



# The Msunduzi Municipality

## **2017/18**

# **APPROVED REGISTER OF TARIFFS AND CHARGES**

Electricity Tariffs - NERSA Regulatory Changes

**INFRASTRUCTURE SERVICES**  
Electricity Management

|  |  | <b>2016/17</b>   |  | <b>2017/18</b>   |             |
|--|--|------------------|--|------------------|-------------|
|  |  | <b>Excl. Vat</b> |  | <b>Excl. Vat</b> | <b>Inc.</b> |
| <b>Scale A: Domestic</b>   |  |                  |  |                  |             |
| 1.   | A.I Single-Phase Supplies from 5A up to 80A –<br>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<br>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%       |
| <b>Scale SO: Domestic Indigent 20 Amp</b>  |  |                  |  |                  |             |
| <b>Qualifying Indigent consumers will receive the first 70kWh of electricity free.<br/>Conditional on being on Prepaid with 20 Amps Current limiting breaker</b> |  |                  |  |                  |             |
| 3.   | Energy Charge only (cents) No Basic Charge   | 104.63           |  | 106.60           | 1.88%       |
| <b>Scale S1: Domestic Life Line Tariff 20 Amp</b>  |  |                  |  |                  |             |
| 4.   | Energy Charge only (cents) No Basic Charge   | 120.82           |  | 123.09           | 1.88%       |
| <b>Scale S2: Domestic Straight Line Tariff – 40 Amps 1 phase</b>   |  |                  |  |                  |             |
| 5.1  | Energy Charge only (cents)   | 120.82           |  | 123.09           | 1.88%       |
|  | <b>Basic Charge</b> (Included in the Municipal Bill/or deducted by Vending System) per month                           | R 0.00           |  | R 0.00           |             |
| <b>Scale S3.1: Domestic Straight Line Tariff – 60 Amps 1 phase</b>   |  |                  |  |                  |             |
| 5.2  | Energy Charge only (cents)   | 139.95           |  | 142.58           | 1.88%       |
|  | <b>Basic Charge</b> (Included in the Municipal Bill/or deducted by Vending System) per month                           | R 0.00           |  | R 0.00           |             |
| <b>Scale S3.2: High End Two Part Tariff – 60 to 100 Amps 1 phase<br/>ENERGY CHARGED FOR DOMESTIC DISCOUNTED BY 20%</b>   |  |                  |  |                  |             |
| 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%       |
| <b>Scale S4: 3 Phase Two Part Tariff – 100 Amps 3 phase – For Domestic Only</b>  |  |                  |  |                  |             |
| 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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|---|--|------------------|--|------------------|--|-------------|
|   |  | <b>Excl. Vat</b> |  | <b>Excl. Vat</b> |  |             |
| <b>Scale TD1: Time of Use Domestic Single Phase</b>   |  |                  |  |                  |  |             |
| 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%       |
| <b>Scale TD2: Time of Use Domestic Three Phase</b>  |  |                  |  |                  |  |             |
| 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%          |
| <b>Scale B: Small Power Users ≤ 65 kVA</b>  |  |                  |  |                  |  |             |
| 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%       |
| <b>Scale C: Large Power users (Load greater than 65 kVA)</b>  |  |                  |  |                  |  |             |
| 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%       |

**INFRASTRUCTURE SERVICES**  
Electricity Management

|   | 2016/17<br>Excl. Vat | 2017/18<br>Excl. Vat | Inc.  |
|---|----------------------|----------------------|-------|
| <b>Scale T1: Time of Use Large Customers - MV</b>   |                      |                      |       |
| 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<br>(Peak and Standard periods only)   | R 77.75              | R 79.21              | 1.88% |
| Access charge per kVA per month<br>Based on highest of notified or previous 12 months<br>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<br>the real energy (kWh) per half hour period in the peak<br>and standard periods only (c/kvarh) | 7.50                 | 7.64                 | 1.88% |
| <b>Scale T2: Time Of Use Large customers at 400 V</b>   |                      |                      |       |
| 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<br>(Peak and Standard periods only)   | R 85.53              | R 87.14              | 1.88% |
| Access charge per kVA per month<br>Based on highest of notified or previous 12 months<br>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<br>the real energy (kWh) per half hour period in the peak<br>and standard periods only (c/kvarh) | 7.29                 | 7.43                 | 1.88% |

**INFRASTRUCTURE SERVICES**  
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2016/17  
Excl. Vat

2017/18  
Excl. Vat

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<br>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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|---|--|------------------|--|------------------|-------------|
|   |  | <b>Excl. Vat</b> |  | <b>Excl. Vat</b> | <b>Inc.</b> |
| 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%       |

