



nelson mandela bay
M U N I C I P A L I T Y

TARIFF BOOK 2021-22

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CONTACT INFORMATION

Main Contact Centre	041 506 5555
Accounts: Enquiries/Complaints	041 5065555 customercare@mandelametro.gov.za
Disconnections/Re-connections	041 506 7230/33/36
Faults - Meter & Cable	041 506 5595
New Services: Port Elizabeth	041 392 4162
New Services: Uitenhage & Despatch	041 994 1268
Traffic Signals & Street lights	041 506 5595 ElecCallCentre@mandelametro.gov.za
Interactive Voice Response (IVR) System	
IVR Account Balance Enquiry	041 506 5533
IVR Account Payment (Pay-by-Phone)	041 506 5524
IVR Electricity Prepayment Purchase	041 506 5524
IVR Voluntary Meter Reading	041 506 5528
IVR Copy of Latest Statement	041 506 5537
IVR Reporting of Alleged Theft, Fraudulent Activity or Damage to Municipal Property	041 506 5522
IVR SMS Services	31151

FOREWORD

The Constitution of the Republic of South Africa (Act No. 108 of 1996) mandates the municipalities to provide services to the residents in a sustainable manner. As such, the Municipal Finance Management Act (Act No. 58 of 2003) outlines that the municipalities are to set tariffs for the provision of services.

The sustainability of the electricity and energy business has faced major challenges. Part of the challenges are energy security and the lack of generation capacity in South Africa which has led to rolling outages throughout the country and steep electricity tariffs from a single supplier, being Eskom. As a result, more customers are deflecting from the NMBM grid seeking alternative energy options, which is continuously resulting in a reduction kWh sold by the Nelson Mandela Bay Municipality (NMBM).

Electricity losses have unfortunately reached unacceptable levels in recent years. This is mainly due to customers who are either not willing or unable to pay for services and thus resorting to electricity theft by means of meter tampering, meter bypass and direct connections. This behaviour is not acceptable and is condemned by the Electricity & Energy Directorate.

The Electricity & Energy Directorate intends to diversify its energy portfolio in an effort to improve stability around energy security within the city. This will be done through facilitation where customers will be given an option to be able to self-generate power through a guided regulation framework. To this end, the NMBM has approved, for the first time ever, Net-Billing tariffs that will allow customers to generate and export power back into the NMBM grid.

Additionally, Wheeling tariffs have been approved and when introduced, will enable Small Scale Embedded Generators (SSEGs) to use the NMBM grid to export power to their intended customers. The rules for SSEG are in the process of being finalised and will be published in due course. While wheeling is at this stage limited to a single supplier and single off-taker relation, the Directorate is committed to expand the wheeling model based on experience gained and best practices to optimise the capacity supplier and off-taker ratio.

The Electricity & Energy Directorate's key strategies are to focus on the reduction of electricity losses, the reduction of electricity tariffs by aggregating the energy resources from Independent Power Producers and self-generation.

The aim of the Tariff Book is to ensure that the NMBM provides services to all its residents in a sustainable manner. The Tariff Book provides a detailed description of each tariff category and offers the customer an opportunity to interact with tariffs, to gain further understanding and, where applicable, select the most suitable tariff available within the set criteria.

It should be noted that some tariffs are intended to be phased out over the next two to three years. This Tariff Book provides NMBM customers with an opportunity to familiarise themselves with the upcoming changes in the tariff structures and options.

DEFINITIONS

Abbreviation/Term	Explanation/ Definition
1P	1 part
2P	2 part
3P	3 part
4P	4 part
A	Ampere
ATTP	Assistance to the Poor – refers to the programme applicable to domestic customers qualifying for Free Basic Electricity
BS	British Standards
c	cents
c/kWh	cents per kilowatt-hour
CDU	Consumer Distribution Unit
CT	Current transformer. The CT transforms the primary current of the line conductor to a smaller, more easily managed current that is carried to the meter which is directly proportional to the primary current.
DIN	Deutsches Institut für Normung e.V. (DIN, in English, the German Institute for Standardization)
EHV	Extra High voltage. EHV networks consist of supply at a voltage equal to or greater than 132000 volt (132kV).
ELV	Extra low voltage (230 volts)
EmGen	Embedded Generation
excl.	excluding
FBE	Free Basic Electricity – a defined quantity of free electricity deemed necessary to provide basic services as determined and funded by the National Government for the self-targeting poor households as a result of the Government policy to alleviate poverty
FY	Financial Year – a period of twelve months for calculating annual budgets, profits and losses. NMBM's financial year starts at the beginning of July each year and ends at the end of June the following year.
GIS	Geographic Information System
GPRS	General Packet Radio Service. GPRS is a packet-switching technology that enables data transfers through cellular networks. It is used for mobile internet, MMS and other data communications.
GWh	gigawatt-hour
hr	hour
HV	High voltage. HV networks consist of supply at a voltage greater than 33000 volt (33kV) up to 132000 volt (132kV).
IBT	Inclining Block Tariffs
incl.	Including
IPP	Independent Power Producer. A generation facility that is connected to the distribution or transmission grid and requires

Abbreviation/Term	Explanation/ Definition
	according to schedule 2 of the Electricity Regulation Act a generation license.
kV	Kilovolt. Unit of electrical potential equal to 1000 volts
kVA	Kilovolt-Ampere (measurement for the apparent power)
kWh	Kilowatt hour (measurement of energy consumption)
LV	Low voltage. LV networks consist of supply above 400 volt up to 11000volt
MV	Medium voltage. MV networks consist of supply above 11000 volt (11 kV) up to 33000 volt (33kV).
MVA	megavolt-ampere
NERSA	National Energy Regulator of South Africa. A legal entity established in terms of the National Energy Regulator Act, 2004 (Act No 40 of 2004)
NMBM	Nelson Mandela Bay Municipality, a juristic body, duly established in terms of the Local Government: Municipal Structures Act, 1998 (Act No. 117 of 1998)
POD	Point of delivery of energy
PLC	Power Line Carrier - Communication between the meter and the customer interface unit is by means of PLC technology.
PV	Photovoltaic - PV system is composed of one or more solar panels combined with an inverter and other electrical and mechanical hardware that use energy from the sun to generate electricity.
R	Rand
RF	Radio Frequency
SSEG	Small scale embedded generation. A generator connected to the NMBM network which is exempt from licensing as set out in Schedule 2 of the Electricity Regulation Act or which has been granted a generation licence as per that Act.
TOU	Time of Use
V	volt
VAT	Value added tax. VAT is now levied at the standard rate of 15% on the supply of goods and services.
VT	Voltage transformer
W	watt
<	less than
>	greater than
>=	greater than and equal to
<=	smaller than and equal to

Account/bill 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

Customer means a purchaser of electricity that does not generate electricity.

High-demand season/Winter means the TOU Period from 1 June to 31 August of each year.

Low-demand season/Summer means the TOU Period from 1 September to 31 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.

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

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

Smart meter means an electronic device that records electrical energy consumption and bi-directional flow of electrical energy, amongst other parameters, and communicates the information to the electricity utility for monitoring and billing. Smart meters support the recording of energy in load or billing profiles which are able to be configured with various capture periods. Smart meters typically support four quadrant energy measurement - i.e. measuring both active (kVA) and reactive (kVAr) power for both forward (import) and reverse (export) power flow. Advanced single phase residential smart meters support 4-quadrant measurement.

Tariff means a combination of charging parameters/charges applied to recover measured quantities such as consumption and capacity costs as well as service costs.

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 in high and low demand seasons.

Wheeling means the delivery of energy over the municipal electricity network. It occurs when a non-utility owned generator sells the energy it produces directly to a third-party buyer/customer and not to the host energy utility, in this case NMBM.

INTRODUCTION

Over the last number of years, the electricity landscape has experienced major challenges across the spectrum. Eskom, South Africa's bulk energy supplier, has experienced several challenges including supply shortfalls and financial stress which resulted in significant tariff increases. In addition to the industry challenges, Nelson Mandela Bay Municipality (NMBM) has taken note of the ongoing technology developments and associated opportunities. To this end, the opportunities associated with the potential cost reductions in new energy technologies like photo voltaic (PV), wind and energy storage, receives specific attention.

Recent policy and regulatory changes have made it easier for private sector participants to enter the power generation market. This has led to an increase in demand for new services such as net-billing and wheeling.

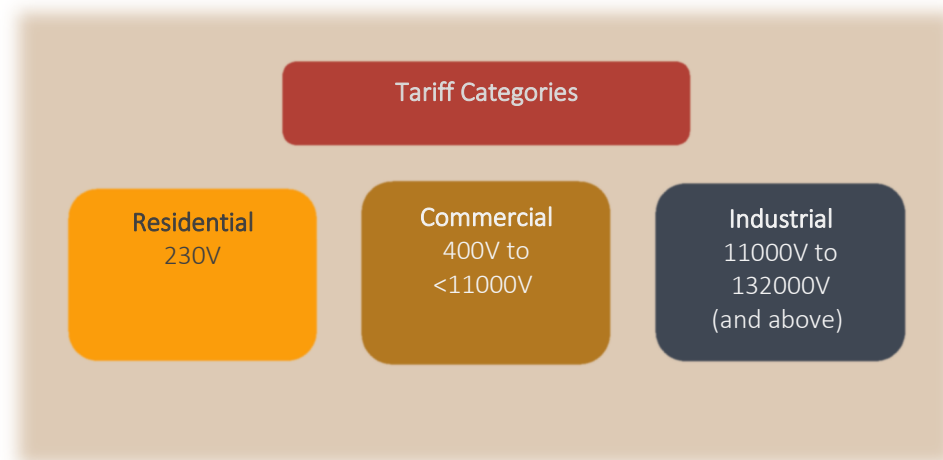
With the above in mind NMBM have undertaken a full review of its tariffs to ensure it:

- reflect the cost of supply, and
- enable new services such as net-billing and wheeling in a cost-effective and sustainable manner.

The tariffs/charges reflected in this document were approved by the National Energy Regulator of South Africa (NERSA) on **29 June 2021**. The tariffs are grouped in three main categories based on voltage usage levels.

NMBM's tariff application for the 2021/22 financial year catered for a single supplier and single off-taker wheeling relation. NMBM is cognisant of the amendment to Schedule 2 of the Electricity Regulation Act (Act No. 4 of 2006) that came into effect on 13 August 2021 which permits wheeling to many off-takers. NMBM is committed to expand its wheeling model based on experience gained and best practices to optimise the capacity supplier and off-taker ratio.

Tariff categories



NMBM decided to simplify the tariffs and to improve future sustainability by rationalising the number of tariffs as well as align the tariff structure closer to the Eskom tariff structure. The existing tariffs will be phased out over the next 18 months and Time of Use (TOU) Tariffs phased in according to the supply voltage. Details on the programme for the phase-in of new tariffs are reflected in **Annexure A**.

RENEWABLE ENERGY

Guideline

The Renewable Energy Guideline 2021 explains how to benefit from renewable tariffs. The Guideline reflects on the registration process and all the steps required. The Renewable Energy Guideline 2021 is available in the Document Library on the NMBM website¹ under Guidelines/Instructions/Manuals. The document can be accessed by following this link: https://nelsonmandelabay.gov.za/DataRepository/Documents/renewable-energy-guideline-2021_3E32J.pdf

Tariffs

Net Billing Tariffs

A net billing tariff is available to customers who are connected to the network but generate electricity for own consumption and have surplus energy to be sold back to NMBM. The customer will receive a credit on his/her bill for the electricity exported into the NMBM network to the value of the applicable time of use rate in the Net Billing Tariff. A customer will receive a credit until the bill for energy consumed from the network during a specific month is zero. Credits will expire at the end of each month.

The specific requirements for Net Billing are stipulated in the Renewable Energy Guideline 2021. **Annexure D** stipulates the Net Billing Rules

Wheeling Tariffs

The wheeling tariff is the charge applicable to the off-taker of the renewable energy for using NMBM's transmission/distribution infrastructure. Wheeling tariffs are linked to voltage levels.

Renewable Energy (RE) providers must negotiate with a third-party/off-taker (who is a customer of NMBM), the volume of electricity (kWh) that will be supplied to the said third-party and that the third-party is willing to procure from the renewable energy provider. NMBM will charge the third-party the applicable wheeling tariff for the kWh's wheeled through the NMBM network.

The specific requirements for Wheeling are stipulated in the Renewable Energy Guideline 2021. **Annexure E** stipulates the rules for wheeling.

While wheeling is at this stage limited to a single supplier and single off-taker relation at medium and high voltage, NMBM intends to follow a phased approach in updating its systems to expand the wheeling model.

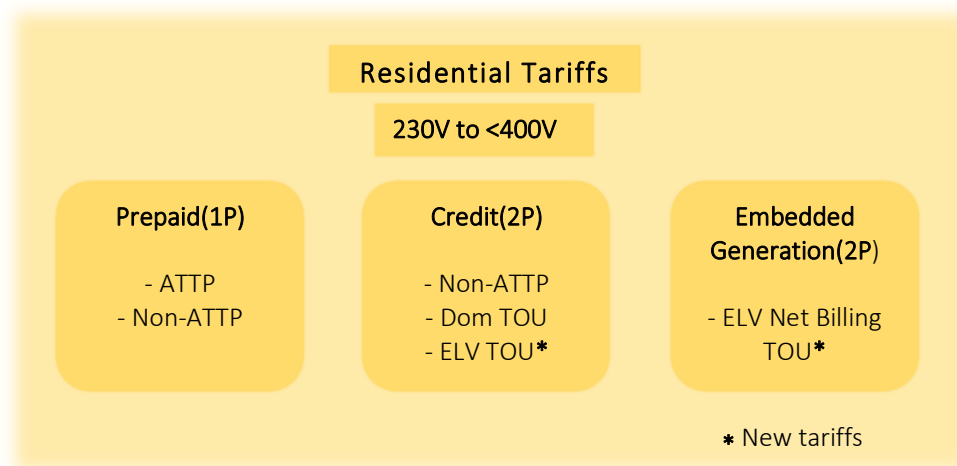
SSEG Support Charge

A monthly Small Scale Embedded Generation (SSEG) support fee is charged to every customer who is making use of net billing or wheeling. This charge is levied by NMBM irrespective of the use or not of the renewable tariff for that specific month.

¹ <https://nelsonmandelabay.gov.za/documentlibrary>

RESIDENTIAL TARIFF CATEGORY

(230 Volts to <400 Volts)



Tariff Components	Charges	Voltages
1 Part	Energy Charge (c/kWh)	230 V
2 Parts	- Energy Charges (c/kWh) - Basic Charge (R/Month)	230V

General Guidelines

Prepayment metering is applicable to all new customers. In the case of existing credit metering customers, meters will be read on a two-monthly cycle, while the accounts for the months when meters are not read, will be based on estimated kilowatt-hour consumption.

The objective of the Assistance to the Poor (ATTP) Prepaid Tariff is to improve the lives of the poor/indigents through access to basic services. Therefore, included in this tariff is the first 75 kWh per month at a zero rate. See the ATTP Policy Ref. No 5/18/5/P of 2019 for the qualifying criteria - <https://www.nelsonmandelabay.gov.za/DataRepository/Documents/attp-policy-v3-adopted-4-december-2018.pdf>.

The ATTP and non-ATTP prepaid tariffs are currently inclining block tariffs.

It is anticipated that the Domestic Time of Use (TOU) tariff for renewable energy customers will be phased out. See **Annexure A** for details on the phase-in of new tariffs.

The aim of the extra low voltage (ELV) TOU tariff is to allow domestic customers, where possible, to change their usage patterns to off peak time periods in order to lower energy bills. This tariff applies to customers that typically use 700 kWh or more per month on a 60 Ampere supply.

In the case of Net Billing, NMBM will credit the customer's account to the value of the electricity that is fed back into its network at the Net Billing TOU rates. A customer will receive a credit until the bill for energy consumed from the network during a specific month is zero. Credits will expire at the end of each month.

The Net Billing Tariff includes a fixed charge ("SSEG Charge") that will be billed monthly for the network maintenance and supply availability to the customer. The fixed charge is excluded from the credit referred to.

Prospective Net Billing customers are referred to **Annexure D** for the qualifying conditions.

ATTP Prepaid Tariff (FBE Tariff) (Prepayment Tariff T01)

Tariff Description

This is an energy only inclining block tariff (IBT) consisting of 5 energy consumption blocks. This is a single phase 230 volts 60 Ampere supply.

Typical Customers

Low consumption indigent residential customers who meet the following criteria:

- The household income of applicants, from all sources, shall not exceed the equivalent of two state pensions.
- The following child grants will be excluded from the household income determination:
 - Foster child grant
 - Care Depending grant
 - Child support grant
 - Ward committee member stipend

The specific conditions are spelled out in the ATTP Policy Ref. No 5/18/5/P of 2019 - <https://www.nelsonmandelabay.gov.za/DataRepository/Documents/attp-policy-v3-adopted-4-december-2018.pdf>.

Energy Charge

Blocks of Energy	c/kWh (excl. VAT)	VAT	Total c/kWh (incl. VAT)
Block 1: (0 – 75 kWh)	122.78	18.42	141.20
Block 2: (76 to 350 kWh)	134.78	20.22	155.00
Block 3: (351 to 600 kWh)	223.92	33.59	257.51
Block 4: (601 – 950 kWh)	252.55	37.88	290.43
Block 5: (> 950 kWh)	252.55	37.88	290.43

Notes

Example of how the tariff is applied when the customer qualifies for free basic (FBE) electricity: Assuming a customer buys a 100 kWh, the first 75 kWh is free, but the customer will pay R 1.55 per kWh for the next 25 kWh. Customers can collect their 75 free kWh on the first day of every new calendar month.

Non-ATTP Prepaid Tariff (Prepayment Tariff T01)

Tariff Description

This is an inclining block tariff consisting of 4 energy consumption blocks. This is applicable to single phase 230 Volt, 80 Ampere and three phase 400 Volt, 100 Ampere supplies.

Typical Customers

This supply is for medium sized residential customers.

Energy Charge

Blocks of Energy	c/kWh (excl. VAT)	VAT	Total c/kWh (incl. VAT)
Block 1: (0 to 350 kWh)	189.15	28.37	217.52
Block 2: (351 to 600 kWh)	228.26	34.24	262.50
Block 3: (601 – 950 kWh)	252.55	37.88	290.43
Block 4: (> 950 kWh)	262.28	39.34	301.62

Non-ATTP Credit Tariff (Scale 31 & 36)

Tariff Description

This is an inclining block tariff consisting of 4 energy consumption blocks. This tariff is applicable to a single phase 230 Volt, 80 Ampere and three phase 400 Volt, 100 Ampere supplies.

Typical Customers

This supply is for medium to larger sized residential customers

Charges

Energy Charge			
Blocks of Energy	c/kWh (excl. VAT)	VAT	Total c/kWh (incl. VAT)
Block 1: (0 to 350 kWh)	189.15	28.37	217.52
Block 2: (351 to 600 kWh)	228.26	34.24	262.50
Block 3: (601 – 950 kWh)	252.55	37.88	290.43
Block 4: (> 950 kWh)	262.28	39.34	301.62
	Charge (Rand) (excl. VAT)	VAT	Total (Rand) (incl. VAT)
Basic Charge (R/month)	48.51	7.28	55.79

Basic Charge

The charge is a fixed monthly charge for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

Estimated readings are captured in the months that no meter readings were done. As soon as an actual reading is done, the bill gets adjusted for over- or underestimates.

Customers on this tariff can convert to the Extra Low Voltage Time of Use tariff as a prepaid or a credit customer. See **Annexure A** for details on the phase-in of new tariffs.

Domestic Time of Use Tariff (Scale 31TOU)

Tariff Description

This tariff is for the renewable energy customers only. This is applicable to single phase 230 Volt, 80 Ampere supplies and three phase 400 Volt, 100 Ampere supplies. The tariff focus is on the time periods per day but is not seasonally differentiated.

Typical Customers

Domestic customers that installed solar solutions

Charges

Energy Charge			
Time Period	c/kWh (excl. VAT)	VAT	Total c/kWh (incl. VAT)
Peak	286.95	43.04	329.99
Standard	167.45	25.12	192.57
Off Peak	122.16	18.32	140.48
	Charge (Rand) (excl. VAT)	VAT	Total (Rand) (incl. VAT)
Basic Charge (R/month)	85.52	12.83	98.35

Basic Charge

The charge is a fixed monthly charge for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

It is foreseen that this tariff will be phased out in the near future. Customers on this tariff have an option to convert to ELV TOU. See **Annexure A** for details on the phase-in of new tariffs.

Extra Low Voltage Time of Use Tariff (New)

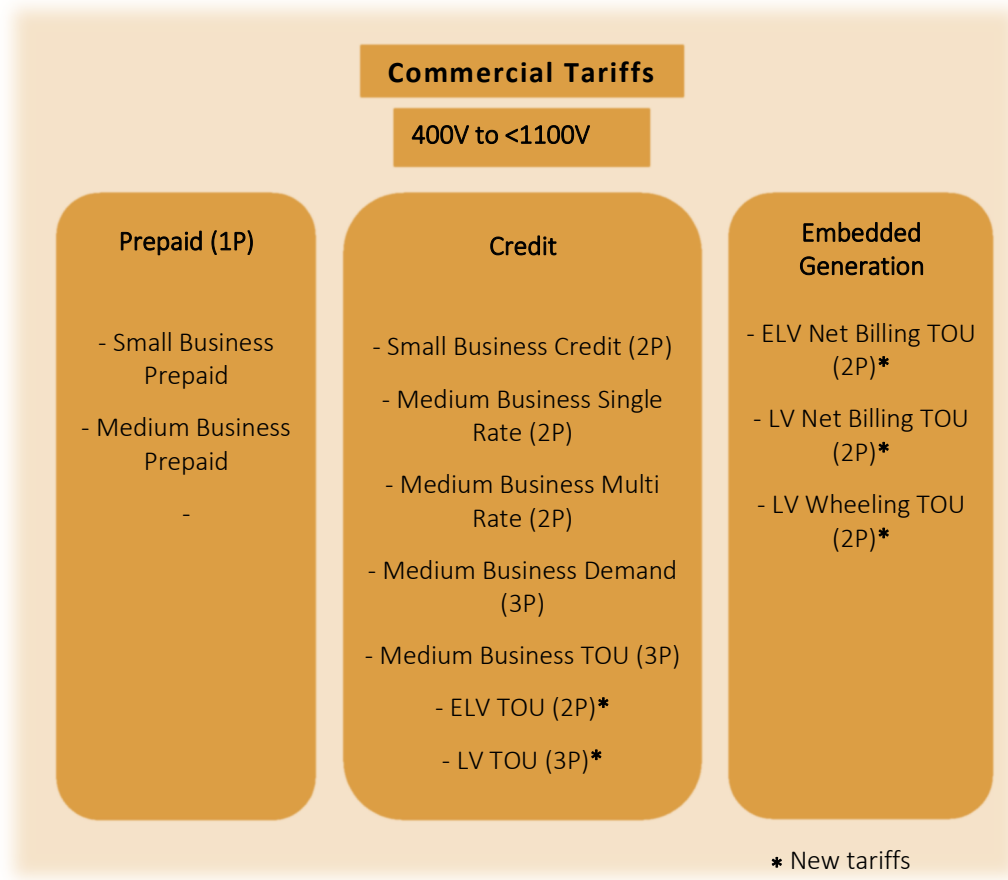
Refer to page 35 for the tariff schedule.

Extra Low Voltage Net Billing Tariff (New)

Refer to page 36 for the tariff schedule.

COMMERCIAL TARIFF CATEGORY

(400 Volts to <11000 Volts)



Tariff Components	Charges	Voltages
1 Part	Energy Charge (c/kWh)	230 V and 400 V
2 Parts	- Energy Charges (c/kWh) - Basic Charge (R/Month)	230V and 400 V
3 Parts	- Energy Charge (c/kWh) - Basic Charge (R/Month) - Demand Charge (R/kVA)	400 V to < 11000 V

Small Business prepaid and Medium Business prepaid customers will have the choice to move to the Extra Low Voltage (ELV) Time of Use (TOU) tariff category. The TOU prepaid meter supply is limited to 100 Ampere. See **Annexure A** for details on the phase-in of new tariffs.

Independent Power Producer's (IPP's) in the 400V to <11000V supply category, will be able to wheel to specific customers (third-party) of NMBM subject to the required municipal approval. The third-party customers must be on the ELV or LV TOU tariff before wheeling can be approved.

Businesses that have installed PV systems at their premises for own usage, will be able, subject to municipal approval, to feed surplus energy back into the NMBM network at the ELV Net Billing TOU Tariff or the LV Net Billing TOU tariff. Credits for the feed-in will be allocated to the customer's bill to off-set energy consumed from the network, until the bill for energy consumed from the network during a specific month is zero. Credits will expire at the end of each month.

A monthly Small Scale Embedded Generation (SSEG) Support charge is applicable to allow for the availability and maintenance of the feed-in point.

See **Annexure D** for the Net Billing Rules.

Small Business Prepaid Tariff (Prepayment Tariff T32 & 37)

Tariff Description

This tariff is for small businesses on single- and three phase supplies.

Typical Customers

Small shops that use mainly lights, air conditioner and a few electronic devices supplied of single phase 230 Volt, 80 Ampere or three phase 400 Volt, 100 Ampere supplies.

Charges

	c/kWh (excl. VAT)	VAT	Total c/kWh (incl. VAT)
Energy Charge	239.63	35.94	275.57

Basic Charge

No basic service charge for prepayment.

Notes

Customers on this tariff have the option to convert to one of the following tariffs:

- ELV TOU Prepaid
- ELV TOU Credit

See **Annexure A** for details on the phase-in of new tariffs.

Small Business Credit Tariff (Scale 32 & 37)

Tariff Description

This tariff is for the small businesses on a single-phase supply.

Typical Customers

Small shops that use mainly lights, air conditioner and a few electronic devices. It is a 230 volts 80 Ampere single phase supply.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)	241.79	36.27	278.06
Basic Charge (R/Month)	278.47	41.77	320.24

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

It is foreseen that this tariff will be phased out in the near future. Customers on this tariff have the option to convert to one of the following tariffs:

- ELV TOU Prepaid
- ELV TOU Credit

See **Annexure A** for details on the phase-in of new tariffs.

Medium Business Prepaid Tariff (Prepayment Tariff T33 & 38)

Tariff Description

This tariff is for the larger commercial businesses on a three phase supply.

Typical Customers

Medium size commercial business that uses mainly lights, air conditioner and machinery. It is a 400-volt 3 phase supply with a rating up to 250 Ampere.

Charges

	c/kWh (excl. VAT)	VAT	Total c/kWh (incl. VAT)
Energy Charge	230.54	34.58	265.12

Basic Charge

No basic service charge for prepayment.

Notes

Customers on this tariff have the option to convert to one of the following tariffs:

- ELV TOU Prepaid
- ELV TOU Credit
- LV TOU

See **Annexure A** for details on the phase-in of new tariffs.

Medium Business Multi Rate Tariff (Scale 60 & 61)

Tariff Description

This tariff is for medium businesses on 400 volts supply <= than 200 kVA

Typical Customers

The supply is for medium businesses on 400 volts, 3 phase supplies up to 300 Ampere (200kVA).

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Peak (c/kWh)	251.22	37.68	288.90
Energy Off-Peak (c/kWh)	112.70	16.91	129.61
Basic Charge (R/month)	1106.10	165.92	1272.02

Energy Charge

Two energy periods are defined namely peak period and off-peak period. Kilowatt-hour consumption will be separately metered during the peak and off-peak periods and different energy charges will be applied to the peak and off-peak kilowatt-hour consumptions. Public Holidays are listed in **Annexure C**.

Winter & summer (January to December)

Day Type	Period	Morning		Evening
Weekdays	Peak	07:00	to	20:00
	Off-Peak	00:00 - 07:00		20:00 - 24:00
Saturdays	Off-Peak	00:00	to	24:00
Sundays	Off-Peak	00:00	to	24:00
Public Holidays	Off-Peak	00:00	to	24:00

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

It is foreseen that this tariff will be phased out in the near future. Customers on this tariff have to convert to the following tariff:

- LV TOU

See **Annexure A** for details on the phase-in of new tariffs.

Medium Business Single Rate Tariff (Scale 33 & 38)

Tariff Description

This tariff is for medium businesses =< than 200 kVA

Typical Customers

The supply is for medium businesses on 400 volts, 3 phase supplies up to 300 Ampere (200kVA).

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Summer (c/kWh)	200.82	30.12	230.94
Energy Winter (c/kWh)	277.57	41.64	319.21
Basic Charge (R/month)	1106.10	165.92	1272.02

Energy Charge

Two energy periods are defined namely peak period and off-peak period. Kilowatt-hour consumption will be separately metered during the peak and off-peak periods and different energy charges will be applied to the peak and off-peak kilowatt-hour consumptions. Public Holidays are listed in **Annexure C**.

Winter & summer (January to December)

Day Type	Period	Morning		Evening
Weekdays	Peak	07:00	to	20:00
	Off-Peak	00:00 - 07:00		20:00 - 24:00
Saturdays	Off-Peak	00:00	to	24:00
Sundays	Off-Peak	00:00	to	24:00
Public Holidays	Off-Peak	00:00	to	24:00

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

It is foreseen that this tariff will be phased out in the near future. Customers on this tariff have to convert to the following tariff:

- LV TOU

See **Annexure A** for details on the phase-in of new tariffs.

Medium Business Meter Demand Tariff (Scale 34 & 39)

Tariff Description

This tariff is for medium business supplies bigger than 300 Ampere (a maximum demand charge of at least 70 kVA applies).

Typical Customers

This is for medium business on 400 Volt supplies with circuit breakers larger than 300 Ampere (200 kVA).

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
Summer	148.10	22.22	170.32
Winter	223.97	33.60	257.57
Demand Charge (R/kVA)			
Summer	163.27	24.49	187.76
Winter	163.27	24.49	187.76
Basic Charge (R/Month)	1116.98	167.55	1284.53

Energy Charge

Two energy periods are defined namely peak period and off-peak period. Kilowatt-hour consumption will be separately metered during the peak and off-peak periods and different energy charges will be applied to the peak and off-peak kilowatt-hour consumptions. Public Holidays are listed in **Annexure C**.

Winter & summer (January to December)

Day Type	Period	Morning		Evening
Weekdays	Peak	07:00	to	20:00
	Off-Peak	00:00 - 07:00		20:00 - 24:00
Saturdays	Off-Peak	00:00	to	24:00
Sundays	Off-Peak	00:00	to	24:00
Public Holidays	Off-Peak	00:00	to	24:00

Demand Charge

The demand charge is based on the highest demand registered during the billing month, for any time periods, measured in kVA.

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

This tariff will be phased out in the near future. Customers on this tariff have to convert to the following tariff:

- LV TOU

See **Annexure A** for details on the phase-in of new tariffs.

Medium Business Time of Use Tariff (Scale 34T & 39T)

Tariff Description

This tariff is for medium business supplies bigger than 300 Ampere.

Typical Customers

This is for medium business on 400 Volt supplies with circuit breakers larger than 300 Ampere (200 kVA).

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
Winter: Peak	487.73	73.16	560.89
Standard	164.57	24.69	189.26
Off Peak	100.38	15.06	155.44
Summer: Peak	175.33	26.30	201.63
Standard	128.17	19.23	147.40
Off Peak	90.13	13.52	103.65
Demand Charge (R/kVA)	144.04	21.16	165.65
Basic Charge (R/Month)	1116.98	167.55	1284.53

Energy Charges

Different energy rates are levied during peak, standard and off-peak periods. There are two seasonal periods, Winter (June, July and August) and Summer (September to May) per annum with different charges applicable to each season.

Low Season, Summer (September to May)

Day Type	Period	Morning	Afternoon	Evening
Weekdays	Off-Peak	00:00 - 06:00		22:00 - 24:00
	Standard	06:00 - 07:00	10:00 - 18:00	20:00 - 22:00
	Peak	07:00 - 10:00		18:00 - 20:00
Saturdays	Off-Peak	00:00 - 07:00	12:00 - 18:00	20:00 - 24:00
	Standard	07:00 - 12:00		18:00 - 20:00
Sundays	Off-Peak	00:00	to	24:00

High Season, Winter (June, July and August)

Day Type	Period	Morning	Afternoon	Evening
Weekdays	Off-Peak	00:00 - 06:00		22:00 - 24:00
	Standard	09:00 -	- 17:00	19:00 - 22:00
	Peak	06:00 - 09:00		17:00 - 19:00
Saturdays	Off-Peak	00:00 - 07:00	12:00 - 18:00	20:00 - 24:00
	Standard	07:00 - 12:00		18:00 - 20:00
Sundays	Off-Peak	00:00	to	24:00

Public Holidays will be treated as a Saturday or a Sunday as specified annually by Eskom for their Megaflex tariff – refer to **Annexure C**. Any “unexpected” holiday will be treated as the day it falls on.

Demand Charge

The demand charge is based on the highest demand registered during the billing month, for any time periods, measured in kVA. Maximum demand, measured in kVA, will be computed over half-hourly integrating periods and levied on the maximum demand registered during peak and standard periods during the complete billing month.

Basic Charges

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

It is foreseen that this tariff will be phased out in the near future. Customers on this tariff have to convert to the following tariff:

- LV TOU

See **Annexure A** for details on the phase-in of new tariffs.

Extra Low Voltage Time of Use Tariff (New)

Refer to page 35 for the tariff schedule

Extra Low Voltage Net Billing Tariff (New)

Refer to page 36 for the tariff schedule

Low Voltage Time of Use Tariff (New)

Refer to page 37 for the tariff schedule

Low Voltage Net Billing Tariff (New)

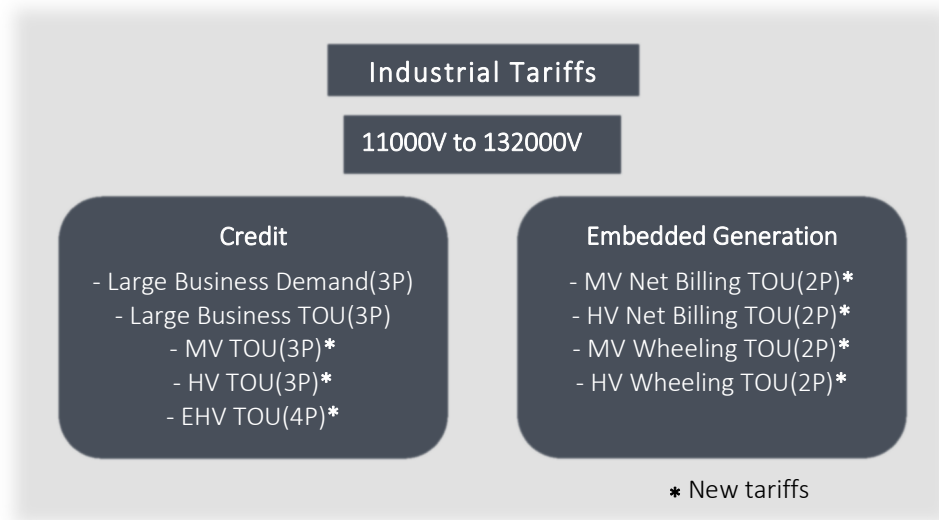
Refer to page 38 for the tariff schedule

Low Voltage Wheeling Tariff (New)

Refer to page 39 for the tariff schedule

INDUSTRIAL TARRIFS

(11000 Volts to 132000 Volts)



Tariff Components	Charges	Voltages
2 Parts	- Energy Charges (c/kWh) - Basic Charge (R/Month)	11000V to 132000V
3 Parts	- Energy Charge (c/kWh) - Basic Charge (R/Month) - Demand Charge (R/kVA)	11000V to < 132000V
4 Part	- Energy Charge (c/kWh) - Basic Charge (R/Month) - Demand Charge (R/kVA) - Capacity Charge (R/kVA)	>= 1320000

The Large Business Demand and Time of Use (TOU) customers will move to Medium Voltage (MV) or High Voltage (HV) or Extra High Voltage (EHV) TOU tariffs depending on the supply size. HV TOU customers will be from 33000 volts upwards to <132000 volts. EHV TOU customers will be from 132000 volts and higher

In respect of Independent Power Producers (IPP's), the relevant wheeling tariffs will be applicable (see also voltage categories) for supplying energy directly to NMBM customers.

The embedded generation Net Billing tariffs are available to qualifying customers that want to feed excess PV generated energy or other renewable energy back into the NMBM grid.

Large Business Demand Tariff (Scale 35 and 30)

Tariff Description

This tariff is for large businesses bigger than 70kVA but smaller than 1 MVA.

Typical Customers

This is for large business.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
Summer	136.02	20.40	156.42
Winter	208.12	31.22	239.34
Demand Charge (R/kVA)			
Summer	159.82	23.97	183.79
Winter	159.82	23.97	183.79
Basic Charge (R/Month)	4653.98	698.10	5352.08

Energy Charges

There are two seasonal periods, Winter (June, July and August) and Summer (September to May) per annum with different charges applicable to each season.

Demand Charge

The demand charge is based on the highest demand registered during the billing month, for any time periods, measured in kVA.

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

It is foreseen that this tariff will be phased out in the near future. Customers on this tariff have to convert to the following tariff:

- MV TOU

See **Annexure A** for details on the phase-in of new tariffs.

Large Business Time of Use (Scale 40T and 40R)

Tariff Description

This tariff is for large businesses with a point of supply bigger than 1 MVA.

Typical Customers

This is for large business in the extra heavy industrial market.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
High Season (Winter)			
Peak	466.08	69.91	535.99
Standard	150.10	22.52	172.62
Off Peak	87.34	13.10	100.44
Low Season (Summer)			
Peak	160.59	24.09	184.68
Standard	114.49	17.17	131.66
Off Peak	77.32	11.60	88.92
Demand Charge (R/kVA)	123.69	18.55	142.24
Basic Charge (R/Month)	4549.89	682.48	5232.37

Energy Charges

Different energy rates are levied during peak, standard and off-peak periods. There are two seasonal periods, Winter (June, July and August) and Summer (September to May) per annum with different charges applicable to each season.

Low Season, Summer (September to May)

Day Type	Period	Morning	Afternoon	Evening
Weekdays	Off-Peak	00:00 - 06:00		22:00 - 24:00
	Standard	06:00 - 07:00	10:00 - 18:00	20:00 - 22:00
	Peak	07:00 - 10:00		18:00 - 20:00
Saturdays	Off-Peak	00:00 - 07:00	12:00 - 18:00	20:00 - 24:00
	Standard	07:00 - 12:00		18:00 - 20:00
Sundays	Off-Peak	00:00	to	24:00

High Season, Winter (June, July and August)

Day Type	Period	Morning	Afternoon	Evening
Weekdays	Off-Peak	00:00 - 06:00		22:00 - 24:00
	Standard	09:00 -	- 17:00	19:00 - 22:00
	Peak	06:00 - 09:00		17:00 - 19:00
Saturdays	Off-Peak	00:00 - 07:00	12:00 - 18:00	20:00 - 24:00
	Standard	07:00 - 12:00		18:00 - 20:00
Sundays	Off-Peak	00:00	to	24:00

Public Holidays will be treated as a Saturday or a Sunday as specified annually by Eskom for their Megaflex tariff – refer to **Annexure C**. Any “unexpected” holiday will be treated as the day it falls on.

Demand Charge

The demand charge is based on the highest demand registered during the billing month, for any time periods, measured in kVA. Maximum demand, measured in kVA, will be computed over half-hourly integrating periods and levied on the maximum demand registered during peak and standard periods during the complete billing month.

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

It is foreseen that this tariff will be phased out in the near future. Customers on this tariff have to convert to the following tariffs:

- MV TOU
- HV TOU

See **Annexure A** for details on the phase-in of new tariffs.

Medium Voltage Time of Use (New)

Refer to page 40 for the tariff schedule.

Medium Voltage Net Billing Tariff (New)

Refer to page 41 for the tariff schedule.

Medium Voltage Wheeling Tariff (New)

Refer to page 42 for the tariff schedule.

High Voltage Time of Use Tariff (New)

Refer to page 43 for the tariff schedule.

High Voltage Net Billing Tariff (New)

Refer to page 44 for the tariff schedule

High Voltage Wheeling Tariff (New)

Refer to page 45 for the tariff schedule

Extra High Voltage Time of Use (New)

Refer to page 46 for the tariff schedule

NEW TARIFFS

Extra Low Voltage Time of Use Tariff (Scale 31Y)

Tariff Description

This tariff is a new 3-part time of use (TOU) tariff for the residential or small business customers with a 4-quadrant smart TOU credit or prepaid meter.

Typical Customers

This tariff is for residential or small business customers (barring ATTP Prepaid customers). This is applicable to single phase 230 Volt, 80 Ampere and three phase 400 and 500 Volt supplies up to 100 Ampere.

Charges

Energy Charge			
Time Period	c/kWh (excl. VAT)	VAT	Total c/kWh (incl. VAT)
Summer: Peak	176.70	26.51	203.21
Standard	129.04	19.36	148.40
Off Peak	90.61	13.59	104.20
Winter: Peak	492.33	73.85	566.18
Standard	165.82	24.87	190.69
Off Peak	100.97	15.15	116.12
	Charge (Rand) (excl. VAT)	VAT	Total (Rand) (incl. VAT)
Basic Charge (R/month)	306.82	46.02	352.84

Energy Charge

The energy component of the tariff consists of six TOU energy charges based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**.

Basic Charge

The charge is a fixed monthly charge for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

This tariff is applicable to customers currently on the following tariffs:

- Non-ATTP prepaid customers
- Non-ATTP credit customers
- Domestic TOU customers
- Small Business Prepaid customers
- Small Business Credit Customers

See **Annexure A** for details on the phase-in of new tariffs.

Extra Low Voltage Net Billing Tariff (Scale 31X)

Tariff Description

This is a new 3-part TOU tariff for residential or small business customers with a 4 quadrant smart TOU credit or prepaid meter and that qualifies as embedded generation customers. The tariff will be applicable to single phase 230 Volt, 80 Ampere and three phase 400 and 500 Volt supplies up to 100 Ampere.

Typical Customers

Residential or small business customers that generate for own consumption energy via embedded generation facilities and approved to earn credits by feeding surplus energy back into NMBM's networks.

Charges

Net-Billing TOU Credit Rates			
Time Period	c/kWh (excl. VAT)	VAT	Total c/kWh (incl. VAT)
Summer: Peak	98.36	14.75	113.11
Standard	69.98	10.50	80.48
Off Peak	47.08	7.06	54.14
Winter: Peak	286.38	42.96	329.34
Standard	91.88	13.78	105.66
Off Peak	53.25	7.99	61.24
	Charge (Rand) (excl. VAT)	VAT	Total (Rand) (incl. VAT)
SSEG Support Charge (R/Month)	76.71	11.51	88.22

Energy Charge

The TOU energy credits shall apply for energy measured and delivered to NMBM. There are six TOU energy credit rates based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**. Excess credits will expire at the end of each month.

SSEG Support Charge

The Small Scale Embedded Generation (SSEG) support charge is an additional fixed monthly charge (Rand per month) for administrative services. The fixed charge is levied each month, irrespective of energy feed-in or not.

Notes

See **Annexure D** for the Net Billing Rules.

Low Voltage Time of Use Tariff (Scale 32X)

Tariff Description

This is a new 3-part Time of Use (TOU) tariff for low voltage domestic and business customers.

Typical Customers

A business customer with:

- A connection voltage of 400 up to 11000 volts, greater than 100 Ampere, and
- An approved installed 4-quadrant smart TOU credit meter.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
Winter: Peak	487.40	73.11	560.51
Standard	164.24	24.64	188.88
Off Peak	100.05	15.01	115.06
Summer: Peak	175.00	26.25	201.25
Standard	127.84	19.18	147.02
Off Peak	89.80	13.47	103.27
Demand Charge (R/kVA)	136.95	20.54	157.49
Basic Charge (R/Month)	1022.05	153.31	1175.36

Energy Charge

The energy component of the tariff consists of six TOU energy charges based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**.

Demand Charge

The demand charge is based on the highest demand registered during the billing month, for any time periods, measured in kVA.

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

This tariff is applicable to customers currently on the following tariffs:

- Medium Business Multi Rate
- Medium Business Single Rate
- Medium Business Demand
- Medium Business TOU

See **Annexure A** for details on the phase-in of new tariffs.

Low Voltage Net Billing Tariff (Scale 33Y)

Tariff Description

The charges and credits set out below shall apply in addition to the charges set out under the “Low Voltage TOU Tariff (new code)”.

Typical Customers

A domestic complex or business customer with:

- A connection voltage of 400 up to 11000 volts, greater than 100 Ampere,
- An approved installed 4-quadrant smart TOU credit meter,
- An approved Embedded Generator connected on the customer’s side of the meter, and
- Registered as a Net-Billing customer with NMBM.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Net Billing TOU Credit rate (c/kWh)			
Winter: Peak	286.38	42.96	329.34
Standard	91.88	13.78	105.66
Off Peak	53.25	7.99	61.24
Summer: Peak	98.36	14.75	113.11
Standard	69.98	10.50	80.48
Off Peak	47.08	7.06	54.14
SSEG Support Charge (R/Month)	255.51	38.33	293.84

Energy Credits

The TOU energy credits shall apply for energy measured and delivered to NMBM.

There are six TOU energy credit rates based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**. Excess credits will expire at the end of each month.

SSEG Support Charge

The Small Scale Embedded Generation (SSEG) support charge is an additional fixed monthly charge (Rand per month) for administrative services. The fixed charge is levied each month, irrespective of energy feed-in or not.

Notes

See **Annexure D** for the Net Billing Rules.

Low Voltage Wheeling Tariff (Scale 32Y)

Tariff Description

The charges and credits set out below shall apply in addition to the charges set out under the “Low Voltage TOU Tariff (new code)”. This tariff is for domestic complexes or business customers who wants to purchase electricity directly from an Independent Power Producer (IPP)

Typical Customers

A business customer with:

- A connection voltage of 400 up to 11000 volts, greater than 100 Ampere,
- An approved installed 4-quadrant smart TOU credit meter,
- A nominated and approved supplier either connected directly to the NMBM or Embedded Generator connected to an registered customer, and
- Registered as a Wheeling customer with NMBM.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Net Billing TOU Credit rate (c/kWh)			
Winter: Peak	56.82	8.52	65.34
Standard	32.88	4.93	37.81
Off Peak	28.12	4.22	32.34
Summer: Peak	33.67	5.05	38.72
Standard	30.18	4.53	34.71
Off Peak	27.36	4.10	31.46
SSEG Support Charge (R/Month)	255.51	38.33	293.84

Wheeling Energy Credits

The TOU wheeling energy charges shall apply for energy measured and delivered to NMBM. The TOU period definitions are set out in **Annexure B**.

SSEG Support Charge

The Small Scale Embedded Generation (SSEG) support charge is an additional fixed monthly charge (Rand per month) for administrative services. The fixed charge is levied each month, irrespective of energy feed-in or not.

Notes

Rules for Wheeling are set out in **Annexure E**.

Medium Voltage Time of Use (Scale 40X)

Tariff Description

This is a new 3-part Time of Use (TOU) tariff for large domestic complexes and businesses.

Typical Customers

A business customer with:

- A connection voltage bigger than 11000 volts and less than 33000 volts, and
- An approved and installed 4-quadrant smart TOU credit meter.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
High Season (Winter)			
Peak	476.82	71.52	548.34
Standard	160.84	24.13	184.97
Off Peak	98.09	14.71	112.80
Low Season (Summer)			
Peak	171.37	25.71	197.08
Standard	125.25	18.79	144.04
Off Peak	88.06	13.21	101.27
Demand Charge (R/kVA)	115.32	17.30	132.62
Basic Charge (R/Month)	5450.94	817064	6268.58

Energy Charge

The energy component of the tariff consists of six Time of Use (TOU) energy charges based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**.

Demand Charge

The demand charge is based on the highest demand registered during the billing month, for any time periods, measured in kVA.

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

This tariff is applicable to customers currently on the following tariffs:

- Large Business Demand
- Large Business TOU
- Domestic complexes on 6 600, 11 000 and 22 000 volt supplies

See **Annexure A** for details on the phase-in of new tariffs.

Medium Voltage Net Billing Tariff (Scale 40Z)

Tariff Description

The charges and credits set out below shall apply in addition to the charges set out under the “Medium Voltage TOU (new code)” tariff.

Typical Customers

Large business customers with:

- A connection voltage of bigger than 11000 volts and less than 33000 volts,
- An approved installed 4-quadrant smart TOU credit,
- An approved Embedded Generator connected on the customer’s side of the meter, and
- Registered as a Net-Billing customer with NMBM.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Net Billing TOU Credit rate (c/kWh)			
High Season (Winter)			
Peak	286.38	42.96	329.34
Standard	91.88	13.78	105.66
Off Peak	53.25	7.99	61.24
Low Season (Summer)			
Peak	98.36	14.75	113.11
Standard	69.98	10.50	80.48
Off Peak	47.08	7.06	54.14
SSEG Support Charge (R/Month)	1362.74	204.41	1567.15

Energy Credits

The TOU energy credits shall apply for energy measured and delivered to NMBM.

There are six TOU energy credit rates based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**. Excess credits will expire at the end of each month.

SSEG Support Charge

The Small Scale Embedded Generation (SSEG) support charge is an additional fixed monthly charge (Rand per month) for administrative services. The fixed charge is levied each month, irrespective of energy feed-in or not.

Notes

See **Annexure D** for the Net Billing Rules.

Medium Voltage Wheeling Tariff (Scale 40Y)

Tariff Description

The charges and credits set out below shall apply in addition to the charges set out under the “Low Voltage TOU Tariff (new code)”. This tariff is for large domestic complexes and businesses who want to purchase electricity directly from an Independent Power Producer (IPP).

Typical Customers

A business customer with:

- A connection voltage bigger than 11000 volts and less than 33000 volts,
- An approved installed 4-quadrant smart TOU credit meter,
- A nominated and approved supplier either connected directly to the NMBM or Embedded Generator connected to a registered customer, and
- Registered as a Wheeling customer with NMBM.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
High Season (Winter)			
Peak	46.24	6.94	53.18
Standard	29.48	4.42	33.90
Off Peak	26.16	3.92	30.08
Low Season (Summer)			
Peak	30.06	4.51	34.57
Standard	27.60	4.14	31.74
Off Peak	25.62	3.84	29.46
SSEG Support Charge (R/Month)	1362.74	204.41	1567.15

Wheeling Energy Credits

The TOU wheeling energy charges shall apply for energy measured and delivered to NMBM. The TOU period definitions are set out in **Annexure B**. Excess credits will expire at the end of each month.

SSEG Support Charge

The Small Scale Embedded Generation (SSEG) support charge is an additional fixed monthly charge (Rand per month) for administrative services. The fixed charge is levied each month, irrespective of energy feed-in or not.

Notes

Rules for Wheeling are set out in **Annexure E**.

High Voltage Time of Use Tariff (Scale 50X)

Tariff Description

This is a new 3-part Time of Use (TOU) tariff for large businesses.

Typical Customers

A business customer with:

- A connection voltage bigger 33000 volts and less than 132000 volts, and
- An approved installed 4-quadrant smart TOU credit meter.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
High Season (Winter)			
Peak	459.82	68.97	528.79
Standard	155.39	23.31	178.70
Off Peak	94.92	14.24	109.16
Low Season (Summer)			
Peak	165.53	24.83	190.36
Standard	121.10	18.17	139.27
Off Peak	85.26	12.79	98.05
Demand Charge (R/kVA)	96.87	14.53	111.40
Basic Charge (R/Month)	10175.00	1526.25	11701.25

Energy Charge

The energy component of the tariff consists of six Time of Use (TOU) energy charges based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**.

Demand Charge

The demand charge is based on the highest demand registered during the billing month, for any time periods, measured in kVA.

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

This tariff is applicable to customers currently on the following tariffs:

- Large Business TOU with a supply voltage higher than 33000 Volts

See **Annexure A** for details on the phase-in of new tariffs.

High Voltage Net Billing Tariff (Scale 50Z)

Tariff Description

The charges and credits set out below shall apply in addition to the charges set out under the “High Voltage TOU (new code)” tariff.

Typical Customers

Large business customers with:

- A connection voltage bigger than 33000 volts and less than 132000 volts,
- An approved installed 4-quadrant smart TOU credit meter,
- An approved Embedded Generator connected on the customer’s side of the meter, and
- Registered as a Net-Billing customer with NMBM.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Net Billing TOU Credit rate (c/kWh)			
High Season (Winter)			
Peak	286.38	42.96	329.34
Standard	91.88	13.78	105.66
Off Peak	53.25	7.99	61.24
Low Season (Summer)			
Peak	98.36	14.75	113.11
Standard	69.98	10.50	80.48
Off Peak	47.08	7.06	54.14
SSEG Support Charge (R/Month)	2543.75	381.56	2925.31

Energy Credits

The TOU energy credits shall apply for energy measured and delivered to NMBM.

There are six TOU energy credit rates based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**. Excess credits will expire at the end of each month.

SSEG Support Charge

The Small Scale Embedded Generation (SSEG) support charge is an additional fixed monthly charge (Rand per month) for administrative services. The fixed charge is levied each month, irrespective of energy feed-in or not.

Notes

See **Annexure D** for the Net Billing Rules.

High Voltage Wheeling Tariff (Scale 50Y)

Tariff Description

The charges and credits set out below shall apply in addition to the charges set out under the “High Voltage TOU Tariff (new code)”. This tariff is for large business who wants to purchase electricity directly from an Independent Power Producer (IPP).

Typical Customers

A business customer with:

- A connection voltage bigger than 33000 volts and less than 132000 volts,
- An approved installed 4-quadrant smart TOU credit meter,
- A nominated and approved supplier either connected directly to the NMBM or Embedded Generator connected to a registered customer, and
- Registered as a Wheeling customer with NMBM.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
High Season (Winter)			
Peak	39.23	5.88	45.11
Standard	24.03	3.60	27.63
Off Peak	22.99	3.45	26.44
Low Season (Summer)			
Peak	24.20	3.63	27.83
Standard	23.44	3.52	26.96
Off Peak	22.83	3.42	26.25
SSEG Support Charge (R/Month)	2543.75	381.56	2925.31

Wheeling Energy Credits

The TOU wheeling energy charges shall apply for energy measured and delivered to NMBM. The TOU period definitions are set out in **Annexure B**. Excess credits will expire at the end of each month.

SSEG Support Charge

The Small Scale Embedded Generation (SSEG) support charge is an additional fixed monthly charge (Rand per month) for administrative services. The fixed charge is levied each month, irrespective of energy feed-in or not.

Notes

Rules for Wheeling are set out in **Annexure E**.

Extra High Voltage Time of Use Tariff (Scale 40A)

Tariff Description

This is a new 3-part bulk Time of Use (TOU) tariff for large industries.

Typical Customers

A business customer with:

- A connection voltage equal to or bigger than 132000 volts, and
- An approved installed 4-quadrant smart TOU credit meter.

Charges

	Charge (excl. VAT)	VAT	Total Charge (incl. VAT)
Energy Charge (c/kWh)			
High Season (Winter)			
Peak	465.54	69.83	535.37
Standard	149.41	22.41	171.82
Off Peak	86.64	13.00	99.64
Low Season (Summer)			
Peak	159.94	23.99	183.93
Standard	113.85	17.08	130.93
Off Peak	76.61	11.49	88.10
Demand Charge (R/kVA)	15.72	2.36	18.08
Capacity Charge (R/kVA)	41.02	6.15	47.17
Basic Charge (R/Month)	13058.75	1958.81	15017.56

Energy Charge

The energy component of the tariff consists of six Time of Use (TOU) energy charges based on the metered consumption in kWh during the corresponding TOU periods. The TOU period definitions are set out in **Annexure B**.

Demand Charge

The demand charge is based on the highest demand registered during the billing month, for any time periods, measured in kVA.

Capacity Charge

The capacity charge is based on the highest amount of energy you are estimated to consume during a month.

Basic Charge

The fixed component of the tariff consists of a monthly charge (Rand per month) for administrative services. The fixed charge is levied monthly irrespective of the level of consumption.

Notes

This tariff is applicable to customers currently on the following tariffs:

- Large Business TOU with a supply voltage higher than 132000 Volts

See **Annexure A** for details on the phase-in of new tariffs.

MISCELLANEOUS CHARGES

Electricity and energy charges for miscellaneous electrical charges.

			Cost (Rand)	VAT	Total cost (Rand) (incl. VAT)
1.1		Low Voltage			
	1.1.1	Replacement of fuses or resetting of circuit breakers or isolating of the supply at customer's request (Internal faults or nobody at home)			
		Municipal breaker faulty			
		Normal Working hours	796.45	119.47	915.92
		Out of Normal hours (Monday to Saturday)	1 194.22	179.13	1 373.35
		Sundays and public holidays	1 592.90	238.94	1 831.84
		Non-refundable surcharge for call-outs between 22:00 and 07:00 (Only if the fault affects a single consumer)	511.94	76.79	588.73
	1.1.2	Disconnection and reconnection of supply at the request of a customer			
		Normal working hours	796.45	119.47	915.92
		Out of normal hours (Monday to Saturday)	1 194.22	179.13	1 373.35
		Sundays and public holidays	1 592.90	238.94	1 831.84
		Re-roofing	At Cost		
		The contractor must supply a compliance certificate			
1.2		Medium / High Voltage			
		Isolating and restoring supply at customer's request			
	1.2.1	Labour Charges:			
		Normal working hours	1 957.15	293.57	2 250.72
		Out of normal hours (Monday to Saturday)	2 935.72	440.36	3 376.08
		Sundays and public holidays	3 913.39	587.01	4 500.40
2		METERING			
		Metering costs are calculated as follows: (Cost of new hardware) plus (installation labour cost)			
2.1		New Services:			
		Domestic Supplies			
	2.1.1	Single phase supplies			
		Prepayment Split Metering (BS or DIN Lay-out)			
		Supply and Install 1 x Split Prepayment Meter, RF or PLC. Without Meter Enclosure	2 808.01	421.20	3 229.21
		Post-payment Embedded Generation (Net-Metering), 80 Ampere			
		Supply and Install 1 x Single phase four Quadrant programmable meter with modem	5 737.81	860.67	6 598.48
	2.1.2	Three phase supplies			
		Prepayment Split Metering (BS Lay-out). Three phase meter			
		Supply and Install 1 x Three phase Split 100A Prepayment Meter, RF or PLC	3 878.41	581.76	4 460.17
	2.1.3	Post-payment Embedded Generation (Net-Metering), 80 Ampere per phase			
		Supply and Install 1 x Three phase four Quadrant programmable meter with modem	7 578.59	1136.79	8 715.38
		Business Supplies			
	2.1.4	Single phase supplies, Direct Connected			
		Prepayment Metering, BS or DIN-rail lay-out, 80 Ampere			
		Supply and Install 1 x Split Prepayment Meter, RF or PLC. Without Meter Enclosure	2 808.01	421.20	3 229.21
		Post-payment Metering, BS lay-out, 100 Ampere			

			Cost (Rand)	VAT	Total cost (Rand) (incl. VAT)
		Supply and Install 1 x Single phase programmable credit meter 100A, with modem (Direct Connected)	5 737.61	860.64	6 598.25
		Embedded Generation (Post-payment) - Net-Metering, BS lay-out, 100 Ampere			
		Supply and Install 1 x Single phase four Quadrant programmable meter with modem	5 737.61	860.64	6 598.25
	2.1.5	Three phase supplies, Direct Connected			
		Prepayment Metering, BS lay-out, 100 Ampere			
		Supply and Install 1 x Split Prepayment Meter, 100 Ampere, RF or PLC communication	3 878.41	581.76	4 460.17
		Prepayment Metering, metal case 600x600mm, 250 Ampere per phase			
		Supply of 1 x Three phase 250A prepayment meter with RF UIU. Installation by customer's own contractor. NMBM will commission & seal.	15 375.20	2306.28	17 681.48
		Post-payment Metering, BS lay-out, 100 Ampere per phase			
		Supply and Install 1 x Three phase programmable credit meter 100A, with modem	5 737.61	860.64	6 598.25
		Post-payment Embedded Generation (Net-Metering), 100 Ampere per phase			
		Supply and Install 1 x Three phase four Quadrant programmable meter with modem	5 737.61	860.64	6 598.25
		Post-payment Metering, BS lay-out, 160 Ampere per phase			
		Supply and Install 1 x Three phase programmable credit meter 160A, with modem	7 948.81	1192.32	9 141.13
	2.16	Three phase supplies, Current Transformer (CT) Connected			
		Post-payment metering, (400 Volt / 200 to 1200 Ampere)			
		Supply and Install Single Meter CT-Connect Demand Meter Board Including CT's and GPRS Modem	At Cost		
		Embedded Generation (Post-payment) - Net-Metering, BS lay-out, (400 Volt / 200 to 1200 Ampere)			
		Supply and Install 1 x Three phase four Quadrant programmable CT metering with modem	At Cost		
	2.1.7	Three phase supplies, Current and Voltage Transformer (CT/VT) Connected			
		Post-payment metering, (6.6kV to 66kV / VT and CT Connected)			
		Supply and Install Double Meter CT/VT-Connect Demand Meter Board Including GPRS Modem	At Cost		
		Post-payment metering, Power Quality and Billing, (132 kV, VT and CT Connected, unlimited)			
		Supply and Install double Metering Panel CT/VT-Connect with 1 x Power Quality and 1 x Billing Meter and Ethernet, Fibre or GPRS Modem	At Cost		
	2.18	Cost of replacing damaged / destroyed / stolen Metering			
		Each case to be evaluated and quotation provided.	At Cost		
	2.1.9	Miscellaneous Metering Items (Collect from Munelek offices)			
		Standard Base	n/a		
		User Interface Unit (Wired type), Conlog	n/a		
		User Interface Unit (Wired type), Itron - obsolete, or limited availability	n/a		
		User Interface Unit (PLC), Itron - obsolete, or limited availability	n/a		
		User Interface Unit (RF), Conlog, wUIU(09)	511.00	76.65	587.65
		User Interface Unit (PLC), Landis & Gyr, P160	902.88	135.43	1 038.31
		Meter Room Padlock	260.87	39.13	300.00
		Meter Room Night Latch	At Cost		
		Meter ID Card			

			Cost (Rand)	VAT	Total cost (Rand) (incl. VAT)
		Charge of Missing meters (affidavit required)	At Cost		
		Circuit breaker			
	2.1.10	Other			
		Supply and Install 1 x 4-Way Meter Enclosure	1 123.50	168.53	1 292.03
		Supply and Install 1 x 6-Way Meter Enclosure	1 871.00	280.65	2 151.65
2.2		CONVERSION CREDIT TO PREPAID			
	2.2.1	Domestic single phase supplies			
		The cost of new metering	1 440.87	216.13	1 657.00
	2.2.2	Domestic Three phase supplies			
		The cost of new metering plus labour	At Cost		
	2.2.3	Business single phase supplies			
		The cost of new metering plus labour	At Cost		
	2.2.4	Business Three phase supplies			
		The cost of new metering plus labour	At Cost		
2.3	2.3	SUPPLY LINE CHANGES			
	2.3.1	Change from three phase to single phase metering			
		The cost of new metering plus labour	At Cost		
	2.3.2	Change from single phase to three phase metering			
		The cost of new metering plus labour	At Cost		
2.4		TARIFF CHANGES			
	2.4.1	The cost of a tariff change is dependent on whether the metering needs to be upgraded			
		Each case to be evaluated and quotation provided.	At Cost		
2.5		PROVISION OF METERING PULSES			
		Each case to be evaluated and quotation provided.	At Cost		
2.7		TESTING OF METERS AT CONSUMERS REQUEST			
		Testing is done at customer premises with meter in situ			
	2.7.1	Single Phase Meter	792.00	118.80	910.80
	2.7.2	Three Phase Meter (Direct Connected)	1 056.00	158.40	1 214.40
		Three Phase Meter (CT Connected)	1 056.00	158.40	1 214.40
		Three Phase Meter (CT/VT Connected) Excludes CT and VT Injection Tests	2 112.00	316.80	2 428.80
		Three Phase Meter (CT/VT Connected) Including CT and VT Injection Tests	At Cost		
2.8		TESTING OF METERS FOR OTHER MUNICIPALITIES			
		Meter to be delivered to Meter Laboratory. Tested on Test Bench			
	2.8.1	Meter testing and calibration certificate issued	792.00	118.80	910.80
	2.8.2	Test old meter in test lab for accuracy without adjustment	792.00	118.80	910.80
2.9		Change of Meters Out of Normal Hours (per hr)	At Cost		
2.10		Repositioning of meters/s at customers request			
		Each case to be evaluated and quotation provided.	At Cost		
2.11		Repairs to metering where tampering is not present	At Cost		h
2.12		Cost of replacing damaged /destroyed/stolen metering equipment:			
		Each case to be evaluated and quotation provided.	At Cost		
3		DISCONNECTION OF SUPPLY FOLLOWING TAMPERING			
		Reconnection to take place only after payment of the following disconnection fees plus making arrangements on all other outstanding costs and charges in terms of the credit control policy.			
3.1		Domestic Single Phase Supplies			

			Cost (Rand)	VAT	Total cost (Rand) (incl. VAT)
		First offence	R3478.26 plus smart meter installation at customer's cost	521.74	4 000.00
		Second offence	6956.52	1043.48	8 000.00
		Third offence	10434.78	1565.22	12 000.00
3.2		Domestic Three Phase Supplies			
		First offence	R 6956.52 plus smart meter installation at Customer's cost	1043.48	8 000.00
		Second offence	10434.78	1565.22	12 000.00
		Third offence	13043.48	1956.52	15 000.00
3.3		Small Business Category			
		First offence	10434.78	1565.22	12 000.00
		Second offence	13043.48	1956.52	15 000.00
		Third offence	17391.3	2608.70	20 000.00
3.3		Large / Industrial & Medium Business Category			
		First offence	10434.78	1565.22	12 000.00
		Second offence	13043.48	1956.52	15 000.00
		Third offence	17391.3	2608.70	20 000.00
		Costs will include estimated unmetered consumption, the cost of rectification of any damage to equipment belonging to NMBM plus the costs of any necessary safeguarding of the supply cable and metering installation. In cases involving bypass of the meter, such safeguarding may include re-routing the supply cable and such costs must be paid for in full prior to the supply being restored. Where such re-routing requires any alteration wiring affecting the distribution board, the customer will be required to submit a compliance form for the wiring installation prior to reconnection of the supply.			
4		SERVICE CONNECTIONS			
4.1		New or Additional Services			
	4.1.1	Connection Fees			
	4.1.1.1	Domestic			
		- Single phase service to primary dwelling unit - Electrification areas	511.94	76.79	588.73
		- Single phase service to primary dwelling unit - Non-Electrification areas	2 123.87	318.58	2 442.45
		- Three phase domestic Underground joint to mains			
		- CDU Connection 3 phase	At Cost		
	4.1.1.2	Business			
		Single phase business:			
		- CDU Connection	At Cost		
		- Underground Joint	At Cost		
		Three phase business:High Voltage			
		HV/MV Transformation	1 135.65	170.35	1 306.00
		HV Network			
		Three phase business:Meduim Voltage			
		MV Network	1 686.09	252.91	1 939.00
		Three phase business:Low Voltage			
		MV/LV Transformation			
	4.1.2	Service Cable on erf			

			Cost (Rand)	VAT	Total cost (Rand) (incl. VAT)
	4.1.2.1	Domestic			
		Single phase supply to dwelling unit:			
		- Supplied at pedestal 1 metre inside erf boundary			
		Three phase supplies	<i>At cost</i>		
	4.1.2.2	Business	<i>At cost</i>		
	4.1.3	Service Protective Devices (for installations not equipped with pre-payment meters).			
		Domestic single phase	No Charge		
		All other installations (domestic and business):			
		Per single phase circuit breaker installed, maximum			
		100 ampere (Commodity code 00308213)	<i>At cost</i>		
		80 ampere (Commodity code 00308201)	<i>At cost</i>		
		- Three phase circuit breakers >100A			
		- Three phase MV circuit breaker:			
		First unit	<i>At cost</i>		
		Further units	<i>At cost</i>		
4.2		Alterations to Services			
		Change of single or three phase overhead	<i>At cost</i>		
		Domestic service to single phase underground	<i>At cost</i>		
		Change of three phase overhead domestic	<i>At cost</i>		
		Service to three phase underground	<i>At cost</i>		
		All other service alterations	<i>At cost</i>		
4.3		Abortive Service Installation Call Charges			
		Normal working hours only:			
		- Cable Layer			
		- Cable Joints			
5		HIRE OF EQUIPMENT			
5.2		Recording Equipment			
	5.2.1	Single Phase Recorder for Current or Voltage (At customer request)			
		Single Phase Quality of supply recorder hire per day	<i>At cost</i>		
		- Installation			
	5.2.2	Three Phase recorded for Current Voltage kVa/Power (At customers request)			
		Three Phase Quality of supply recorder hire per day	<i>At cost</i>		
		- Installation			
5.3		Test			
		Charge is per hour the equipment is in use (minimum one hour). Labour to be charged at appropriate standard rates. Consumables to be charged at cost plus 20%.	<i>At cost</i>		
	5.3.1	Cable Fault			
		- Hourly			
		- Travel Charge per km			
	5.3.2	Primary Injection Test Set	<i>At cost</i>		
	5.3.3	Secondary Injection Test Set	<i>At cost</i>		
	5.3.4	40kV HV Test Set			
	5.3.5	Portable Cable Fault Locator	<i>At cost</i>		
	5.3.6	Cable Tracer/ID Unit			

			Cost (Rand)	VAT	Total cost (Rand) (incl. VAT)
6		TRAINING CENTRE			
	6.1	Specialised Training for Private Students			
		ANY OTHER WORK	<i>At cost</i>		
7		Administrative Fees			
		Photostat copies at Customer Services			
	7.1	1.Copies of Customer Billings accounts			
		2.Electricity Usage printout for Tax purposes	18.26	2.74	21.00
	7.2	Refund requested at Customer's fault or prerogative			
	7.3	Document search	113.91	17.09	131.00

ANNEXURES

Annexure A: New tariffs phase-in programme

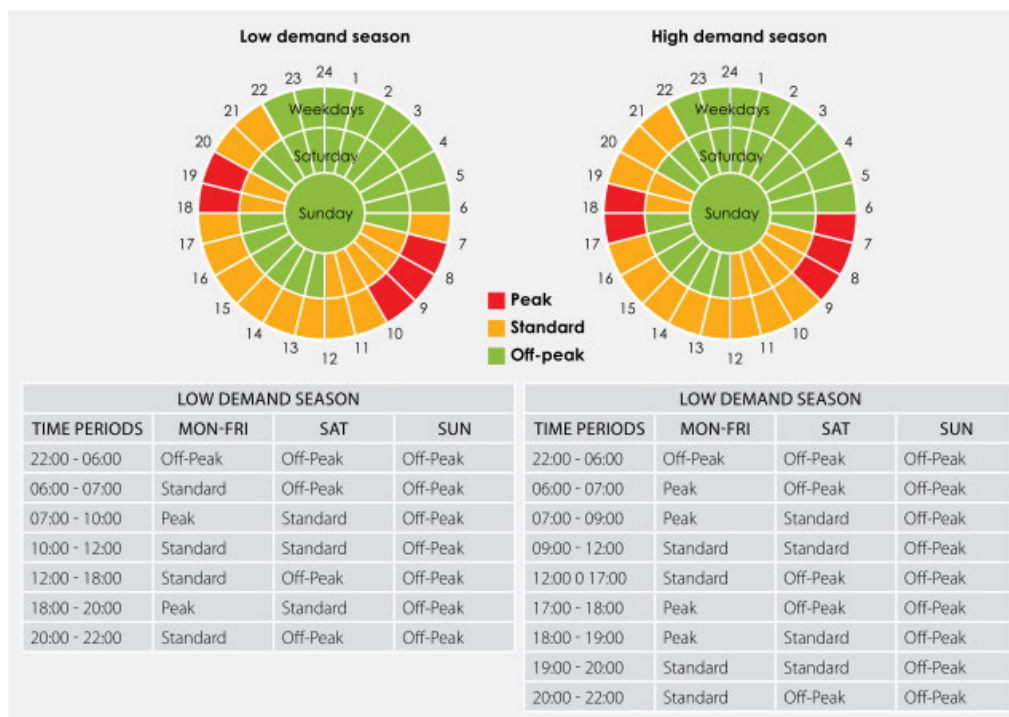
NMBM intends to migrate to the new tariff structures in a phased approach starting with the larger industrial customers and ending with the small residential customers. All customers affected by the new tariff phase-in programme will be notified by NMBM of the new tariff options as reflected in the table below.

Existing Tariff	Choice of Tariff
Domestic	
Non-ATTP Prepaid	Non-ATTP Prepaid ELV TOU Prepaid ELV TOU Credit
Non-ATTP Credit	Non-ATTP Prepaid ELV TOU Prepaid ELV TOU Credit
Domestic TOU	ELV TOU Prepaid ELV TOU Credit
Small Business	
Small Business Prepaid	ELV TOU Prepaid (230 to <400V ELV TOU Credit (230 to <400V
Small Business Credit	ELV TOU Prepaid (230 to <400V ELV TOU Credit (230 to <400V
Medium Business	
Medium Business Prepaid	ELV TOU Prepaid (230 to <400V ELV TOU Credit (230 to <400V
Multi Rate	LV TOU (400V to < 11 kV)
Single Rate	LV TOU (400V to < 11 kV)
Demand	LV TOU (400V to < 11 kV)
TOU	LV TOU (400V to < 11 kV)
Large Business	
Demand	MV TOU (11 kV to <33 kV)
TOU	MV TOU (11 kV to <33 kV) HV TOU (33kV to 132 kV) EHV TOU (equal and >132000 kV

It is envisaged that the tariff phase-in programme will be completed by mid-2023 subject to stakeholder engagement, budget for and availability of smart meters and internal processes.

However, if a customers is ready to move to a new tariff, customers are encouraged to contact NMBM in writing and apply for the respective tariff changes.

Annexure B: TOU Period definitions



There are two seasonal periods, Winter (June, July and August) and Summer (September to May) per annum with different charges applicable to each season.

Low Season, Summer (September to May)

Day Type	Period	Morning	Afternoon	Evening
Weekdays	Off-Peak	00:00 - 06:00		22:00 - 24:00
	Standard	06:00 - 07:00	10:00 - 18:00	20:00 - 22:00
	Peak	07:00 - 10:00		18:00 - 20:00
Saturdays	Off-Peak	00:00 - 07:00	12:00 - 18:00	20:00 - 24:00
	Standard	07:00 - 12:00		18:00 - 20:00
Sundays	Off-Peak	00:00	to	24:00

High Season, Winter (June, July and August)

Day Type	Period	Morning	Afternoon	Evening
Weekdays	Off-Peak	00:00 - 06:00		22:00 - 24:00
	Standard	09:00 -	- 17:00	19:00 - 22:00
	Peak	06:00 - 09:00		17:00 - 19:00
Saturdays	Off-Peak	00:00 - 07:00	12:00 - 18:00	20:00 - 24:00
	Standard	07:00 - 12:00		18:00 - 20:00
Sundays	Off-Peak	00:00	to	24:00

Public Holidays will be treated as a Saturday or a Sunday as specified annually by Eskom for their Megaflex tariff – refer to **Annexure C**. Any “unexpected” holiday will be treated as the day it falls on.

Annexure C: Treatment of public holidays²

The table below indicates the treatment of public holidays for the Nightsave (Urban Large & Small), WEPS, Megaflex, Megaflex Gen and Miniflex tariffs for the period 1 April 2021 to until 30 June 2022. The relevant seasonally differentiated energy charges, energy demand charges and network demand charges will be applicable on these days. Any unexpectedly announced public holiday not listed below 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 and 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.
- For Nightsave Urban Large and Small, all public holidays 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 which it falls.

Date	Day	Actual day of the week	TOU day treated as	
			Nightsave Urban Large Nightsave Urban Small	Megaflex, Miniflex, WEPS, Megaflex Gen
02 April 2021	Good Friday	Friday	Sunday	Sunday
05 April 2021	Family Day	Monday	Sunday	Sunday
27 April 2021	Freedom Day	Tuesday	Sunday	Saturday
1 May 2021	Workers Day	Saturday	Sunday	Saturday
16 June 2021	Youth Day	Wednesday	Sunday	Saturday
9 August 2021	National Women's Day	Monday	Sunday	Saturday
24 September 2021	Heritage Day	Friday	Sunday	Saturday
16 December 2021	Day of Reconciliation	Thursday	Sunday	Saturday
25 December 2021	Christmas Day	Saturday	Sunday	Sunday
26 December 2021	Day of Goodwill	Sunday	Sunday	Sunday
27 December 2021	Public Holiday	Monday	Sunday	Saturday
1 January 2022	New Year's Day	Saturday	Sunday	Sunday
21 March 2022	Human Rights Day	Monday	Sunday	Saturday
15 April 2022	Good Friday	Friday	Sunday	Sunday
18 April 2022	Family Day	Monday	Sunday	Sunday
27 April 2022	Freedom Day	Wednesday	Sunday	Saturday
1 May 2022	Worker's Day	Sunday	Sunday	Sunday
2 May 2022	Public Holiday	Monday	Sunday	Saturday
16 June 2022	Youth Day	Thursday	Sunday	Saturday

² Source: Eskom 2021-22 Tariff Book

Annexure D: Net Billing Rules

1. A customer interested in net-billing must complete a Net Billing Application Form and submit to NMBM. The Net Billing Application Form is available in the Document Library on the NMBM website³ under Forms. The document can be accessed by following this link:
https://nelsonmandelabay.gov.za/DataRepository/Documents/application-form-embedded-generation_xmiPj.pdf
2. On receipt of an application, a NMBM official will evaluate the customer's supply arrangement to ensure it meets the necessary specifications.
3. If the installation is approved, a 4-quadrant smart meter shall be installed and the net billing tariff loaded against the customer's account.
4. The net-billing customer should note that a SSEG Support Charge will be added to the customer's monthly invoice, whether energy is fed back into the NMBM network or not.
5. A customer's total monthly invoice shall not be credited beyond extinction (e.g. it cannot be negative).
6. Currently no credits will be carried forward to the following month.
7. A net-billing customer should note that NMBM provides no guarantees in respect of this service including network availability and security of supply. Furthermore, NMBM will not accept any claims from any party in respect of this services.

³ <https://nelsonmandelabay.gov.za/documentlibrary>

Annexure E: Rules for Wheeling

The wheeling tariff is the charge for using NMBM's transmission assets. Wheeling tariffs are linked to voltage levels.

1. A generator (or a customer with an embedded generator) wishing to wheel power over NMBM's network must apply to NMBM. The Wheeling Application Form is available in the Document Library on the NMBM website⁴ under Forms. The document can be accessed by following this link:
https://nelsonmandelabay.gov.za/DataRepository/Documents/application-form-embedded-generation_xmiPj.pdf
2. Once the application is received, a NMBM official will evaluate the supply arrangement (including the feed-in point) to ensure that it meets the necessary specifications.
3. If the application is approved, a 4-quadrant smart meter will be installed at the connection point
4. Once the generator's details have been loaded onto the NMBM's system and the generator has received written confirmation that its application has been successful, the generator may then enter into an agreement with qualifying NMBM customers for the supply of energy.
5. A wheeling customer wishing to wheel electricity from an approved generator must notify NMBM to load the wheeling tariff and to adjust the customer's monthly invoice to facilitate wheeling. The wheeling customer should note that it will be charged a monthly SSEG Support charge as well as a wheeling tariff in accordance with NMBM's approved tariffs.
6. The wheeling generator must notify NMBM of the proportional allocation between the wheeling customers of the energy injected at the feed-in point. The proportional allocation shall summate to a total of 100%. The wheeling generator must notify NMBM thirty (30) calendar days before the start of a billing month of a change in the proportional allocation of the wheeled energy quantities.
7. A wheeling customer is not allowed to receive more wheeled energy than its consumption in each TOU period over a billing month. Any such excess wheeled energy shall be discarded by NMBM for invoicing purposes.
8. Parties should note that NMBM provides no guarantees in respect of this service including network availability and security of supply. Furthermore, NMBM will not accept any claims from any party in respect of this services.
9. Capacity generated at low and extra low voltage, as per the NMBM definition, is at this stage excluded from the wheeling regime.
10. Wheeling is at this stage limited to a single supplier and single off-taker relation. NMBM is committed to expand the wheeling model based on experience gained and best practices to optimise the capacity supplier and off-taker ratio.

⁴ <https://nelsonmandelabay.gov.za/documentlibrary>