

Application of the RSA and MTA Adjustments

Derivation of September 1,2002 Final Rates

MTA Factor July 1,2002	1.02501	(Municipal Tax Adjustment Factor)
RSA Factor July 1,2002	\$0.00163	(Rate Stabilization Adjustment)
Prompt Payment Discount	1.50%	

RATE 1.1

BASE RATE (NO RSA & NO MTAF)

Basic Customer Charge	\$16.42 (BCC)
All kW.h	\$0.06616 (Base)

FINAL RATES (Incl. RSA & MTAF)

Basic Customer Charge	\$16.81	$((\text{BCC} - \$1.00) \times \text{MTAF}) + \1.00
All kW.h	\$0.06951	$((\text{Base} - 1.5\%) + \text{RSA}) \times \text{MTAF} \times (1/(1-1.5\%))$

RATE 2.1

BASE RATE (NO RSA & NO MTAF)

Basic Customer Charge	\$18.69
All kW.h	\$0.08710
Three Phase Minimum	\$37.38

FINAL RATES (Incl. RSA & MTAF)

Basic Customer Charge	\$19.13	$((\text{BCC} - \$1.00) \times \text{MTAF}) + \1.00
All kW.h	\$0.09097	$((\text{Base} - 1.5\%) + \text{RSA}) \times \text{MTAF} \times (1/(1-1.5\%))$
Three Phase Minimum	\$38.26	$(2 \times \text{Final BCC})$

RATE 2.2

BASE RATE (NO RSA & NO MTAF)

Basic Customer Charge \$20.35 per month

	WINTER	SUMMER
\$/kW Demand Charge	\$7.75	\$7.02

Energy Charge

First Block \$0.06928 per kWh

Excess \$0.04225 per kWh

Maximum Monthly Charge \$0.143 per kWh

Minimum Bill \$2.41 per kW

Three Phase Minimum \$37.38 per month

FINAL RATES (Incl. RSA & MTAF)

Basic Customer Charge \$20.86 $((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$

	WINTER	SUMMER
\$/kW Demand Charge	\$7.95	\$7.20 $((\text{Summer Base}-1.5\%) \times MTAF) \times (1/(1-1.5\%))$ Winter=Summer+\$0.75

Energy Charge

First Block \$0.07271 $((\text{Base} - 1.5\%) + RSA) \times MTAF \times (1/(1-1.5\%))$

Excess \$0.04500 $((\text{Base} - 1.5\%) + RSA) \times MTAF \times (1/(1-1.5\%))$

Maximum Monthly Charge \$0.147 $((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$

Minimum Bill \$2.47 $((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$

Three Phase Minimum \$38.26 (2 x Rate 2.1 Final BCC)

RATE 2.3

BASE RATE (NO RSA & NO MTAF)

Basic Customer Charge	\$91.61	per month
Demand Charge	WINTER	SUMMER
\$/kVA Demand Charge	\$6.72	\$5.99
Energy Charge		
First Block	\$0.06593	per kWh
Excess	\$0.04120	per kWh
Maximum Monthly Charge	\$0.143	per kWh
Minimum Bill	\$2.41	per kW

FINAL RATES (Incl. RSA & MTAF)

Basic Customer Charge	\$93.90	$((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$
Demand Charge	WINTER	SUMMER
\$/kVA Demand Charge	\$6.89	\$6.14 $((\text{Summer Base}-1.5\%) \times MTAF) \times (1/(1-1.5\%))$ Winter=Summer+\$0.75
Energy Charge		
First Block	\$0.06928	$((\text{Base} - 1.5\%) + RSA) \times MTAF \times (1/(1-1.5\%))$
Excess	\$0.04393	$((\text{Base} - 1.5\%) + RSA) \times MTAF \times (1/(1-1.5\%))$
Maximum Monthly Charge	\$0.147	$((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$
Minimum Bill	\$2.47	$((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$

RATE 2.4

BASE RATE (NO RSA & NO MTAF)

Basic Customer Charge	\$183.23	per month
	WINTER	SUMMER
\$/kVA Demand Charge	\$6.41	\$5.68
Energy Charge		
First Block	\$0.05416	per kWh
Excess	\$0.04026	per kWh
Maximum Monthly Charge	\$0.143	per kWh
Minimum Bill	\$2.41	per kW

FINAL RATES (Incl. RSA & MTAF)

Basic Customer Charge	\$187.81	$((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$
	WINTER	SUMMER
\$/kVA Demand Charge	\$6.57	\$5.82 $((\text{Summer Base}-1.5\%) \times MTAF) \times (1/(1-1.5\%))$ Winter=Summer+\$0.75
Energy Charge		
First Block	\$0.05721	$((\text{Base} - 1.5\%) + RSA) \times MTAF \times (1/(1-1.5\%))$
Excess	\$0.04296	$((\text{Base} - 1.5\%) + RSA) \times MTAF \times (1/(1-1.5\%))$
Maximum Monthly Charge	\$0.147	$((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$
Minimum Bill	\$2.47	$((BCC - 1.5\%) \times MTAF) \times (1/(1-1.5\%))$

Street and Area Lighting

	Base Rate (A)	Annual kWh	Monthly kWh (B) *	RSA Amount (C)	Final Rate (A+C)xMTAF
MV 175 W Sentinel/Standard	\$13.16	840	56	\$0.09	\$13.58
MV 175 W Post Top	\$14.54	840	56	\$0.09	\$15.00
MV 250 W Sentinel/Standard	\$16.09	1189	76	\$0.12	\$16.62
MV 400 W Sentinel/Standard	\$21.44	1869	156	\$0.25	\$22.23
MV 700 W Sentinel/Standard	\$33.67	3175	265	\$0.43	\$34.95
MV 1000 W Sentinel/Standard	\$50.15	4473	373	\$0.61	\$52.03
HPS 100 W Sentinel/Standard	\$13.16	546	56	\$0.09	\$13.58
HPS 100 W Post Top	\$14.54	546	56	\$0.09	\$15.00
HPS 150 W Sentinel/Standard	\$16.09	802	76	\$0.12	\$16.62
HPS 150 W Post Top	\$17.77	802	67	\$0.11	\$18.33
HPS 250 W Sentinel/Standard	\$21.15	1273	106	\$0.17	\$21.85
HPS 400 W Sentinel/Standard	\$27.84	1995	166	\$0.27	\$28.81
Wood Poles	\$6.10			\$0.00	\$6.25
25' Concrete or Metal, Post Top	\$8.67			\$0.00	\$8.89
30' Concrete or Metal	\$9.95			\$0.00	\$10.20
45' Concrete or Metal	\$14.35			\$0.00	\$14.71
Underground Wiring (per run)	\$14.55			\$0.00	\$14.91

* Note: Weighted Average used for 175 Watt MV and 100 Watt HPS because they are charged the same rate (see below).

	% of Lights	Monthly Energy
175 W MV	42.21%	70.0
100 W HPS	57.79%	45.5
Weighted Average		56

	% of Lights	Monthly Energy
250 W MV	28.56%	99.1
150 W HPS	71.44%	66.8
Weighted Average		76