

**GOVAN MBEKI LOCAL MUNICIPALITY**



**2020/2021**

**ELECTRICITY TARRIF BOOK**

## TARIFFS CHARGED PER CATEGORY

DETERMINATION OF ELECTRICITY SUPPLY TARIFF FOR THE PERIOD 1 JULY 2020 TO 30 JUNE 2021\*\*\*\*

(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 2019/2020</b>	<b>% Increase</b>	<b>Tariffs 2020/2021</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	103.39	6.24	109.84
	Block 2	>51 to <= 350 kwh	132.93	6.24	141.22
	Block 3	>351 to <=600kwh	180.35	6.24	191.60
	Block 4	>600 kwh	216.43	6.24	229.94
	Retail/Customer-related /Availability Charge	R/POD (Point of Delivery)	104.00	6.24	110.49
	Distribution Network Capacity Charge	R/POD	66.24	6.24	70.37
<b>2. Domestic Indigents Pre-Paid Electricity Supply</b>	<b>Structured Blocks</b>	<b>Energy Charge C/kwh</b>	<b>Tariffs 2019/2020</b>	<b>% Increase</b>	<b>Tariffs 2020/2021</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)	96.67	6.24	102.70
	Block 2	>51 to <= 200 kwh	117.66	6.24	125.00
	Block 3	>201 <= 350 kwh	132.18	6.24	140.43
	Block 4	>351 to 600 kwh	180.35	6.24	191.60
	Block 5	>600 kwh	216.43	6.24	229.94
<b>3. Institution Conventional &amp; Pre-Paid Electricity Supply</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2019/2020</b>	<b>% Increase</b>	<b>Tariffs 2020/2021</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	172.41	6.24	183.17
	Energy Rate c/kwh	High Demand Season	224.29	6.24	238.29
	Fixed Charge	R/Month	202.08	6.24	214.69
	Retail/Customer-related /Availability Charge	R/POD	104.00	6.24	110.49
	Distribution Network Capacity Charge	R/POD	66.24	6.24	70.37
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	17.36	6.24	18.44



4. Commercial Conventional & Pre-Paid Electricity Supply	Energy Charge C/kwh	Seasonal Demand Charge	Tariffs 2019/2020	% Increase	Tariffs 2020/2021
Single Phase Use:-  Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season	172.41	6.24	183.17
	Energy Rate c/kwh	High Demand Season	224.29	6.24	238.29
	Fixed Charge	R/Month	737.58	6.24	783.60
	Retail/Customer-related /Availability Charge	R/POD	104.00	6.24	110.49
	Distribution Network Capacity Charge	R/POD	66.24	6.24	70.37
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	17.36	6.24	18.44
5. Commercial Conventional & Pre-Paid Electricity Supply	Energy Charge C/kwh	Seasonal Demand Charge	Tariffs 2019/2020	% Increase	Tariffs 2020/2021
2 Phase & 3 Phase use:-  Tariffs are seasonally differentiated between the high demand season & low demand season.	Energy Rate c/kwh	Low Demand Season	169.19	6.24	179.75
	Energy Rate c/kwh	High Demand Season	224.29	6.24	238.29
	Fixed Charge	R/Month	1,140.28	6.24	1,211.43
	Retail/Customer-related /Availability Charge	R/POD	104.00	6.24	110.49
	Distribution Network Capacity Charge	R/POD	66.24	6.24	70.37
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	17.36	6.24	18.44
6. Industrial & Commercial Conventional Electricity Supply	Energy Charge C/kwh	Seasonal Demand Charge	Tariffs 2019/2020	% Increase	Tariffs 2020/2021
Industrial & Commercial High Voltage Use:-  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	<b>(September to May)</b>		
		Peak	98.45	6.24	104.59
		Standard	95.76	6.24	101.74
		Off Peak	73.85	6.24	78.46
	Energy Rate c/kwh	High Demand Season	<b>(June, July &amp; August)</b>		
		Peak	133.30	6.24	141.62
		Standard	129.79	6.24	137.89
		Off Peak	83.69	6.24	88.91
	Maximum Demand R/kva	Low Demand Season	183.09	6.24	194.51



	Maximum Demand R/kva	High Demand Season	195.30	6.24	207.49
	Fixed Charge	R/Month	1,800.76	6.24	1,913.13
	Retail/Customer-related /Availability Charge	R/POD	104.00	6.24	110.49
	Distribution Network Capacity Charge	R/POD	66.24	6.24	70.37
	Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	17.36	6.24	18.44
<b>7. Industrial &amp; Commercial Conventional Electricity Supply</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2019/2020</b>	<b>% Increase</b>	<b>Tariffs 2020/2021</b>
<b>Industrial &amp; Commercial Low Voltage Use-:</b>  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	<b>(September to May)</b>		
		<b>Peak</b>	106.87	6.24	113.54
		<b>Standard</b>	104.40	6.24	110.91
		<b>Off Peak</b>	98.68	6.24	104.84
	Energy Rate c/kwh	High Demand Season	<b>(June, July &amp; August)</b>		
		<b>Peak</b>	154.02	6.24	163.63
		<b>Standard</b>	141.17	6.24	162.12
		<b>Off Peak</b>	94.93	6.24	<b>100.85</b>
	Maximum Demand R/kva	Low Demand Season	203.17	6.24	<b>215.85</b>
	Maximum Demand R/kva	High Demand Season	216.72	6.24	<b>230.24</b>
Fixed Charge	R/Month	1,800.78	6.24	1,913.15	
Retail/Customer-related /Availability Charge	R/POD	104.00	6.24	110.49	
Distribution Network Capacity Charge	R/POD	66.24	6.24	70.37	
Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	17.36	6.24	18.44	
<b>8. Municipal Conventional Electricity Supply</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2019/2020</b>	<b>% Increase</b>	<b>Tariffs 2020/2021</b>
<b>Municipal Own Use-:</b>			179.77	6.24	190.99
<b>9. Domestic Bulk Supply -:</b>	<b>Energy Charge C/kwh</b>	<b>Seasonal Demand Charge</b>	<b>Tariffs 2019/2020</b>	<b>% Increase</b>	<b>Tariffs 2020/2021</b>



<p>Accommodation Establishments – (Block of Flats, Body Corporates Administered Properties...etc.)</p> <p>Tariffs are seasonally differentiated between the high demand season &amp; low demand season.</p> <p><b>TIME OF USE STRUCTURED</b></p>	Energy Rate c/kwh	Low Demand Season	(September to May)		
		Peak	67.85	6.24	72.08
		Standard	65.85	6.24	69.96
		Off Peak	65.52	6.24	69.60
	Energy Rate c/kwh	High Demand Season	(June, July & August)		
		Peak	93.06	6.24	98.87
		Standard	89.40	6.24	94.98
		Off Peak	82.86	6.24	88.03
	Maximum Demand R/kva	Low Demand Season	55.60	6.24	59.07
	Maximum Demand R/kva	High Demand Season	55.60	6.24	59.07
	Fixed Charge	R/Month	467.68	6.24	496.86
	Retail/Customer-related /Availability Charge	R/POD	104.00	6.24	110.49
	Distribution Network Capacity Charge	R/POD	66.24	6.24	70.37
Reactive Energy Charge (c/kVArh)	Energy Rate c/kVArh High Demand Season (June, July & August)	17.36	6.24	18.44	

**For Reimbursing Consumer who are Feeding Back to the Grid – Based on the Assessment by Electricity Department**

**Draft SSEG Tariffs developed by Govan Mbeki Municipality**

<p><b>Residential</b> ≤13.8 kVA</p> <p><b>Import tariff</b></p> <p>Fixed charge 170.24 R/month</p> <p>Variable charge 132.92 c/kWh</p> <p><b>Export tariff</b></p> <p>Export tariff 50.00 c/kWh</p>	<p><b>Single / Three Phase Users</b> &gt;13.8 and ≤100 kVA</p> <p><b>Import tariff</b></p> <p>Fixed charge 1109 R/month</p> <p>Monthly demand charge 0 R/kVA</p> <p>Variable charge (summer/winter) 132.92 / 170.8 c/kWh</p> <p><b>Export tariff</b></p> <p>Export tariff 50.00 c/kWh</p>
<p><b>Low Voltage</b> &gt;100 kVA and ≤1MVA</p> <p><b>Import tariff</b></p> <p>Fixed charge 1971 R/month</p> <p>Monthly demand charge 203.17 R/kVA</p> <p><b>Peak</b> (summer/winter) 106.87 / 154.02 c/kWh</p> <p><b>Standard</b> (summer/winter) 104.4 / 141.17 c/kWh</p> <p><b>Off-peak</b> (summer/winter) 98.68 / 83.69 c/kWh</p>	<p><b>High Voltage</b> &gt;1MVA</p> <p><b>Import tariff</b></p> <p>Fixed charge 1971 R/month</p> <p>Monthly demand charge 183 R/kVA</p> <p><b>Peak</b> (summer/winter) 98.45 / 133.3 c/kWh</p> <p><b>Standard</b> (summer/winter) 95.76 / 129.79 c/kWh</p> <p><b>Off-peak</b> (summer/winter) 73.85 / 83.69 c/kWh</p>



<b>Export tariff</b>		<b>Export tariff</b>	
Variable charge	50 c/kWh	Variable charge	50.00 c/kWh

**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 **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 **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:-**

<	less than	<b>kWh</b>	kilowatt-hour
≤	less than or equal to	<b>MEC</b>	maximum export capacity
>	greater than	<b>MFMA</b>	municipal finance management act
≥	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\*\*\*\*\***

