

Mogale City Electricity tariff structure review and re-design

It has been realised that the current Mogale City electricity tariffs has not been:

- *recovering adequate revenue to cover electricity cost and*
- *make provision for adequate capital projects.*

There is also a requirement from the national treasury as communicated through the MFMA circular no. 123 that:

- *electricity tariffs must be cost reflective*

Augmenting the electricity revenue and also complying with the circular:

- *electricity tariffs have been reviewed and*
- *a new electricity tariffs schedule is proposed.*

The proposed electricity tariffs schedule must be submitted to the:

- *Public for Comments,*
- *NERSA for approval and*
- *Mogale City Council to approve and implement”*

Financial Year 2021/2022						
Customer Categories	Energy Consumed		Average No. of Customers		Revenue (Total)	
Domestic	259 304 545.04	44%	27 507	87.89%	512 664 033.81	41%
Commercial	31 008 760.38	5%	1 566	5.00%	95 131 842.76	8%
Industrial	284 579 968.69	48%	1 950	6.23%	591 039 118.52	47%
Municipal	14 245 262.00	2%	272	0.87%	46 855 344.81	4%
Total	589 138 536.11	100%	31 296	100.00%	1 245 690 339.90	100%

Mogale City Proposed Electricity Tariffs

No. of Customers	Total Energy Used (kWh)	Typical kVA Capacity	Typical kVA Demand	Typical Power Factor	Potential Revenue
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Domestic Indigent Tariff	252.00	2 186 190.00	13.80	11.73	0.95	4 743 824.37
Domestic Standard	25 547.00	197 016 162.61	13.80	11.73	0.95	555 133 639.46
Domestic Large	-	-	50.00	42.50	0.95	-
Commercial Small	1 705.00	31 334 699.38	100.00	85.00	0.95	93 132 941.34
Commercial Medium	59.00	13 798 360.00	500.00	425.00	0.90	32 295 958.00
Commercial Large	42.00	29 569 210.07	1 200.00	1 020.00	0.92	72 319 613.48
Industrial Small			150.00	127.50	0.92	-
Industrial Medium	199.00	177 183 152.33	2 000.00	1 700.00	0.90	424 331 084.07
Industrial Large	190.00	43 181 639.39	2 500.00	2 125.00	0.90	147 441 025.00
Commercial Medium - FlexiTime	1.00	261 920.00	500.00	425.00	0.90	501 055.92
Commercial Large - FlexiTime	-	-	1 200.00	1 020.00	0.90	-
Industrial Medium - FlexiTime	-	-	2 000.00	1 700.00	0.90	-
Industrial Large - FlexiTime	12.00	51 990 041.00	2 500.00	2 125.00	0.90	93 225 678.32
Total Potential Revenue						1 636 593 542.95

Mogale City Proposed Electricity Tariffs

Tariff Descriptions

Domestic Indigent Tariff	Domestic or Residential Customer receiving single-phase low voltage electricity supply with up to 63A Circuit Breaker and registered as indigent in Mogale City Indigent Register
Domestic Standard	Domestic or Residential Customer receiving single-phase low voltage electricity supply with up to 63A Circuit Breaker and not registered as indigent in Mogale City Indigent Register. Customer who select Prepayment billing option will not be charged a Service Charge.
Domestic Large	Domestic or Residential Customer receiving Single or multiphase low voltage electricity supply with up to 80A Circuit Breaker and not registered as indigent in Mogale City Indigent Register. Domestic premise with more than 80A Circuit Breaker will be treated as Commercial Customer. Customer who select Prepayment billing option will not be charged a Service Charge.
Commercial Small	Commercial premise receiving single-phase low voltage electricity supply with Circuit Breaker rated up to 63A. (E.g small convenient shops, barbershop, small libraries etc). Customer who select Prepayment billing option will not be charged a Service Charge.
Commercial Medium	Commercial premise receiving Three-Phase low voltage electricity supply with Circuit Breaker rated up to 150A. (Commercial premises include Resellers, Retail and entertainment facilities, institutions providing public services like education and training, health services, Accommodation, libraries, recreational facilities, non-government or government offices and the likes). Customer premises that have manufacturing, processing, assembling or facilities of complex engineering nature must be classified as Industrial customers.
Commercial Large	Commercial premise receiving Three-Phase electricity supply with a capacity of more than 100kVA. (Commercial premises include Resellers, Retail and entertainment facilities, institutions providing public services like education and training, health services, Accommodation, libraries, recreational facilities, non-government or government offices and the likes). Customer premises that have manufacturing, processing, assembling or facilities of complex engineering nature must be classified as Industrial customers.
Industrial Small	Industrial premise receiving Three-Phase and low voltage electricity supply with a capacity of less than 100kVA and the customer does not qualify as neither domestic nor Commercial category and has services involving services like manufacturing, processing (including food or agro-processing), assembling or facilities of complex engineering nature must be classified as Industrial customers.
Industrial Medium	Industrial premise receiving Three-Phase electricity supply with a capacity between 100kVA - 500kVA and the customer does not qualify as neither domestic nor Commercial category and has services involving services like manufacturing, processing (including food or agro-processing), assembling or facilities of complex engineering nature.
Industrial Large	Industrial premise receiving Three-Phase electricity supply with a capacity of over 500kVA and the customer does not qualify as neither domestic nor Commercial category and has services involving services like manufacturing, processing (including food or agro-processing), assembling or facilities of complex engineering operations.
Commercial Medium - FlexiTime	Commercial premise receiving Three-Phase low voltage electricity supply with Circuit Breaker rated up to 150A. (Commercial premises include Resellers, institutions providing public services like education and training, health services, Accommodation, libraries, recreational facilities, non-government or government offices and the likes). Customer premises that have manufacturing, processing, assembling or facilities of complex engineering nature. Most suitable for end users that are able to control and shift around the period of intensive electricity usage.
Commercial Large - FlexiTime	Commercial premise receiving Three-Phase electricity supply with a capacity of more than 100kVA. (Commercial premises include Resellers, institutions providing public services like education and training, health services, Accommodation, libraries, recreational facilities, non-government or government offices and the likes). Customer premises that have manufacturing, processing, assembling or facilities of complex engineering nature must be classified as Industrial customers. Most suitable for end users that are able to control and shift around the period of intensive electricity usage.
Industrial Medium - FlexiTime	Industrial premise receiving Three-Phase electricity supply with a capacity between 100kVA - 500kVA and the customer does not qualify as neither domestic nor Commercial category and has services involving services like manufacturing, processing (including food or agro-processing), assembling or facilities of complex engineering nature must be classified as Industrial customers. Most suitable for end users that are able to control and shift around the period of intensive electricity usage.
Industrial Large - FlexiTime	Industrial premise receiving Three-Phase electricity supply with a capacity over 500kVA and the customer does not qualify as neither domestic nor Commercial category and has services involving services like manufacturing, processing (including food or agro-processing), assembling or facilities of complex engineering operations must be classified as Industrial customers. Most suitable for end users that are able to control and shift around the period of intensive electricity usage.

Mogale City Current Electricity Tariffs	Tariffs Replaced	No. of Customers	Total Energy Used (kWh)
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Domestic Life line	Domestic Indigent Tariff	252.00	2 186 190.00
Domestic Prepaid Single Phase	Domestic Standard	9 559.00	42 544 063.20
Domestic 2-Part 60A 1Phase		15 988.00	154 472 099.41
2-Part 60A 1Phase: ToU			
Domestic 2-Part 60A 3Phase	Domestic Large		-
Domestic Prepaid Three Phase			-
2-Part 60A 3Phase: ToU			
Domestic - Bulk Consumers LV/Resellers	Commercial Medium	59.00	13 798 360.00
Domestic - Bulk Consumers HV/Resellers	Commercial Large	42.00	29 569 210.07
Commercial and Industrial - Small Consumers (2-part and 1phase60A)	Commercial Small	1 705.00	31 334 699.38
Commercial and Industrial - Small Consumers (2-part and 3phase60A)		-	-
Commercial Prepaid single phase		-	-
Commercial Prepaid three phase		-	-
Small consumers 2-part 60A 1Phase ToU			
Small consumers 2-part 60A 3Phase ToU			
Commercial & Industrial - Bulk Consumers/Resellers (Large Consumers)	Industrial Large	190.00	43 181 639.39
Commercial & Industrial - Bulk Consumers/Resellers (Medium-sized)	Industrial Medium	199.00	177 183 152.33
Domestic - Bulk Consumers HV/Resellers-ToU	Commercial Large - FlexiTime		
Domestic - Bulk Consumers LV/Resellers-ToU	Commercial Medium - FlexiTime	1.00	261 920.00
Commercial & Industrial - Bulk Consumers/Resellers (Large Consumers)-ToU	Industrial Large - FlexiTime	12.00	51 990 041.00
Commercial & Industrial - Bulk Consumers/Resellers (Medium-sized)-ToU	Industrial Medium - FlexiTime		

Mogale City Current Electricity Tariffs (Incl VAT)

		Service Charge (R/mon/PoS)	Capacity Charge (R/kVA)	Demand Charge (R/kVA)	Reactive Energy (c/kvarh)	Average Energy Charge (c/kWh)	Blocked tariffs				High Demand Season			Low Demand Season		
							Energy Block 1 (c/kWh)	Energy Block 2 (c/kWh)	Energy Block 3 (c/kWh)	Energy Block 4 (c/kWh)	Energy Charge - Off-Peak (c/kWh)	Energy Charge - Standard (c/kWh)	Energy Charge - Peak (c/kWh)	Energy Charge - Off-Peak (c/kWh)	Energy Charge - Standard (c/kWh)	Energy Charge - Peak (c/kWh)
Current Tariffs																
1	Domestic Life line	-	-	-	-	215.43	163.26	180.75	217.74	256.82	-	-	-	-	-	-
2	Domestic Prepaid Single Phase	-	-	-	-	246.01	229.26	246.93	256.87	-	-	-	-	-	-	-
3	Domestic Prepaid Three Phase	-	-	-	-	250.65	228.92	253.84	264.08	-	-	-	-	-	-	-
4	Domestic 2-Part 60A 1Phase	457.20	-	-	-	174.13	-	-	-	-	-	-	-	-	-	-
5	Domestic 2-Part 60A 3Phase	1 371.60	-	-	-	174.13	-	-	-	-	-	-	-	-	-	-
6	Domestic - Bulk Consumers LV/Resellers	847.58	-	-	31.68	134.94	-	-	-	-	-	-	-	-	-	-
7	Domestic - Bulk Consumers HV/Resellers	7 783.49	-	111.83	31.68	111.83	-	-	-	-	-	-	-	-	-	-
8	Commercial and Industrial - Small Consumers (2-part and 1phase60A)	526.20	-	-	-	198.83	-	-	-	-	-	-	-	-	-	-
9	Commercial and Industrial - Small Consumers (2-part and 3phase60A)	1 578.60	-	-	-	198.83	-	-	-	-	-	-	-	-	-	-
10	Commercial Prepaid single phase	-	-	-	-	241.10	-	-	-	-	-	-	-	-	-	-
11	Commercial Prepaid three phase	-	-	-	-	301.06	-	-	-	-	-	-	-	-	-	-
12	Commercial & Industrial - Bulk Consumers/Resellers (Large Consumers)	9 344.56	-	157.02	31.68	142.74	-	-	-	-	-	-	-	-	-	-
13	Commercial & Industrial - Bulk Consumers/Resellers (Medium-sized)	847.58	-	161.01	31.68	145.20	-	-	-	-	-	-	-	-	-	-
14	2-Part 60A 1Phase: ToU	456.60	-	-	-	246.29	-	-	-	137.96	206.86	444.98	137.96	206.86	444.98	
15	2-Part 60A 3Phase: ToU	1 369.80	-	-	-	246.29	-	-	-	137.96	206.86	444.98	137.96	206.86	444.98	
16	Small consumers 2-part 60A 1Phase ToU	562.80	-	-	-	259.91	-	-	-	144.44	219.95	467.89	144.44	219.95	467.89	
17	Small consumers 2-part 60A 3Phase ToU	1 688.40	-	-	-	259.91	-	-	-	144.44	219.95	467.89	144.44	219.95	467.89	
18	Domestic - Bulk Consumers HV/Resellers-ToU	9 344.56	-	134.25	31.68	259.91	-	-	-	144.44	219.95	467.89	144.44	219.95	467.89	
19	Domestic - Bulk Consumers LV/Resellers-ToU	847.59	-	151.08	31.68	150.64	-	-	-	86.44	173.87	622.49	74.46	106.52	173.87	
20	Commercial & Industrial - Bulk Consumers/Resellers (Large Consumers)-ToU	9 223.79	-	160.00	31.68	186.49	-	-	-	108.01	202.22	777.74	93.06	133.07	217.24	
21	Commercial & Industrial - Bulk Consumers/Resellers (Medium-sized)-ToU	820.96	-	152.57	31.68	191.23	-	-	-	110.75	207.36	797.53	95.43	136.47	222.75	

Mogale City Proposed Electricity Tariffs

	Service Charge (R/mon/PoS)	Capacity Charge (R/kVA)	Demand Charge (R/kVA)	Reactive Energy (c/kvarh)	Average Energy Charge (c/kWh)	Percentage Change (%)	Blocked tariffs				High Demand Season			Low Demand Season		
							Energy Block 1 (c/kWh)	Energy Block 2 (c/kWh)	Energy Block 3 (c/kWh)	Energy Block 4 (c/kWh)	Energy Charge - Off-Peak (c/kWh)	Energy Charge - Standard (c/kWh)	Energy Charge - Peak (c/kWh)	Energy Charge - Off-Peak (c/kWh)	Energy Charge - Standard (c/kWh)	Energy Charge - Peak (c/kWh)
Domestic Indigent Tariff	-	-	-		216.99	0.73%	-	164.35	205.43	297.88	-	-	-	-	-	-
Domestic Standard	1 169.00	-	-		266.61	6.37%	169.57	220.43	260.11	312.14	-	-	-	-	-	-
Domestic Large	1 169.00	22.00	-		286.00	16.12%	260.00	312.00	-	-	-	-	-	-	-	-
Commercial Small	1 856.00	-	-		287.12	-4.63%	182.61	237.39	280.12	336.15	-	-	-	-	-	-
Commercial Medium	4 499.00	27.00	35.00		220.00	63.04%	-	-	-	-	-	-	-	-	-	-
Commercial Large	5 665.00	32.00	45.00	31.68	230.00	105.67%	-	-	-	-	-	-	-	-	-	-
Industrial Small	1 856.00	-	-		286.00	96.97%	145.00	170.00	-	-	-	-	-	-	-	-
Industrial Medium	9 533.00	32.00	45.00	31.68	220.00	51.52%	-	-	-	-	-	-	-	-	-	-
Industrial Large	11 709.00	35.00	48.00	31.68	240.00	68.14%	-	-	-	-	-	-	-	-	-	-
Commercial Medium - FlexiTime	5 398.00	27.00	45.00	31.68	174.54	15.87%	-	-	-	-	104.77	196.46	642.08	95.00	138.08	192.08
Commercial Large - FlexiTime	6 800.00	32.00	50.00	31.68	173.89	-33.10%	-	-	-	-	104.77	196.46	642.08	92.00	138.08	192.08
Industrial Medium - FlexiTime	11 500.00	32.00	55.00	31.68	173.89	-9.07%	-	-	-	-	104.77	196.46	642.08	92.00	138.08	192.08
Industrial Large - FlexiTime	14 000.00	35.00	58.00	31.68	173.45	-6.99%	-	-	-	-	104.77	196.46	642.08	90.00	138.08	192.08