

Rochester Public Utilities - Electric Utility

**FY14 Electric Cost of Service Study
Proposed Rate Designs for 2015, 2016 & 2017**

7/21/2014

**Utility Financial Solutions, LLC
185 Sun Meadow Court
Holland, MI USA 49424**

Submitted Respectfully by:

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Rochester Public Utilities - Electric Utility

Proposed Rate Designs for 2015, 2016 & 2017

Summary

Min.	2.0%	0.0%	0.0%
Target	3.5%	1.7%	1.7%
Max	5.0%	3.7%	3.7%

Page No.	Customer Class		2015	2015	2016	2017	2015	2016	2017
			Revenue less Adjustments	Revenue with Adjustments	Revenue with Adjustments	Revenue with Adjustments	Percent Adjustment	Percent Adjustment	Percent Adjustment
	ResidentialRate RES	RES	\$ 43,615,239	\$ 45,197,813	\$ 46,012,940	\$ 46,837,244	3.6%	1.8%	1.8%
	Residential Dual FuelRate RES-DF	RES-DF	10,081	10,784	11,531	12,329	7.0%	6.9%	6.9%
	Residential High Efficiency HVACRate RESELGEO	RESELGEO	128,097	137,070	146,651	156,912	7.0%	7.0%	7.0%
	Small General ServiceRate GS	GS	16,519,937	17,219,208	17,512,142	17,811,006	4.2%	1.7%	1.7%
	SGS - High Efficiency HVACRate GS-HEF	GS-HEF	50,427	52,950	54,885	56,940	5.0%	3.7%	3.7%
	SGS - Time-of-UseRate GS-TOU	GS-TOU	-	-	-	-			
	Medium General ServiceRate MGS	MGS	30,157,753	31,118,228	31,516,315	31,945,023	3.2%	1.3%	1.4%
	MGS - High Efficiency HVACRate MGS-HEF	MGS-HEF	171,438	179,115	183,574	188,907	4.5%	2.5%	2.9%
	MGS - Time-of-UseRate MGS-TOU	MGS-TOU	1,904,024	1,975,005	1,997,390	1,997,390	3.7%	1.1%	0.0%
	Large General ServiceRate LGS	LGS	10,669,838	10,771,426	10,906,098	11,040,760	1.0%	1.3%	1.2%
	LGS - Time-of-UseRate LGS-TOU	LGS-TOU	-	-	-	-			
	Large Industrial ServiceRate LIS	LIS	20,755,543	21,602,500	22,018,209	22,433,918	4.1%	1.9%	1.9%
	Interruptible ServiceRate INTR	INTR	4,683,595	4,917,673	5,093,088	5,281,053	5.0%	3.6%	3.7%
	Cogen and Small Power ProdRate COGEN	COGEN	10,183	10,602	10,995	11,403	4.1%	3.7%	3.7%
	InterdepartmentalRate MUNI	MUNI	946,527	984,040	995,381	1,007,595	4.0%	1.2%	1.2%
	Civil Defense Sirens25	CDS	8,834	9,049	9,165	9,275	2.4%	1.3%	1.2%
	Highway Lighting26	HL	-	-	-	-			
	City Street Lighting27	CSL	1,185,625	1,209,774	1,233,429	1,258,316	2.0%	2.0%	2.0%
	Security Lightingvarious	SL	209,386	212,364	214,685	217,422	1.4%	1.1%	1.3%
	Traffic Signalsvarious	TS	105,392	110,373	114,449	118,683	4.7%	3.7%	3.7%

Total	\$ 131,131,917	\$ 135,717,975	\$ 138,030,926	\$ 140,384,179	3.50%	1.70%	1.70%
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Change in Ratchet Clause

Current Ratchet 75%

Proposed Ratchet 50%

Twelve Month Rolling PCA

Established PCA Base 0.07660 kWh

Rochester Public Utilities - Electric Utility

2015 PROPOSED RATE DESIGNS

Summary

Min. 2.00%

Target 3.50%

Max 5.00%

Page No.	Customer Class		2015 Revenue less Adjustments	2015 Revenue with Adjustments	Percent Increase
	ResidentialRate RES	RES	\$ 43,615,239	\$ 45,197,813	3.6%
	Residential Dual FuelRate RES-DF	RES-DF	\$ 10,081	\$ 10,784	7.0%
	Residential High Efficiency HVACRate RESELGEO	RESELGEO	\$ 128,097	\$ 137,070	7.0%
	Small General ServiceRate GS	GS	\$ 16,519,937	\$ 17,219,208	4.2%
	SGS - High Efficiency HVACRate GS-HEF	GS-HEF	\$ 50,427	\$ 52,950	5.0%
	Medium General ServiceRate MGS	MGS	\$ 30,157,753	\$ 31,118,228	3.2%
	MGS - High Efficiency HVACRate MGS-HEF	MGS-HEF	\$ 171,438	\$ 179,115	4.5%
	MGS - Time-of-UseRate MGS-TOU	MGS-TOU	\$ 1,904,024	\$ 1,975,005	3.7%
	Large General ServiceRate LGS	LGS	\$ 10,669,838	\$ 10,771,426	1.0%
	Large Industrial ServiceRate LIS	LIS	\$ 20,755,543	\$ 21,602,500	4.1%
	Interruptible ServiceRate INTR	INTR	\$ 4,683,595	\$ 4,917,673	5.0%
	Cogen and Small Power ProdRate COGEN	COGEN	\$ 10,183	\$ 10,602	4.1%
	InterdepartmentalRate MUNI	MUNI	\$ 946,527	\$ 984,040	4.0%
	Civil Defense Sirens25	CDS	\$ 8,834	\$ 9,049	2.4%
	City Street Lighting27	CSL	\$ 1,185,625	\$ 1,209,774	2.0%
	Security Lightingvarious	SL	\$ 209,386	\$ 212,364	1.4%
	Traffic Signalsvarious	TS	\$ 105,392	\$ 110,373	4.7%

Total	\$ 131,131,917	\$ 135,717,975	3.50%
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Change in Ratchet Clause

Current Ratchet 75%

Proposed Ratchet 50%

Twelve Month Rolling PCA

Established PCA Base 0.07660 kWh

Rochester Public Utilities - Electric Utility

Prepared by:

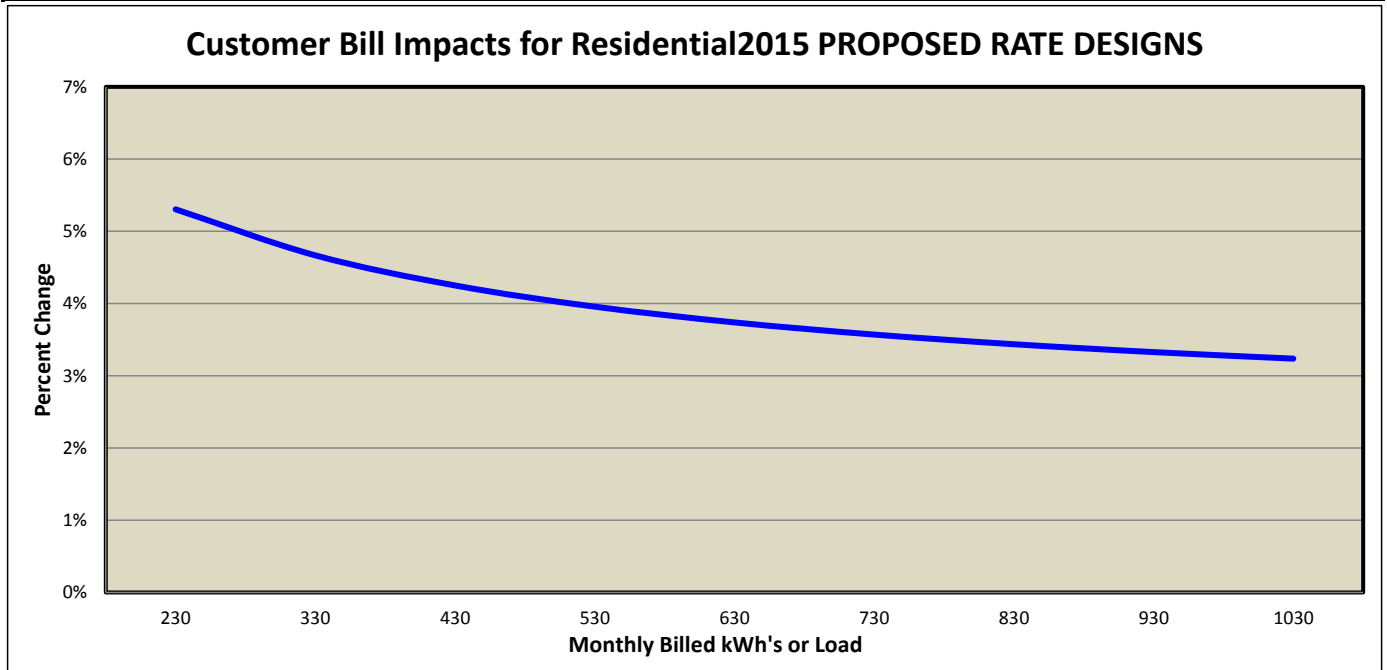
RES Residential

Rate RES

2015 PROPOSED RATE DESIGNS



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 14.9000	Customers #1	\$ 16.4000	Customers #1	\$ 21.44
Winter Block 1 (0 - All kWh)	\$ 0.09483	Winter Block 1 (0 - All kWh)	\$ 0.09740	Winter Energy	\$ 0.10369
Summer Block 1 (0 - All kWh)	\$ 0.11475	Summer Block 1 (0 - All kWh)	\$ 0.11650	Summer Energy	\$ 0.10448
Revenues from Current Rates	\$ 43,615,239	Revenues from Proposed Rates	\$ 45,197,813		
		Percentage Change from Current		3.63%	



RES Monthly Winter Bill Comparison					Annual	% Customers Ending in Block
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)		
230	\$ 36.71	\$ 38.80	\$ 2.09	5.70%		
330	\$ 46.19	\$ 48.54	\$ 2.35	5.08%		
430	\$ 55.68	\$ 58.28	\$ 2.61	4.68%		
530	\$ 65.16	\$ 68.02	\$ 2.86	4.39%		
630	\$ 74.64	\$ 77.76	\$ 3.12	4.18%		
730	\$ 84.13	\$ 87.50	\$ 3.38	4.01%		
830	\$ 93.61	\$ 97.24	\$ 3.63	3.88%		
930	\$ 103.09	\$ 106.98	\$ 3.89	3.77%		
1030	\$ 112.57	\$ 116.72	\$ 4.15	3.68%		
RES Monthly Summer Bill Comparison					Annual	% Customers Ending in Block
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)		
230	\$ 41.29	\$ 43.20	\$ 1.90	4.61%	5.12%	4.01%
330	\$ 52.77	\$ 54.85	\$ 2.08	3.94%	4.47%	10.50%
430	\$ 64.24	\$ 66.50	\$ 2.25	3.51%	4.05%	12.13%
530	\$ 75.72	\$ 78.15	\$ 2.43	3.21%	3.75%	13.04%
630	\$ 87.19	\$ 89.80	\$ 2.60	2.98%	3.54%	12.98%
730	\$ 98.67	\$ 101.45	\$ 2.78	2.82%	3.37%	11.38%
830	\$ 110.14	\$ 113.10	\$ 2.95	2.68%	3.23%	9.56%
930	\$ 121.62	\$ 124.75	\$ 3.13	2.57%	3.12%	7.57%
1030	\$ 133.09	\$ 136.40	\$ 3.30	2.48%	3.03%	5.53%
Over 1030						13.29%

Rochester Public Utilities - Electric Utility

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RES-DF Residential Dual Fuel

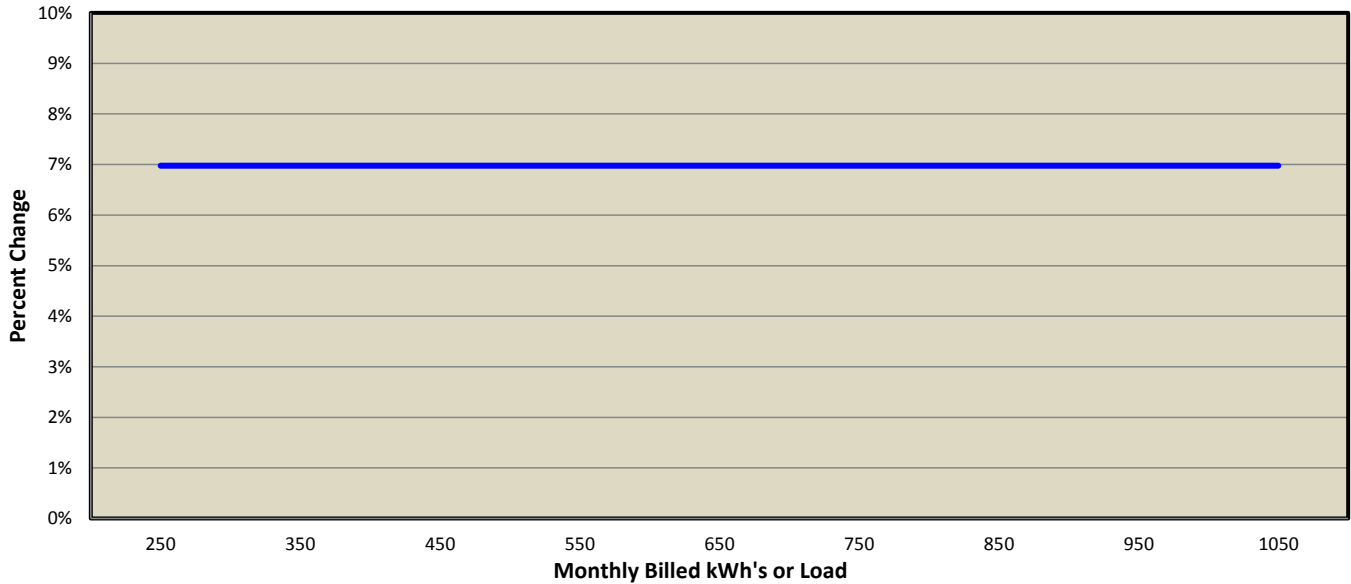
Rate RES-DF

2015 PROPOSED RATE DESIGNS



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 21.78
Winter Block 1 (0 - All kWh)	\$ 0.05805	Winter Block 1 (0 - All kWh)	\$ 0.06210	Winter Energy	\$ 0.09050
Summer Block 1 (0 - All kWh)	\$ 0.05805	Summer Block 1 (0 - All kWh)	\$ 0.06210	Summer Energy	\$ 0.08885
Revenues from Current Rates	\$ 10,081	Revenues from Proposed Rates	\$ 10,784		
		Percentage Change from Current	6.98%		

Customer Bill Impacts for Residential Dual Fuel 2015 PROPOSED RATE DESIGNS



RES-DF Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
250	\$ 14.51	\$ 15.53	\$ 1.01	6.98%
350	\$ 20.32	\$ 21.74	\$ 1.42	6.98%
450	\$ 26.12	\$ 27.95	\$ 1.82	6.98%
550	\$ 31.93	\$ 34.16	\$ 2.23	6.98%
650	\$ 37.73	\$ 40.37	\$ 2.63	6.98%
750	\$ 43.54	\$ 46.58	\$ 3.04	6.98%
850	\$ 49.34	\$ 52.79	\$ 3.44	6.98%
950	\$ 55.15	\$ 59.00	\$ 3.85	6.98%
1050	\$ 60.95	\$ 65.21	\$ 4.25	6.98%

RES-DF Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
250	\$ 14.51	\$ 15.53	\$ 1.01	6.98%	6.98%
350	\$ 20.32	\$ 21.74	\$ 1.42	6.98%	6.98%
450	\$ 26.12	\$ 27.95	\$ 1.82	6.98%	6.98%
550	\$ 31.93	\$ 34.16	\$ 2.23	6.98%	6.98%
650	\$ 37.73	\$ 40.37	\$ 2.63	6.98%	6.98%
750	\$ 43.54	\$ 46.58	\$ 3.04	6.98%	6.98%
850	\$ 49.34	\$ 52.79	\$ 3.44	6.98%	6.98%
950	\$ 55.15	\$ 59.00	\$ 3.85	6.98%	6.98%
1050	\$ 60.95	\$ 65.21	\$ 4.25	6.98%	6.98%

Rochester Public Utilities - Electric Utility

RESELGEO Residential High Efficiency HVAC

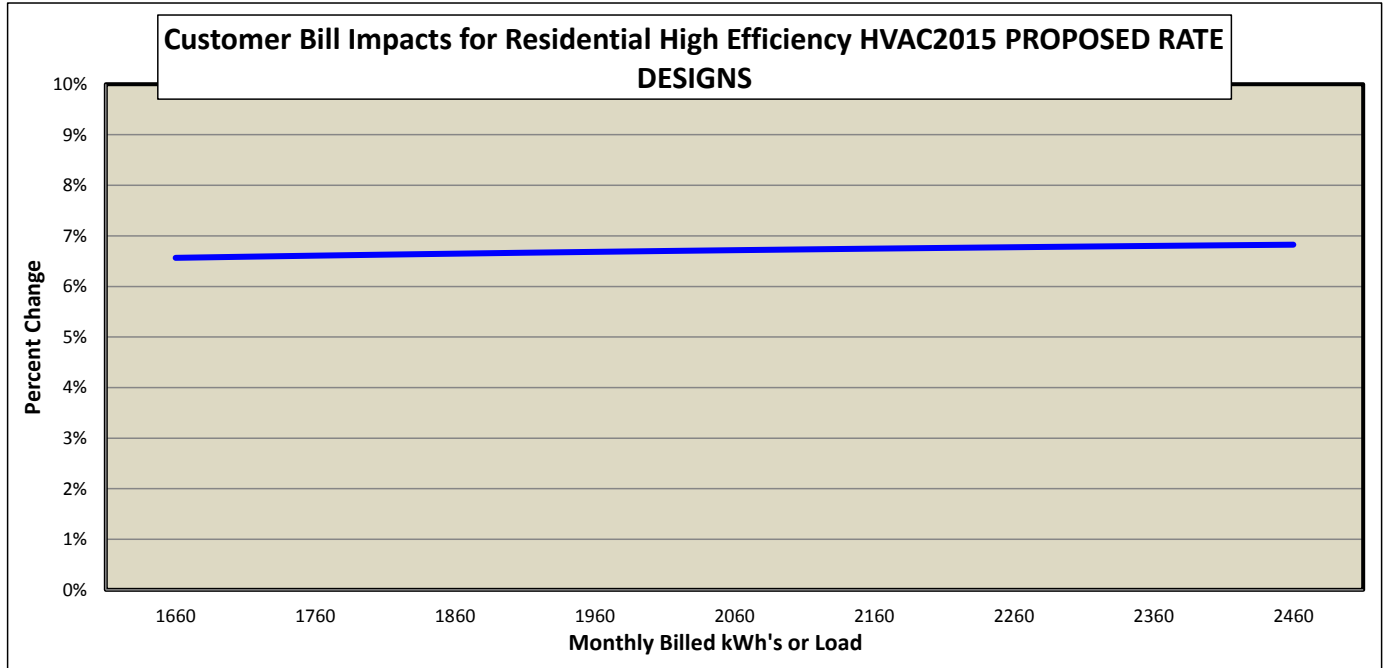
Rate RESELGEO

2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 14.9000	Customers #1	\$ 16.4000	Customers #1	\$ 41.83
Winter Block 1 (0 - 600 kWh)	\$ 0.09483	Winter Block 1 (0 - 600 kWh)	\$ 0.09900	Winter Energy	\$ 0.10207
Winter Block 2 (601 - Excess kWh)	\$ 0.05873	Winter Block 2 (600 - Excess kWh)	\$ 0.06480	Summer Energy	\$ 0.10346
Summer Block 1 (0 - all kWh)	\$ 0.11475	Summer Block 1 (0 - all kWh)	\$ 0.12000		
Revenues from Current Rates	\$ 128,097	Revenues from Proposed Rates	\$ 137,070		
		Percentage Change from Current	7.00%		



RESELGEO Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
1660	\$ 134.05	\$ 144.49	\$ 10.44	7.79%
1760	\$ 139.92	\$ 150.97	\$ 11.04	7.89%
1860	\$ 145.80	\$ 157.45	\$ 11.65	7.99%
1960	\$ 151.67	\$ 163.93	\$ 12.26	8.08%
2060	\$ 157.54	\$ 170.41	\$ 12.86	8.17%
2160	\$ 163.42	\$ 176.89	\$ 13.47	8.24%
2260	\$ 169.29	\$ 183.37	\$ 14.08	8.32%
2360	\$ 175.16	\$ 189.85	\$ 14.69	8.38%
2460	\$ 181.04	\$ 196.33	\$ 15.29	8.45%

RESELGEO Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
1660	\$ 205.39	\$ 215.60	\$ 10.22	4.97%	6.08%
1760	\$ 216.86	\$ 227.60	\$ 10.74	4.95%	6.11%
1860	\$ 228.34	\$ 239.60	\$ 11.27	4.93%	6.12%
1960	\$ 239.81	\$ 251.60	\$ 11.79	4.92%	6.14%
2060	\$ 251.29	\$ 263.60	\$ 12.31	4.90%	6.16%
2160	\$ 262.76	\$ 275.60	\$ 12.84	4.89%	6.17%
2260	\$ 274.24	\$ 287.60	\$ 13.37	4.87%	6.19%
2360	\$ 285.71	\$ 299.60	\$ 13.89	4.86%	6.20%
2460	\$ 297.19	\$ 311.60	\$ 14.42	4.85%	6.21%

Rochester Public Utilities - Electric Utility

GS Small General Service

Rate GS

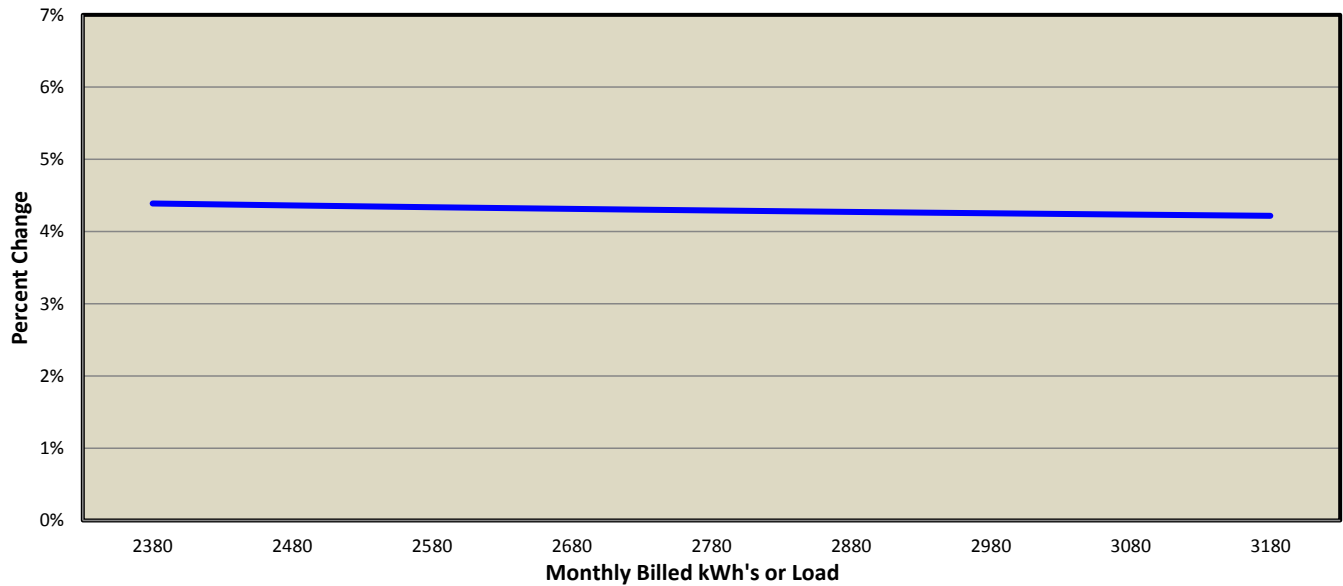
2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 29.9000	Customers #1	\$ 33.0000	Customers #1	\$ 43.65
Winter Block 1 (0 - All kWh)	\$ 0.09435	Winter Block 1 (0 - All kWh)	\$ 0.09820	Winter Energy	\$ 0.10493
Summer Block 1 (0 - All kWh)	\$ 0.11608	Summer Block 1 (0 - All kWh)	\$ 0.11950	Summer Energy	\$ 0.10965
Revenues from Current Rates	\$ 16,519,937	Revenues from Proposed Rates	\$ 17,219,208		
		Percentage Change from Current	4.23%		

Customer Bill Impacts for Small General Service 2015 PROPOSED RATE DESIGNS



GS Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
2380	\$ 254.45	\$ 266.72	\$ 12.26	4.82%
2480	\$ 263.89	\$ 276.54	\$ 12.65	4.79%
2580	\$ 273.32	\$ 286.36	\$ 13.03	4.77%
2680	\$ 282.76	\$ 296.18	\$ 13.42	4.75%
2780	\$ 292.19	\$ 306.00	\$ 13.80	4.72%
2880	\$ 301.63	\$ 315.82	\$ 14.19	4.70%
2980	\$ 311.06	\$ 325.64	\$ 14.57	4.68%
3080	\$ 320.50	\$ 335.46	\$ 14.96	4.67%
3180	\$ 329.93	\$ 345.28	\$ 15.34	4.65%

GS Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
2380	\$ 306.17	\$ 317.41	\$ 11.24	3.67%	4.19%
2480	\$ 317.78	\$ 329.36	\$ 11.58	3.64%	4.17%
2580	\$ 329.39	\$ 341.31	\$ 11.92	3.62%	4.14%
2680	\$ 340.99	\$ 353.26	\$ 12.27	3.60%	4.12%
2780	\$ 352.60	\$ 365.21	\$ 12.61	3.58%	4.10%
2880	\$ 364.21	\$ 377.16	\$ 12.95	3.56%	4.08%
2980	\$ 375.82	\$ 389.11	\$ 13.29	3.54%	4.06%
3080	\$ 387.43	\$ 401.06	\$ 13.63	3.52%	4.04%
3180	\$ 399.03	\$ 413.01	\$ 13.98	3.50%	4.02%

Rochester Public Utilities - Electric Utility

GS-HEF SGS - High Efficiency HVAC

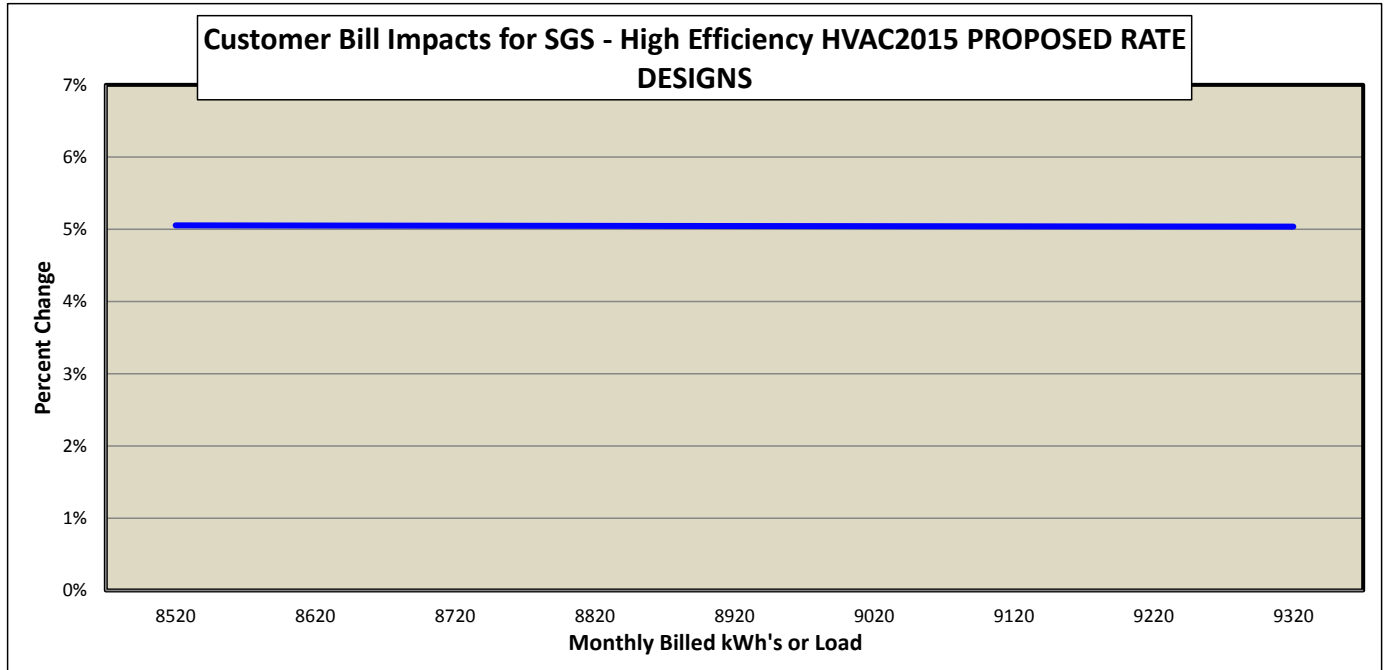
Rate GS-HEF

2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 29.9000	Customers #1	\$ 33.0000	Customers #1	\$ 45.32
Winter Block 1 (0 - All kWh)	\$ 0.07649	Winter Block 1 (0 - All kWh)	\$ 0.08130	Winter Energy	\$ 0.10337
Summer Block 1 (0 - All kWh)	\$ 0.11608	Summer Block 1 (0 - All kWh)	\$ 0.11950	Summer Energy	\$ 0.10828
Revenues from Current Rates	\$ 50,427	Revenues from Proposed Rates	\$ 52,950		
		Percentage Change from Current	5.00%		



GS-HEF Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
8520	\$ 681.59	\$ 725.68	\$ 44.08	6.47%
8620	\$ 689.24	\$ 733.81	\$ 44.56	6.47%
8720	\$ 696.89	\$ 741.94	\$ 45.04	6.46%
8820	\$ 704.54	\$ 750.07	\$ 45.52	6.46%
8920	\$ 712.19	\$ 758.20	\$ 46.01	6.46%
9020	\$ 719.84	\$ 766.33	\$ 46.49	6.46%
9120	\$ 727.49	\$ 774.46	\$ 46.97	6.46%
9220	\$ 735.14	\$ 782.59	\$ 47.45	6.45%
9320	\$ 742.79	\$ 790.72	\$ 47.93	6.45%

GS-HEF Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
8520	\$ 1,018.90	\$ 1,051.14	\$ 32.24	3.16%	4.49%
8620	\$ 1,030.51	\$ 1,063.09	\$ 32.58	3.16%	4.49%
8720	\$ 1,042.12	\$ 1,075.04	\$ 32.92	3.16%	4.48%
8820	\$ 1,053.73	\$ 1,086.99	\$ 33.26	3.16%	4.48%
8920	\$ 1,065.33	\$ 1,098.94	\$ 33.61	3.15%	4.48%
9020	\$ 1,076.94	\$ 1,110.89	\$ 33.95	3.15%	4.48%
9120	\$ 1,088.55	\$ 1,122.84	\$ 34.29	3.15%	4.47%
9220	\$ 1,100.16	\$ 1,134.79	\$ 34.63	3.15%	4.47%
9320	\$ 1,111.77	\$ 1,146.74	\$ 34.97	3.15%	4.47%

Rochester Public Utilities - Electric Utility

MGS Medium General Service

Rate MGS

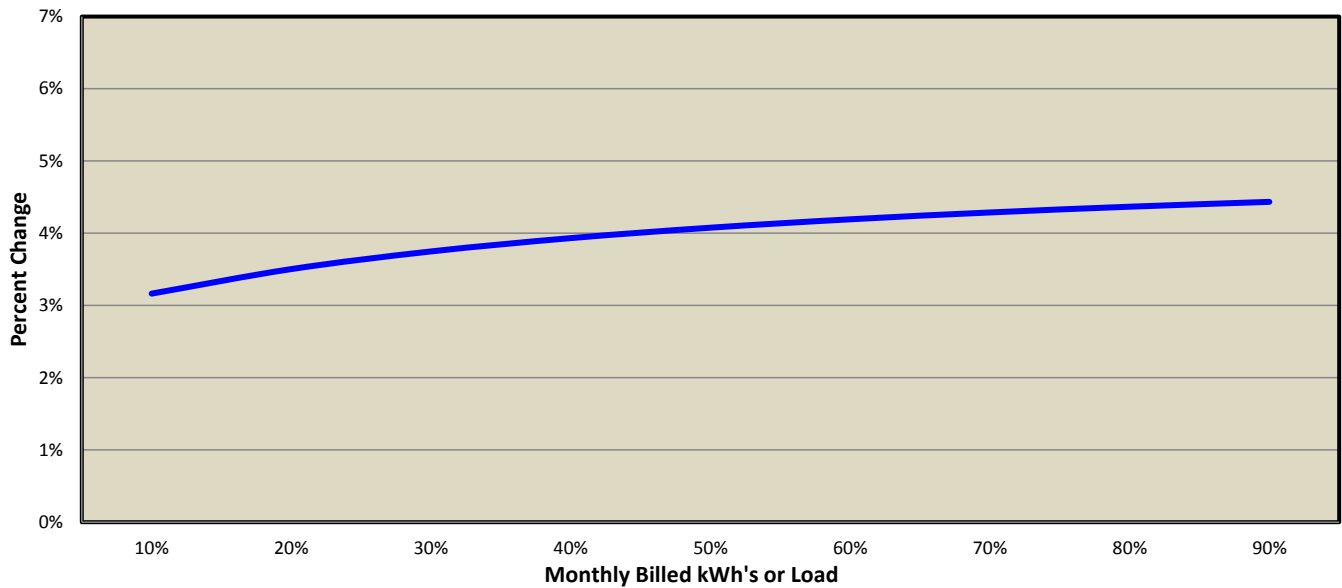
2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 135.69
Winter Block 1 (0 - All kWh)	\$ 0.05425	Winter Block 1 (0 - All kWh)	\$ 0.05710	Winter Energy	\$ 0.05762
Summer Block 1 (0 - All kWh)	\$ 0.05425	Summer Block 1 (0 - All kWh)	\$ 0.05710	Summer Energy	\$ 0.05519
Winter Block 1 (0 - all kW)	\$ 15.0190	Winter Block 1 (0 - all kW)	\$ 15.5200	Winter Demand	\$ 13.78
Summer Block 1 (0 - all kW)	\$ 19.3570	Summer Block 1 (0 - all kW)	\$ 19.6700	Summer Demand	\$ 15.68
Revenues from Current Rates	\$ 30,157,753	Revenues from Proposed Rates	\$ 31,118,228		
		Percentage Change from Current	3.18%		

Customer Bill Impacts for Medium General Service 2015 PROPOSED RATE DESIGNS



MGS Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 3,830.37	\$ 3,973.47	\$ 143.10	3.74%
20%	\$ 4,630.02	\$ 4,815.12	\$ 185.11	4.00%
30%	\$ 5,429.12	\$ 5,656.21	\$ 227.09	4.18%
40%	\$ 6,228.22	\$ 6,497.29	\$ 269.07	4.32%
50%	\$ 7,027.87	\$ 7,338.94	\$ 311.08	4.43%
60%	\$ 7,826.97	\$ 8,180.03	\$ 353.06	4.51%
70%	\$ 8,626.07	\$ 9,021.11	\$ 395.04	4.58%
80%	\$ 9,425.72	\$ 9,862.76	\$ 437.05	4.64%
90%	\$ 10,224.82	\$ 10,703.85	\$ 479.03	4.68%

MGS Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 4,705.91	\$ 4,811.06	\$ 105.15	2.23%	2.91%
20%	\$ 5,505.55	\$ 5,652.71	\$ 147.16	2.67%	3.28%
30%	\$ 6,304.66	\$ 6,493.80	\$ 189.14	3.00%	3.55%
40%	\$ 7,103.76	\$ 7,334.88	\$ 231.12	3.25%	3.75%
50%	\$ 7,903.40	\$ 8,176.53	\$ 273.13	3.46%	3.91%
60%	\$ 8,702.51	\$ 9,017.62	\$ 315.11	3.62%	4.04%
70%	\$ 9,501.61	\$ 9,858.70	\$ 357.09	3.76%	4.15%
80%	\$ 10,301.25	\$ 10,700.35	\$ 399.10	3.87%	4.24%
90%	\$ 11,100.36	\$ 11,541.44	\$ 441.08	3.97%	4.31%

Rochester Public Utilities - Electric Utility

MGS-TOU MGS - Time-of-Use

Rate MGS-TOU

2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 136.45
Winter Block 1 (0 - All kWh)	\$ 0.05425	Winter Block 1 (0 - All kWh)	\$ 0.05710	Winter Energy	\$ 0.05625
Summer Block 1 (0 - All kWh)	\$ 0.05425	Summer Block 1 (0 - All kWh)	\$ 0.05710	Summer Energy	\$ 0.05395
Off Peak Winter (- KW)	\$ 1.8960	Off Peak Winter (- KW)	\$ 1.8960		
On Peak Winter (- KW)	\$ 15.0190	On Peak Winter (- KW)	\$ 15.5200		
Off Peak Summer (- KW)	\$ 1.8960	Off Peak Summer (- KW)	\$ 1.8960		
On Peak Summer (- KW)	\$ 19.3570	On Peak Summer (- KW)	\$ 19.6700		
Revenues from Current Rates	\$ 1,904,024	Revenues from Proposed Rates	\$ 1,975,005		
		Percentage Change from Current	3.73%		

Rochester Public Utilities - Electric Utility

MGS-HEF MGS - High Efficiency HVAC

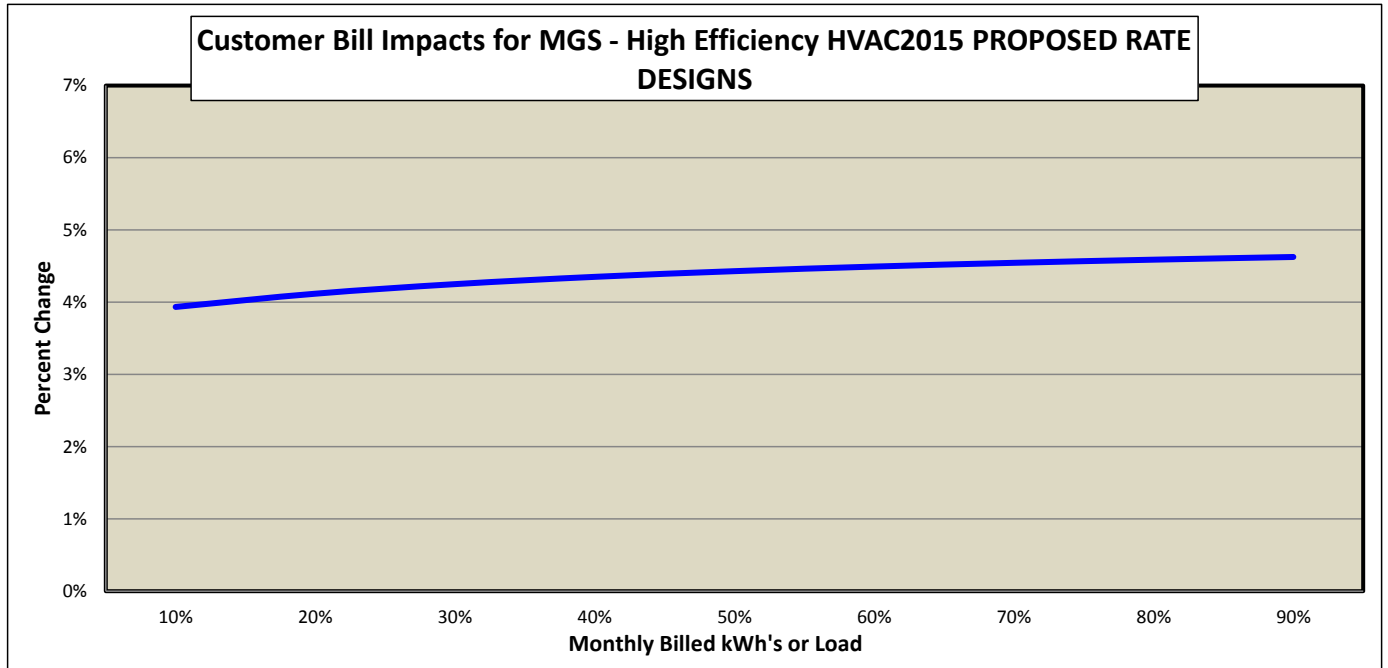
Rate MGS-HEF

2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 130.16
Winter Block 1 (0 - All kWh)	\$ 0.04423	Winter Block 1 (0 - All kWh)	\$ 0.04650	Winter Energy	\$ 0.05628
Summer Block 1 (0 - All kWh)	\$ 0.05267	Summer Block 1 (0 - All kWh)	\$ 0.05530	Summer Energy	\$ 0.05366
Winter Block 1 (0 - All kW)	\$ 12.2380	Winter Block 1 (0 - All kW)	\$ 12.8500	Winter Demand	\$ 14.91
Summer Block 1 (0 - All kW)	\$ 19.3570	Summer Block 1 (0 - All kW)	\$ 19.7400	Summer Demand	\$ 14.50
Revenues from Current Rates	\$ 171,438	Revenues from Proposed Rates	\$ 179,115		
		Percentage Change from Current	4.48%		



MGS-HEF Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 1,697.91	\$ 1,783.29	\$ 85.38	5.03%
20%	\$ 2,052.64	\$ 2,156.22	\$ 103.58	5.05%
30%	\$ 2,406.92	\$ 2,528.68	\$ 121.76	5.06%
40%	\$ 2,761.64	\$ 2,901.61	\$ 139.97	5.07%
50%	\$ 3,115.93	\$ 3,274.08	\$ 158.15	5.08%
60%	\$ 3,470.65	\$ 3,647.01	\$ 176.36	5.08%
70%	\$ 3,824.93	\$ 4,019.47	\$ 194.54	5.09%
80%	\$ 4,179.66	\$ 4,392.40	\$ 212.74	5.09%
90%	\$ 4,533.94	\$ 4,764.87	\$ 230.93	5.09%

MGS-HEF Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 2,547.12	\$ 2,610.24	\$ 63.12	2.48%	3.50%
20%	\$ 2,969.54	\$ 3,053.75	\$ 84.21	2.84%	3.74%
30%	\$ 3,391.42	\$ 3,496.70	\$ 105.28	3.10%	3.92%
40%	\$ 3,813.84	\$ 3,940.21	\$ 126.37	3.31%	4.05%
50%	\$ 4,235.72	\$ 4,383.16	\$ 147.43	3.48%	4.16%
60%	\$ 4,658.14	\$ 4,826.66	\$ 168.53	3.62%	4.24%
70%	\$ 5,080.02	\$ 5,269.62	\$ 189.59	3.73%	4.31%
80%	\$ 5,502.44	\$ 5,713.12	\$ 210.69	3.83%	4.37%
90%	\$ 5,924.32	\$ 6,156.08	\$ 231.75	3.91%	4.42%

Rochester Public Utilities - Electric Utility

Prepared by:

LGS Large General Service

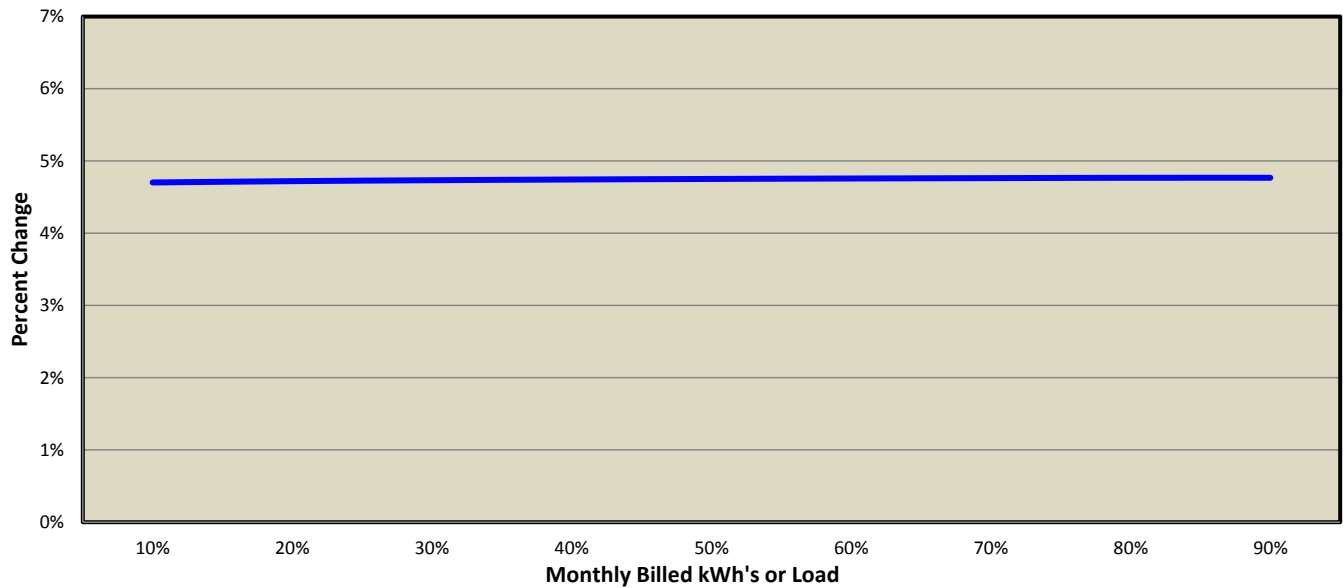
Rate LGS

2015 PROPOSED RATE DESIGNS



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 310.03
Winter Block 1 (0 - All kWh)	\$ 0.05419	Winter Block 1 (0 - All kWh)	\$ 0.05680	Winter Energy	\$ 0.05626
Summer Block 1 (0 - All kWh)	\$ 0.05419	Summer Block 1 (0 - All kWh)	\$ 0.05680	Summer Energy	\$ 0.05394
Winter Block 1 (0 - All kW)	\$ 16.9570	Winter Block 1 (0 - All kW)	\$ 17.7500	Winter Demand	\$ 14.65
Summer Block 1 (0 - All kW)	\$ 16.9570	Summer Block 1 (0 - All kW)	\$ 17.7500	Summer Demand	\$ 17.29
Revenues from Current Rates	\$ 10,669,838	Revenues from Proposed Rates	\$ 10,771,426		
		Percentage Change from Current	0.95%		

Customer Bill Impacts for Large General Service 2015 PROPOSED RATE DESIGNS



LGS Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 35,306.03	\$ 36,966.47	\$ 1,660.44	4.70%
20%	\$ 41,984.41	\$ 43,966.50	\$ 1,982.10	4.72%
30%	\$ 48,663.32	\$ 50,967.10	\$ 2,303.78	4.73%
40%	\$ 55,341.70	\$ 57,967.13	\$ 2,625.43	4.74%
50%	\$ 62,020.08	\$ 64,967.17	\$ 2,947.09	4.75%
60%	\$ 68,698.45	\$ 71,967.20	\$ 3,268.75	4.76%
70%	\$ 75,377.37	\$ 78,967.80	\$ 3,590.43	4.76%
80%	\$ 82,055.74	\$ 85,967.83	\$ 3,912.09	4.77%
90%	\$ 82,817.66	\$ 86,766.44	\$ 3,948.78	4.77%

LGS Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 35,306.03	\$ 36,966.47	\$ 1,660.44	4.70%	4.70%
20%	\$ 41,984.41	\$ 43,966.50	\$ 1,982.10	4.72%	4.72%
30%	\$ 48,663.32	\$ 50,967.10	\$ 2,303.78	4.73%	4.73%
40%	\$ 55,341.70	\$ 57,967.13	\$ 2,625.43	4.74%	4.74%
50%	\$ 62,020.08	\$ 64,967.17	\$ 2,947.09	4.75%	4.75%
60%	\$ 68,698.45	\$ 71,967.20	\$ 3,268.75	4.76%	4.76%
70%	\$ 75,377.37	\$ 78,967.80	\$ 3,590.43	4.76%	4.76%
80%	\$ 82,055.74	\$ 85,967.83	\$ 3,912.09	4.77%	4.77%
90%	\$ 82,817.66	\$ 86,766.44	\$ 3,948.78	4.77%	4.77%

Rochester Public Utilities - Electric Utility

Prepared by:

LIS Large Industrial Service

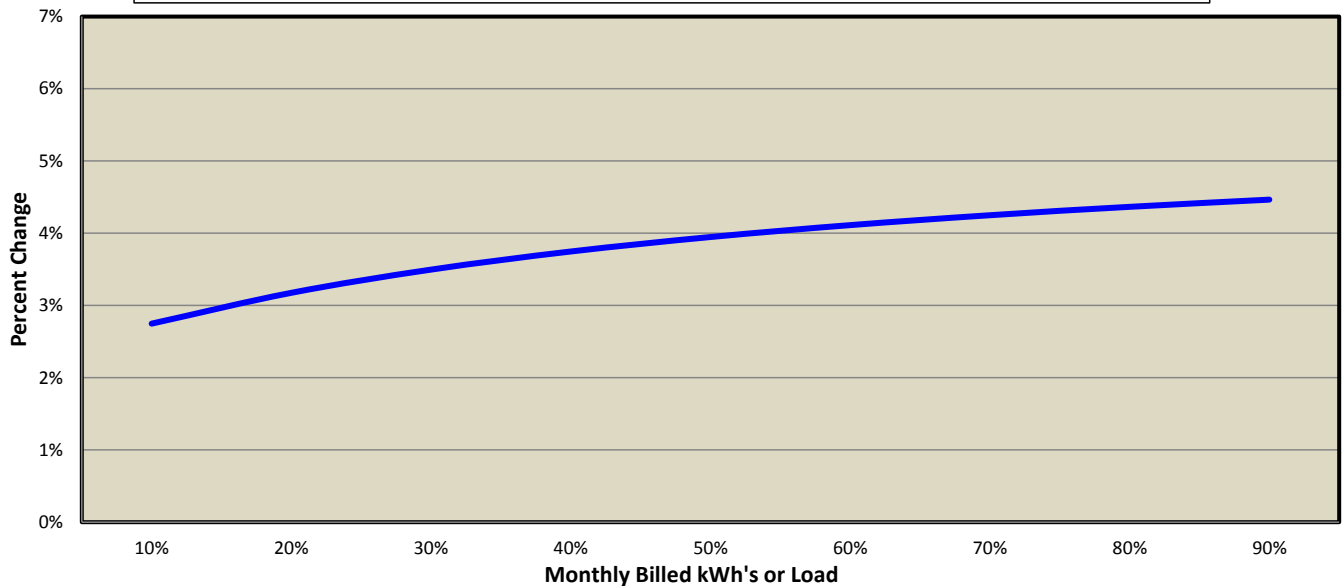
Rate LIS

2015 PROPOSED RATE DESIGNS



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 1,833.55
Winter Block 1 (0 - All kWh)	\$ 0.04888	Winter Block 1 (0 - All kWh)	\$ 0.05170	Winter Energy	\$ 0.05625
Summer Block 1 (0 - All kWh)	\$ 0.04888	Summer Block 1 (0 - All kWh)	\$ 0.05170	Summer Energy	\$ 0.05394
Winter Block 1 (0 - All kW)	\$ 18.1100	Winter Block 1 (0 - All kW)	\$ 18.5000	Winter Demand	\$ 18.18
Summer Block 1 (0 - All kW)	\$ 18.1100	Summer Block 1 (0 - All kW)	\$ 18.5000	Summer Demand	\$ 18.96
Revenues from Current Rates	\$ 20,755,543	Revenues from Proposed Rates	\$ 21,602,500		
		Percentage Change from Current	4.08%		

Customer Bill Impacts for Large Industrial Service 2015 PROPOSED RATE DESIGNS



LIS Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 434,876.81	\$ 446,830.07	\$ 11,953.27	2.75%
20%	\$ 506,457.66	\$ 522,540.59	\$ 16,082.93	3.18%
30%	\$ 578,038.02	\$ 598,250.58	\$ 20,212.57	3.50%
40%	\$ 649,618.87	\$ 673,961.10	\$ 24,342.23	3.75%
50%	\$ 721,199.72	\$ 749,671.61	\$ 28,471.90	3.95%
60%	\$ 792,780.57	\$ 825,382.13	\$ 32,601.56	4.11%
70%	\$ 864,360.93	\$ 901,092.12	\$ 36,731.20	4.25%
80%	\$ 935,941.78	\$ 976,802.64	\$ 40,860.86	4.37%
90%	\$ 1,007,522.63	\$ 1,052,513.15	\$ 44,990.52	4.47%

LIS Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 434,876.81	\$ 446,830.07	\$ 11,953.27	2.75%	2.75%
20%	\$ 506,457.66	\$ 522,540.59	\$ 16,082.93	3.18%	3.18%
30%	\$ 578,038.02	\$ 598,250.58	\$ 20,212.57	3.50%	3.50%
40%	\$ 649,618.87	\$ 673,961.10	\$ 24,342.23	3.75%	3.75%
50%	\$ 721,199.72	\$ 749,671.61	\$ 28,471.90	3.95%	3.95%
60%	\$ 792,780.57	\$ 825,382.13	\$ 32,601.56	4.11%	4.11%
70%	\$ 864,360.93	\$ 901,092.12	\$ 36,731.20	4.25%	4.25%
80%	\$ 935,941.78	\$ 976,802.64	\$ 40,860.86	4.37%	4.37%
90%	\$ 1,007,522.63	\$ 1,052,513.15	\$ 44,990.52	4.47%	4.47%

Rochester Public Utilities - Electric Utility

INTR Interruptible Service

Rate INTR

2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 177.50
MGS	\$ 0.05425	MGS	\$ 0.05710	Winter Energy	\$ 0.05627
LGS	\$ 0.05419	LGS	\$ 0.05680	Summer Energy	\$ 0.05393
LIS	\$ 0.04888	LIS	\$ 0.05170	Winter Demand	\$ 13.20
MGS Demand (- 7.623 kW)	\$ 7.8520	MGS Demand (- 7.623 kW)	\$ 8.1000	Summer Demand	\$ 14.08
LGS Demand (- 8.26 kW)	\$ 8.5080	LGS Demand (- 8.26 kW)	\$ 8.8000		
LIS Demand (- 8.55 kW)	\$ 8.8070	LIS Demand (- 8.55 kW)	\$ 9.1000		
Revenues from Current Rates	\$ 4,683,595	Revenues from Proposed Rates	\$ 4,917,673		
		Percentage Change from Current	5.00%		

Rochester Public Utilities - Electric Utility

Prepared by:

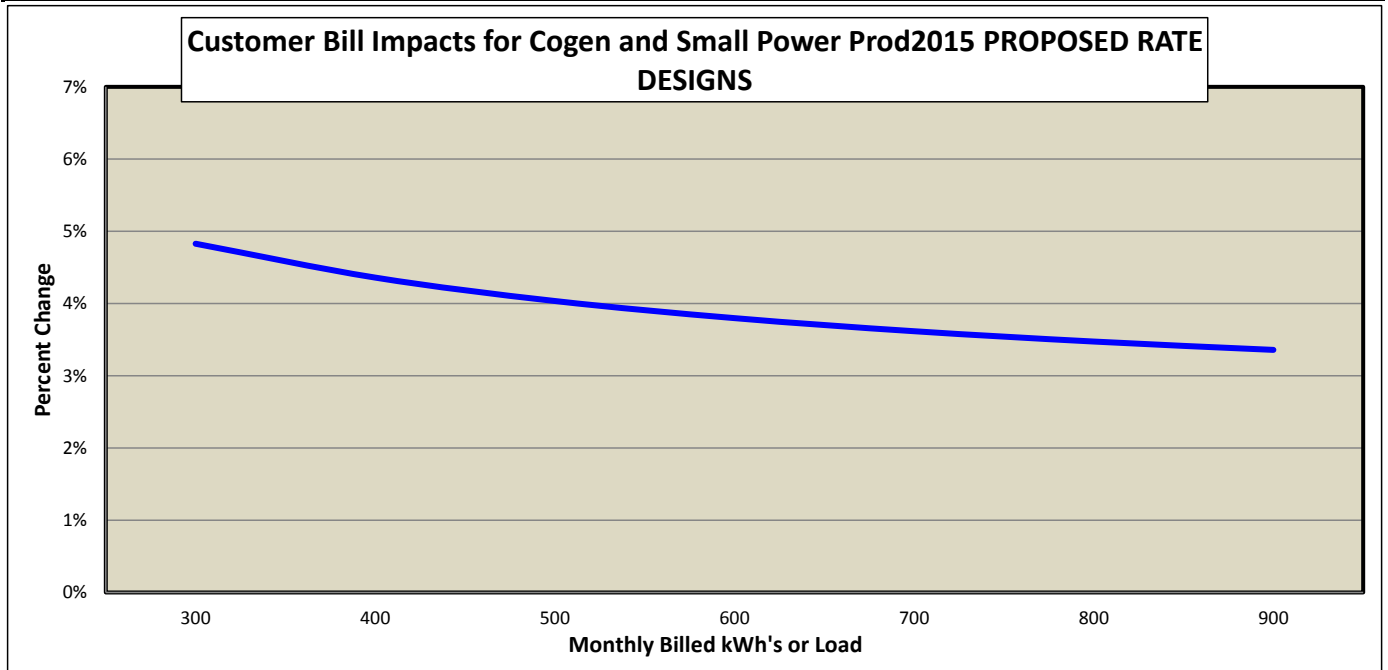
COGEN Cogen and Small Power Prod

Rate COGEN

2015 PROPOSED RATE DESIGNS



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 14.9000	Customers #1	\$ 16.4000	Customers #1	\$ 38.41
Winter Block 1 (0 - All kWh)	\$ 0.09483	Winter Block 1 (0 - All kWh)	\$ 0.09740	Winter Energy	\$ 0.04652
Summer Block 1 (0 - All kWh)	\$ 0.11475	Summer Block 1 (0 - All kWh)	\$ 0.11650	Summer Energy	\$ 0.04421
Revenues from Current Rates	\$ 10,183	Revenues from Proposed Rates	\$ 10,602		
		Percentage Change from Current	4.12%		



COGEN Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
100	\$ 24.38	\$ 26.14	\$ 1.76	7.21%
200	\$ 33.87	\$ 35.88	\$ 2.01	5.95%
300	\$ 43.35	\$ 45.62	\$ 2.27	5.24%
400	\$ 52.83	\$ 55.36	\$ 2.53	4.78%
500	\$ 62.32	\$ 65.10	\$ 2.79	4.47%
600	\$ 71.80	\$ 74.84	\$ 3.04	4.24%
700	\$ 81.28	\$ 84.58	\$ 3.30	4.06%
800	\$ 90.76	\$ 94.32	\$ 3.56	3.92%
900	\$ 100.25	\$ 104.06	\$ 3.81	3.80%

COGEN Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
100	\$ 26.38	\$ 28.05	\$ 1.68	6.35%	6.76%
200	\$ 37.85	\$ 39.70	\$ 1.85	4.89%	5.39%
300	\$ 49.33	\$ 51.35	\$ 2.03	4.11%	4.64%
400	\$ 60.80	\$ 63.00	\$ 2.20	3.62%	4.16%
500	\$ 72.28	\$ 74.65	\$ 2.38	3.29%	3.83%
600	\$ 83.75	\$ 86.30	\$ 2.55	3.04%	3.60%
700	\$ 95.23	\$ 97.95	\$ 2.73	2.86%	3.41%
800	\$ 106.70	\$ 109.60	\$ 2.90	2.72%	3.27%
900	\$ 118.18	\$ 121.25	\$ 3.07	2.60%	3.15%

Rochester Public Utilities - Electric Utility

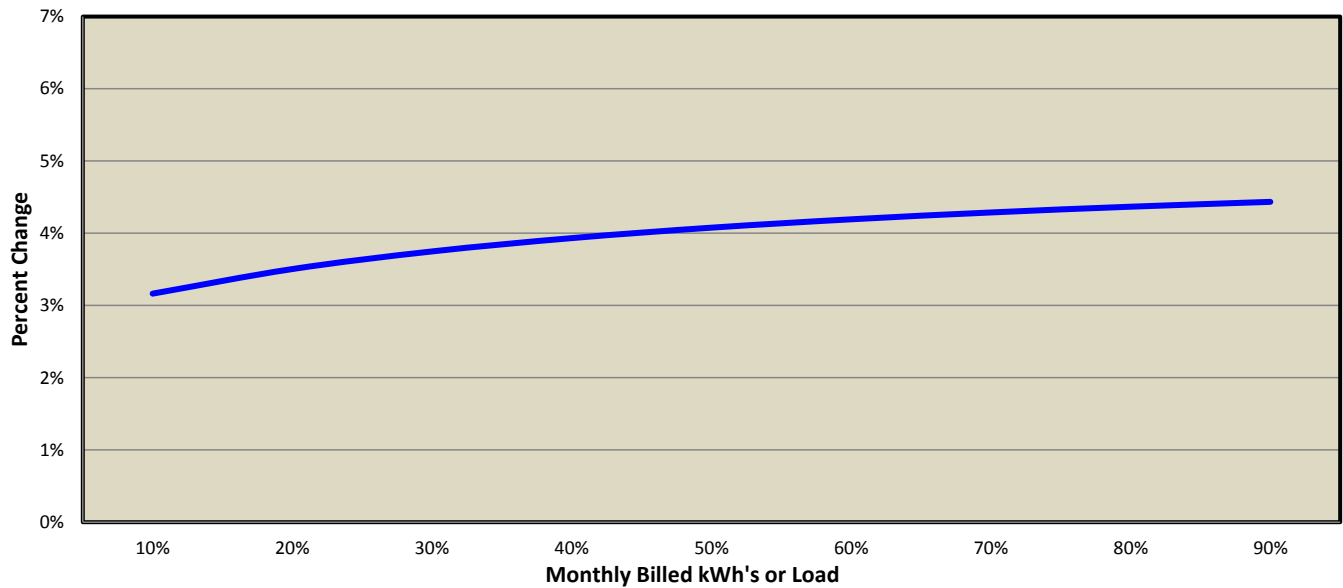
Prepared by:

MUNI Interdepartmental
 Rate MUNI
2015 PROPOSED RATE DESIGNS



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 84.56
Winter Block 1 (0 - All kWh)	\$ 0.05425	Winter Block 1 (0 - All kWh)	\$ 0.05710	Winter Energy	\$ 0.05626
Summer Block 1 (0 - All kWh)	\$ 0.05425	Summer Block 1 (0 - All kWh)	\$ 0.05710	Summer Energy	\$ 0.05392
Winter Block 1 (0 - All kW)	\$ 15.0190	Winter Block 1 (0 - All kW)	\$ 15.5200	Winter Demand	\$ 11.63
Summer Block 1 (0 - All kW)	\$ 19.3570	Summer Block 1 (0 - All kW)	\$ 19.6700	Summer Demand	\$ 16.20
Revenues from Current Rates	\$ 946,527	Revenues from Proposed Rates	\$ 984,040		
		Percentage Change from Current	3.96%		

Customer Bill Impacts for Interdepartmental 2015 PROPOSED RATE DESIGNS



MUNI Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 645.42	\$ 669.53	\$ 24.11	3.74%
20%	\$ 780.50	\$ 811.71	\$ 31.21	4.00%
30%	\$ 915.04	\$ 953.32	\$ 38.27	4.18%
40%	\$ 1,049.58	\$ 1,094.92	\$ 45.34	4.32%
50%	\$ 1,184.66	\$ 1,237.10	\$ 52.44	4.43%
60%	\$ 1,319.20	\$ 1,378.71	\$ 59.51	4.51%
70%	\$ 1,453.74	\$ 1,520.32	\$ 66.57	4.58%
80%	\$ 1,588.83	\$ 1,662.50	\$ 73.67	4.64%
90%	\$ 1,723.37	\$ 1,804.11	\$ 80.74	4.68%

MUNI Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 792.98	\$ 810.69	\$ 17.71	2.23%	2.91%
20%	\$ 928.06	\$ 952.87	\$ 24.81	2.67%	3.28%
30%	\$ 1,062.60	\$ 1,094.48	\$ 31.88	3.00%	3.55%
40%	\$ 1,197.14	\$ 1,236.09	\$ 38.95	3.25%	3.75%
50%	\$ 1,332.22	\$ 1,378.27	\$ 46.04	3.46%	3.91%
60%	\$ 1,466.76	\$ 1,519.87	\$ 53.11	3.62%	4.04%
70%	\$ 1,601.30	\$ 1,661.48	\$ 60.18	3.76%	4.15%
80%	\$ 1,736.39	\$ 1,803.66	\$ 67.28	3.87%	4.24%
90%	\$ 1,870.93	\$ 1,945.27	\$ 74.34	3.97%	4.31%

Rochester Public Utilities - Electric Utility

CDS Civil Defense Sirens

25

2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Fixed c	\$ 15.2200	Fixed c	\$ 15.5900	Fixed c	\$ 14.20
Revenues from Current Rates	\$ 8,834	Revenues from Proposed Rates	\$ 9,049		
		Percentage Change from Current	2.43%		

**Rochester Public Utilities - Electric Utility
City Street Lights**

Prepared by:



	No. of Lights	Current Rate	Proposed Rate	Current Revenues	Proposed Revenues
Muni 250W MV	6	\$ 21.61	\$ 21.82	\$ 1,556	\$ 1,571
Muni 400W MV	7	34.57	34.92	2,904	2,933
Muni 175W MH	34	15.13	15.58	6,171	6,356
Muni 250W MH	44	21.61	22.26	11,409	11,751
Muni 25W LED	1	2.59	3.23	31	39
Muni 35W LED	1	3.62	4.53	43	54
Muni 45W LED	81	4.05	5.07	3,941	4,926
Muni 55W LED	11	4.32	5.40	570	713
Muni 65W LED	40	5.78	7.23	2,776	3,470
Muni 75W LED	454	6.05	7.56	32,962	41,202
Muni 85W LED	1	7.00	8.75	84	105
Muni 95W LED	1	8.64	10.80	104	130
Muni 100W LED	3	13.56	16.95	488	610
Muni 157W LED	46	13.56	16.95	7,486	9,357
Muni 175W LED	7	15.13	18.91	1,271	1,588
Muni 100W HPS	6560	8.64	8.73	680,391	687,195
Muni 150W HPS	8	12.96	13.09	1,245	1,257
Muni 250W HPS	1370	21.61	21.82	355,235	358,787
Muni 400W HPS	182	34.57	34.92	75,507	76,262
Muni 100W HPS	14	8.64	8.73	1,452	1,467
Total				\$ 1,185,625	\$ 1,209,774
Adjustment					2.0%

Rochester Public Utilities - Electric Utility

SL Security Lighting
various

2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS		
V (105 kWh's per Lamp)	\$ 12.2600	V (105 kWh's per Lamp)	\$ 12.550	
175 W MV (74 kWh's per Lamp)	\$ 9.4600	175 W MV (74 kWh's per Lamp)	\$ 9.900	
400 W MV (168 kWh's per Lamp)	\$ 16.0900	400 W MV (168 kWh's per Lamp)	\$ 16.600	
70 W HPS (29 kWh's per Lamp)	\$ 9.0900	70 W HPS (29 kWh's per Lamp)	\$ 9.090	
100 W HPS (41 kWh's per Lamp)	\$ 10.8200	100 W HPS (41 kWh's per Lamp)	\$ 10.820	
250 W HPS (103 kWh's per Lamp)	\$ 15.1900	250 W HPS (103 kWh's per Lamp)	\$ 15.190	
400 W HPS (165 kWh's per Lamp)	\$ 18.5900	400 W HPS (165 kWh's per Lamp)	\$ 18.900	
150 W HPS Roadway (62 kWh's per Lamp)	\$ 12.0500	150 W HPS Roadway (62 kWh's per Lamp)	\$ 12.050	
250(x2) W HPS & Concrete Pole (- per L _a)	\$ -	250(x2) W HPS & Concrete Pole (- per L _a)	\$ -	
Revenues from Current Rates	\$ 209,386	Revenues from Proposed Rates	\$ 212,364	
		Percentage Change from Current	1.42%	

Rochester Public Utilities - Electric Utility

TS Traffic Signals
 various

2015 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2015 PROPOSED RATE DESIGNS	
Monthly Customer Charge:		Monthly Customer Charge:	
Fixed charge per	\$ 27.9300	Fixed charge per	\$ 29.2500
Winter Block 1 (0 - All kWh)		Winter Block 1 (0 - All kWh)	
Summer Block 1 (0 - All kWh)	\$ -	Summer Block 1 (0 - All kWh)	\$ -
Revenues from Current Rates	\$ 105,392	Revenues from Proposed Rates	\$ 110,373
		Percentage Change from Current	4.73%

Rochester Public Utilities - Electric Utility

2016 PROPOSED RATE DESIGNS

Summary

Page No.	Customer Class		2016 Revenue less Adjustments	2016 Revenue with Adjustments	Percent Change
	ResidentialRate RES	RES	\$ 45,197,813	\$ 46,012,940	1.8%
	Residential Dual FuelRate RES-DF	RES-DF	10,784	11,531	6.9%
	Residential High Efficiency HVACRate RESELGEO	RESELGEO	137,070	146,651	7.0%
	Small General ServiceRate GS	GS	17,219,208	17,512,142	1.7%
	SGS - High Efficiency HVACRate GS-HEF	GS-HEF	52,950	54,885	3.7%
	Medium General ServiceRate MGS	MGS	31,118,228	31,516,315	1.3%
	MGS - High Efficiency HVACRate MGS-HEF	MGS-HEF	179,115	183,574	2.5%
	MGS - Time-of-UseRate MGS-TOU	MGS-TOU	1,975,005	1,997,390	1.1%
	Large General ServiceRate LGS	LGS	10,771,426	10,906,098	1.3%
	Large Industrial ServiceRate LIS	LIS	21,602,500	22,018,209	1.9%
	Interruptible ServiceRate INTR	INTR	4,917,673	5,093,088	3.6%
	Cogen and Small Power ProdRate COGEN	COGEN	10,602	10,995	3.7%
	InterdepartmentalRate MUNI	MUNI	984,040	995,381	1.2%
	Civil Defense Sirens25	CDS	9,049	9,165	1.3%
	City Street Lighting27	CSL	1,209,774	1,233,429	0.0%
	Security Lightingvarious	SL	212,364	214,685	1.1%
	Traffic Signalsvarious	TS	110,373	114,449	3.7%

Total	\$ 135,717,975	\$ 138,030,926	1.70%
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Change in Ratchet Clause

Current Ratchet 75%

Proposed Ratchet 50%

Twelve Month Rolling PCA

Established PCA Base 0.07660 kWh

Rochester Public Utilities - Electric Utility

RES 2016 Residential

Rate RES

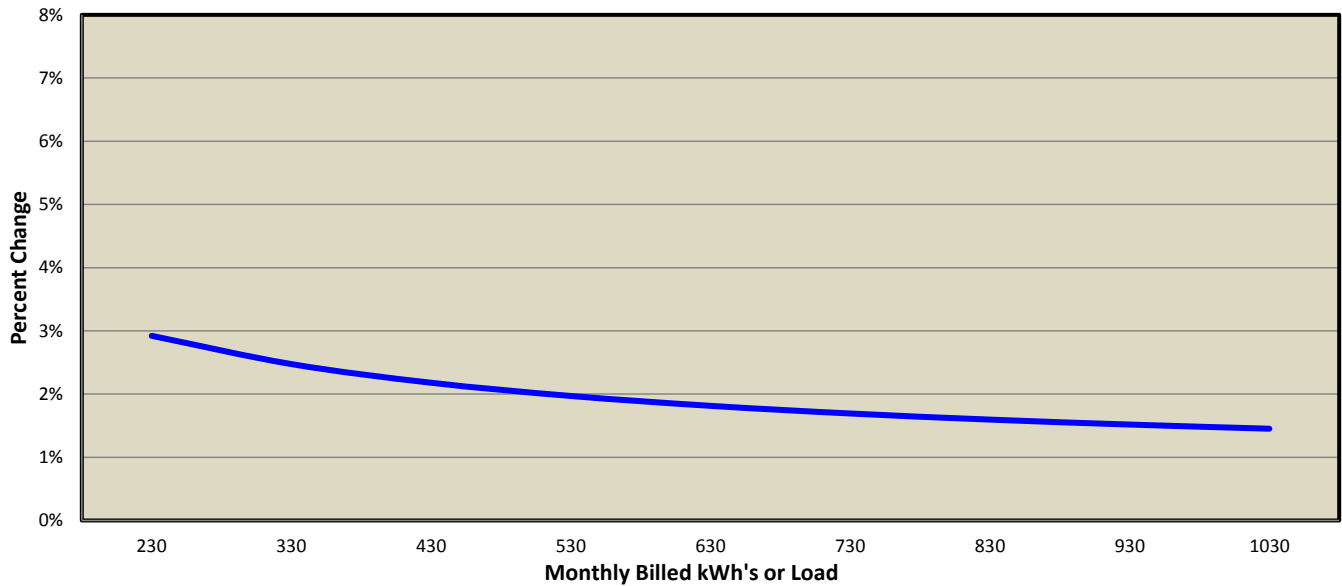
2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 16.4000	Customers #1	\$ 17.4000	Customers #1	\$ 21.44
Winter Block 1 (0 - All kWh)	\$ 0.09740	Winter Block 1 (0 - All kWh)	\$ 0.09810	Winter Energy	\$ 0.10369
Summer Block 1 (0 - All kWh)	\$ 0.11650	Summer Block 1 (0 - All kWh)	\$ 0.11740	Summer Energy	\$ 0.10448
Revenues from Current Rates	\$ 45,197,813	Revenues from Proposed Rates	\$ 46,012,940		
		Percentage Change from Current		1.80%	

Customer Bill Impacts for Residential 2016 PROPOSED RATE DESIGNS



RES 2016 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
230	\$ 38.80	\$ 39.96	\$ 1.16	2.99%
330	\$ 48.54	\$ 49.77	\$ 1.23	2.54%
430	\$ 58.28	\$ 59.58	\$ 1.30	2.23%
530	\$ 68.02	\$ 69.39	\$ 1.37	2.02%
630	\$ 77.76	\$ 79.20	\$ 1.44	1.85%
730	\$ 87.50	\$ 89.01	\$ 1.51	1.73%
830	\$ 97.24	\$ 98.82	\$ 1.58	1.63%
930	\$ 106.98	\$ 108.63	\$ 1.65	1.54%
1030	\$ 116.72	\$ 118.44	\$ 1.72	1.47%

RES 2016 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
230	\$ 43.20	\$ 44.40	\$ 1.21	2.79%	2.89%
330	\$ 54.85	\$ 56.14	\$ 1.30	2.36%	2.45%
430	\$ 66.50	\$ 67.88	\$ 1.39	2.09%	2.15%
530	\$ 78.15	\$ 79.62	\$ 1.48	1.89%	1.95%
630	\$ 89.80	\$ 91.36	\$ 1.57	1.75%	1.80%
730	\$ 101.45	\$ 103.10	\$ 1.66	1.63%	1.68%
830	\$ 113.10	\$ 114.84	\$ 1.75	1.54%	1.58%
930	\$ 124.75	\$ 126.58	\$ 1.84	1.47%	1.51%
1030	\$ 136.40	\$ 138.32	\$ 1.93	1.41%	1.44%

Rochester Public Utilities - Electric Utility

RES-DF 2016 Residential Dual Fuel

Rate RES-DF

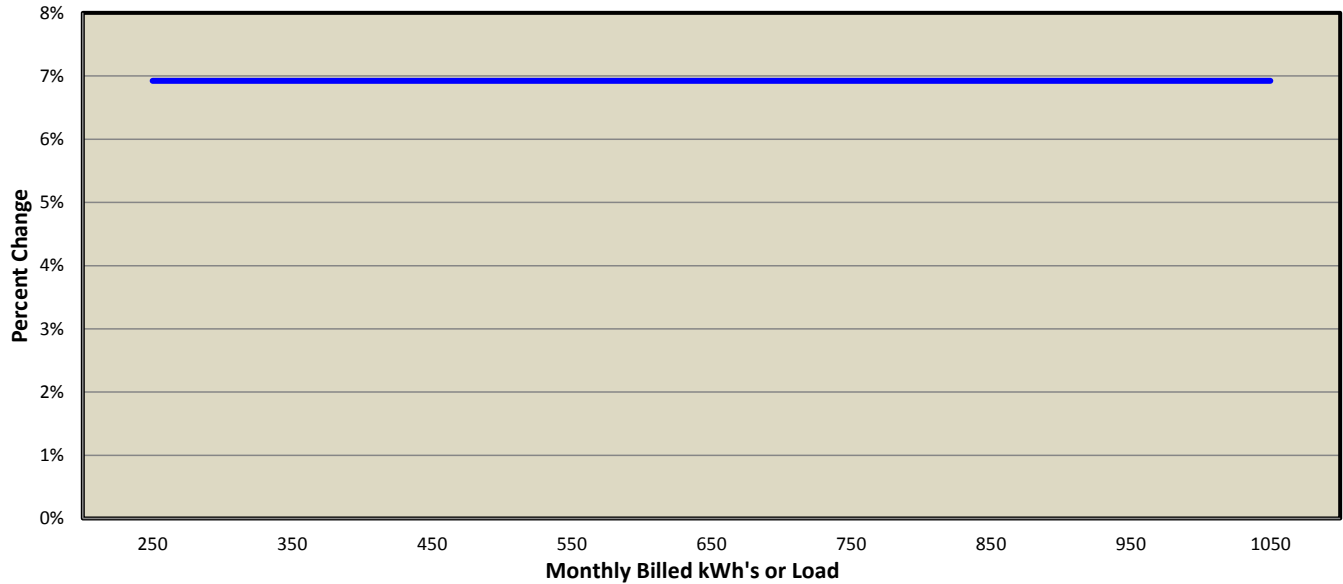
2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 21.78
Winter Block 1 (0 - All kWh)	\$ 0.0621	Winter Block 1 (0 - All kWh)	\$ 0.0664	Winter Energy	\$ 0.0905
Summer Block 1 (0 - All kWh)	\$ 0.0621	Summer Block 1 (0 - All kWh)	\$ 0.0664	Summer Energy	\$ 0.0889
Revenues from Current Rates	\$ 10,784	Revenues from Proposed Rates	\$ 11,531		
		Percentage Change from Current	6.92%		

Customer Bill Impacts for Residential Dual Fuel 2016 PROPOSED RATE DESIGNS



RES-DF 2016 Monthly Winter Bill Comparison					
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
250	\$ 15.53	\$ 16.60	\$ 1.08	6.92%	
350	\$ 21.74	\$ 23.24	\$ 1.51	6.92%	
450	\$ 27.95	\$ 29.88	\$ 1.94	6.92%	
550	\$ 34.16	\$ 36.52	\$ 2.37	6.92%	
650	\$ 40.37	\$ 43.16	\$ 2.80	6.92%	
750	\$ 46.58	\$ 49.80	\$ 3.22	6.92%	
850	\$ 52.79	\$ 56.44	\$ 3.65	6.92%	
950	\$ 59.00	\$ 63.08	\$ 4.08	6.92%	
1050	\$ 65.21	\$ 69.72	\$ 4.52	6.92%	
RES-DF 2016 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
250	\$ 15.53	\$ 16.60	\$ 1.08	6.92%	6.92%
350	\$ 21.74	\$ 23.24	\$ 1.51	6.92%	6.92%
450	\$ 27.95	\$ 29.88	\$ 1.94	6.92%	6.92%
550	\$ 34.16	\$ 36.52	\$ 2.37	6.92%	6.92%
650	\$ 40.37	\$ 43.16	\$ 2.80	6.92%	6.92%
750	\$ 46.58	\$ 49.80	\$ 3.22	6.92%	6.92%
850	\$ 52.79	\$ 56.44	\$ 3.65	6.92%	6.92%
950	\$ 59.00	\$ 63.08	\$ 4.08	6.92%	6.92%
1050	\$ 65.21	\$ 69.72	\$ 4.52	6.92%	6.92%

Rochester Public Utilities - Electric Utility

RESELGEO 2016 Residential High Efficiency HVAC

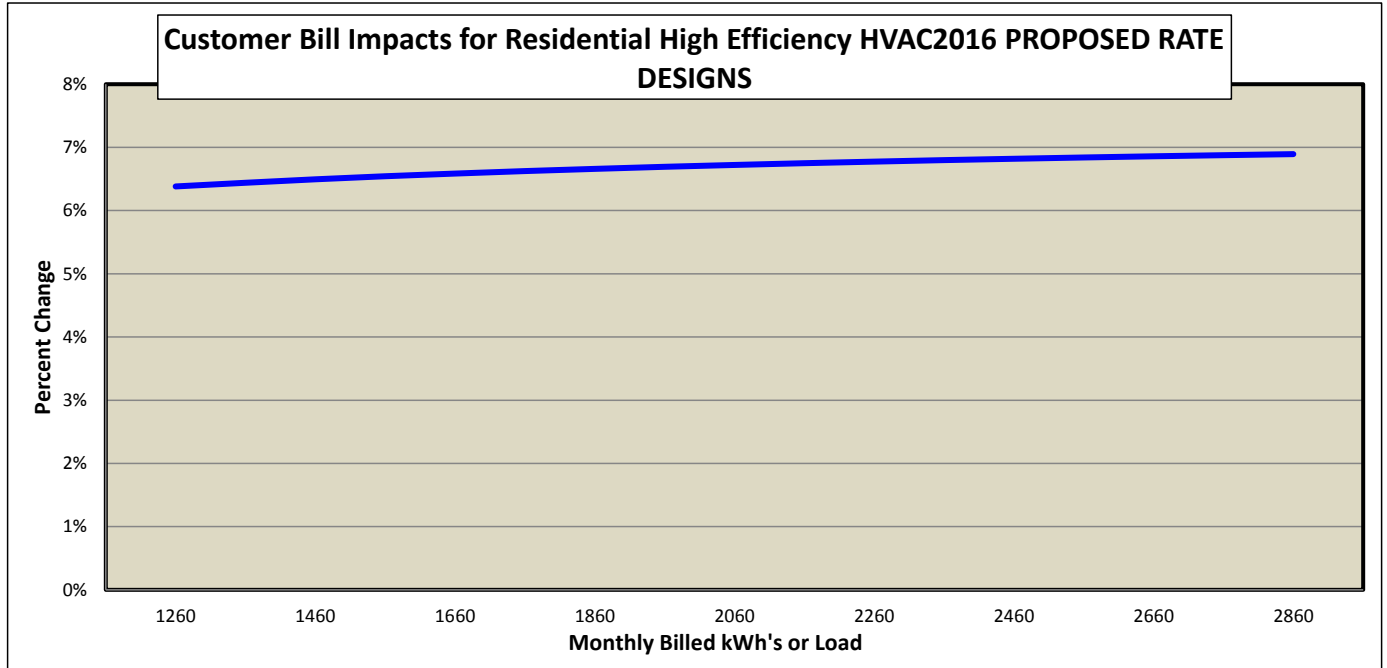
Rate RESELGEO

2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 16.4000	Customers #1	\$ 17.4000	Customers #1	\$ 41.8313
Winter Block 1 (0 - 600 kWh)	\$ 0.0990	Winter Block 1 (0 - 600 kWh)	\$ 0.1053	Winter Energy	\$ 0.1021
Winter Block 2 (601 - Excess kWh)	\$ 0.0648	Winter Block 2 (600 - Excess kWh)	\$ 0.0715		\$ -
Summer Block 1 (0 - all kWh)	\$ 0.1200	Summer Block 1 (0 - all kWh)	\$ 0.1251	Summer Energy	\$ 0.1035
Revenues from Current Rates	\$ 137,070	Revenues from Proposed Rates	\$ 146,651		
		Percentage Change from Current	6.99%		



RESELGEO 2016 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
1260	\$ 118.57	\$ 127.77	\$ 9.20	7.76%
1460	\$ 131.53	\$ 142.07	\$ 10.54	8.02%
1660	\$ 144.49	\$ 156.37	\$ 11.88	8.22%
1860	\$ 157.45	\$ 170.67	\$ 13.22	8.40%
2060	\$ 170.41	\$ 184.97	\$ 14.56	8.55%
2260	\$ 183.37	\$ 199.27	\$ 15.90	8.67%
2460	\$ 196.33	\$ 213.57	\$ 17.24	8.78%
2660	\$ 209.29	\$ 227.87	\$ 18.58	8.88%
2860	\$ 222.25	\$ 242.17	\$ 19.92	8.96%

RESELGEO 2016 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
1260	\$ 167.60	\$ 175.03	\$ 7.43	4.43%	5.81%
1460	\$ 191.60	\$ 200.05	\$ 8.45	4.41%	5.88%
1660	\$ 215.60	\$ 225.07	\$ 9.47	4.39%	5.93%
1860	\$ 239.60	\$ 250.09	\$ 10.49	4.38%	5.97%
2060	\$ 263.60	\$ 275.11	\$ 11.51	4.36%	6.01%
2260	\$ 287.60	\$ 300.13	\$ 12.53	4.36%	6.04%
2460	\$ 311.60	\$ 325.15	\$ 13.55	4.35%	6.06%
2660	\$ 335.60	\$ 350.17	\$ 14.57	4.34%	6.08%
2860	\$ 359.60	\$ 375.19	\$ 15.59	4.33%	6.10%

Rochester Public Utilities - Electric Utility

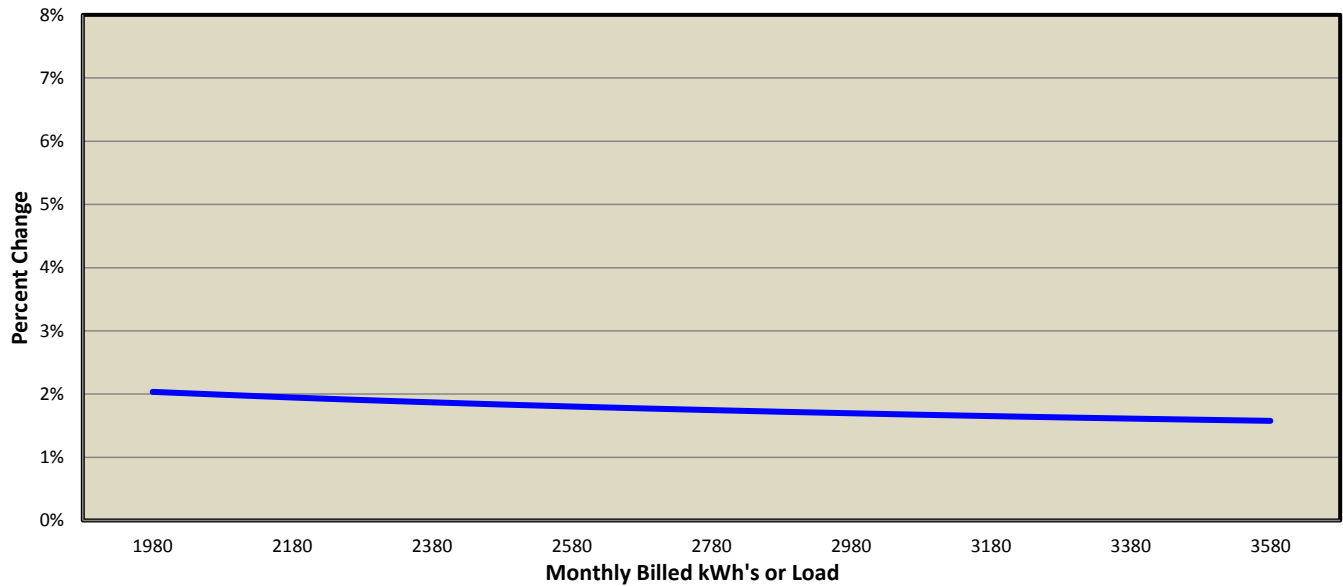
GS 2016 Small General Service
Rate GS
2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 33.0000	Customers #1	\$ 36.0000	Customers #1	\$ 43.65
Winter Block 1 (0 - All kWh)	\$ 0.0982	Winter Block 1 (0 - All kWh)	\$ 0.0994	Winter Energy	\$ 0.1049
Summer Block 1 (0 - All kWh)	\$ 0.1195	Summer Block 1 (0 - All kWh)	\$ 0.1200	Summer Energy	\$ 0.1097
Revenues from Current Rates	\$ 17,219,208	Revenues from Proposed Rates	\$ 17,512,142		
		Percentage Change from Current	1.70%		

Customer Bill Impacts for Small General Service 2016 PROPOSED RATE DESIGNS



GS 2016 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
1980	\$ 227.44	\$ 232.81	\$ 5.38	2.36%
2180	\$ 247.08	\$ 252.69	\$ 5.62	2.27%
2380	\$ 266.72	\$ 272.57	\$ 5.86	2.20%
2580	\$ 286.36	\$ 292.45	\$ 6.10	2.13%
2780	\$ 306.00	\$ 312.33	\$ 6.34	2.07%
2980	\$ 325.64	\$ 332.21	\$ 6.58	2.02%
3180	\$ 345.28	\$ 352.09	\$ 6.82	1.97%
3380	\$ 364.92	\$ 371.97	\$ 7.06	1.93%
3580	\$ 384.56	\$ 391.85	\$ 7.30	1.90%

GS 2016 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
1980	\$ 269.61	\$ 273.60	\$ 3.99	1.48%	1.88%
2180	\$ 293.51	\$ 297.60	\$ 4.09	1.39%	1.80%
2380	\$ 317.41	\$ 321.60	\$ 4.19	1.32%	1.72%
2580	\$ 341.31	\$ 345.60	\$ 4.29	1.26%	1.65%
2780	\$ 365.21	\$ 369.60	\$ 4.39	1.20%	1.60%
2980	\$ 389.11	\$ 393.60	\$ 4.49	1.15%	1.55%
3180	\$ 413.01	\$ 417.60	\$ 4.59	1.11%	1.50%
3380	\$ 436.91	\$ 441.60	\$ 4.69	1.07%	1.46%
3580	\$ 460.81	\$ 465.60	\$ 4.79	1.04%	1.43%

Rochester Public Utilities - Electric Utility

Prepared by:

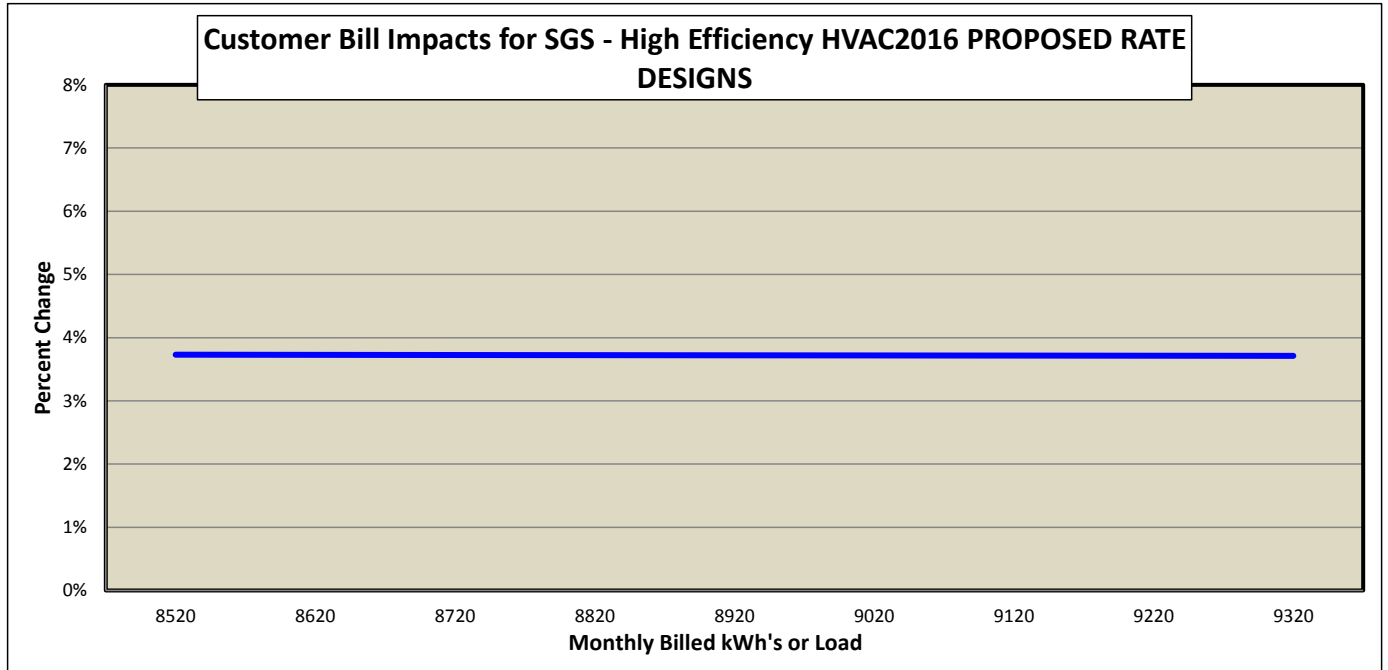
GS-HEF 2016 SGS - High Efficiency HVAC

Rate GS-HEF

2016 PROPOSED RATE DESIGNS



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 33.0000	Customers #1	\$ 36.0000	Customers #1	\$ 45.32
Winter Block 1 (0 - All kWh)	\$ 0.0813	Winter Block 1 (0 - All kWh)	\$ 0.0860	Winter Energy	\$ 0.1034
Summer Block 1 (0 - All kWh)	\$ 0.1195	Summer Block 1 (0 - All kWh)	\$ 0.1200	Summer Energy	\$ 0.1083
Revenues from Current Rates	\$ 52,950	Revenues from Proposed Rates	\$ 54,885		
		Percentage Change from Current	3.65%		



GS-HEF 2016 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
8520	\$ 725.68	\$ 768.72	\$ 43.04	5.93%
8620	\$ 733.81	\$ 777.32	\$ 43.51	5.93%
8720	\$ 741.94	\$ 785.92	\$ 43.98	5.93%
8820	\$ 750.07	\$ 794.52	\$ 44.45	5.93%
8920	\$ 758.20	\$ 803.12	\$ 44.92	5.93%
9020	\$ 766.33	\$ 811.72	\$ 45.39	5.92%
9120	\$ 774.46	\$ 820.32	\$ 45.86	5.92%
9220	\$ 782.59	\$ 828.92	\$ 46.33	5.92%
9320	\$ 790.72	\$ 837.52	\$ 46.80	5.92%

GS-HEF 2016 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
8520	\$ 1,051.14	\$ 1,058.40	\$ 7.26	0.69%	2.83%
8620	\$ 1,063.09	\$ 1,070.40	\$ 7.31	0.69%	2.83%
8720	\$ 1,075.04	\$ 1,082.40	\$ 7.36	0.68%	2.83%
8820	\$ 1,086.99	\$ 1,094.40	\$ 7.41	0.68%	2.82%
8920	\$ 1,098.94	\$ 1,106.40	\$ 7.46	0.68%	2.82%
9020	\$ 1,110.89	\$ 1,118.40	\$ 7.51	0.68%	2.82%
9120	\$ 1,122.84	\$ 1,130.40	\$ 7.56	0.67%	2.82%
9220	\$ 1,134.79	\$ 1,142.40	\$ 7.61	0.67%	2.81%
9320	\$ 1,146.74	\$ 1,154.40	\$ 7.66	0.67%	2.81%

Rochester Public Utilities - Electric Utility

MGS 2016 Medium General Service

Rate MGS

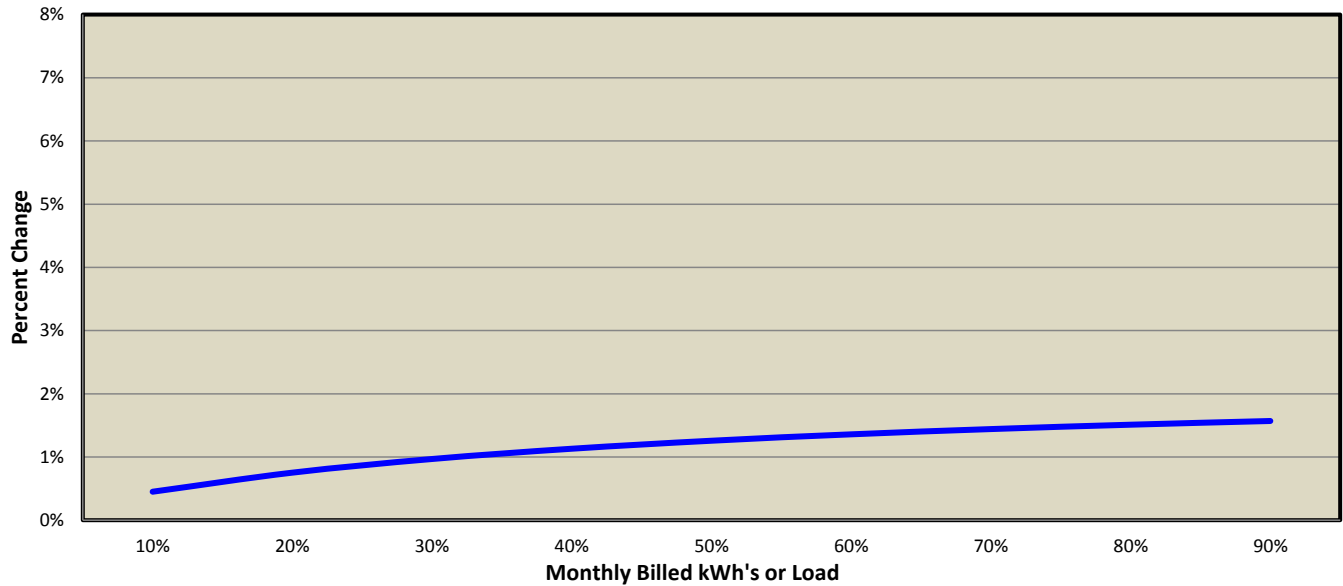
2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 135.69
Winter Block 1 (0 - All kWh)	\$ 0.0571	Winter Block 1 (0 - All kWh)	\$ 0.0584	Winter Energy	\$ 0.0576
Summer Block 1 (0 - All kWh)	\$ 0.0571	Summer Block 1 (0 - All kWh)	\$ 0.0584	Summer Energy	\$ 0.0552
Winter Block 1 (0 - all kW)	\$ 15.5200	Winter Block 1 (0 - all kW)	\$ 15.5200	Winter Demand	\$ 13.78
Summer Block 1 (0 - all kW)	\$ 19.6700	Summer Block 1 (0 - all kW)	\$ 19.6700	Summer Demand	\$ 15.68
Revenues from Current Rates	\$ 31,118,228	Revenues from Proposed Rates	\$ 31,516,315		
		Percentage Change from Current	1.28%		

Customer Bill Impacts for Medium General Service 2016 PROPOSED RATE DESIGNS



MGS 2016 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 3,973.47	\$ 3,992.62	\$ 19.15	0.48%
20%	\$ 4,815.12	\$ 4,853.44	\$ 38.31	0.80%
30%	\$ 5,656.21	\$ 5,713.67	\$ 57.46	1.02%
40%	\$ 6,497.29	\$ 6,573.90	\$ 76.61	1.18%
50%	\$ 7,338.94	\$ 7,434.72	\$ 95.77	1.30%
60%	\$ 8,180.03	\$ 8,294.95	\$ 114.92	1.40%
70%	\$ 9,021.11	\$ 9,155.18	\$ 134.07	1.49%
80%	\$ 9,862.76	\$ 10,016.00	\$ 153.23	1.55%
90%	\$ 10,703.85	\$ 10,876.23	\$ 172.38	1.61%

MGS 2016 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 4,811.06	\$ 4,830.21	\$ 19.15	0.40%	0.44%
20%	\$ 5,652.71	\$ 5,691.03	\$ 38.31	0.68%	0.73%
30%	\$ 6,493.80	\$ 6,551.26	\$ 57.46	0.88%	0.95%
40%	\$ 7,334.88	\$ 7,411.49	\$ 76.61	1.04%	1.11%
50%	\$ 8,176.53	\$ 8,272.31	\$ 95.77	1.17%	1.23%
60%	\$ 9,017.62	\$ 9,132.54	\$ 114.92	1.27%	1.34%
70%	\$ 9,858.70	\$ 9,992.77	\$ 134.07	1.36%	1.42%
80%	\$ 10,700.35	\$ 10,853.59	\$ 153.23	1.43%	1.49%
90%	\$ 11,541.44	\$ 11,713.82	\$ 172.38	1.49%	1.55%

Rochester Public Utilities - Electric Utility

MGS-HEF 2016 MGS - High Efficiency HVAC

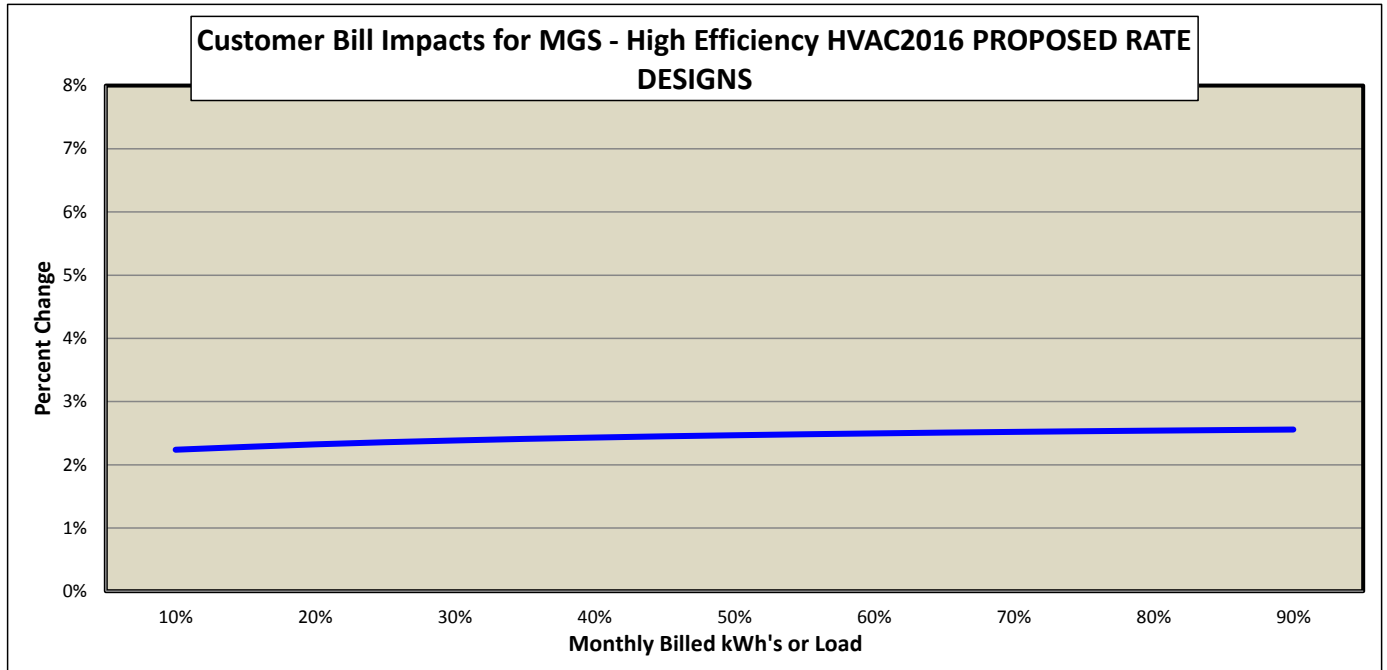
Rate MGS-HEF

2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 130.16
Winter Block 1 (0 - All kWh)	\$ 0.0465	Winter Block 1 (0 - All kWh)	\$ 0.0478	Winter Energy	\$ 0.0563
Summer Block 1 (0 - All kWh)	\$ 0.0553	Summer Block 1 (0 - All kWh)	\$ 0.0568	Summer Energy	\$ 0.0537
Winter Block 1 (0 - All kW)	\$ 12.8500	Winter Block 1 (0 - All kW)	\$ 13.2000	Winter Demand	\$ 14.91
Summer Block 1 (0 - All kW)	\$ 19.7400	Summer Block 1 (0 - All kW)	\$ 20.0000	Summer Demand	\$ 14.50
Revenues from Current Rates	\$ 179,115	Revenues from Proposed Rates	\$ 183,574		
		Percentage Change from Current	2.49%		



MGS-HEF 2016 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 1,783.29	\$ 1,832.13	\$ 48.84	2.74%
20%	\$ 2,156.22	\$ 2,215.48	\$ 59.27	2.75%
30%	\$ 2,528.68	\$ 2,598.36	\$ 69.68	2.76%
40%	\$ 2,901.61	\$ 2,981.72	\$ 80.11	2.76%
50%	\$ 3,274.08	\$ 3,364.60	\$ 90.52	2.76%
60%	\$ 3,647.01	\$ 3,747.95	\$ 100.94	2.77%
70%	\$ 4,019.47	\$ 4,130.83	\$ 111.36	2.77%
80%	\$ 4,392.40	\$ 4,514.19	\$ 121.78	2.77%
90%	\$ 4,764.87	\$ 4,897.06	\$ 132.20	2.77%

MGS-HEF 2016 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 2,610.24	\$ 2,650.80	\$ 40.56	1.55%	2.03%
20%	\$ 3,053.75	\$ 3,106.34	\$ 52.59	1.72%	2.15%
30%	\$ 3,496.70	\$ 3,561.31	\$ 64.61	1.85%	2.23%
40%	\$ 3,940.21	\$ 4,016.84	\$ 76.64	1.94%	2.29%
50%	\$ 4,383.16	\$ 4,471.81	\$ 88.65	2.02%	2.34%
60%	\$ 4,826.66	\$ 4,927.35	\$ 100.68	2.09%	2.38%
70%	\$ 5,269.62	\$ 5,382.31	\$ 112.70	2.14%	2.41%
80%	\$ 5,713.12	\$ 5,837.85	\$ 124.73	2.18%	2.44%
90%	\$ 6,156.08	\$ 6,292.82	\$ 136.74	2.22%	2.46%

Rochester Public Utilities - Electric Utility

MGS-TOU 2016 MGS - Time-of-Use

Rate MGS-TOU

2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 136.45
Winter Block 1 (0 - All kWh)	\$ 0.0571	Winter Block 1 (0 - All kWh)	\$ 0.0584	Winter Energy	\$ 0.0563
Summer Block 1 (0 - All kWh)	\$ 0.0571	Summer Block 1 (0 - All kWh)	\$ 0.0584	Summer Energy	\$ 0.0540
Off Peak Winter (- KW)	\$ 1.8960	Off Peak Winter (- KW)	\$ 1.8960		
On Peak Winter (- KW)	\$ 15.5200	On Peak Winter (- KW)	\$ 15.5200		
Off Peak Summer (- KW)	\$ 1.8960	Off Peak Summer (- KW)	\$ 1.8960		
On Peak Summer (- KW)	\$ 19.6700	On Peak Summer (- KW)	\$ 19.6700		
Revenues from Current Rates	\$ 1,975,005	Revenues from Proposed Rates	\$ 1,997,390		
		Percentage Change from Current	1.13%		

Rochester Public Utilities - Electric Utility

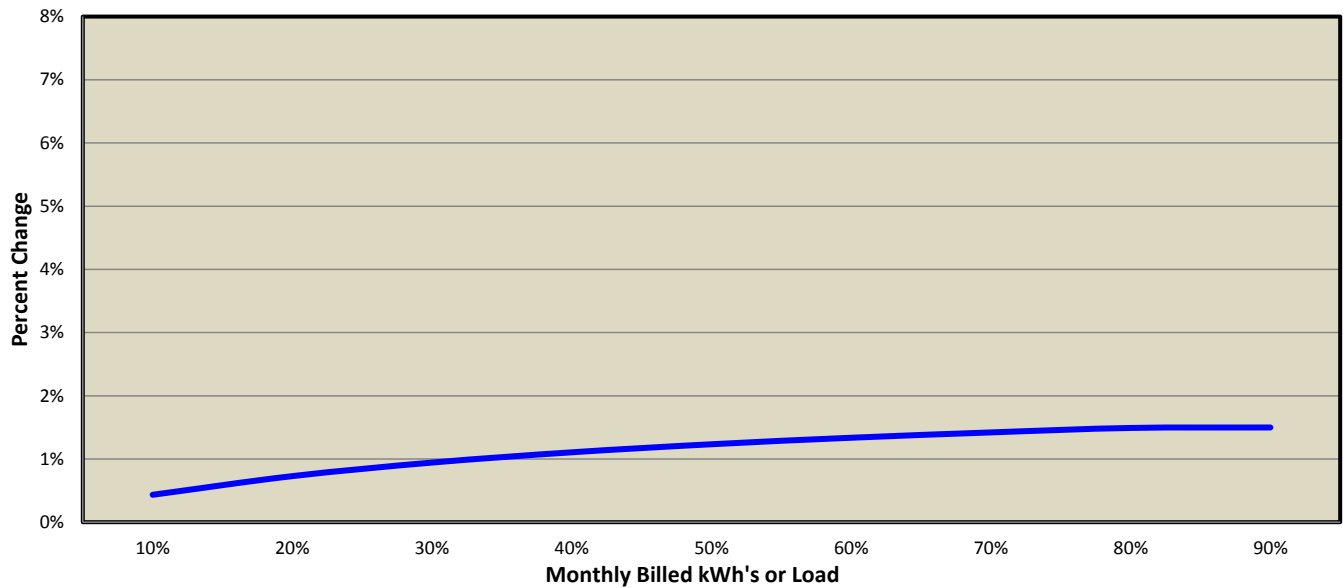
LGS 2016 Large General Service
 Rate LGS
2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 310.03
Winter Block 1 (0 - All kWh)	\$ 0.0568	Winter Block 1 (0 - All kWh)	\$ 0.0581	Winter Energy	\$ 0.0563
Summer Block 1 (0 - All kWh)	\$ 0.0568	Summer Block 1 (0 - All kWh)	\$ 0.0581	Summer Energy	\$ 0.0539
Winter Block 1 (0 - All kW)	\$ 17.7500	Winter Block 1 (0 - All kW)	\$ 17.7500	Winter Demand	\$ 14.65
Summer Block 1 (0 - All kW)	\$ 17.7500	Summer Block 1 (0 - All kW)	\$ 17.7500	Summer Demand	\$ 17.29
Revenues from Current Rates	\$ 10,771,426	Revenues from Proposed Rates	\$ 10,906,098		
		Percentage Change from Current	1.25%		

Customer Bill Impacts for Large General Service 2016 PROPOSED RATE DESIGNS



LGS 2016 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 36,966.47	\$ 37,126.74	\$ 160.27	0.43%
20%	\$ 43,966.50	\$ 44,286.98	\$ 320.48	0.73%
30%	\$ 50,967.10	\$ 51,447.81	\$ 480.71	0.94%
40%	\$ 57,967.13	\$ 58,608.05	\$ 640.92	1.11%
50%	\$ 64,967.17	\$ 65,768.30	\$ 801.13	1.23%
60%	\$ 71,967.20	\$ 72,928.54	\$ 961.34	1.34%
70%	\$ 78,967.80	\$ 80,089.37	\$ 1,121.57	1.42%
80%	\$ 85,967.83	\$ 87,249.61	\$ 1,281.78	1.49%
90%	\$ 86,766.44	\$ 88,066.50	\$ 1,300.06	1.50%

LGS 2016 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 36,966.47	\$ 37,126.74	\$ 160.27	0.43%	0.43%
20%	\$ 43,966.50	\$ 44,286.98	\$ 320.48	0.73%	0.73%
30%	\$ 50,967.10	\$ 51,447.81	\$ 480.71	0.94%	0.94%
40%	\$ 57,967.13	\$ 58,608.05	\$ 640.92	1.11%	1.11%
50%	\$ 64,967.17	\$ 65,768.30	\$ 801.13	1.23%	1.23%
60%	\$ 71,967.20	\$ 72,928.54	\$ 961.34	1.34%	1.34%
70%	\$ 78,967.80	\$ 80,089.37	\$ 1,121.57	1.42%	1.42%
80%	\$ 85,967.83	\$ 87,249.61	\$ 1,281.78	1.49%	1.49%
90%	\$ 86,766.44	\$ 88,066.50	\$ 1,300.06	1.50%	1.50%

Rochester Public Utilities - Electric Utility

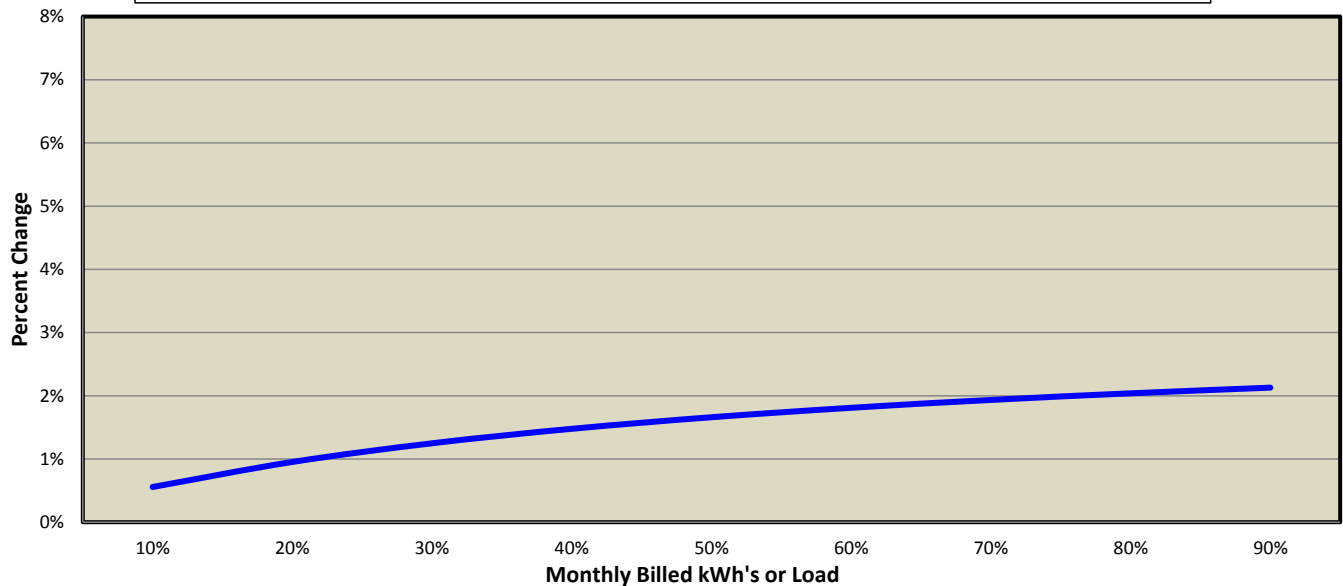
LIS 2016 Large Industrial Service
 Rate LIS
2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 1,833.55
Winter Block 1 (0 - All kWh)	\$ 0.0517	Winter Block 1 (0 - All kWh)	\$ 0.0534	Winter Energy	\$ 0.0563
Summer Block 1 (0 - All kWh)	\$ 0.0517	Summer Block 1 (0 - All kWh)	\$ 0.0534	Summer Energy	\$ 0.0539
Winter Block 1 (0 - All kW)	\$ 18.5000	Winter Block 1 (0 - All kW)	\$ 18.5000	Winter Demand	\$ 18.18
Summer Block 1 (0 - All kW)	\$ 18.5000	Summer Block 1 (0 - All kW)	\$ 18.5000	Summer Demand	\$ 18.96
Revenues from Current Rates	\$ 21,602,500	Revenues from Proposed Rates	\$ 22,018,209		
		Percentage Change from Current	1.92%		

Customer Bill Impacts for Large Industrial Service 2016 PROPOSED RATE DESIGNS



LIS 2016 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 446,830.07	\$ 449,319.59	\$ 2,489.51	0.56%
20%	\$ 522,540.59	\$ 527,519.61	\$ 4,979.03	0.95%
30%	\$ 598,250.58	\$ 605,719.11	\$ 7,468.53	1.25%
40%	\$ 673,961.10	\$ 683,919.14	\$ 9,958.04	1.48%
50%	\$ 749,671.61	\$ 762,119.16	\$ 12,447.55	1.66%
60%	\$ 825,382.13	\$ 840,319.19	\$ 14,937.07	1.81%
70%	\$ 901,092.12	\$ 918,518.69	\$ 17,426.56	1.93%
80%	\$ 976,802.64	\$ 996,718.71	\$ 19,916.08	2.04%
90%	\$ 1,052,513.15	\$ 1,074,918.74	\$ 22,405.59	2.13%

LIS 2016 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 446,830.07	\$ 449,319.59	\$ 2,489.51	0.56%	0.56%
20%	\$ 522,540.59	\$ 527,519.61	\$ 4,979.03	0.95%	0.95%
30%	\$ 598,250.58	\$ 605,719.11	\$ 7,468.53	1.25%	1.25%
40%	\$ 673,961.10	\$ 683,919.14	\$ 9,958.04	1.48%	1.48%
50%	\$ 749,671.61	\$ 762,119.16	\$ 12,447.55	1.66%	1.66%
60%	\$ 825,382.13	\$ 840,319.19	\$ 14,937.07	1.81%	1.81%
70%	\$ 901,092.12	\$ 918,518.69	\$ 17,426.56	1.93%	1.93%
80%	\$ 976,802.64	\$ 996,718.71	\$ 19,916.08	2.04%	2.04%
90%	\$ 1,052,513.15	\$ 1,074,918.74	\$ 22,405.59	2.13%	2.13%

Rochester Public Utilities - Electric Utility

INTR 2016 Interruptible Service

Rate INTR

2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 177.50
MGS	\$ 0.0571	MGS	\$ 0.0590	Winter Energy	\$ 0.0563
LGS	\$ 0.0568	LGS	\$ 0.0588	Summer Energy	\$ 0.0539
LIS	\$ 0.0517	LIS	\$ 0.0535	Winter Demand	\$ 13.20
MGS Demand (- 7.623 kW)	\$ 8.1000	MGS Demand (- 7.623 kW)	\$ 8.4100	Summer Demand	\$ 14.08
LGS Demand (- 8.26 kW)	\$ 8.8000	LGS Demand (- 8.26 kW)	\$ 9.1300		
LIS Demand (- 8.55 kW)	\$ 9.1000	LIS Demand (- 8.55 kW)	\$ 9.4500		
Revenues from Current Rates	\$ 4,917,673	Revenues from Proposed Rates	\$ 5,093,088		
		Percentage Change from Current	3.57%		

Rochester Public Utilities - Electric Utility

Prepared by:

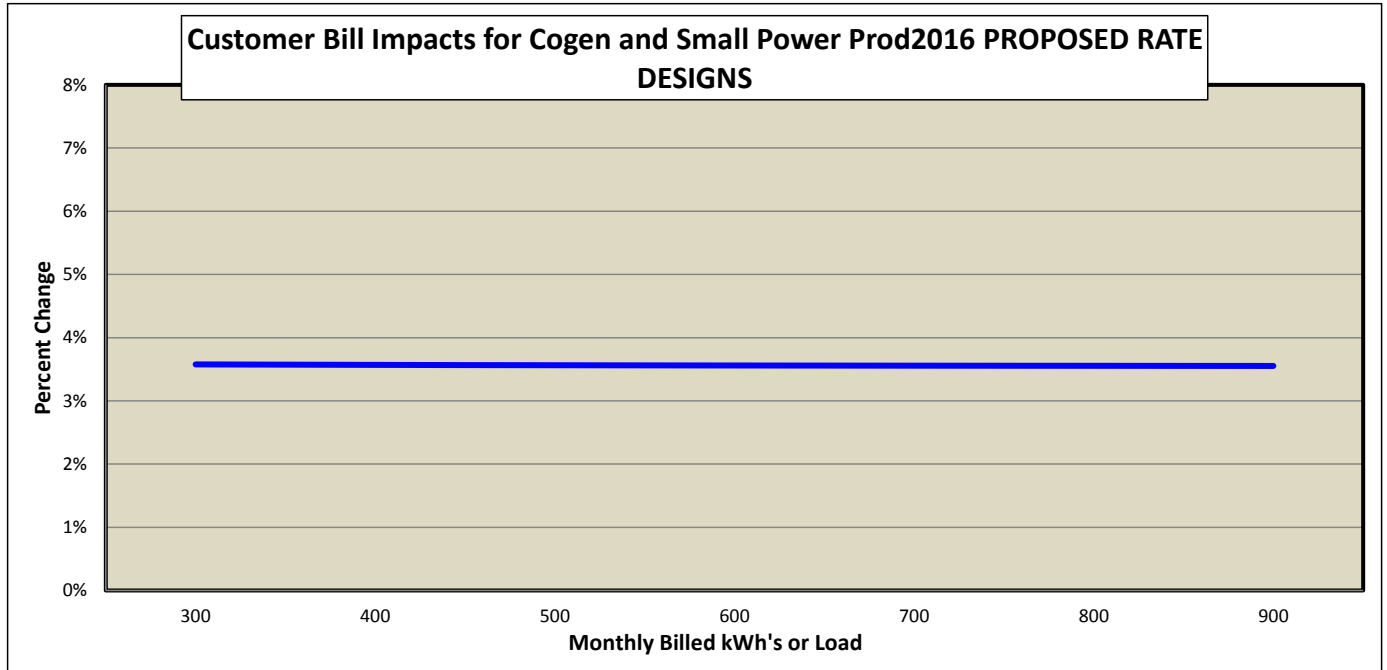
COGEN 2016 Cogen and Small Power Prod

Rate COGEN

2016 PROPOSED RATE DESIGNS



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 16.4000	Customers #1	\$ 17.0000	Customers #1	\$ 38.41
Winter Block 1 (0 - All kWh)	\$ 0.0974	Winter Block 1 (0 - All kWh)	\$ 0.1019	Winter Energy	\$ 0.0465
Summer Block 1 (0 - All kWh)	\$ 0.1165	Summer Block 1 (0 - All kWh)	\$ 0.1185	Summer Energy	\$ 0.0442
Revenues from Current Rates	\$ 10,602	Revenues from Proposed Rates	\$ 10,995		
		Percentage Change from Current	3.71%		



COGEN 2016 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
100	\$ 26.14	\$ 27.19	\$ 1.05	4.02%
200	\$ 35.88	\$ 37.38	\$ 1.50	4.18%
300	\$ 45.62	\$ 47.57	\$ 1.95	4.27%
400	\$ 55.36	\$ 57.76	\$ 2.40	4.34%
500	\$ 65.10	\$ 67.95	\$ 2.85	4.38%
600	\$ 74.84	\$ 78.14	\$ 3.30	4.41%
700	\$ 84.58	\$ 88.33	\$ 3.75	4.43%
800	\$ 94.32	\$ 98.52	\$ 4.20	4.45%
900	\$ 104.06	\$ 108.71	\$ 4.65	4.47%

COGEN 2016 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
100	\$ 28.05	\$ 28.85	\$ 0.80	2.85%	3.41%
200	\$ 39.70	\$ 40.70	\$ 1.00	2.52%	3.31%
300	\$ 51.35	\$ 52.55	\$ 1.20	2.34%	3.25%
400	\$ 63.00	\$ 64.40	\$ 1.40	2.22%	3.21%
500	\$ 74.65	\$ 76.25	\$ 1.60	2.14%	3.18%
600	\$ 86.30	\$ 88.10	\$ 1.80	2.09%	3.16%
700	\$ 97.95	\$ 99.95	\$ 2.00	2.04%	3.15%
800	\$ 109.60	\$ 111.80	\$ 2.20	2.01%	3.14%
900	\$ 121.25	\$ 123.65	\$ 2.40	1.98%	3.13%

Rochester Public Utilities - Electric Utility

MUNI 2016 Interdepartmental

Rate MUNI

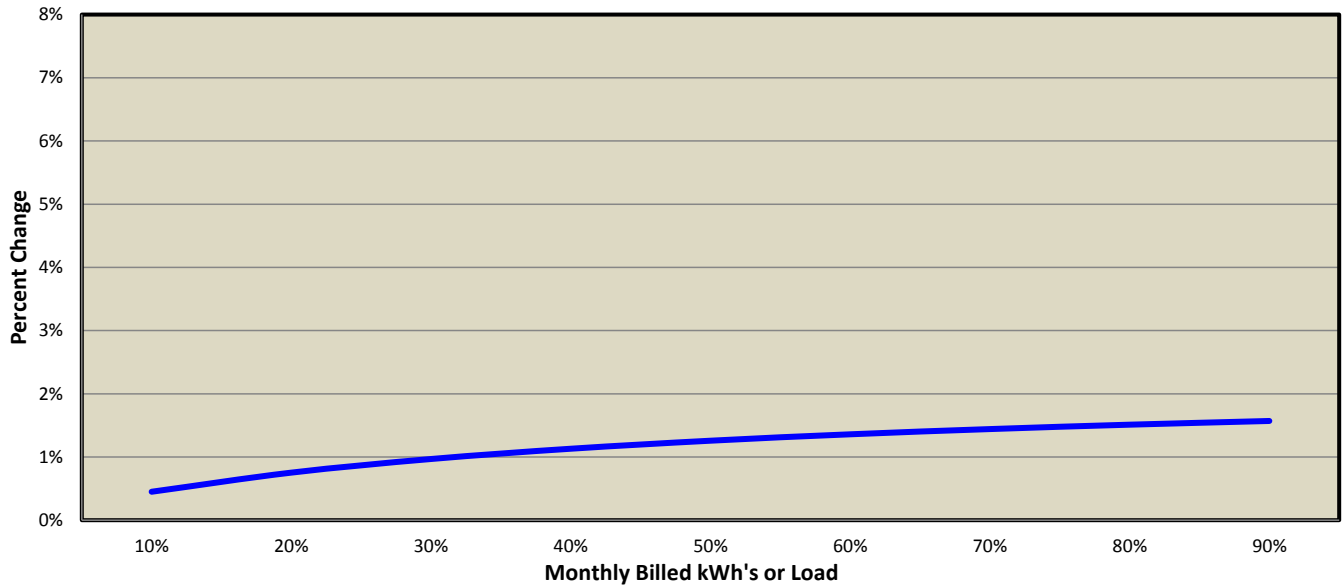
2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 84.56
Winter Block 1 (0 - All kWh)	\$ 0.0571	Winter Block 1 (0 - All kWh)	\$ 0.05840	Winter Energy	\$ 0.0563
Summer Block 1 (0 - All kWh)	\$ 0.0571	Summer Block 1 (0 - All kWh)	\$ 0.05840	Summer Energy	\$ 0.0539
Winter Block 1 (0 - All kW)	\$ 15.5200	Winter Block 1 (0 - All kW)	\$ 15.52000	Winter Demand	\$ 11.63
Summer Block 1 (0 - All kW)	\$ 19.6700	Summer Block 1 (0 - All kW)	\$ 19.67000	Summer Demand	\$ 16.20
Revenues from Current Rates	\$ 984,040	Revenues from Proposed Rates	\$ 995,381		
		Percentage Change from Current	1.15%		

Customer Bill Impacts for Interdepartmental 2016 PROPOSED RATE DESIGNS



MUNI 2016 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 669.53	\$ 672.75	\$ 3.22	0.48%
20%	\$ 811.71	\$ 818.17	\$ 6.46	0.80%
30%	\$ 953.32	\$ 963.00	\$ 9.69	1.02%
40%	\$ 1,094.92	\$ 1,107.83	\$ 12.91	1.18%
50%	\$ 1,237.10	\$ 1,253.25	\$ 16.15	1.31%
60%	\$ 1,378.71	\$ 1,398.08	\$ 19.37	1.40%
70%	\$ 1,520.32	\$ 1,542.91	\$ 22.59	1.49%
80%	\$ 1,662.50	\$ 1,688.33	\$ 25.83	1.55%
90%	\$ 1,804.11	\$ 1,833.16	\$ 29.06	1.61%

MUNI 2016 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 810.69	\$ 813.92	\$ 3.22	0.40%	0.44%
20%	\$ 952.87	\$ 959.33	\$ 6.46	0.68%	0.73%
30%	\$ 1,094.48	\$ 1,104.16	\$ 9.68	0.88%	0.95%
40%	\$ 1,236.09	\$ 1,249.00	\$ 12.91	1.04%	1.11%
50%	\$ 1,378.27	\$ 1,394.41	\$ 16.15	1.17%	1.23%
60%	\$ 1,519.87	\$ 1,539.24	\$ 19.37	1.27%	1.34%
70%	\$ 1,661.48	\$ 1,684.08	\$ 22.59	1.36%	1.42%
80%	\$ 1,803.66	\$ 1,829.49	\$ 25.83	1.43%	1.49%
90%	\$ 1,945.27	\$ 1,974.32	\$ 29.06	1.49%	1.55%

Rochester Public Utilities - Electric Utility

CDS 2016 Civil Defense Sirens

25

2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Fixed c	\$ 15.5900	Fixed c	\$ 15.7900	Fixed c	\$ 14.20
Revenues from Current Rates	\$ 9,049	Revenues from Proposed Rates	\$ 9,165		
		Percentage Change from Current	1.28%		

Rochester Public Utilities - Electric Utility
City Street Lights

Prepared by:



	No. of Lights	2015 Rate	Proposed Rate 2016	Current Revenues	Proposed Revenues
Muni 250W MV	6	\$ 21.82	\$ 22.04	\$ 1,571	\$ 1,587
Muni 400W MV	7	34.92	35.27	2,933	2,962
Muni 175W MH	34	15.58	16.05	6,356	6,547
Muni 250W MH	44	22.26	22.92	11,751	12,104
Muni 25W LED	1	3.23	3.85	39	46
Muni 35W LED	1	4.53	5.39	54	65
Muni 45W LED	81	5.07	6.03	4,926	5,862
Muni 55W LED	11	5.40	6.43	713	849
Muni 65W LED	40	7.23	8.60	3,470	4,129
Muni 75W LED	454	7.56	9.00	41,202	49,030
Muni 85W LED	1	8.75	10.41	105	125
Muni 95W LED	1	10.80	12.86	130	154
Muni 100W LED	3	16.95	20.17	610	726
Muni 157W LED	46	16.95	20.17	9,357	11,135
Muni 175W LED	7	18.91	22.50	1,588	1,890
Muni 100W HPS	6560	8.73	8.82	687,195	694,067
Muni 150W HPS	8	13.09	13.23	1,257	1,270
Muni 250W HPS	1370	21.82	22.04	358,787	362,375
Muni 400W HPS	182	34.92	35.27	76,262	77,025
Muni 100W HPS	14	8.73	8.82	1,467	1,481
Total				\$ 1,209,774	\$ 1,233,429
Adjustment					2.0%

Rochester Public Utilities - Electric Utility

SL 2016 Security Lighting
various

2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS		
V (105 kWh's per Lamp)	\$ 12.5500	Summer Block 5 (0 - kWh's KW)	\$ 12.700	
	\$ -		\$ -	
175 W MV (74 kWh's per Lamp)	\$ 9.9000	175 W MV (74 kWh's per Lamp)	\$ 10.300	
400 W MV (168 kWh's per Lamp)	\$ 16.6000	400 W MV (168 kWh's per Lamp)	\$ 17.500	
70 W HPS (29 kWh's per Lamp)	\$ 9.0900	70 W HPS (29 kWh's per Lamp)	\$ 9.090	
	\$ -		\$ -	
100 W HPS (41 kWh's per Lamp)	\$ 10.8200	100 W HPS (41 kWh's per Lamp)	\$ 10.820	
250 W HPS (103 kWh's per Lamp)	\$ 15.1900	250 W HPS (103 kWh's per Lamp)	\$ 15.190	
400 W HPS (165 kWh's per Lamp)	\$ 18.9000	400 W HPS (165 kWh's per Lamp)	\$ 19.800	
	\$ -		\$ -	
150 W HPS Roadway (62 kWh's per Lamp)	\$ 12.0500	150 W HPS Roadway (62 kWh's per Lamp)	\$ 12.050	
250(x2) W HPS & Concrete Pole (- per La	\$ -	250(x2) W HPS & Concrete Pole (- per La	\$ -	
Revenues from Current Rates	\$ 212,364	Revenues from Proposed Rates	\$ 214,685	
		Percentage Change from Current	1.09%	

Rochester Public Utilities - Electric Utility

TS 2016 Traffic Signals
various

2016 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2016 PROPOSED RATE DESIGNS	
Monthly Customer Charge:		Monthly Customer Charge:	
Fixed charge per	\$ 29.2500	Fixed charge per	\$ 30.330
Winter Block 1 (0 - All kWh)		Winter Block 1 (0 - All kWh)	
Summer Block 1 (0 - All kWh)	\$ -	Summer Block 1 (0 - All kWh)	\$ -
Revenues from Current Rates	\$ 110,373	Revenues from Proposed Rates	\$ 114,449
		Percentage Change from Current	3.69%

Rochester Public Utilities - Electric Utility

2017 PROPOSED RATE DESIGNS

Summary

Page No.	Customer Class		2017 Revenue less Adjustments	2017 Revenue with Adjustments	Percent Change
	ResidentialRate RES	RES	\$ 46,012,940	\$ 46,837,244	1.79%
	Residential Dual FuelRate RES-DF	RES-DF	11,531	12,329	6.93%
	Residential High Efficiency HVACRate RESELGEO	RESELGEO	146,651	156,912	7.00%
	Small General ServiceRate GS	GS	17,512,142	17,811,006	1.71%
	SGS - High Efficiency HVACRate GS-HEF	GS-HEF	54,885	56,940	3.74%
	Medium General ServiceRate MGS	MGS	31,516,315	31,945,023	1.36%
	MGS - High Efficiency HVACRate MGS-HEF	MGS-HEF	183,574	188,907	2.90%
	MGS - Time-of-UseRate MGS-TOU	MGS-TOU	1,997,390	1,997,390	0.00%
	Large General ServiceRate LGS	LGS	10,906,098	11,040,760	1.23%
	Large Industrial ServiceRate LIS	LIS	22,018,209	22,433,918	1.89%
	Interruptible ServiceRate INTR	INTR	5,093,088	5,281,053	3.69%
	Cogen and Small Power ProdRate COGEN	COGEN	10,995	11,403	3.71%
	InterdepartmentalRate MUNI	MUNI	995,381	1,007,595	1.23%
	Civil Defense Sirens25	CDS	9,165	9,275	1.20%
	City Street Lighting27	CSL	1,233,429	1,258,316	2.02%
	Security Lightingvarious	SL	214,685	217,422	1.28%
	Traffic Signalsvarious	TS	114,449	118,683	3.70%

Total	\$ 138,030,926	\$ 140,384,179	1.70%
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Change in Ratchet Clause

Current Ratchet 75%

Proposed Ratchet 50%

Twelve Month Rolling PCA

Established PCA Base 0.07660 kWh

Rochester Public Utilities - Electric Utility

RES 2017 Residential
Rate RES

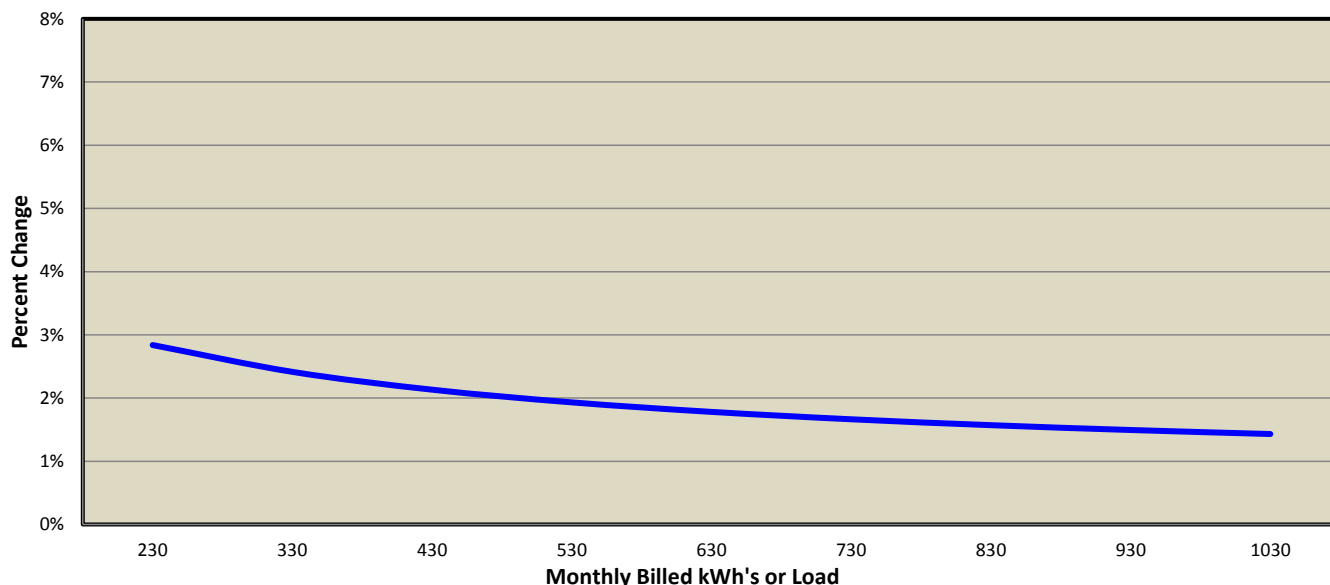
2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 17.4000	Customers #1	\$ 18.4000	Customers #1	\$ 21.44
Winter Block 1 (0 - All kWh)	\$ 0.09810	Winter Block 1 (0 - All kWh)	\$ 0.09870	Winter Energy	\$ 0.10369
Summer Block 1 (0 - All kWh)	\$ 0.11740	Summer Block 1 (0 - All kWh)	\$ 0.11850	Summer Energy	\$ 0.10448
Revenues from Current Rates	\$ 46,012,940	Revenues from Proposed Rates	\$ 46,837,244		
		Percentage Change from Current		1.79%	

Customer Bill Impacts for Residential 2017 PROPOSED RATE DESIGNS



RES 2017 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
230	\$ 39.96	\$ 41.10	\$ 1.14	2.85%
330	\$ 49.77	\$ 50.97	\$ 1.20	2.41%
430	\$ 59.58	\$ 60.84	\$ 1.26	2.11%
530	\$ 69.39	\$ 70.71	\$ 1.32	1.90%
630	\$ 79.20	\$ 80.58	\$ 1.38	1.74%
730	\$ 89.01	\$ 90.45	\$ 1.44	1.62%
830	\$ 98.82	\$ 100.32	\$ 1.50	1.52%
930	\$ 108.63	\$ 110.19	\$ 1.56	1.43%
1030	\$ 118.44	\$ 120.06	\$ 1.62	1.37%

RES 2017 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
230	\$ 44.40	\$ 45.66	\$ 1.25	2.82%	2.83%
330	\$ 56.14	\$ 57.51	\$ 1.36	2.43%	2.42%
430	\$ 67.88	\$ 69.36	\$ 1.47	2.17%	2.14%
530	\$ 79.62	\$ 81.21	\$ 1.58	1.99%	1.95%
630	\$ 91.36	\$ 93.06	\$ 1.69	1.85%	1.80%
730	\$ 103.10	\$ 104.91	\$ 1.80	1.75%	1.69%
830	\$ 114.84	\$ 116.76	\$ 1.91	1.67%	1.60%
930	\$ 126.58	\$ 128.61	\$ 2.02	1.60%	1.52%
1030	\$ 138.32	\$ 140.46	\$ 2.13	1.54%	1.46%

Rochester Public Utilities - Electric Utility

Prepared by:

RES-DF 2017 Residential Dual Fuel

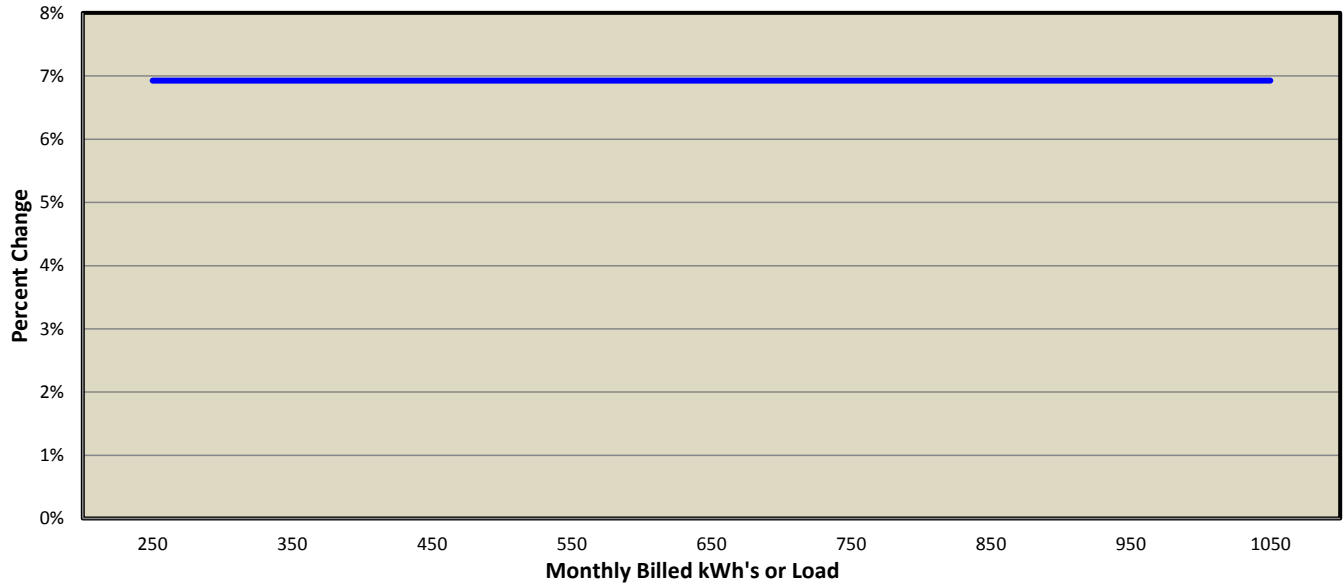
Rate RES-DF

2017 PROPOSED RATE DESIGNS



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 21.78
Winter Block 1 (0 - All kWh)	\$ 0.0664	Winter Block 1 (0 - All kWh)	\$ 0.0710	Winter Energy	\$ 0.0905
Summer Block 1 (0 - All kWh)	\$ 0.0664	Summer Block 1 (0 - All kWh)	\$ 0.0710	Summer Energy	\$ 0.0889
Revenues from Current Rates	\$ 11,531	Revenues from Proposed Rates	\$ 12,329		
		Percentage Change from Current		6.93%	

Customer Bill Impacts for Residential Dual Fuel 2017 PROPOSED RATE DESIGNS



RES-DF 2017 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
250	\$ 16.60	\$ 17.75	\$ 1.15	6.93%
350	\$ 23.24	\$ 24.85	\$ 1.61	6.93%
450	\$ 29.88	\$ 31.95	\$ 2.07	6.93%
550	\$ 36.52	\$ 39.05	\$ 2.53	6.93%
650	\$ 43.16	\$ 46.15	\$ 2.99	6.93%
750	\$ 49.80	\$ 53.25	\$ 3.45	6.93%
850	\$ 56.44	\$ 60.35	\$ 3.91	6.93%
950	\$ 63.08	\$ 67.45	\$ 4.37	6.93%
1050	\$ 69.72	\$ 74.55	\$ 4.83	6.93%

RES-DF 2017 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
250	\$ 16.60	\$ 17.75	\$ 1.15	6.93%	6.93%
350	\$ 23.24	\$ 24.85	\$ 1.61	6.93%	6.93%
450	\$ 29.88	\$ 31.95	\$ 2.07	6.93%	6.93%
550	\$ 36.52	\$ 39.05	\$ 2.53	6.93%	6.93%
650	\$ 43.16	\$ 46.15	\$ 2.99	6.93%	6.93%
750	\$ 49.80	\$ 53.25	\$ 3.45	6.93%	6.93%
850	\$ 56.44	\$ 60.35	\$ 3.91	6.93%	6.93%
950	\$ 63.08	\$ 67.45	\$ 4.37	6.93%	6.93%
1050	\$ 69.72	\$ 74.55	\$ 4.83	6.93%	6.93%

Rochester Public Utilities - Electric Utility

Prepared by:

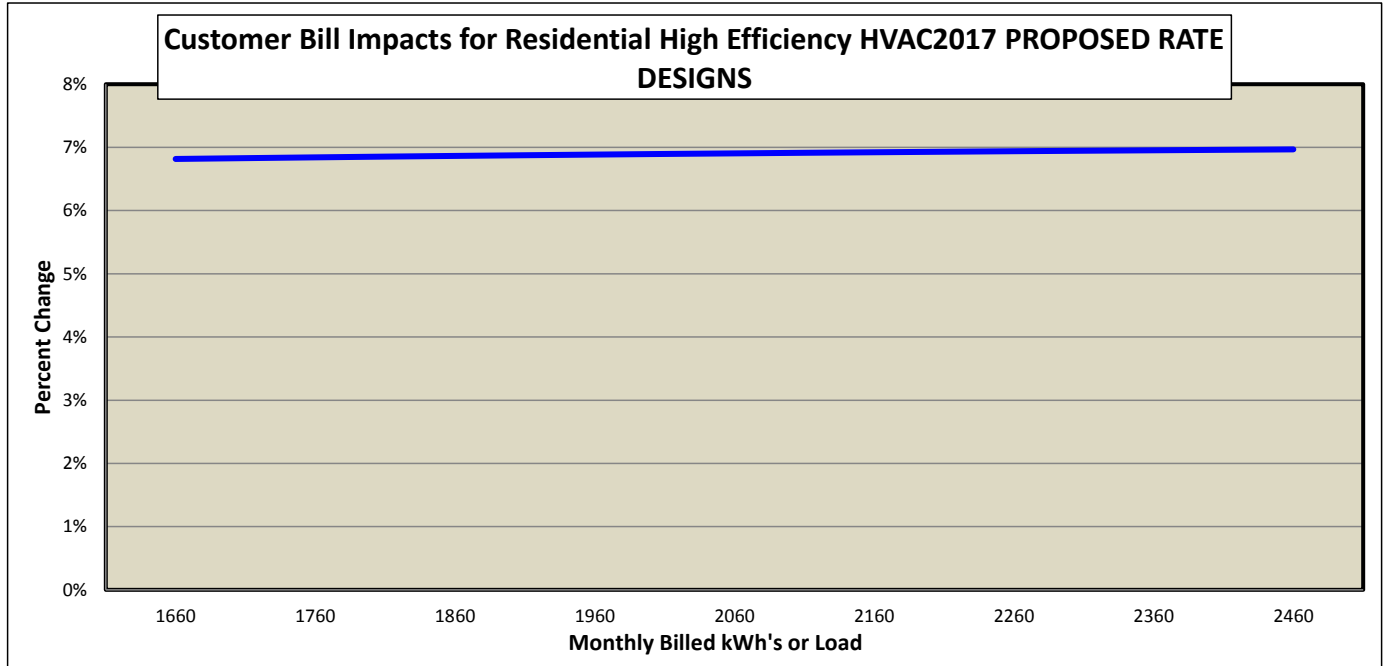
RESELGEO 2017 Residential High Efficiency HVAC

Rate RESELGEO

2017 PROPOSED RATE DESIGNS



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 17.4000	Customers #1	\$ 18.4000	Customers #1	\$ 41.83
Winter Block 1 (0 - 600 kWh)	\$ 0.1053	Winter Block 1 (0 - 600 kWh)	\$ 0.1120	Winter Energy	\$ 0.1021
Winter Block 2 (601 - Excess kWh)	\$ 0.0715	Winter Block 2 (600 - Excess kWh)	\$ 0.0774		\$ -
Summer Block 1 (0 - all kWh)	\$ 0.1251	Summer Block 1 (0 - all kWh)	\$ 0.1330	Summer Energy	\$ 0.1035
Revenues from Current Rates	\$ 146,651	Revenues from Proposed Rates	\$ 156,912		
		Percentage Change from Current	7.00%		



RESELGEO 2017 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
1660	\$ 156.37	\$ 167.64	\$ 11.27	7.21%
1760	\$ 163.52	\$ 175.38	\$ 11.86	7.26%
1860	\$ 170.67	\$ 183.12	\$ 12.45	7.30%
1960	\$ 177.82	\$ 190.86	\$ 13.04	7.34%
2060	\$ 184.97	\$ 198.60	\$ 13.63	7.37%
2160	\$ 192.12	\$ 206.34	\$ 14.22	7.40%
2260	\$ 199.27	\$ 214.08	\$ 14.81	7.43%
2360	\$ 206.42	\$ 221.82	\$ 15.40	7.46%
2460	\$ 213.57	\$ 229.56	\$ 15.99	7.49%

RESELGEO 2017 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
1660	\$ 225.07	\$ 239.18	\$ 14.11	6.27%	6.66%
1760	\$ 237.58	\$ 252.48	\$ 14.90	6.27%	6.67%
1860	\$ 250.09	\$ 265.78	\$ 15.69	6.28%	6.69%
1960	\$ 262.60	\$ 279.08	\$ 16.48	6.28%	6.70%
2060	\$ 275.11	\$ 292.38	\$ 17.27	6.28%	6.72%
2160	\$ 287.62	\$ 305.68	\$ 18.06	6.28%	6.73%
2260	\$ 300.13	\$ 318.98	\$ 18.85	6.28%	6.74%
2360	\$ 312.64	\$ 332.28	\$ 19.64	6.28%	6.75%
2460	\$ 325.15	\$ 345.58	\$ 20.43	6.28%	6.76%

Rochester Public Utilities - Electric Utility

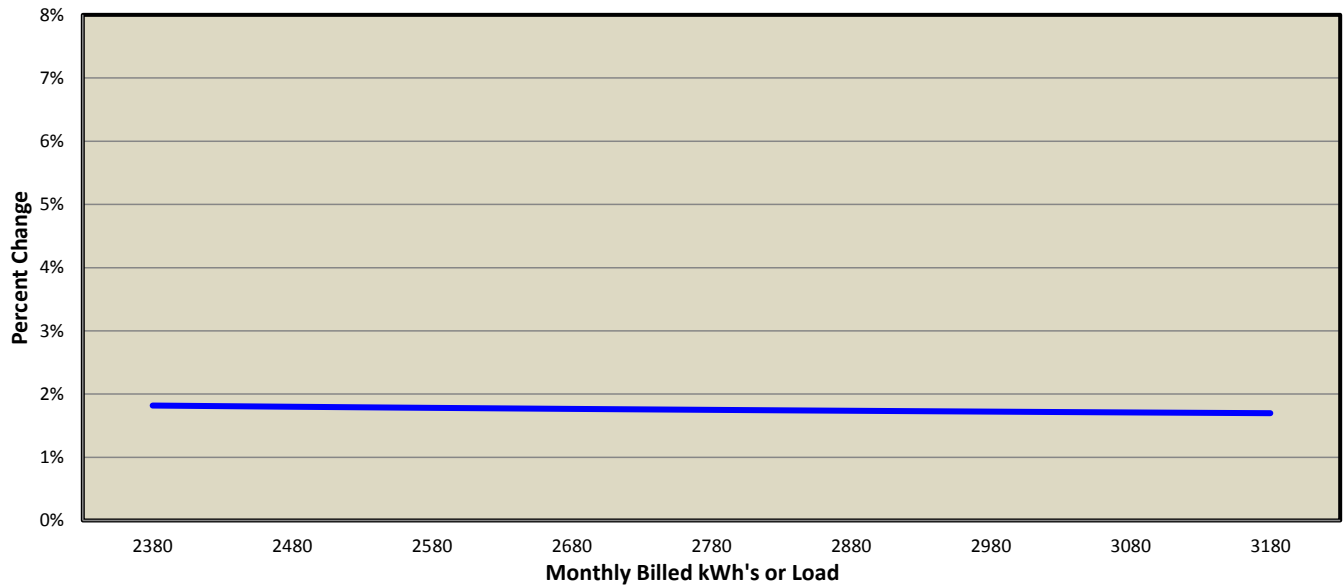
GS 2017 Small General Service
 Rate GS
2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 36.0000	Customers #1	\$ 38.0000	Customers #1	\$ 43.65
Winter Block 1 (0 - All kWh)	\$ 0.0994	Winter Block 1 (0 - All kWh)	\$ 0.1010	Winter Energy	\$ 0.1049
Summer Block 1 (0 - All kWh)	\$ 0.1200	Summer Block 1 (0 - All kWh)	\$ 0.1209	Summer Energy	\$ 0.1097
Revenues from Current Rates	\$ 17,512,142	Revenues from Proposed Rates	\$ 17,811,006		
		Percentage Change from Current	1.71%		

Customer Bill Impacts for Small General Service 2017 PROPOSED RATE DESIGNS



GS 2017 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
2380	\$ 272.57	\$ 278.38	\$ 5.81	2.13%
2480	\$ 282.51	\$ 288.48	\$ 5.97	2.11%
2580	\$ 292.45	\$ 298.58	\$ 6.13	2.10%
2680	\$ 302.39	\$ 308.68	\$ 6.29	2.08%
2780	\$ 312.33	\$ 318.78	\$ 6.45	2.06%
2880	\$ 322.27	\$ 328.88	\$ 6.61	2.05%
2980	\$ 332.21	\$ 338.98	\$ 6.77	2.04%
3080	\$ 342.15	\$ 349.08	\$ 6.93	2.02%
3180	\$ 352.09	\$ 359.18	\$ 7.09	2.01%

GS 2017 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
2380	\$ 321.60	\$ 325.74	\$ 4.14	1.29%	1.67%
2480	\$ 333.60	\$ 337.83	\$ 4.23	1.27%	1.66%
2580	\$ 345.60	\$ 349.92	\$ 4.32	1.25%	1.64%
2680	\$ 357.60	\$ 362.01	\$ 4.41	1.23%	1.62%
2780	\$ 369.60	\$ 374.10	\$ 4.50	1.22%	1.61%
2880	\$ 381.60	\$ 386.19	\$ 4.59	1.20%	1.59%
2980	\$ 393.60	\$ 398.28	\$ 4.68	1.19%	1.58%
3080	\$ 405.60	\$ 410.37	\$ 4.77	1.18%	1.56%
3180	\$ 417.60	\$ 422.46	\$ 4.86	1.16%	1.55%

Rochester Public Utilities - Electric Utility

Prepared by:

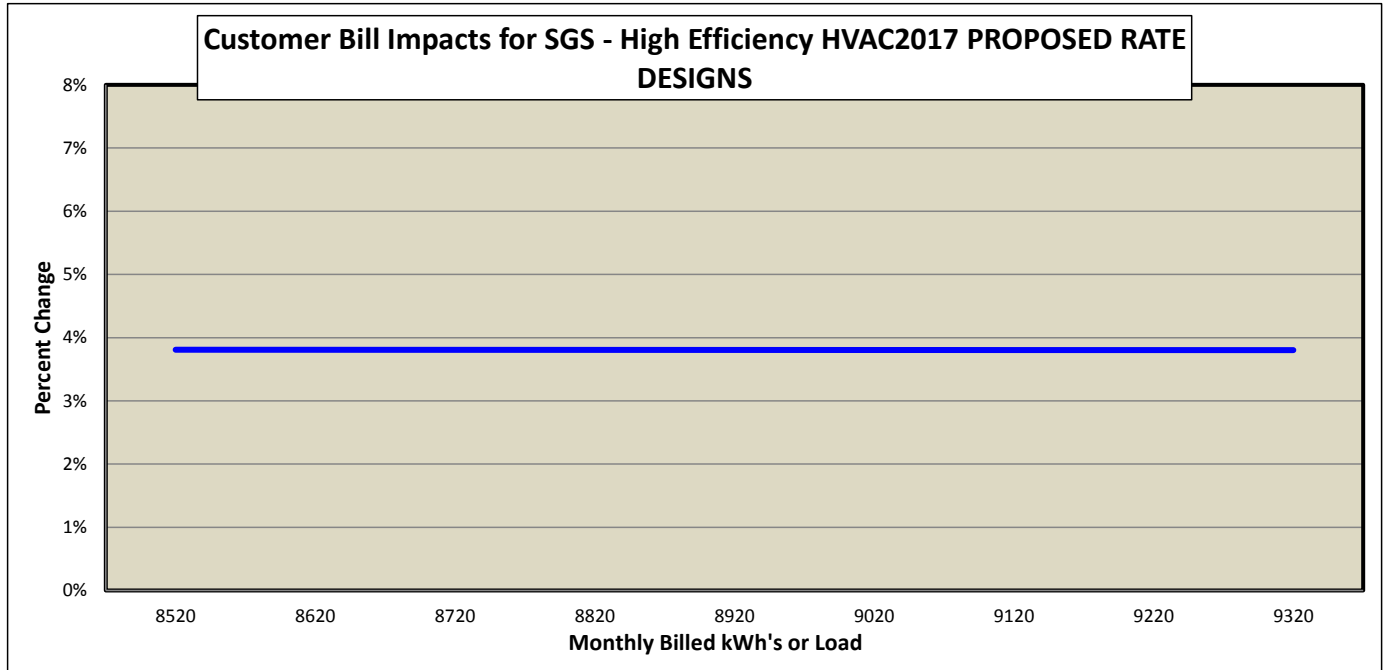
GS-HEF 2017 SGS - High Efficiency HVAC

Rate GS-HEF

2017 PROPOSED RATE DESIGNS



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 36.0000	Customers #1	\$ 38.0000	Customers #1	\$ 45.32
Winter Block 1 (0 - All kWh)	\$ 0.0860	Winter Block 1 (0 - All kWh)	\$ 0.0910	Winter Energy	\$ 0.1034
Summer Block 1 (0 - All kWh)	\$ 0.1200	Summer Block 1 (0 - All kWh)	\$ 0.1209	Summer Energy	\$ 0.1083
Revenues from Current Rates	\$ 54,885	Revenues from Proposed Rates	\$ 56,940		
		Percentage Change from Current	3.74%		



GS-HEF 2017 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
8520	\$ 768.72	\$ 813.32	\$ 44.60	5.80%
8620	\$ 777.32	\$ 822.42	\$ 45.10	5.80%
8720	\$ 785.92	\$ 831.52	\$ 45.60	5.80%
8820	\$ 794.52	\$ 840.62	\$ 46.10	5.80%
8920	\$ 803.12	\$ 849.72	\$ 46.60	5.80%
9020	\$ 811.72	\$ 858.82	\$ 47.10	5.80%
9120	\$ 820.32	\$ 867.92	\$ 47.60	5.80%
9220	\$ 828.92	\$ 877.02	\$ 48.10	5.80%
9320	\$ 837.52	\$ 886.12	\$ 48.60	5.80%

GS-HEF 2017 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
8520	\$ 1,058.40	\$ 1,068.07	\$ 9.67	0.91%	2.97%
8620	\$ 1,070.40	\$ 1,080.16	\$ 9.76	0.91%	2.97%
8720	\$ 1,082.40	\$ 1,092.25	\$ 9.85	0.91%	2.97%
8820	\$ 1,094.40	\$ 1,104.34	\$ 9.94	0.91%	2.97%
8920	\$ 1,106.40	\$ 1,116.43	\$ 10.03	0.91%	2.97%
9020	\$ 1,118.40	\$ 1,128.52	\$ 10.12	0.90%	2.96%
9120	\$ 1,130.40	\$ 1,140.61	\$ 10.21	0.90%	2.96%
9220	\$ 1,142.40	\$ 1,152.70	\$ 10.30	0.90%	2.96%
9320	\$ 1,154.40	\$ 1,164.79	\$ 10.39	0.90%	2.96%

Rochester Public Utilities - Electric Utility

MGS 2017 Medium General Service

Rate MGS

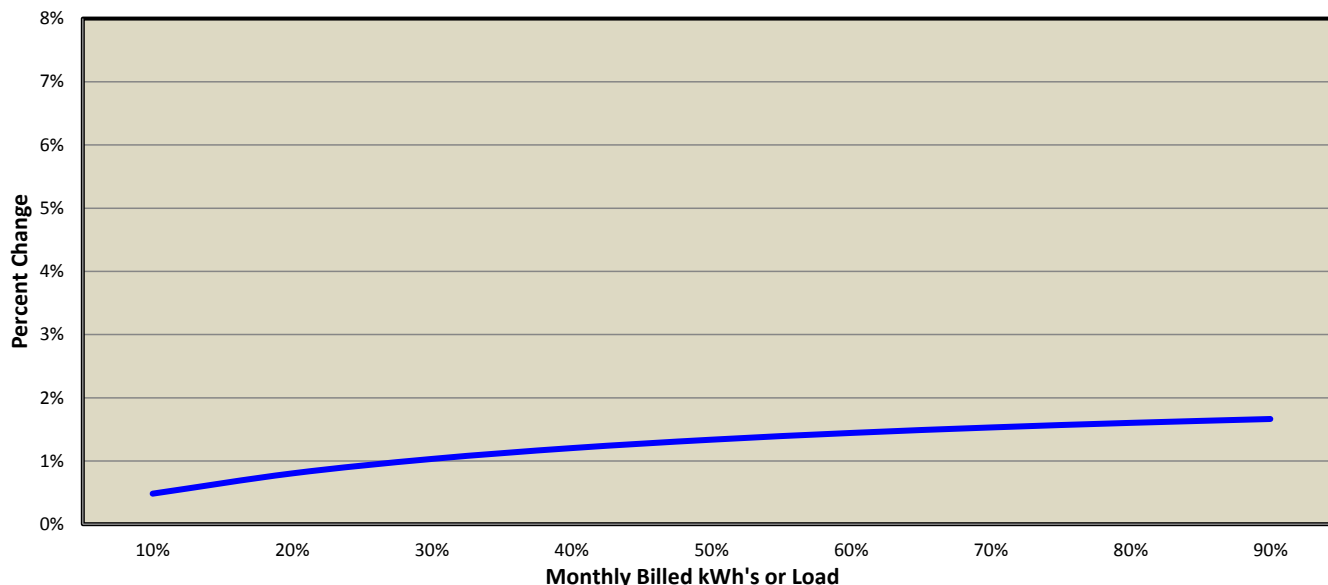
2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 135.69
Winter Block 1 (0 - All kWh)	\$ 0.0584	Winter Block 1 (0 - All kWh)	\$ 0.0598	Winter Energy	\$ 0.0576
Summer Block 1 (0 - All kWh)	\$ 0.0584	Summer Block 1 (0 - All kWh)	\$ 0.0598	Summer Energy	\$ 0.0552
Winter Block 1 (0 - all kW)	\$ 15.5200	Winter Block 1 (0 - all kW)	\$ 15.5200	Winter Demand	\$ 13.78
Summer Block 1 (0 - all kW)	\$ 19.6700	Summer Block 1 (0 - all kW)	\$ 19.6700	Summer Demand	\$ 15.68
Revenues from Current Rates	\$ 31,516,315	Revenues from Proposed Rates	\$ 31,945,023		
		Percentage Change from Current	1.36%		

Customer Bill Impacts for Medium General Service 2017 PROPOSED RATE DESIGNS



MGS 2017 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 3,992.62	\$ 4,013.24	\$ 20.62	0.52%
20%	\$ 4,853.44	\$ 4,894.69	\$ 41.26	0.85%
30%	\$ 5,713.67	\$ 5,775.55	\$ 61.88	1.08%
40%	\$ 6,573.90	\$ 6,656.40	\$ 82.50	1.25%
50%	\$ 7,434.72	\$ 7,537.85	\$ 103.14	1.39%
60%	\$ 8,294.95	\$ 8,418.71	\$ 123.76	1.49%
70%	\$ 9,155.18	\$ 9,299.56	\$ 144.38	1.58%
80%	\$ 10,016.00	\$ 10,181.01	\$ 165.02	1.65%
90%	\$ 10,876.23	\$ 11,061.87	\$ 185.64	1.71%

MGS 2017 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 4,830.21	\$ 4,850.83	\$ 20.62	0.43%	0.47%
20%	\$ 5,691.03	\$ 5,732.28	\$ 41.26	0.72%	0.78%
30%	\$ 6,551.26	\$ 6,613.14	\$ 61.88	0.94%	1.01%
40%	\$ 7,411.49	\$ 7,493.99	\$ 82.50	1.11%	1.18%
50%	\$ 8,272.31	\$ 8,375.44	\$ 103.14	1.25%	1.31%
60%	\$ 9,132.54	\$ 9,256.30	\$ 123.76	1.36%	1.42%
70%	\$ 9,992.77	\$ 10,137.15	\$ 144.38	1.44%	1.51%
80%	\$ 10,853.59	\$ 11,018.60	\$ 165.02	1.52%	1.58%
90%	\$ 11,713.82	\$ 11,899.46	\$ 185.64	1.58%	1.64%

Rochester Public Utilities - Electric Utility

MGS-HEF 2017 MGS - High Efficiency HVAC

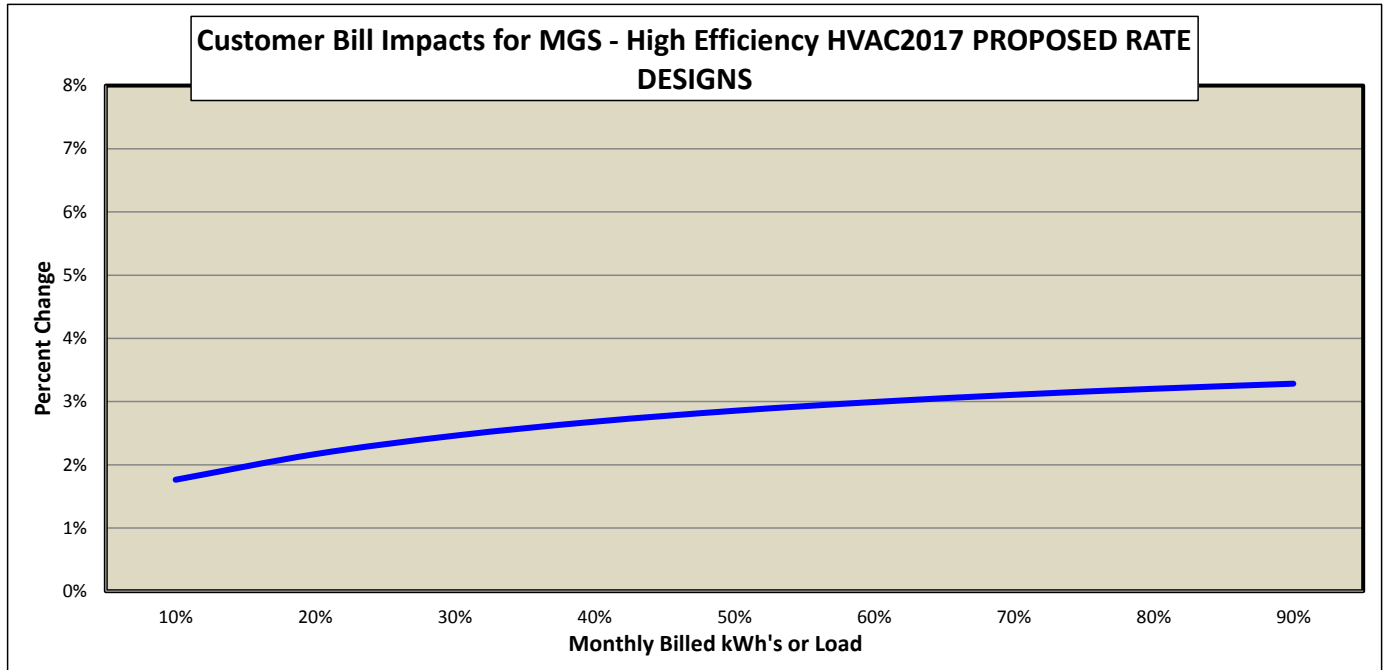
Rate MGS-HEF

2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 130.16
Winter Block 1 (0 - All kWh)	\$ 0.0478	Winter Block 1 (0 - All kWh)	\$ 0.0500	Winter Energy	\$ 0.0563
Summer Block 1 (0 - All kWh)	\$ 0.0568	Summer Block 1 (0 - All kWh)	\$ 0.0589	Summer Energy	\$ 0.0537
Winter Block 1 (0 - All kW)	\$ 13.2000	Winter Block 1 (0 - All kW)	\$ 13.3500	Winter Demand	\$ 14.91
Summer Block 1 (0 - All kW)	\$ 20.0000	Summer Block 1 (0 - All kW)	\$ 20.2400	Summer Demand	\$ 14.50
Revenues from Current Rates	\$ 183,574	Revenues from Proposed Rates	\$ 188,907		
		Percentage Change from Current	2.90%		



MGS-HEF 2017 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 1,832.13	\$ 1,866.22	\$ 34.09	1.86%
20%	\$ 2,215.48	\$ 2,267.22	\$ 51.73	2.34%
30%	\$ 2,598.36	\$ 2,667.72	\$ 69.36	2.67%
40%	\$ 2,981.72	\$ 3,068.72	\$ 87.00	2.92%
50%	\$ 3,364.60	\$ 3,469.22	\$ 104.62	3.11%
60%	\$ 3,747.95	\$ 3,870.22	\$ 122.27	3.26%
70%	\$ 4,130.83	\$ 4,270.72	\$ 139.89	3.39%
80%	\$ 4,514.19	\$ 4,671.72	\$ 157.53	3.49%
90%	\$ 4,897.06	\$ 5,072.22	\$ 175.15	3.58%

MGS-HEF 2017 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 2,650.80	\$ 2,693.97	\$ 43.17	1.63%	1.72%
20%	\$ 3,106.34	\$ 3,166.35	\$ 60.01	1.93%	2.10%
30%	\$ 3,561.31	\$ 3,638.14	\$ 76.83	2.16%	2.37%
40%	\$ 4,016.84	\$ 4,110.52	\$ 93.68	2.33%	2.58%
50%	\$ 4,471.81	\$ 4,582.31	\$ 110.50	2.47%	2.75%
60%	\$ 4,927.35	\$ 5,054.68	\$ 127.34	2.58%	2.88%
70%	\$ 5,382.31	\$ 5,526.47	\$ 144.16	2.68%	2.99%
80%	\$ 5,837.85	\$ 5,998.85	\$ 161.00	2.76%	3.08%
90%	\$ 6,292.82	\$ 6,470.64	\$ 177.82	2.83%	3.15%

Rochester Public Utilities - Electric Utility

MGS-TOU 2017 MGS - Time-of-Use

Rate MGS-TOU

2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
	\$ -		\$ -		\$ 136.45
	\$ 0.0584	Winter Block 1 (0 - 0 kWh)	\$ 0.0598	Winter Energy	\$ 0.0563
	\$ 0.0584	Summer Block 1 (0 - 0 kWh)	\$ 0.0598	Summer Energy	\$ 0.0540
	\$ 1.8960		\$ 1.8960		
	\$ 15.5200		\$ 15.5200		
	\$ 1.8960		\$ 1.8960		
	\$ 19.6700		\$ 19.6700		
Revenues from Current Rates	\$ 1,997,390	Revenues from Proposed Rates	\$ 1,997,390		
		Percentage Change from Current	0.00%		

Rochester Public Utilities - Electric Utility

LGS 2017 Large General Service

Rate LGS

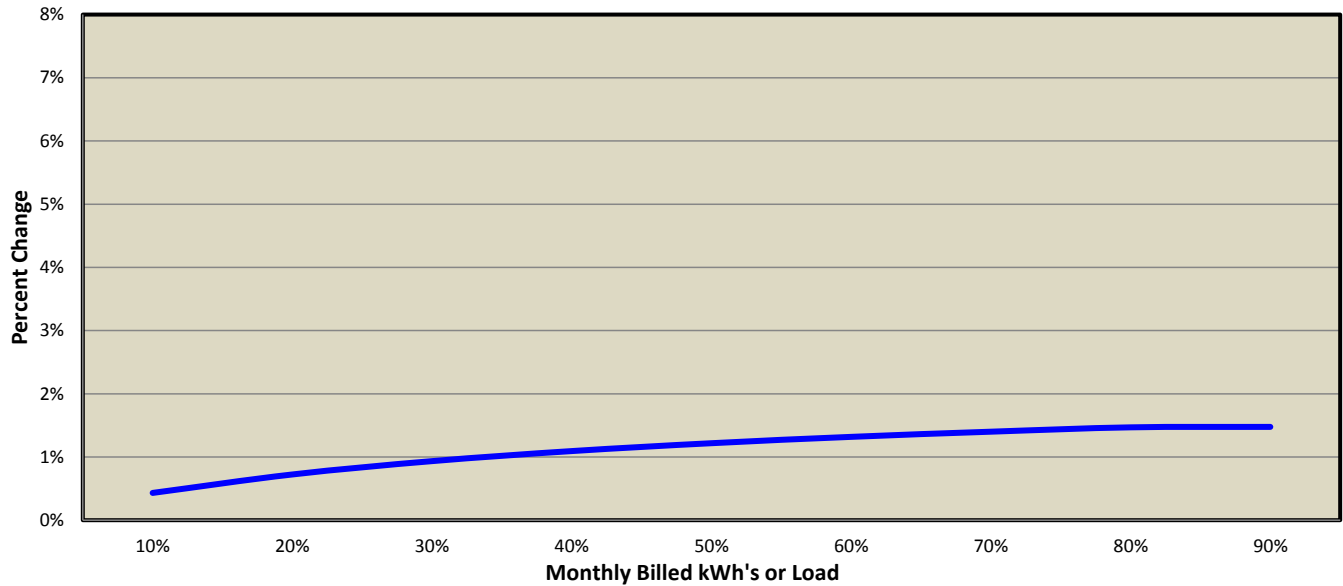
2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 310.03
Winter Block 1 (0 - All kWh)	\$ 0.0581	Winter Block 1 (0 - All kWh)	\$ 0.0594	Winter Energy	\$ 0.0563
Summer Block 1 (0 - All kWh)	\$ 0.0581	Summer Block 1 (0 - All kWh)	\$ 0.0594	Summer Energy	\$ 0.0539
Winter Block 1 (0 - All kW)	\$ 17.7500	Winter Block 1 (0 - All kW)	\$ 17.7500	Winter Demand	\$ 14.65
Summer Block 1 (0 - All kW)	\$ 17.7500	Summer Block 1 (0 - All kW)	\$ 17.7500	Summer Demand	\$ 17.29
Revenues from Current Rates	\$ 10,906,098	Revenues from Proposed Rates	\$ 11,040,760		
		Percentage Change from Current	1.23%		

Customer Bill Impacts for Large General Service 2017 PROPOSED RATE DESIGNS



LGS 2017 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 37,126.68	\$ 37,286.89	\$ 160.21	0.43%
20%	\$ 44,286.93	\$ 44,607.35	\$ 320.42	0.72%
30%	\$ 51,447.75	\$ 51,928.40	\$ 480.65	0.93%
40%	\$ 58,607.99	\$ 59,248.86	\$ 640.86	1.09%
50%	\$ 65,768.24	\$ 66,569.31	\$ 801.07	1.22%
60%	\$ 72,928.48	\$ 73,889.77	\$ 961.29	1.32%
70%	\$ 80,089.31	\$ 81,210.82	\$ 1,121.51	1.40%
80%	\$ 87,249.55	\$ 88,531.27	\$ 1,281.72	1.47%
90%	\$ 88,066.44	\$ 89,366.44	\$ 1,300.00	1.48%

LGS 2017 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 37,126.68	\$ 37,286.89	\$ 160.21	0.43%	0.43%
20%	\$ 44,286.93	\$ 44,607.35	\$ 320.42	0.72%	0.72%
30%	\$ 51,447.75	\$ 51,928.40	\$ 480.65	0.93%	0.93%
40%	\$ 58,607.99	\$ 59,248.86	\$ 640.86	1.09%	1.09%
50%	\$ 65,768.24	\$ 66,569.31	\$ 801.07	1.22%	1.22%
60%	\$ 72,928.48	\$ 73,889.77	\$ 961.29	1.32%	1.32%
70%	\$ 80,089.31	\$ 81,210.82	\$ 1,121.51	1.40%	1.40%
80%	\$ 87,249.55	\$ 88,531.27	\$ 1,281.72	1.47%	1.47%
90%	\$ 88,066.44	\$ 89,366.44	\$ 1,300.00	1.48%	1.48%

Rochester Public Utilities - Electric Utility

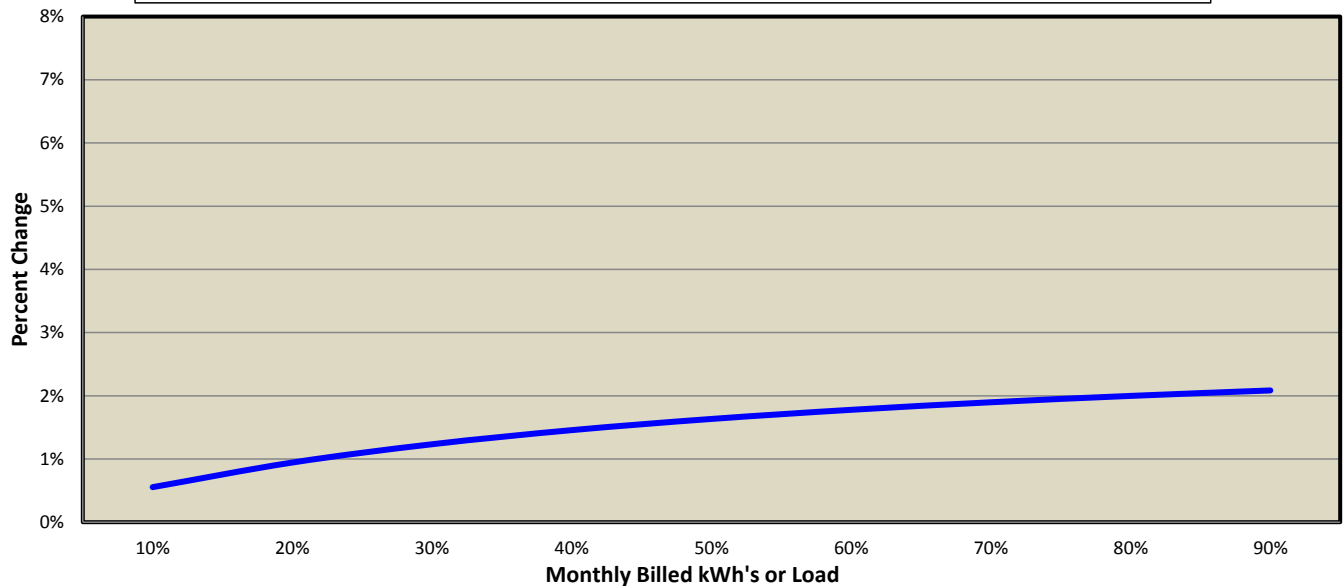
LIS 2017 Large Industrial Service
 Rate LIS
2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 1,833.55
Winter Block 1 (0 - All kWh)	\$ 0.0534	Winter Block 1 (0 - All kWh)	\$ 0.0551	Winter Energy	\$ 0.0563
Summer Block 1 (0 - All kWh)	\$ 0.0534	Summer Block 1 (0 - All kWh)	\$ 0.0551	Summer Energy	\$ 0.0539
Winter Block 1 (0 - All kW)	\$ 18.5000	Winter Block 1 (0 - All kW)	\$ 18.5000	Winter Demand	\$ 18.18
Summer Block 1 (0 - All kW)	\$ 18.5000	Summer Block 1 (0 - All kW)	\$ 18.5000	Summer Demand	\$ 18.96
Revenues from Current Rates	\$ 22,018,209	Revenues from Proposed Rates	\$ 22,433,918		
		Percentage Change from Current	1.89%		

Customer Bill Impacts for Large Industrial Service 2017 PROPOSED RATE DESIGNS



LIS 2017 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 449,319.59	\$ 451,809.10	\$ 2,489.51	0.55%
20%	\$ 527,519.61	\$ 532,498.64	\$ 4,979.03	0.94%
30%	\$ 605,719.11	\$ 613,187.63	\$ 7,468.52	1.23%
40%	\$ 683,919.14	\$ 693,877.18	\$ 9,958.04	1.46%
50%	\$ 762,119.16	\$ 774,566.72	\$ 12,447.55	1.63%
60%	\$ 840,319.19	\$ 855,256.26	\$ 14,937.07	1.78%
70%	\$ 918,518.69	\$ 935,945.25	\$ 17,426.56	1.90%
80%	\$ 996,718.71	\$ 1,016,634.79	\$ 19,916.08	2.00%
90%	\$ 1,074,918.74	\$ 1,097,324.33	\$ 22,405.59	2.08%

LIS 2017 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 449,319.59	\$ 451,809.10	\$ 2,489.51	0.55%	0.55%
20%	\$ 527,519.61	\$ 532,498.64	\$ 4,979.03	0.94%	0.94%
30%	\$ 605,719.11	\$ 613,187.63	\$ 7,468.52	1.23%	1.23%
40%	\$ 683,919.14	\$ 693,877.18	\$ 9,958.04	1.46%	1.46%
50%	\$ 762,119.16	\$ 774,566.72	\$ 12,447.55	1.63%	1.63%
60%	\$ 840,319.19	\$ 855,256.26	\$ 14,937.07	1.78%	1.78%
70%	\$ 918,518.69	\$ 935,945.25	\$ 17,426.56	1.90%	1.90%
80%	\$ 996,718.71	\$ 1,016,634.79	\$ 19,916.08	2.00%	2.00%
90%	\$ 1,074,918.74	\$ 1,097,324.33	\$ 22,405.59	2.08%	2.08%

Rochester Public Utilities - Electric Utility

INTR 2017 Interruptible Service

Rate INTR

2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 177.50
MGS	\$ 0.0590	MGS	\$ 0.0610	Winter Energy	\$ 0.0563
LGS	\$ 0.0588	LGS	\$ 0.0608	Summer Energy	\$ 0.0539
LIS	\$ 0.0535	LIS	\$ 0.0553	Winter Demand	\$ 13.20
MGS Demand (- 7.623 kW)	\$ 8.4100	MGS Demand (- 7.623 kW)	\$ 8.7800	Summer Demand	\$ 14.08
LGS Demand (- 8.26 kW)	\$ 9.1300	LGS Demand (- 8.26 kW)	\$ 9.5500		
LIS Demand (- 8.55 kW)	\$ 9.4500	LIS Demand (- 8.55 kW)	\$ 9.8900		
Revenues from Current Rates	\$ 5,093,088	Revenues from Proposed Rates	\$ 5,281,053		
		Percentage Change from Current	3.69%		

Rochester Public Utilities - Electric Utility

Prepared by:

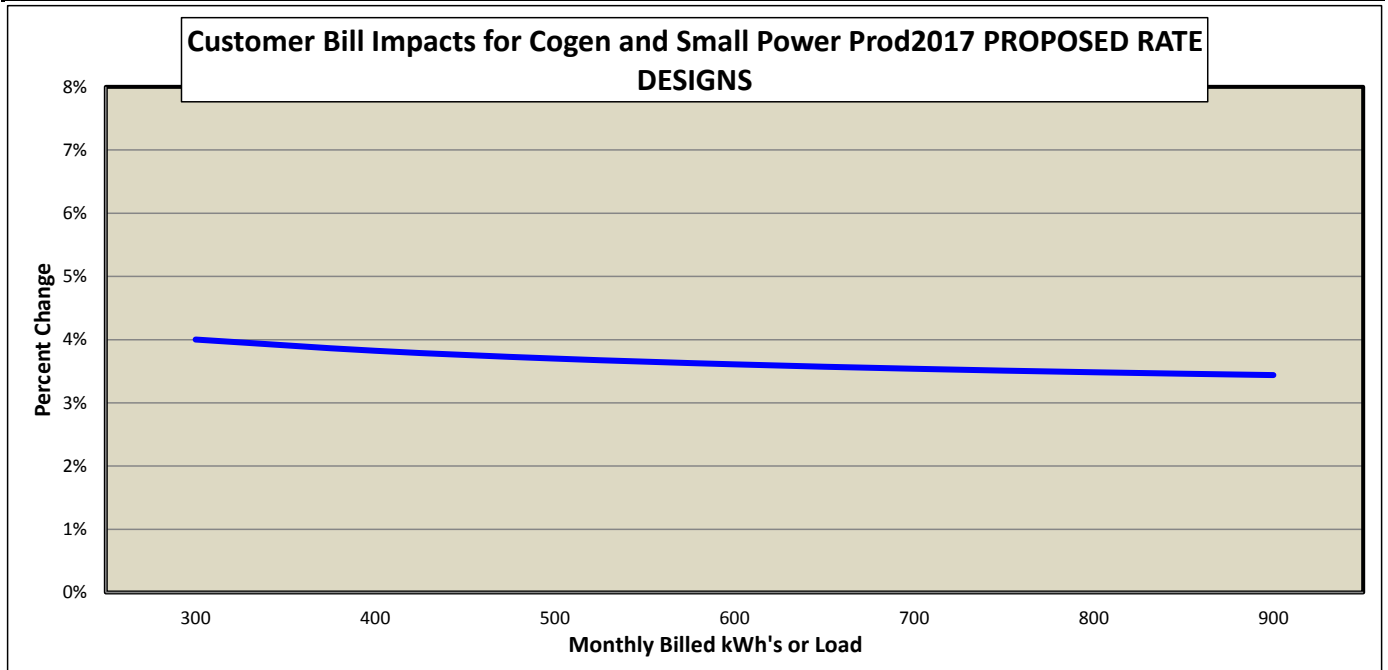
COGEN 2017 Cogen and Small Power Prod

Rate COGEN

2017 PROPOSED RATE DESIGNS



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ 17.0000	Customers #1	\$ 18.0000	Customers #1	\$ 38.41
Winter Block 1 (0 - All kWh)	\$ 0.1019	Winter Block 1 (0 - All kWh)	\$ 0.1050	Winter Energy	\$ 0.0465
Summer Block 1 (0 - All kWh)	\$ 0.1185	Summer Block 1 (0 - All kWh)	\$ 0.1220	Summer Energy	\$ 0.0442
Revenues from Current Rates	\$ 10,183	Revenues from Proposed Rates	\$ 10,995		
		Percentage Change from Current	3.71%		



COGEN 2017 Monthly Winter Bill Comparison				
Usage (kWh)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
100	\$ 27.19	\$ 28.50	\$ 1.31	4.82%
200	\$ 37.38	\$ 39.00	\$ 1.62	4.33%
300	\$ 47.57	\$ 49.50	\$ 1.93	4.06%
400	\$ 57.76	\$ 60.00	\$ 2.24	3.88%
500	\$ 67.95	\$ 70.50	\$ 2.55	3.75%
600	\$ 78.14	\$ 81.00	\$ 2.86	3.66%
700	\$ 88.33	\$ 91.50	\$ 3.17	3.59%
800	\$ 98.52	\$ 102.00	\$ 3.48	3.53%
900	\$ 108.71	\$ 112.50	\$ 3.79	3.49%

COGEN 2017 Monthly Summer Bill Comparison					Annual
Usage (kWh)	Current Bill	Proposed Bill	Dollar Change	Percent Change	
100	\$ 28.85	\$ 30.20	\$ 1.35	4.68%	4.75%
200	\$ 40.70	\$ 42.40	\$ 1.70	4.18%	4.25%
300	\$ 52.55	\$ 54.60	\$ 2.05	3.90%	3.98%
400	\$ 64.40	\$ 66.80	\$ 2.40	3.73%	3.80%
500	\$ 76.25	\$ 79.00	\$ 2.75	3.61%	3.68%
600	\$ 88.10	\$ 91.20	\$ 3.10	3.52%	3.59%
700	\$ 99.95	\$ 103.40	\$ 3.45	3.45%	3.52%
800	\$ 111.80	\$ 115.60	\$ 3.80	3.40%	3.46%
900	\$ 123.65	\$ 127.80	\$ 4.15	3.36%	3.42%

Rochester Public Utilities - Electric Utility

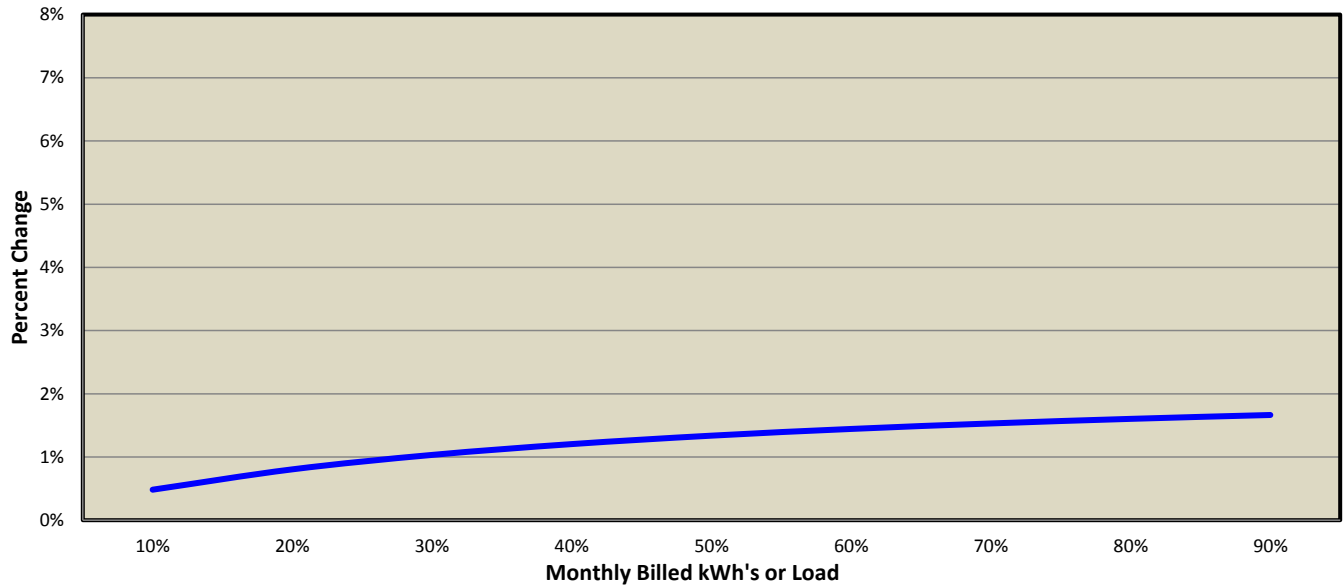
MUNI 2017 Interdepartmental
Rate MUNI
2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Customers #1	\$ -	Customers #1	\$ -	Customers #1	\$ 84.56
Winter Block 1 (0 - All kWh)	\$ 0.0584	Winter Block 1 (0 - All kWh)	\$ 0.05980	Winter Energy	\$ 0.06
Summer Block 1 (0 - All kWh)	\$ 0.0584	Summer Block 1 (0 - All kWh)	\$ 0.05980	Summer Energy	\$ 0.05
Winter Block 1 (0 - All kW)	\$ 15.5200	Winter Block 1 (0 - All kW)	\$ 15.52000	Winter Demand	\$ 11.63
Summer Block 1 (0 - All kW)	\$ 19.6700	Summer Block 1 (0 - All kW)	\$ 19.67000	Summer Demand	\$ 16.20
Revenues from Current Rates	\$ 995,381	Revenues from Proposed Rates	\$ 1,007,595		
		Percentage Change from Current	1.23%		

Customer Bill Impacts for Interdepartmental 2017 PROPOSED RATE DESIGNS



MUNI 2017 Monthly Winter Bill Comparison				
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)
10%	\$ 672.75	\$ 676.22	\$ 3.47	0.52%
20%	\$ 818.17	\$ 825.13	\$ 6.96	0.85%
30%	\$ 963.00	\$ 973.43	\$ 10.43	1.08%
40%	\$ 1,107.83	\$ 1,121.73	\$ 13.90	1.25%
50%	\$ 1,253.25	\$ 1,270.64	\$ 17.39	1.39%
60%	\$ 1,398.08	\$ 1,418.94	\$ 20.86	1.49%
70%	\$ 1,542.91	\$ 1,567.24	\$ 24.33	1.58%
80%	\$ 1,688.33	\$ 1,716.15	\$ 27.82	1.65%
90%	\$ 1,833.16	\$ 1,864.45	\$ 31.29	1.71%

MUNI 2017 Monthly Summer Bill Comparison					Annual
Load Factor (%)	Current Bill (\$)	Proposed Bill (\$)	Dollar Change (\$)	Percent Change (%)	
10%	\$ 813.92	\$ 817.39	\$ 3.47	0.43%	0.47%
20%	\$ 959.33	\$ 966.29	\$ 6.96	0.73%	0.78%
30%	\$ 1,104.16	\$ 1,114.59	\$ 10.43	0.94%	1.01%
40%	\$ 1,249.00	\$ 1,262.90	\$ 13.90	1.11%	1.18%
50%	\$ 1,394.41	\$ 1,411.80	\$ 17.39	1.25%	1.31%
60%	\$ 1,539.24	\$ 1,560.10	\$ 20.86	1.36%	1.42%
70%	\$ 1,684.08	\$ 1,708.41	\$ 24.33	1.44%	1.51%
80%	\$ 1,829.49	\$ 1,857.31	\$ 27.82	1.52%	1.58%
90%	\$ 1,974.32	\$ 2,005.61	\$ 31.29	1.58%	1.64%

Rochester Public Utilities - Electric Utility

CDS 2017 Civil Defense Sirens

25

2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS		Cost of Service Rates	
Monthly Customer Charge:		Monthly Customer Charge:		Monthly Customer Charge:	
Fixed c	\$ 15.7900	Fixed c	\$ 15.9800	Fixed c	\$ 14.20
Revenues from Current Rates	\$ 9,165	Revenues from Proposed Rates	\$ 9,275		
		Percentage Change from Current	1.20%		

**Rochester Public Utilities - Electric Utility
City Street Lights**

Prepared by:



	No. of Lights	2016 Rate	Proposed Rate 2017	Current Revenues	Proposed Revenues
Muni 250W MV	6	\$ 22.04	\$ 22.26	\$ 1,587	\$ 1,603
Muni 400W MV	7	35.27	35.62	2,962	2,992
Muni 175W MH	34	16.05	16.53	6,547	6,743
Muni 250W MH	44	22.92	23.61	12,104	12,467
Muni 25W LED	1	3.85	4.58	46	55
Muni 35W LED	1	5.39	6.41	65	77
Muni 45W LED	81	6.03	7.18	5,862	6,975
Muni 55W LED	11	6.43	7.65	849	1,010
Muni 65W LED	40	8.60	10.24	4,129	4,913
Muni 75W LED	454	9.00	10.71	49,030	58,346
Muni 85W LED	1	10.41	12.39	125	149
Muni 95W LED	1	12.86	15.30	154	184
Muni 100W LED	3	20.17	20.17	726	726
Muni 157W LED	46	20.17	22.39	11,135	12,360
Muni 175W LED	7	22.50	25.42	1,890	2,136
Muni 100W HPS	6560	8.82	8.91	694,067	701,008
Muni 150W HPS	8	13.23	13.36	1,270	1,282
Muni 250W HPS	1370	22.04	22.26	362,375	365,999
Muni 400W HPS	182	35.27	35.62	77,025	77,795
Muni 100W HPS	14	8.82	8.91	1,481	1,496
Total				\$ 1,233,429	\$ 1,258,316
Adjustment					2.0%

Rochester Public Utilities - Electric Utility

SL 2017 Security Lighting
various

2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS	
V (105 kWh's per Lamp)	\$ 12.7000	Summer Block 5 (0 - kWh's KW)	\$ 12.852
	\$ -		\$ -
175 W MV (74 kWh's per Lamp)	\$ 10.3000	175 W MV (74 kWh's per Lamp)	\$ 10.500
400 W MV (168 kWh's per Lamp)	\$ 17.5000	400 W MV (168 kWh's per Lamp)	\$ 18.250
70 W HPS (29 kWh's per Lamp)	\$ 9.0900	70 W HPS (29 kWh's per Lamp)	\$ 9.150
	\$ -		\$ -
100 W HPS (41 kWh's per Lamp)	\$ 10.8200	100 W HPS (41 kWh's per Lamp)	\$ 10.900
250 W HPS (103 kWh's per Lamp)	\$ 15.1900	250 W HPS (103 kWh's per Lamp)	\$ 15.250
400 W HPS (165 kWh's per Lamp)	\$ 19.8000	400 W HPS (165 kWh's per Lamp)	\$ 20.000
	\$ -		\$ -
150 W HPS Roadway (62 kWh's per Lamp)	\$ 12.0500	150 W HPS Roadway (62 kWh's per Lamp)	\$ 12.250
250(x2) W HPS & Concrete Pole (- per L _a)	\$ -	250(x2) W HPS & Concrete Pole (- per L _a)	\$ -
Revenues from Current Rates	\$ 214,685	Revenues from Proposed Rates	\$ 217,422
		Percentage Change from Current	1.28%

Rochester Public Utilities - Electric Utility

TS 2017 Traffic Signals
various

2017 PROPOSED RATE DESIGNS

Prepared by:



Current Rates		2017 PROPOSED RATE DESIGNS	
Monthly Customer Charge:		Monthly Customer Charge:	
Fixed charge per	\$ 30.3300	Fixed charge per	\$ 31.452
Winter Block 1 (0 - All kWh)		Winter Block 1 (0 - All kWh)	
Summer Block 1 (0 - All kWh)	\$ -	Summer Block 1 (0 - All kWh)	\$ -
Revenues from Current Rates	\$ 114,449	Revenues from Proposed Rates	\$ 118,683
		Percentage Change from Current	3.70%