

**GOVAN MBEKI LOCAL**



**2017/2018**

**ELECTRICITY TARRIF BOOK**

## TARIFFS CHARGED PER CATEGORY

DETERMINATION OF ELECTRICITY SUPPLY TARIFF FOR THE PERIOD 1 JULY 2017 TO 30 JUNE 2018\*\*\*\*

(ALL TARIFFS EXCLUDE VAT)

<b>1. Domestic Conventional &amp; Pre-Paid Electricity Supply</b>	<b>Structured Blocks</b>	<b>Energy Charge C/kwh</b>	<b>Tariffs 2016/2017</b>	<b>% Increase</b>	<b>Tariffs 2017/2018</b>
This tariffs is based on the Inclining Block Principle, that is, the more units consumed, the higher the rate becomes.	Block 1	0 to <= 50 kwh	84.14	1.88	85.72
	Block 2	>51 to <= 350 kwh	107.80	1.88	109.83
	Block 3	>351 to <=600kwh	146.54	1.88	149.29
	Block 4	>600 kwh	175.85	1.88	179.16
	Retail/Customer-related /Availability Charge	R/POD (Point of Delivery)	84.50	1.88	86.09
	Distribution Network Capacity Charge	R/POD	53.82	1.88	54.83
<b>2. Domestic Indigents Pre-Paid Electricity Supply</b>	<b>Structured Blocks</b>	<b>Energy Charge C/kwh</b>	<b>Tariffs 2016/2017</b>	<b>% Increase</b>	<b>Tariffs 2017/2018</b>
This tariffs is based on the Inclining Block Principle, that is, the more units consumed, the higher the rate becomes.	Block 1	0 to <= 50 kwh (Free Token)	78.55	1.88	80.03
	Block 2	>51 to <= 200 kwh	95.85	1.88	97.65
	Block 3	>201 <= 350 kwh	107.40	1.88	109.42
	Block 4	>351 to 600 kwh	146.54	1.88	149.29
	Block 5	>600 kwh	175.85	1.88	179.16
<b>3. Institution Conventional &amp; Pre-Paid Electricity Supply</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2016/2017</b>	<b>% Increase</b>	<b>Tariffs 2017/2018</b>
<b>Single Phase Use-:</b>  Tariffs are seasonally differentiated between the high demand season & low demand season.  (Places of Worship, NGO's, Welfare Organizations & Sports Clubs) must meet the criteria as per the rates policy to qualify for this tariff structure	Energy Rate c/kwh	Low Demand Season	140.09	1.88	142.72
	Energy Rate c/kwh	High Demand Season	182.23	1.88	185.66
	Chargeable Demand	R/kVA	164.19	1.88	167.28
	Retail/Customer-related /Availability Charge	R/POD	84.50	1.88	86.09
	Distribution Network Capacity Charge	R/POD	53.82	1.88	54.83
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	14.10	1.88	14.37



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<b>4. Commercial Conventional &amp; Pre-Paid Electricity Supply</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2016/2017</b>	<b>% Increase</b>	<b>Tariffs 2017/2018</b>
<b>Single Phase Use:-</b> Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season	140.09	1.88	142.72
	Energy Rate c/kwh	High Demand Season	182.23	1.88	185.66
	Chargeable Demand	R/kVA	599.29	1.88	610.56
	Retail/Customer-related /Availability Charge	R/POD	84.50	1.88	86.09
	Distribution Network Capacity Charge	R/POD	53.82	1.88	54.83
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	14.10	1.88	14.37
<b>5. Commercial Conventional &amp; Pre-Paid Electricity Supply</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2016/2017</b>	<b>% Increase</b>	<b>Tariffs 2017/2018</b>
<b>2 Phase &amp; 3 Phase use:-</b> Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season	137.47	1.88	14005
	Energy Rate c/kwh	High Demand Season	182.23	1.88	185.66
	Chargeable Demand	R/kVA	926.49	1.88	943.91
	Retail/Customer-related /Availability Charge	R/POD	84.50	1.88	86.09
	Distribution Network Capacity Charge	R/POD	53.82	1.88	54.83
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	14.10	1.88	14.37
<b>6. Industrial &amp; Commercial Conventional Electricity Supply</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2016/2017</b>	<b>% Increase</b>	<b>Tariffs 2017/2018</b>
<b>Industrial &amp; Commercial High Voltage Use:-</b> Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season	<b>(September to May)</b>		
		Peak	80.00	1.88	81.50
		Standard	77.81	1.88	79.27
		Off Peak	60.00	1.88	61.13
	Energy Rate c/kwh	High Demand Season	<b>(June, July &amp; August)</b>		
		Peak	108.30	1.88	110.34
	Standard	105.46	1.88	107.44	



<b>TIME OF USE STRUCTURED</b>			<b>Off Peak</b>	68.00	1.88	69.28
	Maximum Demand R/kva	Low Demand Season		177.43	1.88	180.77
	Maximum Demand R/kva	High Demand Season		189.25	1.88	192.82
	Chargeable Demand	R/kVA		1,463.15	1.88	1,490.66
	Retail/Customer-related /Availability Charge	R/POD		84.50	1.88	86.09
	Distribution Network Capacity Charge	R/POD		53.82	1.88	54.83
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh	High Demand Season (June, July & August)		14.10	1.88
<b>7. Industrial &amp; Commercial Conventional Electricity Supply</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2016/2017</b>	<b>% Increase</b>	<b>Tariffs 2017/2018</b>	
<b>Industrial &amp; Commercial Low Voltage Use:-</b>  Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season		<b>(September to May)</b>		
			<b>Peak</b>	86.84	1.88	88.47
			<b>Standard</b>	84.83	1.88	86.42
			<b>Off Peak</b>	78.81	1.88	80.29
	Energy Rate c/kwh	High Demand Season		<b>(June, July &amp; August)</b>		
			<b>Peak</b>	125.15	1.88	125.15
			<b>Standard</b>	114.70	1.88	114.70
			<b>Off Peak</b>	69.00	1.88	69.00
	Maximum Demand R/kva	Low Demand Season		180.56	1.88	183.95
	Maximum Demand R/kva	High Demand Season		189.25	1.88	192.81
	Chargeable Demand	R/kVA		1,463.15	1.88	1,490.66
	Retail/Customer-related /Availability Charge	R/POD		84.50	1.88	86.09
	Distribution Network Capacity Charge	R/POD		53.82	1.88	54.83
Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh	High Demand Season (June, July & August)		14.10	1.88	14.37
<b>8. Municipal Conventional</b>	<b>Energy Charge</b>	<b>Seasonal</b>	<b>Tariffs</b>	<b>%</b>	<b>Tariffs</b>	



<i>Electricity Supply</i>	<i>C/kwh</i>	<i>Demand Charge</i>	<i>2016/2017</i>	<i>Increase</i>	<i>2017/2018</i>
Municipal Own Use-:			146.06	1.88	148.81
<b>9. Domestic Bulk Supply – :</b>	<b>Energy Charge</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs</b>	<b>%</b>	<b>Tariffs</b>
	<i>C/kwh</i>		<i>2016/2017</i>	<i>Increase</i>	<i>2017/2018</i>
Accommodation Establishments – (Block of Flats, Body Corporates Administered Properties...etc.)  Tariffs are seasonally differentiated between the high demand season & low demand season.  <b>TIME OF USE STRUCTURED</b>	Energy Rate c/kwh	Low Demand Season	<i>(September to May)</i>		
		Peak	55.13	1.88	56.17
		Standard	53.50	1.88	54.51
		Off Peak	53.24	1.88	54.24
	Energy Rate c/kwh	High Demand Season	<i>(June, July &amp; August)</i>		
		Peak	75.61	1.88	77.03
		Standard	72.61	1.88	73.98
		Off Peak	67.32	1.88	68.59
	Maximum Demand R/kva	Low Demand Season	23.73	1.88	24.18
	Maximum Demand R/kva	High Demand Season	45.17	1.88	46.02
	Chargeable Demand	R/kVA	380.00	1.88	387.14
	Retail/Customer-related /Availability Charge	R/POD	84.67	1.88	86.26
	Distribution Network Capacity Charge	R/POD	53.93	1.88	54.94
Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	14.10	1.88	14.37	

**NOTE:**

For the purpose of Time of Use Tariffs the defined daily time of use period throughout the year are as per-:

ESKOM Mega flax Time of Use...

- 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**



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shall be as specified in page 41;

- 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 and in accordance with the **NMD rules**.

### 1. Chargeable demand (KVA)–:

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.

### 2. Distribution network capacity charge –:

Distribution network capacity 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.

### 3. Retail/Customer-related (Availability Charge)–:

Which relates to the point of delivery share of total retail costs differentiated by type of service and customer demand size.



**4. High Demand Season--:**

June, July & August.

**5. Low Demand Season--:**

September to May.

**6. ABRIVIATIONS--:**

<b>&lt;</b>	less than	<b>kWh</b>	kilowatt-hour
<b>≤</b>	less than or equal to	<b>MEC</b>	maximum export capacity
<b>&gt;</b>	greater than	<b>MFMA</b>	municipal finance management act
<b>≥</b>	greater than or equal to	<b>MVA</b>	megavolt-ampere
<b>A</b>	ampere	<b>MYPD</b>	multi-year price determination
<b>c</b>	cents	<b>N/A</b>	not applicable
<b>c/kvarh</b>	cents per reactive kilovolt-ampere-hour	<b>Nersa</b>	national energy regulator of South Africa
<b>c/kWh</b>	cents per kilowatt-hour	<b>NMD</b>	notified maximum demand
<b>CPI</b>	consumer price index	<b>PF</b>	power factor
<b>DUoS</b>	Distribution use-of-system	<b>R</b>	rand
<b>ERS</b>	electrification and rural subsidy	<b>R/kVA</b>	rand per kilovolt-ampere
<b>ETUoS</b>	embedded Transmission use-of-system	<b>TOU</b>	time of use or time-of-use
<b>GWh</b>	gigawatt-hour	<b>TUoS</b>	Transmission use-of-system
<b>km</b>	kilometre	<b>UoS</b>	Use-of-system
<b>kVA</b>	kilovolt-ampere	<b>V</b>	volt
<b>kvarh</b>	reactive kilovolt-ampere-hour	<b>VAT</b>	value-added tax
<b>kV</b>	kilovolt	<b>W</b>	watt
<b>kW</b>	kilowatt		

**7. Deposit--:**

A once-off, Refundable payment provided by a customer to Council as a security for the due payment of electricity accounts, The amount may be adjusted when a customer places the Council at risk.

**8. All tariffs are exclusive of VAT\*\*\*\*\*****9. Determination of Electricity Tariffs--:**

➤ Bulk Purchases increased by--:	0.31%
➤ Consumer Price Index (CPI)--:	6.2%
➤ Salary & Wage Increases of CPI Plus 1%--:	7.2%
➤ Repair & Maintenance--:	6.2%
➤ Capital Charges--:	6.2%
➤ Other Distribution Cost--:	6.2%





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