voltage of the supply and the energy measured at the POD during all TOU periods;
- a c/kWh ancillary service charge based on the voltage of the supply applicable during all time periods;
- a R/account/day service charge based on the monthly utilised capacity of each account;
- a R/POD/day administration charge based on the monthly utilised capacity of each POD linked to an account;
- a c/kVArh reactive energy charge supplied in excess of 30% (0,96 power factor or less) of the kWh recorded
  during the entire billing period. The excess reactive energy is determined using the billing period totals and will
  only be applicable during the high-demand season;
- additional charges in the event of an NMD exceedance in accordance with the NMD rules.



For a description of the charges – refer to the definitions – page 7, 8, 9, 10

<sup>\*</sup> Note that some rural networks with a voltage of 33 kV have been specifically designated by Eskom as rural reticulation networks.





## RURA - Non-local authority rates

			Active energy charge (c/kWh)										Network		
Trans-		High demand season (Jun-Aug)						Low demand season (Sep-May)					capa char	,	
mission zone	Voltage	Pe	ak VAT incl		idard VAT incl	Off	Peak VAT incl	Pe	ak VAT incl	Stan	dard VAT incl	Off	Peak VAT incl	(R/kV	'Ā/m) VAT incl
	< 500V	202.27				40.00		00.02		(0.00		42.10		17.51	
<u>≤</u> 300km			348.76		105.66		57.39	98.93	113.77	68.08	78.29	43.19	49.67	17.51	20.14
	<u>≥</u> 500V & <u>≤</u> 22kV	300.27	345.31	90.97	104.62		56.80	97.96			77.52	42.75	49.16	16.05	18.46
> 300km &	< 500V	306.31	352.26	92.79	106.71	50.39	57.95	99.91	114.90	68.77	79.09	43.64	50.19	17.56	20.19
<u>≤</u> 600km	≥ 500V & ≤ 22kV	303.26	348.75	91.87	105.65	49.90	57.39	98.93	113.77	68.07	78.28	43.19	49.67	16.15	18.57
> 600km &	< 500V	309.38	355.79	93.73	107.79	50.89	58.52	100.92	116.06	69.45	79.87	44.07	50.68	17.66	20.31
<u>≤</u> 900km	≥ 500V & ≤ 22kV	306.30	352.25	92.78	106.70	50.39	57.95	99.91	114.90	68.77	79.09	43.64	50.19	16.22	18.65
> 0001	< 500V	312.46	359.33	94.66	108.86	51.39	59.10	101.90	117.19	70.14	80.66	44.51	51.19	17.73	20.39
> 900km	≥ 500V & ≤ 22kV	309.37	355.78	93.73	107.79	50.89	58.52	100.92	116.06	69.45	79.87	44.07	50.68	16.23	18.66

Customer categories		charge unt/day)	Administration charge (R/POD/day)		
		VAT incl		VAT incl	
≤ 100kVA	17.23	19.81	4.89	5.62	
> 100kVA & < 500kVA	58.75	67.56	27.24	31.33	
> 500kVA & ≤ 1 MVA	180.75	207.86	41.81	48.08	
> I MVA	180.75	207.86	77.58	89.22	
Key customer	3542.53	4073.91	77.58	89.22	

Voltage		y service (c/kWh) VAT incl	charge in all tir	k demand (c/kWh) ne-of-use riods VAT incl
< 500V	0.39	0.45	24.93	28.67
≥ 500V & ≤ 22kV	0.39	0.45	21.86	25.14

Reactive energy charge (c/kVArh)			
High season	VAT incl		
8.42	9.68		
Low season	VAT incl		
0.00	0.00		







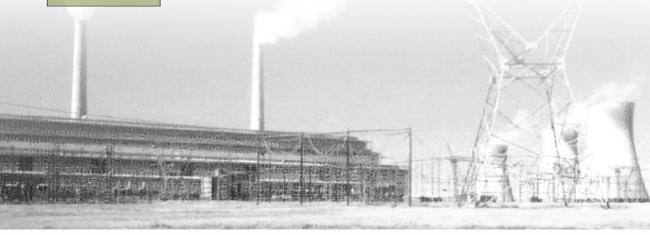
# RURA 113X - Local authority rates

			Active energy charge (c/kWh)									Network		
Trans-			High de	mand s	eason (J	un-Aug	)	Low demand season (Sep-May)					capacity charges	
mission zone	Voltage	Pe	ak VAT incl		dard VAT incl	Off	Peak VAT incl	Peak VAT incl	Standard VAT incl		Off Peak VAT incl		(R/kVĀ/m) VAT incl	
< 300km	< 500V	310.83	357.45	94.15	108.27	51.14	58.81	101.40 116.61	69.78	80.25	44.27	50.91	17.68	20.33
_ 300KIII	≥ 500V & ≤ 22kV	307.74	353.90	93.23	107.21	50.62	58.21	100.41 115.47	69.07	79.43	43.82	5039	16.22	18.65
> 300km &	< 500V	313.92	361.01	95.11	109.38	51.62	59.36	102.39 117.75	70.48	81.05	44.72	51.43	17.75	20.41
<u>≤</u> 600km	≥ 500V & ≤ 22kV	310.82	357.44	94.14	108.26	51.14	58.81	101.40 116.61	69.77	80.24	44.27	50.91	16.31	18.76
> 600km &	< 500V	317.07	364.63	96.04	110.45	52.16	59.98	103.42 118.93	71.16	81.83	45.17	51.95	17.85	20.53
<u>≤</u> 900km	≥ 500V & ≤ 22kV	313.91	361.00	95.10	109.37	51.62	59.36	102.39 117.75	70.48	81.05	44.72	51.43	16.39	18.85
> 0001	< 500V	320.24	368.28	97.03	111.58	52.65	60.55	104.44 120.11	71.90	82.69	45.61	52.45	17.90	20.59
> 900km	≥ 500V & ≤ 22kV	317.06	364.62	96.04	110.45	52.16	59.98	103.42 118.93	71.16	81.83	45.17	51.95	16.40	18.86

Customer categories		charge unt/day)	Administration charge (R/POD/day)		
		VAT incl		VAT incl	
≤ 100kVA	17.17	19.75	4.87	5.60	
> 100kVA & ≤ 500kVA	58.55	67.33	27.14	31.21	
> 500kVA & <   MVA	180.12	207.14	41.65	47.90	
>   MVA	180.12	207.14	77.30	88.90	
Key customer	3529.79	4059.26	77.30	88.90	

Voltage		y service (c/kWh)	Network demand charge (c/kWh) in all time-of-use periods		
				VAT incl	
< 500V ≥ 500V & ≤ 22kV	0.39 0.39	0.45 0.45	25.21 22.06	28.99 25.37	

Reactive energy charge (c/kVArh)									
High season VAT incl									
8.38	9.64								
Low season	VAT incl								
0.00	0.00								







### RURA TEX Gen

An electricity tariff for Rural, customers consuming energy (importers of energy from the Eskom System) and generate energy (exporters of energy to the Eskom System) at the same point of supply (or metering point). The following charges shall apply for the consumption and generation of energy:

- seasonally and time-of-use differentiated c/kWh active energy charges including losses, based on the voltage of supply and the Transmission zone;
- three time-of-use periods namely peak, standard and off-peak;
- the treatment of public holidays for the raising of the active energy charge and the network demand charge;
- a R/kVA/month network capacity charge combining the Transmission and Distribution network capacity charges based on the voltage of the supply, the Transmission zone and the annual utilised capacity measured at the POD applicable during all time periods;
- a c/kWh Distribution network demand charge based on the voltage of the supply and the energy measured at the POD during all TOU periods;
- a c/kWh ancillary service charge applied on the total active energy supplied and produced in the month based on the voltage of the supply applicable during all time periods;
- a R/account/day service charge based on the monthly utilised capacity of each account;
- a R/POD/day administration charge based on the monthly utilised capacity of each premise linked to an account;
- a c/kvarh reactive energy charge supplied in excess of 30% (0,96 PF) of the kWh recorded during the entire billing
  period. The excess reactive energy is determined using the billing period totals and will only be applicable during
  the high-demand season; and
- additional charges in the event of an NMD exceedance in accordance with the NMD rules.



For a description of the charges - refer to the definitions - page 7, 8, 9, 10



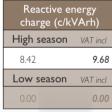


# RURA FLEX Gen - Non-local authority rates

			Active energy charge (c/kWh)									vork			
Trans-		High demand season (Jun-Aug)							Low demand season (Sep-May)					capa char	
mission zone	Voltage	Pe	ak VAT incl		ndard VAT incl	Off	Peak VAT incl	Pe	ak VAT incl	Stan	dard VAT incl	Off	Peak VAT incl	(R/kV	'Ā/m) VAT incl
			VAT INCI		VAT INCI		VATIFICE		VAT INCI		VAT INCI		VAT INCI		VAT INCI
< 300km	< 500V	303.27	348.76	91.88	105.66	4990	57.39	98.93	113.77	68.08	78.29	43.19	49.67	17.51	20.14
<u> </u>	≥ 500V & ≤ 22kV	300.27	345.31	90.97	104.62	49.39	56.80	97.96	112.65	67.41	77.52	42.75	49.16	16.05	18.46
> 300km &	< 500V	306.31	352.26	92.79	106.71	50.39	57.95	99.91	114.90	68.77	79.09	43.64	50.19	17.56	20.19
<u>≤</u> 600km	≥ 500V & ≤ 22kV	303.26	348.75	91.87	105.65	49.90	57.39	98.93	113.77	68.07	78.28	43.19	49.67	16.15	18.57
> 600km &	< 500V	309.38	355.79	93.73	107.79	50.89	58.52	100.92	116.06	69.45	79.87	44.07	50.68	17.66	20.31
<u>≤</u> 900km	≥ 500V & ≤ 22kV	306.30	352.25	92.78	106.70	50.39	57.95	99.91	114.90	68.77	79.09	43.64	50.19	16.22	18.65
> 0001	< 500V	312.46	359.33	94.66	108.86	51.39	59.10	101.90	117.19	70.14	80.66	44.51	51.19	17.73	20.39
> 900km	≥ 500V & ≤ 22kV	309.37	355.78	93.73	107.79	50.89	58.52	100.92	116.06	69.45	79.87	44.07	50.68	16.23	18.66

Customer categories (kVA or MVA = loads) (kW or MW = generators)		charge unt/day)	Administration charge (R/POD/day)		
3 /		VATING		VAT IIIG	
≤ 100kVA/kW	17.23	19.81	4.89	5.62	
> 100kVA/kW & < 500kVA/kW	58.75	67.56	27.24	31.33	
> 500kVA/kW & <   MVA/MW	180.75	207.86	41.81	48.08	
> I MVA/MW	180.75	207.86	77.58	89.22	
Key customer	3542.53	4073.91	77.58	89.22	

Voltage	Ancillary service charge for loads and generators Ancillary service charge (c/kWh)		charge for loa time-	k demand (c/kWh) ids in all of-use riods
	VAT incl			VAT incl
< 500V ≥ 500V & ≤ 22kV	0.39 0.39	0.45 0.45	24.93 21.86	28.67 25.14









### LANDRATE

Suite of electricity tariffs for Rural, customers with single, dual or three-phase conventionally metered supplies with an NMD up to 100 kVA, with a supply voltage < 500 V with the following charges:

- a single c/kWh active energy charge measured at the POD
- a R/day network capacity charge based on the NMD of the supply;
- a c/kWh network demand charge based on the active energy measured at the POD;
- a c/kWh ancillary service charge based on the active energy measured at the POD.
- a R/day service and administration charge for each POD, which charge shall be payable every month whether any electricity is used or not, based on the applicable daily rate and the number of days in the month.
- Landrate Dx is a non-metered supply with a fixed charge based on Landrate 4, typically suited to small telecommunication installations, where the electricity usage is low enough not to warrant metering for billing purposes.

### LAND RATE DX

An electricity tariff for Rural, single phase non-metered supplies limited to 5kVA typically suited to small telecommunication installations where the electricity usage is low enough not to warrant metering for billing purposes and has the following charges:

 A R/day R/POD fixed charge based on Landrate 4 at 200 kWh per month inclusive of energy, ancillary services, network and service charges.

#### The Landrate range of tariffs are:

_	
Landrate I	single-phase 16 kVA (80 A per phase) dual-phase 32 kVA (80 A per phase) three-phase 25 kVA (40 A per phase)
Landrate 2	dual-phase 64 kVA (150 A per phase) three-phase 50 kVA (80 A per phase)
Landrate 3	dual-phase 100 kVA (225 A per phase) three-phase 100 kVA (150 A per phase)
Landrate 4	single-phase 16 kVA (80 A per phase)
Landrate Dx	single-phase 5 kVA (limited to 10 A per phase)

# LANDRATE - Non-local authority rates

	Energy charge (c/kWh)		Ancillary service charge (c/kWh)		Network demand charge (c/kWh)		Network capacity charge (R/POD/day)		Service (R/POE	
								VAT incl		VAT incl
Landrate I	99.79	114.76	0.39	0.45	24.93	28.67	26.65	30.65	22.13	25.45
Landrate 2	99.79	114.76	0.39	0.45	24.93	28.67	40.97	47.12	22.13	25.45
Landrate 3	99.79	114.76	0.39	0.45	24.93	28.67	65.50	75.33	22.13	25.45
Landrate 4	215.53	247.86	0.39	0.45	24.93	28.67	21.22	24.40	0.00	0.00
Landrate Dx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.46	54.58

For a description of the charges - refer to the definitions - page 7, 8, 9, 10





LANDRATE - Local authority rates

	Energy (c/k\		Ancillary service charge (c/kWh)		Network demand charge (c/kWh)		Network capacity charge (R/POD/day)		Service (R/POE	
								VAT incl		VAT incl
Landrate I	102.27	117.61	0.39	0.45	25.21	28.99	26.92	30.96	22.04	25.35
Landrate 2	102.27	117.61	0.39	0.45	25.21	28.99	41.38	47.59	22.04	25.35
Landrate 3	102.27	117.61	0.39	0.45	25.21	28.99	66.17	76.10	22.04	25.35
Landrate 4	220.89	254.02	0.39	0.45	25.21	28.99	21.44	24.66	0.00	0.00
Landrate Dx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.68	54.84

### LAND

An electricity tariff that provides a subsidy to low-usage single phase supplies in Rural, areas and being a prepaid supply and has the following charges:

- a single c/kWh active energy charge;
- no fixed charges applicable;
- not applicable to local-authority supplies

The suite of Landlight tariffs are:

Tariff	Supply size/NMD					
Landlight 20A	20A					
Landlight 60A	60A					

# LAND - Non-local authority rates

	Energy (c/k\	
Landlight 20A	286.93	329.97
Landlight 60A	369.89	425.37



# **%** Eskom

### Generators tariffs

### Generator tariffs

### Use of system charges for Transmission connected generator customers

#### **TUOS** network charge for generators

The following TUoS charges are payable by generators directly connected to the Transmission System, based on the maximum export capacity:

Refer to page 45 for a map of the Transmission zones applicable to Transmission connected generators

TUoS network charges for Transmission connected generators	Network c (R/kW	
		VAT incl
Саре	0.00	0.00
Karoo	0.00	0.00
KwaZulu-Natal	1.98	2.28
Vaal	6.59	7.58
Waterberg	8.44	9.71
Mpumalanga	7.83	9.00

### TUoS transmission losses charge for generators

The losses charge for transmission connected generators shall be calculated as follows:

- Transmission losses charge = energy produced in peak, standard, and off-peak periods x WEPS rate excluding losses in peak, standard, and off-peak periods x (Transmission loss factor I/ Transmission loss factor). Refer to Appendix D for the WEPS rates excluding losses.
- Refer to Appendix E for the loss factors.

### Ancillary service charge for Transmission connected generators and loads

The following ancillary service charges are payable by all generators and loads connected to the Transmission System based on the active energy as measured at the point of supply:

TUoS ancillary service charge for Transmission connected	Ancillary service charge (c/kWh)
loads and generators	VAT incl
Generators	0.34 <b>0.39</b>
Loads	0.34 <b>0.39</b>





### Use of system charges for Distribution connected generators

#### **DUOS** network charge for generators

The following DUoS network charge is payable by generators directly connected to the Distribution System, on the maximum export capacity.

DUoS network charges for Generators					
Voltage	Voltage Network capacity charge (R/kW/m)				
		VAT incl			
< 500V	0.00	0.00			
≥ 500V & < 66kV	0.00	0.00			
≥ 66kV & ≤ 132kV	13.47	15.49			

### **DUoS** distribution losses charge for generators

The DUoS generator network charge shall be rebated based on the following formula:

- distribution losses charge = energy produced in peak, standard, and off-peak periods x WEPS rate excluding losses in peak, standard, and off-peak periods x (Distribution loss factor x Transmission loss factor I) Refer to Appendix D for the WEPS rates excluding losses.
- Refer to Appendix E for the loss factors.

#### Ancillary service charge for Distribution connected generators

The following ancillary service charges are payable by generators directly connected to the Distribution system based on the active energy consumed or generated as measured at the point of supply:

DUoS ancillary service charge Urban <sub>p</sub>					
Voltage	Charge (c/kWh)				
	VAT inc				
< 500V	0.39	0.45			
≥ 500V & < 66kV	0.38	0.44			
≥ 66kV & ≤ 132kV	0.36	0.41			

DUoS ancillary service charge Rural,					
Voltage	Charge (c/kWh)				
		VAT incl			
< 500V	0.39	0.45			
≥ 500V & ≤ 22kV	0.39	0.45			

### Urban, Service and administration charges for Transmission and Distribution connected generators

The following DUoS and TUoS service and administration charges are payable by Urban, generators based on the maximum export capacity:

DUoS service and administration charge (urban,)								
Customer categories	Service charge		Adminis	stration				
utilised capacity / maximum	(R/acco	unt/day)	cha	rge				
export capacity			(R/POD/day)					
(kVA or MVA = loads)								
(kW or MW = generators)		VAT incl		VAT incl				
<u>&lt;</u> 100 kVA/kW	13.60	15.64	2.99	3.44				
> 100 kVA/kW & ≤ 500 kVA/kW	62.12	71.44	17.42	20.03				
> 500 kVA/kW & ≤   MVA/MW	191.16	219.83	34.60	39.79				
> I MVA/MW	191.16	219.83	86.15	99.07				
Key customer / Transmission connected	3745.97	4307.87	119.64	137.59				

For a description of the charges – refer to the definitions – page 7, 8, 9, 10





### Rural, Service and administration charges for generators

The following DUoS service and administration charges are payable by Rural, generators based on the maximum export capacity:

### Rural<sub>B</sub> Service and administration charges

DUoS service and administration charge (rural,)								
Customer categories utilised capacity / maximum export capacity (kVA or MVA = loads)	Service (R/acco	charge unt/day)	Adminis cha (R/POI	rge				
(kW or MW = generators)		VAT incl		VAT incl				
≤ 100 kVA/kW	17.23	19.81	4.89	5.62				
> 100 kVA/kW & < 500 kVA/kW	58.75	67.56	27.24	31.33				
> 500 kVA/kW & ≤   MVA/MW	180.75	207.86	41.81	48.08				
> I MVA/MW	180.75	207.86	77.58	89.22				
Key customer / Transmission connected	3542.53	4073.91	77.58	89.22				

Refer to the Schedule of Standard Prices (www.eskom.co.za/tariffs), paragraphs 39-43 for the charges applicable to generators, wheeling and net billing



For a description of the charges – refer to the definitions – page 7, 8, 9, 10

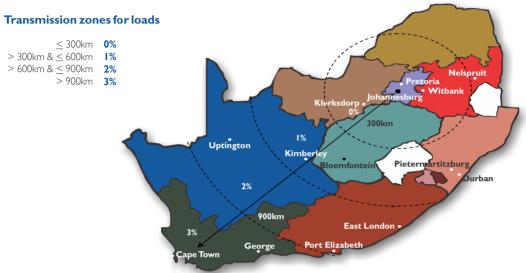
~ Taaibos River Power Station



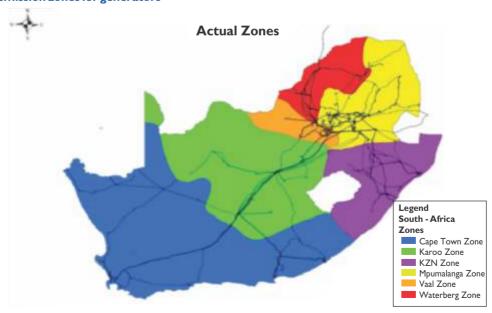


# Appendix A - Transmission zone and applicable percentages

The transmission network charge is subject to a transmission surcharge. Where transmission network charges are applicable they are shown inclusive of the surcharge. The surcharge rate depends on the distance from a central point in Johannesburg.



#### **Transmission zones for generators**







### Appendix B - Treatment of public holidays for 2018/19

The table below indicates the treatment of public holidays in terms of the following tariffs, namely Nightsave (Urban Large & Small), WEPS, Megaflex, Megaflex Gen and Miniflex tariffs for the period 1 April 2018 to 31 March 2019 for non-local-authority supplies. The holidays from 21 March 2019 until 16 June 2019 are shown to accommodate local authority supplies. The appropriate seasonally differentiated energy charges, energy demand charges and network demand charges will be applicable on these days. Any unexpectedly announced public holiday will be treated as the day of the week on which it falls.

The following public holidays will always be treated as a Sunday for Miniflex, Megaflex, Megaflex Gen, WEPS tariffs; New Year's Day, Good Friday, Family Day, Christmas Day and Day of Goodwill. All other days will be treated as a Saturday unless it falls on a Sunday in which case it will be treated as a Sunday.

All public holidays for the Nightsave Rural, Ruraflex and Ruraflex Gen tariffs will be treated as the day of the week on

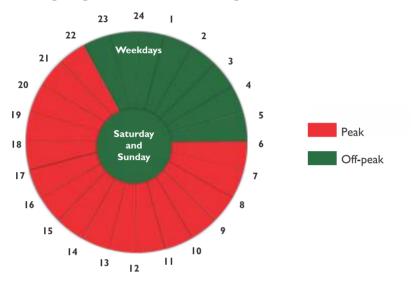
			TOU day	y treated as		
Date	Day	Actual day of the week	NIGHTSAVE Urban Large & Small	MEGATLEX MINITUEX WEPS, Megaflex Gen		
02 April 2018	Family Day	Monday	Sunday	Sunday		
27 April 2018	Freedom Day	Friday	Sunday	Saturday		
01 May 2018	Workers Day	Tuesday	Sunday	Saturday		
16 June 2018	Youth Day	Saturday	Sunday	Saturday		
9 August 2018	National Women's Day	Thursday	Sunday	Saturday		
24 September 2018	Heritage Day	Monday	Sunday	Saturday		
16 December 2018	Day of Reconciliation	Sunday	Sunday	Sunday		
17 December 2018	Public Holiday	Monday	Sunday	Saturday		
25 December 2018	Christmas Day	Tuesday	Sunday	Sunday		
26 December 2018	Day of Goodwill	Wednesday	Sunday	Sunday		
I January 2019	New Year's Day	Tuesday	Sunday	Sunday		
21 March 2019	Human Rights Day	Thursday	Sunday	Saturday		
19 April 2019	Good Friday	Friday	Sunday	Sunday		
22 April 2019	Family Day	Monday	Sunday	Sunday		
27 April 2019	Freedom Day	Saturday	Sunday	Saturday		
I May 2019	Worker's Day	Wednesday	Sunday	Saturday		
16 June 2019	Youth Day	Sunday	Sunday	Sunday		
17 June 2019	Public Holiday	Monday	Sunday	Saturday		



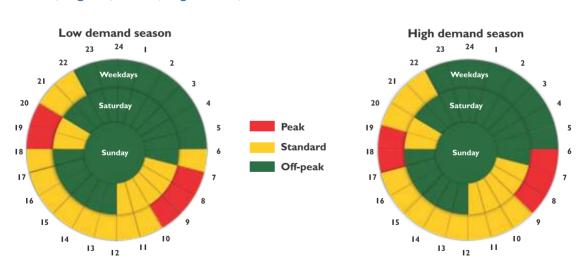


### **Appendix C** - Eskom's defined time-of-use periods

### Nightsave Urban Large, Nightsave Urban Small and Nightsave Rural



### WEPS, Megaflex, Miniflex, Megaflex Gen, Ruraflex Gen and Ruraflex







### Appendix D - WEPS energy rate excluding losses

The following table shows the WEPS energy rate, excluding losses. Megaflex and WEPS have exactly the same rates and charges.

The formula used to determine the Megaflex or WEPS energy rate including losses is:

(Energy charge) x (Distribution voltage loss factor x Transmission zone loss factor -1)

This rate is applied for the purposes of making calculations for the following:

- Distribution losses charge for distribution-connected generators
- The losses charge for transmission-connected generators
- Where a customer receives a portion of energy from a third party or supplementary generator in terms of the following energy reconciliation scenarios:
  - Gen-wheeling
  - Gen-purchase

### WEPS - Non-local authority rates

Active energy charge (c/kWh)											
High demand season (Jun-Aug) Low demand season (Sep-May)											
Peak VA	T incl	Stan	dard VAT incl	Off	Peak VAT incl	Pe	ak VAT incl	Stan	dard VAT incl	Off	Peak VAT incl
260.32 <b>29</b> 9	9.37	78.86	90.69	42.83	49.25	84.94	97.68	58.44	67.21	37.08	42.64

### WEPS - Local authority rates

Active energy charge (c/kWh)											
High demand season (Jun-Aug) Low demand season (Sep-May)											
Pe	ak VAT incl	Stan	dard VAT incl	Off	Peak VAT incl	Pe	ak VAT incl	Stan	dard VAT incl	Off	Peak VAT incl
266.81	306.83	80.83	92.95	43.89	50.47	87.03	100.08	59.90	68.89	38.00	43.70







### **Appendix E** - Loss factors for loads and generators

#### Loss factors for Distribution connected loads and generators

The Distribution loss factors for loads and generators connected to Distribution system as measured at the point of supply/POD are given in the table below:

Distribution loss factors							
Voltage	Urban Ioss factor	Rural loss factor					
< 500V ≥ 500V & < 66kV ≥ 66kV & ≤ 132kV > 132kV	1.1111 1.0957 1.0611 1.0000	1.1527 1.1412					

### Loss factors for Transmission connected loads and generators

The Transmission loss factors for loads and generators connected to the Transmission system as measured at the point of supply/POD are given in the table below:

Transmission loss factors for loads						
Distance from Johannesburg	Zone	Loss factor				
<u>&lt;</u> 300km	0	1.0107				
> 300km & <u>&lt;</u> 600km		1.0208				
> 600km & <u>&lt;</u> 900km	2	1.0310				
> 900km	3	1.0413				

Loss factors for Transmission connected generators	
	Loss factor
Cape	0.971
Karoo	0.995
KwaZulu-Natal	1.004
Vaal	1.020
Waterberg	1.023
Mpumalanga	1.021







# **Appendix F** - Explanation of the excess network capacity charge for the NMD rules

As set out in the NMD rules (as amended from time to time with the approval of Nersa) an exceedance of the NMD will result in the excess network capacity charge\* being raised for the Ruraflex, Nightsave Rural, Megaflex, Nightsave Urban Small, Nightsave Urban Large, Megaflex Gen and Ruraflex Gen tariffs.

The NMD rules and a modelling tool to calculate the impact if the NMD is exceeded can be found at the Tariffs and Charges website: www.eskom.co.za/tariffs.

The excess network capacity charge is calculated on event number. The number of times the NMD is exceeded, multiplied by the portion of the demand exceeding the NMD multiplied by the sum of the Distribution network capacity charge\* and the Transmission network charge and if applicable the urban low voltage subsidy charge for the respective tariffs. These rules shall also apply to all generator tariff components once the updated NMD rules which incorporate the maximum export capacity have been approved by Nersa.

- Refer to the respective tariff(s) for the rates on which the excess network capacity charge is based. In terms of the NMD rules, the following is taken into account when the NMD is exceeded
- Event number is the number counted every time the NMD is exceeded (whether within or above the
  exceedance limit) based on a rolling I2 months (i.e. previous II months from current month) outside of the
  allowable limit.
- Exceeded amount is any demand (in kVA) recorded which is above the NMD.

\*Note that any reference to "the network access charge" must be replaced with "the network capacity charge" and to "the excess network access charge" must be replaced with "excess network capacity charge."







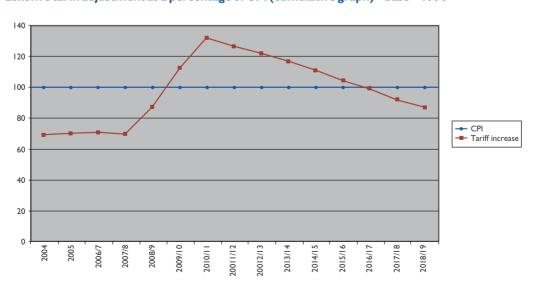
### Appendix G - Eskom's average price adjustment

Eskom's tariffs are adjusted on an annual basis - previously on I January, but due to the change in Eskom's financial year price adjustments now take place on I April every year. The average tariff adjustments for the last I5 years are indicated in the table below. Each tariff, due to structural changes, may have experienced a higher or lower impact than the average tariff adjustment.

### Eskom's average tariff adjustment for the last 15 years

Year	Average price adjustment %	CPI %
2004	2,50	1,40
2005	4,10	3,42
2006/7	5,10	4,40
2007/8	5,90	7,10
2008/9		10,30
01 Apr	14,20	
O1 Jul	34,20	
2009/10		6,16
O1 Jul	31,30	
2010/11	24,8	5,40
2011/12	25,80	4,50
2012/13	16,00	5,20
2013/14	8,00	6,00
2014/15	8,00	6,00
2015/16	12,69	5.70
2016/17	9,40	6,59
2017/18	2,20	5,30
2018/19	5,23	4,6 (forecast)

#### Eskom's tariff adjustment as a percentage of CPI (cumulative graph) - base = 1990







### **Appendix H** - Pricing of electricity

Eskom's average price for electricity is based on the overall cost of supply but, in order to determine tariffs, it is first necessary to break down the overall costs into relevant cost categories. Costs are expressed in a manner that will ultimately be applied to derive the tariffs according to an appropriate cost driver. By using the correct cost driver for each cost component, the possibility of inappropriate pooling of costs is reduced.

#### Common cost drivers are:

- R/customer/month or R/customer/day typically for customer service and administration costs
- R/kVA or R/kW typically for network costs
- · c/kWh typically for energy costs
- c/kvarh reactive energy costs
- Energy loss factors for energy loss costs

#### The cost of providing electricity to customers varies according to:

- · The quantity of electricity used and the period (time or season) when the electricity is used
- The size/capacity of the supply required
- The geographic location of the customer
- The voltage at which supply is provided
- The cost of connecting a supply
- The density of the points of delivery where the customers supply is located.

# A totally cost representative tariff will reflect the cost drivers and the factors that could influence cost by taking into account the following:

- The time of use and seasonal variance of energy costs
- Unbundled costs for distribution and transmission networks. These costs are differentiated according to:
  - the supply voltage
  - the density of the points of delivery
- Retail charges that reflect the size of the customer and the service provided
- A connection charge that reflects the location of the supply and the impact on upstream costs

However, the tariff applied depends on meter capability, billing functionality and logistics, as well as limitations on tariff complexity and the impact of changes to existing tariffs. For more energy-intensive users of electricity, tariff structures tend to be more complex, whereas for users such as domestic customers tariffs are simpler. A larger customer will have a much lower supply cost than a smaller customer. In Eskom, larger customers generally subsidise smaller customers. The reasons for the higher cost for small customers are as follows:

- As a ratio of overall consumption, smaller customers tend to use much more electricity in the more expensive
  peak periods and have a poorer load factor than larger customers.
- Significantly more network capacity is required at the lower voltage level (e.g. 500 V) to supply a smaller
  customer than is required to supply a larger customer (e.g. 132 kV). This means that more electrical networks
  have to be built, maintained and operated to supply smaller customers. Also, more electrical losses occur in the
  latter sector.

For Eskom, the overall price of electricity is regulated and is based on approved costs plus a return on investment as determined by the National Electricity Regulator of South Africa. While Eskom's average price (total revenue/total consumption) is based on cost, individual price levels per customer or per customer class might not be cost representative. This is due to cost averaging, historical cross-subsidies and social factors such as the customer's ability to pay the determined price.





### Appendix I - Billing

#### **Estimated readings**

Conventional meters are read at least once every three months. Estimated charges are raised in months during which no meter readings are taken and these are subsequently adjusted when actual consumption is measured.

#### **Deposits**

A security deposit covering three months' consumption is required.

#### **Pro-rating of bills**

Pro-rating takes place under the following circumstances:

- at times of price increase and seasonal charges
- where a billing period spans the price change period
- where readings for demand or energy are not measured

Pro-ration is done by taking into account the number of days in the billing period where the old rates are applicable and the number of days in the billing period where the new rates are applicable.

Example: In a billing period of 31 days, with 15 days billed at the old rate and 16 days billed at the new rate, consumption of 1000 kWh in total, consumption is pro-rated as follows:

 $1000 \text{ kWh} \times 15/30 \times \text{c/kWh} \text{ (old rate)}$  $1000 \text{ kWh} \times 16/30 \times \text{c/kWh} \text{ (new rate)}$ 

The above gives an indication of pro-ration of consumption only. In other individual charges, pro-ration may slightly differ; however, all are based on the number of days.

	Electricity Supply Commission
	Incorporated under the Electricity Aprillo A2 of 1922 of the Union of South Africa  GENERAL UND ACCOUNT.  18t JULY, /2// 8.
	Bardays Brille (Deminion, Colonial and Overseas)
	Say THE VICTORIA FALLS AND TRANSVAAL POWER CO. LTD. Order the sum of Founteen Million Five Hundred Thousand Pounds.
,	14,500,000 0 0  Ser and in ball of ELECTRICITY SUPPLY COMMISSION  COMMISS



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