



The Msunduzi Municipality

2017/18

APPROVED REGISTER OF TARIFFS AND CHARGES

Electricity Tariffs - NERSA Regulatory Changes

INFRASTRUCTURE SERVICES
Electricity Management

		2016/17		2017/18	
		Excl. Vat		Excl. Vat	Inc.
Scale A: Domestic					
1.	A.I Single-Phase Supplies from 5A up to 80A –				
	Basic Charge per month	R 23.83		R 24.28	1.90%
	Net Ampere Charge per amp per phase p.m.	R 8.82		R 8.99	1.97%
	Energy Charge per kWh (cents)	87.22		88.86	1.88%
2.	Scale A.3 Three Phase Supplies from 5A up to 100A				
	Basic Charge per month	R 39.71		R 40.46	1.88%
	Net Ampere Charge per amp per phase p.m.	R 6.50		R 6.62	1.88%
	Energy Charge per kWh (cents)	87.22		88.86	1.88%
Scale SO: Domestic Indigent 20 Amp					
Qualifying Indigent consumers will receive the first 70kWh of electricity free.					
Conditional on being on Prepaid with 20 Amps Current limiting breaker					
3.	Energy Charge only (cents) No Basic Charge	104.63		106.60	1.88%
Scale S1: Domestic Life Line Tariff 20 Amp					
4.	Energy Charge only (cents) No Basic Charge	120.82		123.09	1.88%
Scale S2: Domestic Straight Line Tariff – 40 Amps 1 phase					
5.1	Energy Charge only (cents)	120.82		123.09	1.88%
	Basic Charge (Included in the Municipal Bill/or deducted by Vending System) per month	R 0.00		R 0.00	
Scale S3.1: Domestic Straight Line Tariff – 60 Amps 1 phase					
5.2	Energy Charge only (cents)	139.95		142.58	1.88%
	Basic Charge (Included in the Municipal Bill/or deducted by Vending System) per month	R 0.00		R 0.00	
Scale S3.2: High End Two Part Tariff – 60 to 100 Amps 1 phase					
ENERGY CHARGED FOR DOMESTIC DISCOUNTED BY 20%					
5.3	Energy Charge only (cents)	158.52		161.50	1.88%
	Low End – Basic Charge – 20 to 40 Amps supply (Included in the Municipal Bill/or deducted by Vending System) per month	R 98.99		R 100.85	1.88%
	Medium End – Basic Charge – 60 Amps supply (Included in the Municipal Bill/or deducted by Vending System) per month	R 123.74		R 126.07	1.89%
	High End – Basic Charge – 80 Amps supply (Included in the Municipal Bill/or deducted by Vending System) per month	R 154.67		R 157.58	1.88%
Scale S4: 3 Phase Two Part Tariff – 100 Amps 3 phase – For Domestic Only					
5.4	Energy Charge only (cents)	158.52		161.50	1.88%
	Low End – Basic Charge – 20 Amps supply (Included in the Municipal Bill/or deducted by Vending System) per month	R 148.49		R 151.28	1.88%
	Medium End – Basic Charge – 40 Amps supply (Included in the Municipal Bill/or deducted by Vending System) per month	R 296.97		R 302.55	1.88%
	High End – Basic Charge – 60 Amps supply (Included in the Municipal Bill/or deducted by Vending System) per month	R 464.02		R 472.74	1.88%

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Scale TD1: Time of Use Domestic Single Phase						
Supply Metered by a Smart Meter (Conditional on Municipality rolling out Smart Meters to Community)						
6.	Scale TD.1: Time of Use Domestic Single Phase					
	Basic Charge per month	R 47.98		R 48.88		1.88%
	Capacity charge per kVA per month	R 8.82		R 8.99		1.88%
	Energy charge c/kWh (Periods as per table below - public holidays treated as normal day)					
	High Demand: (June, July, August)					
	Peak	307.14		312.91		1.88%
	Standard	101.00		102.90		1.88%
	Off Peak	60.05		61.18		1.88%
	Low Demand: (Other Months)					
	Peak	107.87		190.90		1.88%
	Standard	77.80		79.26		1.88%
	Off Peak	53.53		54.54		1.89%
Scale TD2: Time of Use Domestic Three Phase						
Supply Metered by a Smart Meter (Conditional on Municipality rolling out Smart Meters to Community)						
7.	Scale TD.2: Time of Use Domestic Three Phase					
	Basic Charge per month	R 75.94		R 75.94		0%
	Capacity charge per kVA per month	R 6.50		R 6.50		0%
	Energy charge c/kWh (Periods as per table below - public holidays treated as normal day)					
	High Demand: (June, July, August)					
	Peak	307.14		312.91		1.88%
	Standard	101.00		102.90		1.88%
	Off Peak	60.05		61.18		1.88%
	Low Demand: (Other Months)					
	Peak	107.87		107.87		0%
	Standard	77.80		77.80		0%
	Off Peak	53.53		53.53		0%
Scale B: Small Power Users ≤ 65 kVA						
8.	Scale B.1 Small Power Single-Phase ≤80A					
	Basic Charge per month	R 61.12		R 62.27		1.88%
	Net Ampere Charge per amp per phase p.m.	R 18.55		R 18.90		1.88%
	Energy Charge per kWh (cents)	95.75		97.55		1.88%
9.	Scale B.3 Small Power Three-Phase ≤100A					
	Basic Charge per month	R 109.60		R 111.66		1.88%
	Net Ampere Charge per amp per phase p.m.	R 15.65		R 15.94		1.88%
	Energy Charge per kWh (cents)	95.75		97.55		1.88%
Scale C: Large Power users (Load greater than 65 kVA)						
10.	Scale C.1 Large Power at LV					
	Basic Charge per month	R 478.80		R 487.80		1.88%
	Demand charge per kVA per month	R 183.97		R 187.43		1.88%
	Energy charge per kWh (cents)	87.67		89.32		1.88%

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	2016/17 Excl. Vat	2017/18 Excl. Vat	Inc.
Scale T1: Time of Use Large Customers - MV			
11. Scale T1: Time of use large customers at MV			
Basic Charge per month	R 2393.98	R 2438.99	1.88%
Demand charge per kVA per month (Peak and Standard periods only)	R 77.75	R 79.21	1.88%
Access charge per kVA per month Based on highest of notified or previous 12 months highest demand	R 34.78	R 35.43	1.88%
Energy charge c/kWh (Periods as per table below - public holidays treated as per table)			
High Demand: (June, July, August)			
Peak	293.09	298.60	1.88%
Standard	105.70	107.69	1.88%
Off Peak	68.48	69.77	1.88%
Low Demand: (Other Months)			
Peak	111.94	114.04	1.88%
Standard	84.61	86.20	1.88%
Off Peak	62.54	63.72	1.89%
Reactive energy charge A charge for all reactive energy which exceed 30% of the real energy (kWh) per half hour period in the peak and standard periods only (c/kvarh)			
	7.50	7.64	1.88%
Scale T2: Time Of Use Large customers at 400 V			
12. Scale T2: Time Of Use Large customer at LV			
Basic Charge per month	R 445.85	R 454.23	1.88%
Demand charge per kVA per month (Peak and Standard periods only)	R 85.53	R 87.14	1.88%
Access charge per kVA per month Based on highest of notified or previous 12 months highest demand	R 38.26	R 38.98	1.88%
Energy charge c/kWh (Periods as shown in table below - public holidays treated as normal day)			
High Demand: (June, July, August)			
Peak	307.75	313.54	1.88%
Standard	110.99	113.08	1.88%
Off Peak	71.90	73.25	1.88%
Low Demand: (Other Months)			
Peak	117.55	119.76	1.88%
Standard	88.84	90.51	1.88%
Off Peak	65.66	66.89	1.88%
Reactive energy charge A charge for all reactive energy which exceed 30% of the real energy (kWh) per half hour period in the peak and standard periods only (c/kvarh)			
	7.29	7.43	1.88%

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Inc.

Time periods

Day	Peak	Standard	Off-Peak
Week Day			00:00-06:00
		06:00-07:00	
	07:00-10:00	10:00-18:00	
	18:00-20:00	20:00-22:00	22:00-24:00
Saturday			00:00-07:00
		07:00-12:00	12:00-18:00
		18:00-20:00	20:00-24:00
Sunday			00:00-24:00

Public holidays

The table below indicates the treatment of public holidays in terms of the following tariffs, namely Nightsave (Urban Large & Small), WEPS, Megaflex and Miniflex tariffs for the period 1 July 2017 to until 30 June 2018. The appropriate 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.

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
27 April 2017	Freedom Day	Thursday	Sunday	Saturday
1 May 2017	Workers Day	Monday	Sunday	Saturday
16 June 2017	Youth Day	Friday	Sunday	Saturday
9 August 2017	National Women's Day	Wednesday	Sunday	Saturday
24 September 2017	Heritage Day	Sunday	Sunday	Sunday
25 September 2017	Public Holiday	Monday	Sunday	Saturday
16 December 2017	Day of Reconciliation	Saturday	Sunday	Saturday
25 December 2017	Christmas Day	Monday	Sunday	Sunday
26 December 2017	Day of Goodwill	Tuesday	Sunday	Sunday
1 January 2018	New Year's Day	Monday	Sunday	Sunday
21 March 2018	Human Rights Day	Wednesday	Sunday	Saturday
30 March 2018	Good Friday	Friday	Sunday	Sunday
2 April 2018	Family Day	Monday	Sunday	Sunday
27 April 2018	Freedom Day	Friday	Sunday	Saturday
1 May 2018	Worker's Day	Tuesday	Sunday	Saturday
16 June 2018	Youth Day	Saturday	Sunday	Saturday

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13. Public Lighting Services					
CHARGES FOR PUBLIC LIGHTING SERVICES TO NON-MUNICIPAL CUSTOMERS					
CHARGES FOR PUBLIC LIGHTING SERVICES TO MUNICIPAL APPLICATIONS					
L1	Lights: Whole Night (incl Maintenance)				
	Fixed-R /light/month	R 34.83		R 35.49	1.88%
	Energy charge per 100 Watt per month if not measured	R 27.48		R 28.00	1.88%
	Energy charge if measured cents per kWh	75.23		76.64	1.88%
L2	Lights: 24 hour (incl Maintenance)				
	Fixed-R /light/month	R 34.83		R 35.49	1.88%
	Energy charge per 100 Watt per month if not measured	R 98.82		R 100.67	1.88%
	Energy charge if measured cents per kWh	81.32		82.85	1.88%
L3	Lights: Whole Night High Mast (incl. Maintenance)				
	Fixed-R /light/month	R 696.71		R 709.80	1.88%
	Energy charge per 100 Watt per month if not measured	R 80.67		R 82.18	1.88%
	Energy charge if measured cents per kWh	75.23		76.64	1.88%
L4	Lights: 24 Hrs Traffic (Excl. Maintenance)				
	Maintenance charged at actual cost	Actual Cost		Actual Cost	
	Energy charge per 100 Watt per month if not measured	R 98.82		R 100.67	1.88%
	Energy charge if measured cents per kWh	81.32		82.85	1.88%
14. Interest Rate					
	Interest Rate per annum	11.25%		11.50%	2.22%

