

# Appendix A: ESKOM Megaflex Tariff Calc

Charge Band	Period of the Week	Avg in Month	STANDARD is baseline	HIGH SEASON DEMAND (Jun - Aug) 3 Months					LOW SEASON DEMAND (Sep-May) 9 Months					Average Energy Charge for the Year	Avg % off Baseline	TOTAL HRS WK	TOTAL HRS PA	
				Active Energy Charge [c/kWh]	% of Baseline	Hrs in Day	Hrs in Week	Hrs in Month	Active Energy Charge [c/kWh]	% of Baseline	Hrs in Day	Hrs in Week	Hrs in Month				52	% Hrs
Active Energy Charge [c/kWh] >500V & <66kV	Week-Days	21.67	OFF-PEAK	R 60.09	-45.69%	8.00	40.00	173.36	R 52.03	-36.54%	8.00	40.00	173.36	R 58.08	-43.88%	81.00	4,212	48.21%
Active Energy Charge [c/kWh] >500V & <66kV	Week-Days	21.67	PEAK	R 365.20	230.05%	5.00	25.00	108.35	R 119.13	45.30%	5.00	25.00	108.35	R 303.68	193.46%	25.00	1,300	14.88%
Active Energy Charge [c/kWh] >500V & <66kV	Week-Days	21.67	STANDARD	R 110.65	100.00%	11.00	55.00	238.37	R 81.99	100.00%	11.00	55.00	238.37	R 103.49	Baseline	62.00	3,224	36.90%
Active Energy Charge [c/kWh] >500V & <66kV	Saturdays	4	STANDARD	R 110.65	100.00%	7.00	7.00	28.00	R 81.99	100.00%	11.00	11.00	44.00					
Active Energy Charge [c/kWh] >500V & <66kV	Saturdays	4	OFF-PEAK	R 60.09	-45.69%	17.00	17.00	68.00	R 52.03	-36.54%	8.00	8.00	32.00					
Active Energy Charge [c/kWh] >500V & <66kV	Sundays	4	OFF-PEAK	R 60.09	-45.69%	24.00	24.00	96.00	R 52.03	-36.54%	8.00	8.00	32.00					
													R 155.08	TOTALS	168	8,736	8736	

MONTHLY ADMIN CHARGES		Per Year	
>500V & <66kV	Network Capacity Charge (R/kVA/m)	R 18.90	R 226.80
>500V & <66kV	Network Demand Charge (R/kVA/m)	R 18.90	R 226.80
	Administration Charge (R/POD/d)	R 105.13	R 38,372.45
	Reactive Energy Charge (C/kVArh)	R 16.56	R 49.68
TOTAL Annual Fixed Charges			R 38,875.73

## MEGAFLEX - Local Authority charges

Urban tariffs

### Megaflex - Local Authority

Transmission zone	Voltage	Active energy charge [c/kWh]						Transmission network charges [R/kVA/m]							
		High demand season (Jun - Aug)			Low demand season (Sep - May)										
		Peak	Standard	Off Peak	Peak	Standard	Off Peak								
≤ 300km	< 500V	371.05	426.71	112.91	129.85	81.61	70.85	121.48	139.70	83.84	96.42	53.44	61.46	R 10.34	R 14.89
	≥ 500V & < 66kV	365.20	419.98	110.65	127.25	60.09	69.10	119.13	137.00	81.99	94.28	52.03	59.83	R 9.43	R 10.84
	≥ 66kV & ≤ 132kV	335.68	406.73	107.14	123.21	58.19	66.92	115.38	132.09	79.42	91.33	50.37	57.93	R 9.18	R 10.56
> 300km and ≤ 600km	< 500V	374.08	430.19	113.32	130.32	61.53	70.75	122.03	140.33	84.01	96.61	53.29	61.28	R 10.38	R 11.94
	≥ 500V & < 66kV	368.85	424.18	111.74	128.50	60.68	69.78	120.34	138.39	82.82	95.04	52.53	60.41	R 9.54	R 10.97
	≥ 66kV & ≤ 132kV	357.14	410.71	108.18	124.41	58.74	67.55	116.50	133.98	80.18	92.21	50.85	58.48	R 9.25	R 10.64
> 600km and ≤ 900km	< 500V	377.81	434.48	114.46	131.63	62.14	71.46	123.23	141.71	84.84	97.57	53.82	61.89	R 10.52	R 12.10
	≥ 500V & < 66kV	372.57	428.46	112.65	129.78	61.29	70.48	121.56	139.79	83.61	96.15	53.07	61.03	R 9.60	R 11.04
	≥ 66kV & ≤ 132kV	360.78	414.90	109.27	125.66	59.33	68.23	117.65	135.30	80.98	93.13	51.35	59.05	R 9.32	R 10.72
> 900km	< 500V	340.02	391.02	103.02	118.47	55.83	64.32	110.93	127.57	76.34	87.79	48.43	55.60	R 11.89	R 13.67
	≥ 500V & < 66kV	381.60	438.84	115.61	132.95	62.78	72.20	124.49	143.16	85.67	98.52	54.36	62.51	R 10.57	R 12.16
	≥ 66kV & ≤ 132kV	376.29	432.73	113.90	131.08	61.91	71.20	122.73	141.14	84.47	97.14	53.57	61.61	R 9.71	R 11.17
	> 132kV*	343.37	394.86	104.07	119.68	56.55	65.03	112.06	128.87	77.14	88.71	48.84	56.30	R 11.97	R 13.77

Voltage	Distribution network charges		Urban low voltage subsidy charge [R/kVA/m]	
	Network capacity charge [R/kVA/m]	Network demand charge [R/kVA/m]	Urban low voltage subsidy charge [R/kVA/m]	Urban low voltage subsidy charge [R/kVA/m]
< 500V	R 20.62	R 23.71	R 38.02	R 44.63
≥ 500V & < 66kV	R 18.90	R 21.74	R 35.83	R 41.20
≥ 66kV & ≤ 132kV	R 6.76	R 7.77	R 12.50	R 14.38
> 132kV*	R 0.00	R 0.00	R 0.00	R 0.00

Voltage	Ancillary service charge [c/kWh]
< 500V	0.48 0.55
≥ 500V & < 66kV	0.47 0.54
≥ 66kV & ≤ 132kV	0.43 0.49
> 132kV*	0.41 0.47

Customer categories	Service charge [R/account/day]		Administration charge [R/POD/day]	
	Service charge [R/account/day]	Administration charge [R/POD/day]	Service charge [R/account/day]	Administration charge [R/POD/day]
< 1 MVA	R 235.44	R 270.78	R 196.13	R 222.05
Key customers	R 4 613.89	R 5 305.74	R 1 473.34	R 1 688.44

Reactive energy charge [c/kVArh]	
High season	Low season
16.56	19.04
0.00	0.00

Electrification and rural network subsidy charge [c/kWh]	
9.17	10.55

### WEPS, Megaflex, Miniflex, Megaflex Gen, Ruraflex Gen and Ruraflex

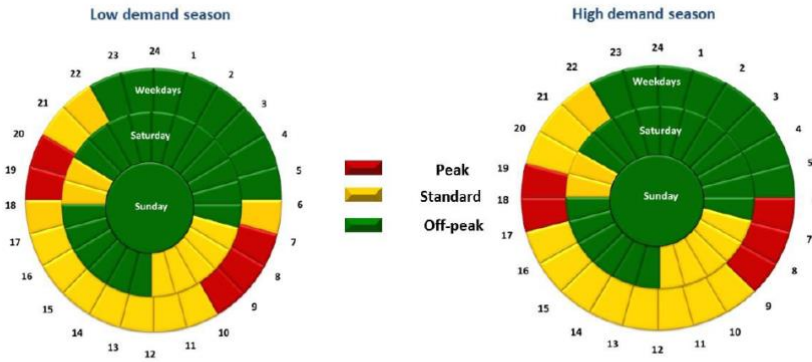


Figure 2: WEPS, Megaflex, Megaflex Gen, Miniflex and Ruraflex Gen: low and high demand seasons TOU periods