

GOVAN MBEKI LOCAL



2018/2019

ELECTRICITY TARRIF BOOK

TARIFFS CHARGED PER CATEGORY

DETERMINATION OF ELECTRICITY SUPPLY TARIFF FOR THE PERIOD 1 JULY 2018 TO 30 JUNE 2019****

(ALL TARIFFS EXCLUDE VAT)

1. Domestic Conventional & Pre-Paid Electricity Supply	Structured Blocks	Energy Charge C/kwh	Tariffs 2017/2018	% Increase	Tariffs 2018/2019
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	85.72	6.84	91.58
	Block 2	>51 to <= 350 kwh	109.83	6.84	117.34
	Block 3	>351 to <=600kwh	149.29	6.84	159.50
	Block 4	>600 kwh	179.16	6.84	191.41
	Retail/Customer-related /Availability Charge	R/POD (Point of Delivery)	86.09	6.84	91.98
	Distribution Network Capacity Charge	R/POD	54.83	6.84	58.58
2. Domestic Indigents Pre-Paid Electricity Supply	Structured Blocks	Energy Charge C/kwh	Tariffs 2017/2018	% Increase	Tariffs 2018/2019
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)	80.03	6.84	85.50
	Block 2	>51 to <= 200 kwh	97.65	6.84	104.33
	Block 3	>201 <= 350 kwh	109.42	6.84	116.90
	Block 4	>351 to 600 kwh	149.29	6.84	159.50
	Block 5	>600 kwh	179.16	6.84	191.41
3. Institution Conventional & Pre-Paid Electricity Supply	Energy Charge C/kwh	Seasonal Demand Charge	Tariffs 2017/2018	% Increase	Tariffs 2018/2019
Single Phase Use-: 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	142.72	6.84	152.48
	Energy Rate c/kwh	High Demand Season	185.66	6.84	198.36
	Chargeable Demand	R/kVA	167.28	6.84	178.72
	Retail/Customer-related /Availability Charge	R/POD	86.09	6.84	91.98
	Distribution Network Capacity Charge	R/POD	54.83	6.84	58.58
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	14.37	6.84	15.35



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4. Commercial Conventional & Pre-Paid Electricity Supply	Energy Charge C/kwh	Seasonal Demand Charge	Tariffs 2017/2018	% Increase	Tariffs 2018/2019
Single Phase Use:- Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season	142.72	6.84	152.48
	Energy Rate c/kwh	High Demand Season	185.66	6.84	198.36
	Chargeable Demand	R/kVA	610.56	6.84	652.32
	Retail/Customer-related /Availability Charge	R/POD	86.09	6.84	91.98
	Distribution Network Capacity Charge	R/POD	54.83	6.84	58.58
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	14.37	6.84	15.35
5. Commercial Conventional & Pre-Paid Electricity Supply	Energy Charge C/kwh	Seasonal Demand Charge	Tariffs 2017/2018	% Increase	Tariffs 2018/2019
2 Phase & 3 Phase use:- Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season	140.05	6.84	149.63
	Energy Rate c/kwh	High Demand Season	185.66	6.84	198.36
	Chargeable Demand	R/kVA	943.91	6.84	1,008.47
	Retail/Customer-related /Availability Charge	R/POD	86.09	6.84	91.98
	Distribution Network Capacity Charge	R/POD	54.83	6.84	58.58
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	14.37	6.84	15.35
6. Industrial & Commercial Conventional Electricity Supply	Energy Charge C/kwh	Seasonal Demand Charge	Tariffs 2017/2018	% Increase	Tariffs 2018/2019
Industrial & Commercial High Voltage Use:- Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season	<i>(September to May)</i>		
		Peak	81.50	6.84	87.07
		Standard	79.27	6.84	84.69
		Off Peak	61.13	6.84	65.31
	Energy Rate c/kwh	High Demand Season	<i>(June, July & August)</i>		
		Peak	110.34	6.84	117.89
		Standard	107.44	6.84	114.79



TIME OF USE STRUCTURED			Off Peak	69.28	6.84	74.02
	Maximum Demand R/kva	Low Demand Season		180.77	6.84	193.13
	Maximum Demand R/kva	High Demand Season		192.82	6.84	206.01
	Chargeable Demand	R/kVA		1,490.66	6.84	1,592.62
	Retail/Customer-related /Availability Charge	R/POD		86.09	6.84	91.98
	Distribution Network Capacity Charge	R/POD		54.83	6.84	58.58
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh	High Demand Season (June, July & August)		14.37	6.84
7. Industrial & Commercial Conventional Electricity Supply	Energy Charge C/kwh	Seasonal Demand Charge	Tariffs 2017/2018	% Increase	Tariffs 2017/2018	
Industrial & Commercial Low Voltage Use:- Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season		(September to May)		
			Peak	88.47	6.84	94.52
			Standard	86.42	6.84	92.33
			Off Peak	80.29	6.84	85.78
	Energy Rate c/kwh	High Demand Season		(June, July & August)		
			Peak	127.50	6.84	136.22
			Standard	116.86	6.84	124.85
			Off Peak	64.85	6.84	69.29
	Maximum Demand R/kva	Low Demand Season		70.30	6.84	75.11
	Maximum Demand R/kva	High Demand Season		180.77	6.84	193.13
	Chargeable Demand	R/kVA		1,490.66	6.84	1,490.66
	Retail/Customer-related /Availability Charge	R/POD		86.09	6.84	91.98
	Distribution Network Capacity Charge	R/POD		54.83	6.84	58.58
Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh	High Demand Season (June, July & August)		14.37	6.84	15.35
8. Municipal Conventional	Energy Charge	Seasonal	Tariffs	%	Tariffs	



<i>Electricity Supply</i>	<i>C/kwh</i>	<i>Demand Charge</i>	<i>2017/2018</i>	<i>Increase</i>	<i>2018/2019</i>
Municipal Own Use-:			148.81	6.84	158.99
9. Domestic Bulk Supply – :	Energy Charge	Seasonal Demand Charge	Tariffs	%	Tariffs
	<i>C/kwh</i>		<i>2017/2018</i>	<i>Increase</i>	<i>2018/2019</i>
Accommodation Establishments – (Block of Flats, Body Corporates Administered Properties...etc.) Tariffs are seasonally differentiated between the high demand season & low demand season. TIME OF USE STRUCTURED	Energy Rate c/kwh	Low Demand Season	<i>(September to May)</i>		
		Peak	56.17	6.84	60.01
		Standard	54.51	6.84	58.24
		Off Peak	54.24	6.84	57.95
	Energy Rate c/kwh	High Demand Season	<i>(June, July & August)</i>		
		Peak	77.03	6.84	82.30
		Standard	73.98	6.84	79.04
		Off Peak	68.59	6.84	73.28
	Maximum Demand R/kva	Low Demand Season	24.18	6.84	25.83
	Maximum Demand R/kva	High Demand Season	46.02	6.84	49.17
	Chargeable Demand	R/kVA	387.14	6.84	413.62
	Retail/Customer-related /Availability Charge	R/POD	86.26	6.84	91.98
	Distribution Network Capacity Charge	R/POD	54.94	6.84	58.58
Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	14.37	6.84	15.35	

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;
- a R/kVA/month **Transmission network charge** based on the voltage of the supply, the **transmission zone** and the



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- 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/kVAh **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 **NMDrules**.

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–:

<	less than	kWh	kilowatt-hour
≤	less than or equal to	MEC	maximum export capacity
>	greater than	MFMA	municipal finance management act
≥	greater than or equal to	MVA	megavolt-ampere
A	ampere	MYPD	multi-year price determination
c	cents	N/A	not applicable
c/kvarh	cents per reactive kilovolt-ampere-hour	Nersa	national energy regulator of South Africa
c/kWh	cents per kilowatt-hour	NMD	notified maximum demand
CPI	consumer price index	PF	power factor
DUoS	Distribution use-of-system	R	rand
ERS	electrification and rural subsidy	R/kVA	rand per kilovolt-ampere
ETUoS	embedded Transmission use-of-system	TOU	time of use or time-of-use
GWh	gigawatt-hour	TUoS	Transmission use-of-system
km	kilometre	UoS	Use-of-system
kVA	kilovolt-ampere	V	volt
kvarh	reactive kilovolt-ampere-hour	VAT	value-added tax
kV	kilovolt	W	watt
kW	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–:	7.32%
➤ Consumer Price Index (CPI)–:	5.1%
➤ Salary & Wage Increases of CPI Plus 1%–:	6.1%
➤ Repair & Maintenance–:	5.1%
➤ Capital Charges–:	5.1%
➤ Other Distribution Cost–:	5.1%

