

Holyoke Gas & Electric Dept's Electric Rate Comparison Summary - March 2016

JJZ 3-4-2016

Reviewed by Jats

Class Customer	Size	Savings from Other Munis				Savings from Other IOUs			
		% Range		\$/kWh Range		% Range		\$/kWh Range	
Rates have PPA component:									
Residential	500 kWh	8.5%	12.9%	0.0102	0.0155	78.3%	87.0%	0.0941	0.1045
C Small	13 kW, 3000 kWh	-1.8%	3.9%	-0.0024	0.0053	51.8%	58.0%	0.0707	0.0792
I Small	13 kW, 3000 kWh	1.4%	7.2%	0.0018	0.0095	56.6%	63.0%	0.0749	0.0834
C Small-Mid	40 kW, 10000 kWh	1.2%	19.6%	0.0015	0.0255	63.6%	70.2%	0.0829	0.0914
I Small-Mid	40 kW, 10000 kWh	7.1%	26.6%	0.0088	0.0327	73.3%	80.2%	0.0902	0.0987
C Mid, Poor LF	100 kW, 18000 kWh	2.5%	35.3%	0.0032	0.0452	24.8%	25.3%	0.0318	0.0324
I Mid, Poor LF	100 kW, 18000 kWh	10.3%	45.6%	0.0123	0.0543	34.4%	34.8%	0.0409	0.0415
C Mid, Avg LF	100 kW, 36000 kWh	10.3%	30.8%	0.0122	0.0366	20.2%	20.7%	0.0240	0.0246
I Mid, Avg LF	100 kW, 36000 kWh	16.5%	38.2%	0.0186	0.0430	27.0%	27.5%	0.0304	0.0309
C Mid, Good LF	100 kW, 54000 kWh	8.7%	39.1%	0.0098	0.0437	22.8%	39.9%	0.0254	0.0445
I Mid, Good LF	100 kW, 54000 kWh	10.2%	40.9%	0.0112	0.0451	24.4%	41.7%	0.0269	0.0460
C Mid-Large	350 kW, 126000 kWh	1.7%	15.9%	0.0020	0.0185	16.8%	16.8%	0.0196	0.0196
C Large, Avg LF	1200 kW, 432000 kWh	3.8%	18.7%	0.0043	0.0212	18.5%	19.0%	0.0210	0.0216
C Large, Good LF	1160 kW, 520000 kWh	2.2%	19.4%	0.0025	0.0216	19.2%	19.7%	0.0213	0.0218
Rates do not have PPA component:									
I Mid-Large	350 kW, 126000 kWh	13.4%	29.2%	0.0140	0.0305	30.2%	30.2%	0.0316	0.0316
I Large, Avg LF	1200 kW, 432000 kWh	14.2%	30.6%	0.0147	0.0316	30.4%	31.0%	0.0314	0.0319
I Large, Good LF	1160 kW, 520000 kWh	14.0%	33.2%	0.0140	0.0330	32.9%	33.5%	0.0327	0.0333
I Xlarge, Good LF	4200 kW, 2500000 kWh	31.0%	57.6%	0.0257	0.0476	57.0%	57.6%	0.0471	0.0477
Large Gen, Good LF	5000 kW, 3,273,600 kWh	17.3%	18.9%	0.0149	0.0163	49.9%	94.8%	0.0430	0.0817

Legend: C=commercial, I=industrial, LF=load factor

Holyoke Gas & Electric Dept's ANNUAL ELECTRIC SAVINGS				
	Area Munis		Area IOUs	
	Annual Savings (\$) Range		Annual Savings (\$) Range	
Residential	1,078,301	1,632,945	9,913,605	11,009,718
Commercial	754,131	4,798,417	6,245,592	7,080,425
Industrial	731,648	1,913,126	2,266,100	2,473,055
Municipal	79,647	506,779	659,620	747,790
Total	\$ 2,643,727	\$ 8,851,267	\$ 19,084,917	\$ 21,310,987
\$/kWh Equivalent	0.0073	0.0243	0.0525	0.0586

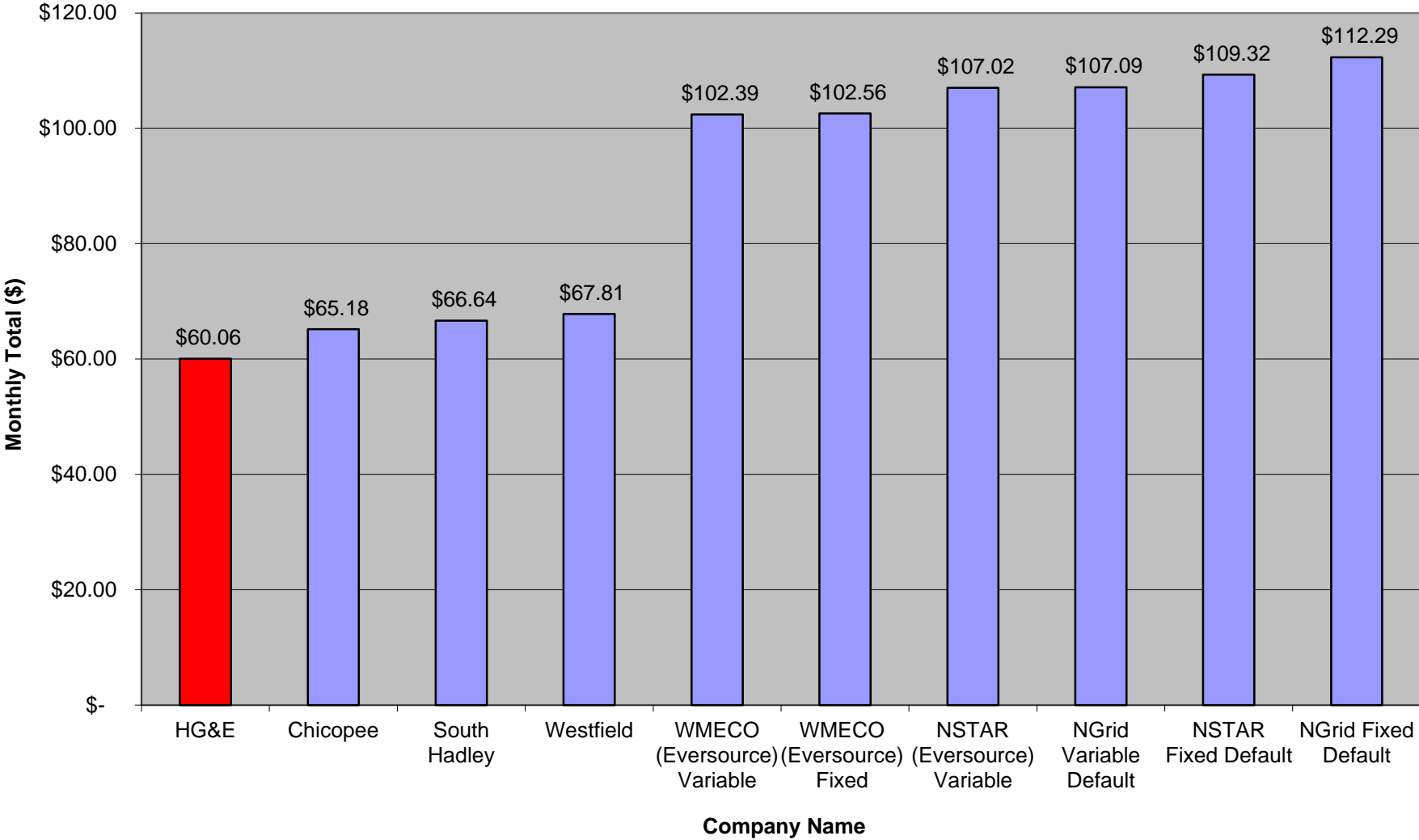
Current Month Changes:

New variable rates included for NGRID, WMECO & NSTAR.

NGRID made changes to rate components.

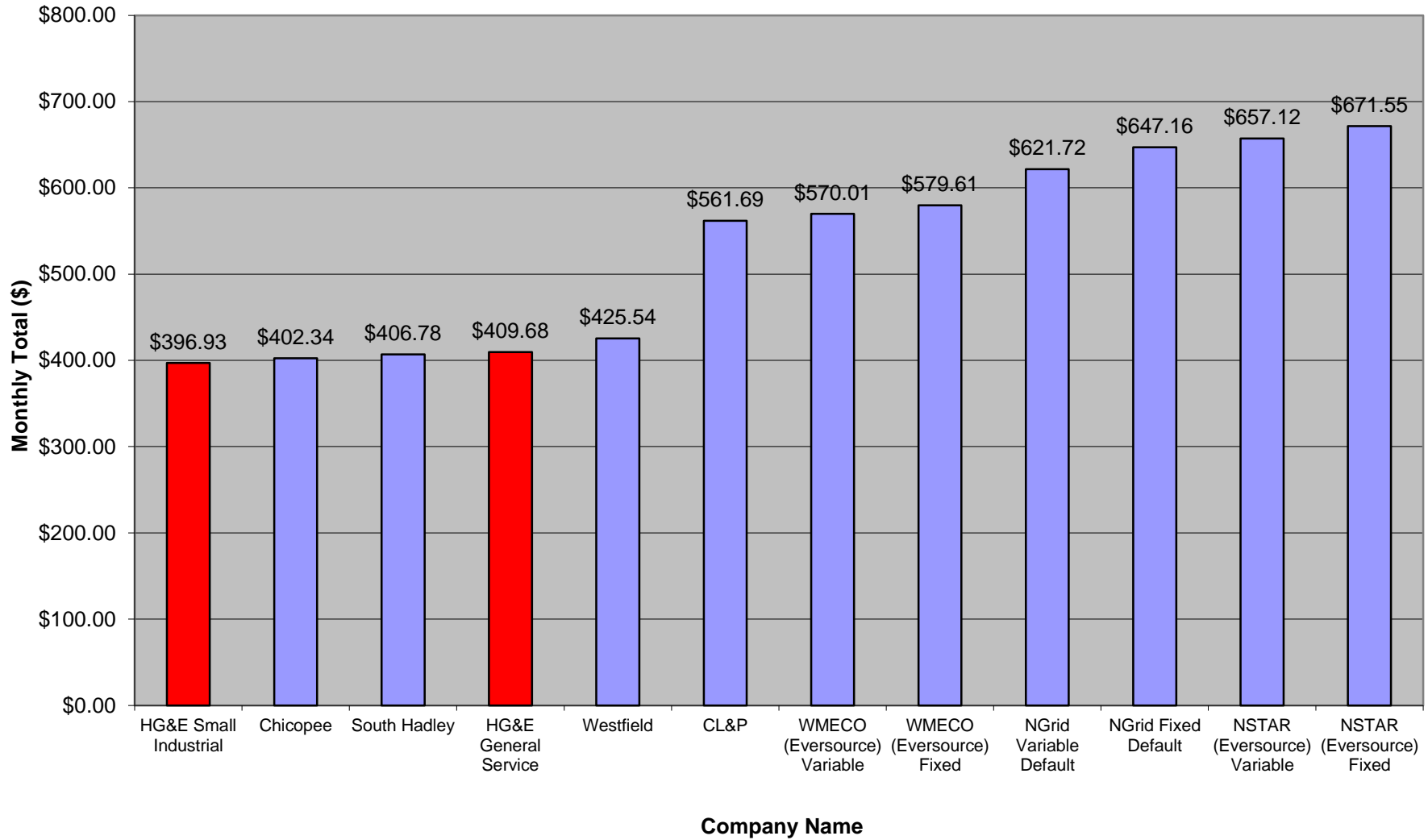
No changes for CELD, WG&E, SHELD & HG&E.

**Residential Electric Rate Comparison - 500 kWh Consumption
March 2016**

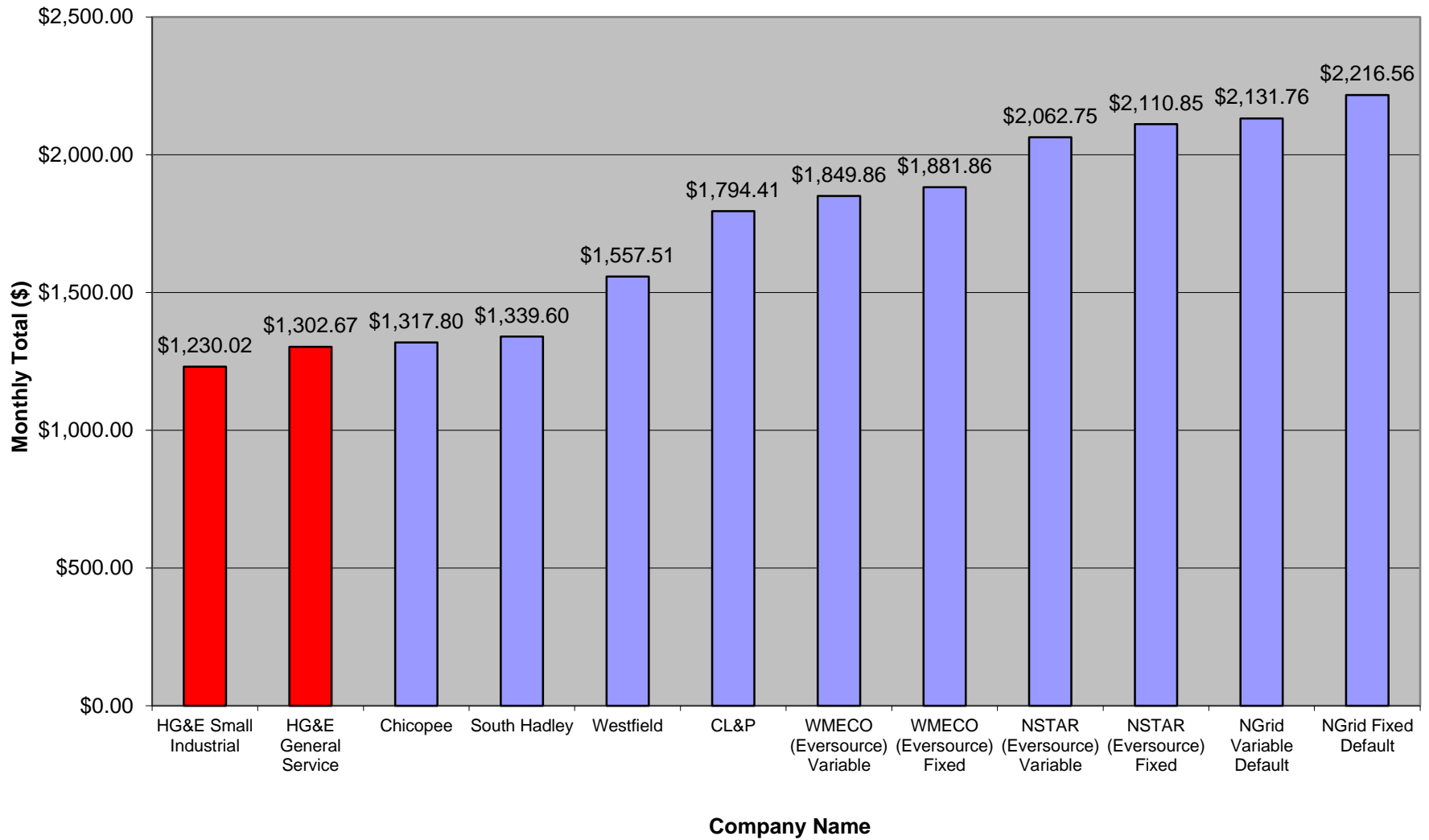


Holyoke, Westfield, Chicopee, and South Hadley are municipal utilities
 WMECO serves Easthampton, Southampton, Springfield, and West Springfield
 NationalGrid (NGrid, formerly MassElectric) serves Granby and Northampton

Commercial and Industrial Electric Rate Comparison - (13 kW 3,000 kWh)
March 2016

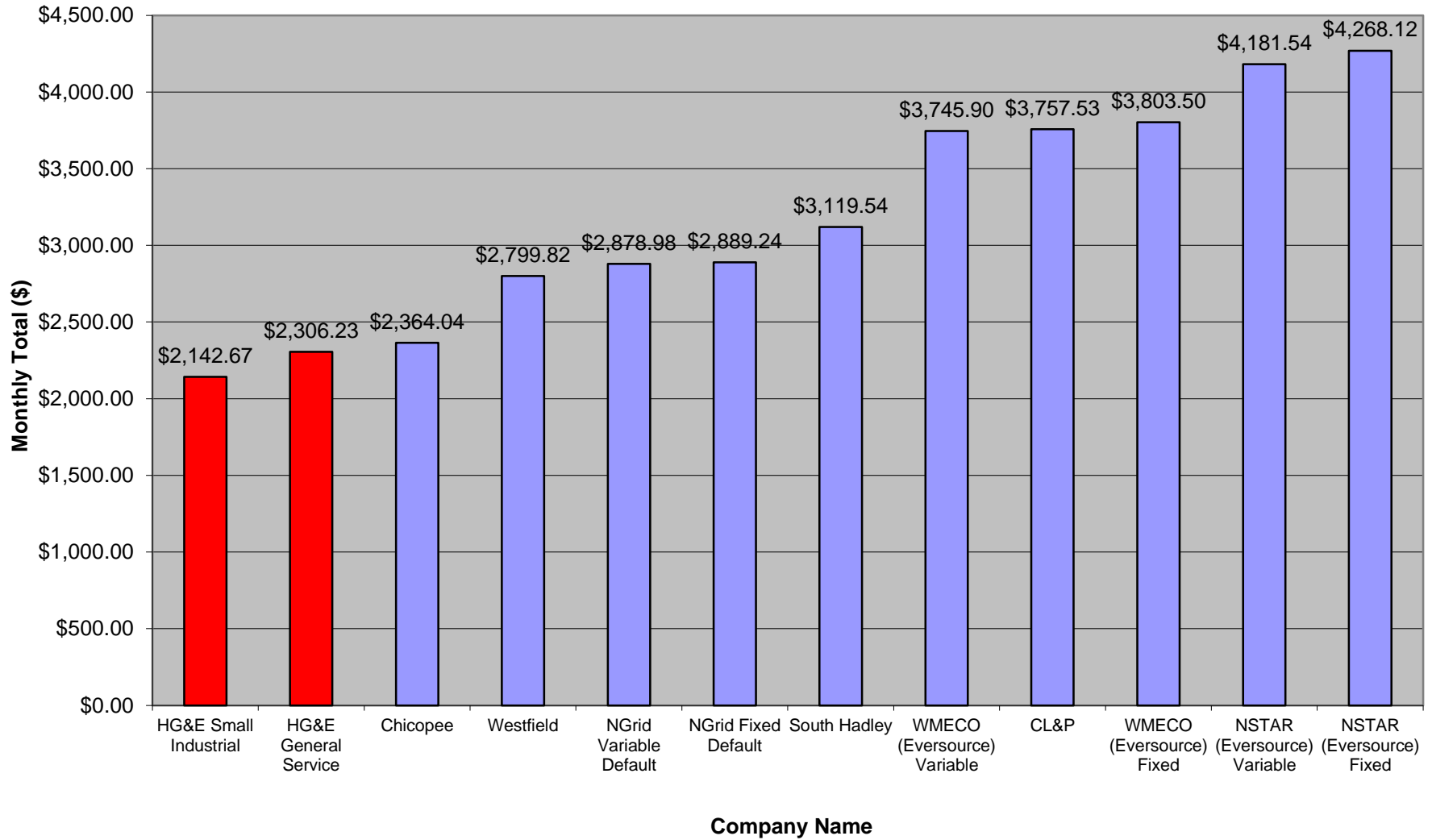


**Commercial and Industrial Electric Rate Comparison - (40 kW 10,000 kWh)
March 2016**

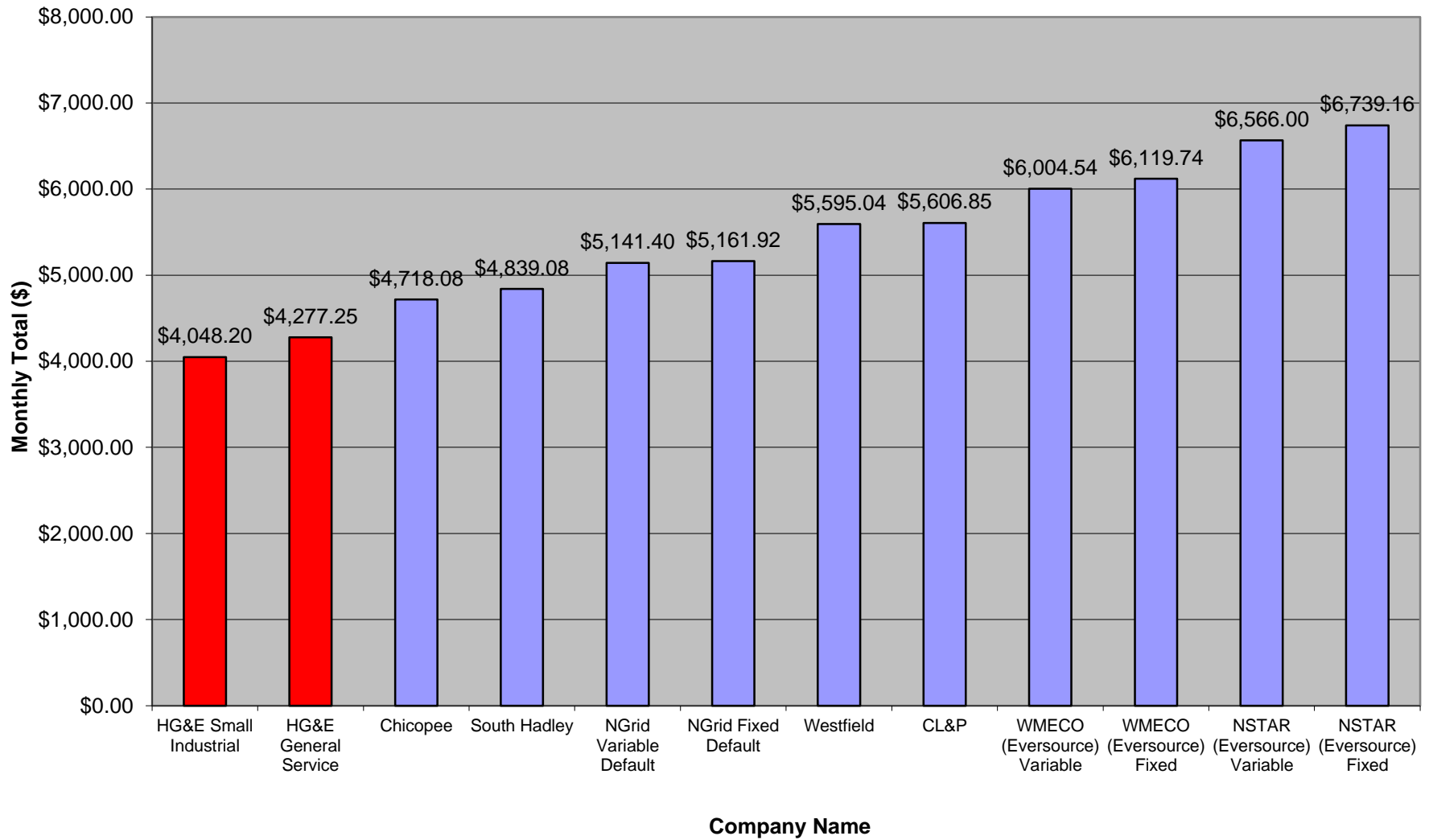


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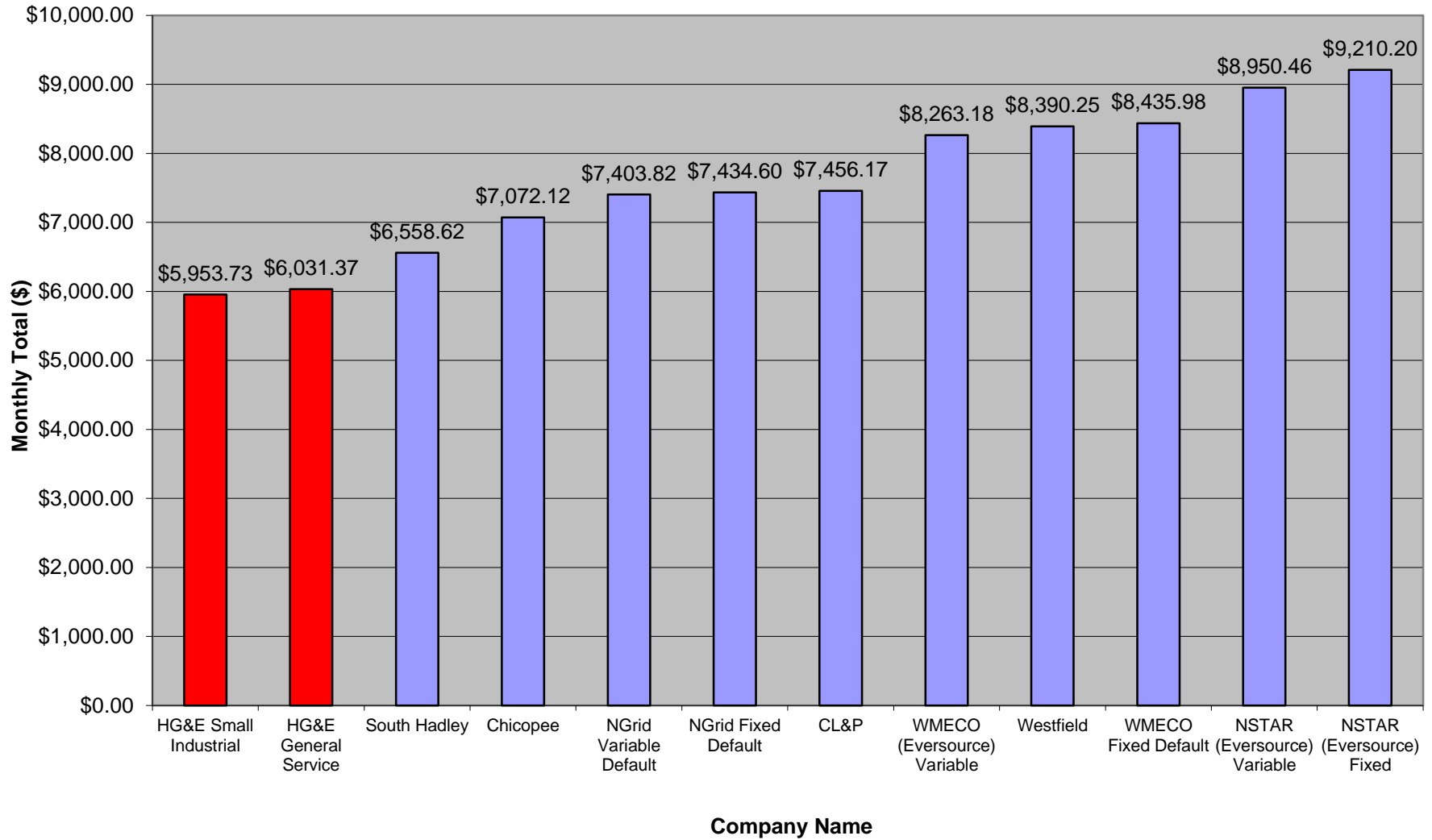
**Commercial and Industrial Electric Comparison - (100 kW 18,000 kWh, 25% Load Factor)
March 2016**



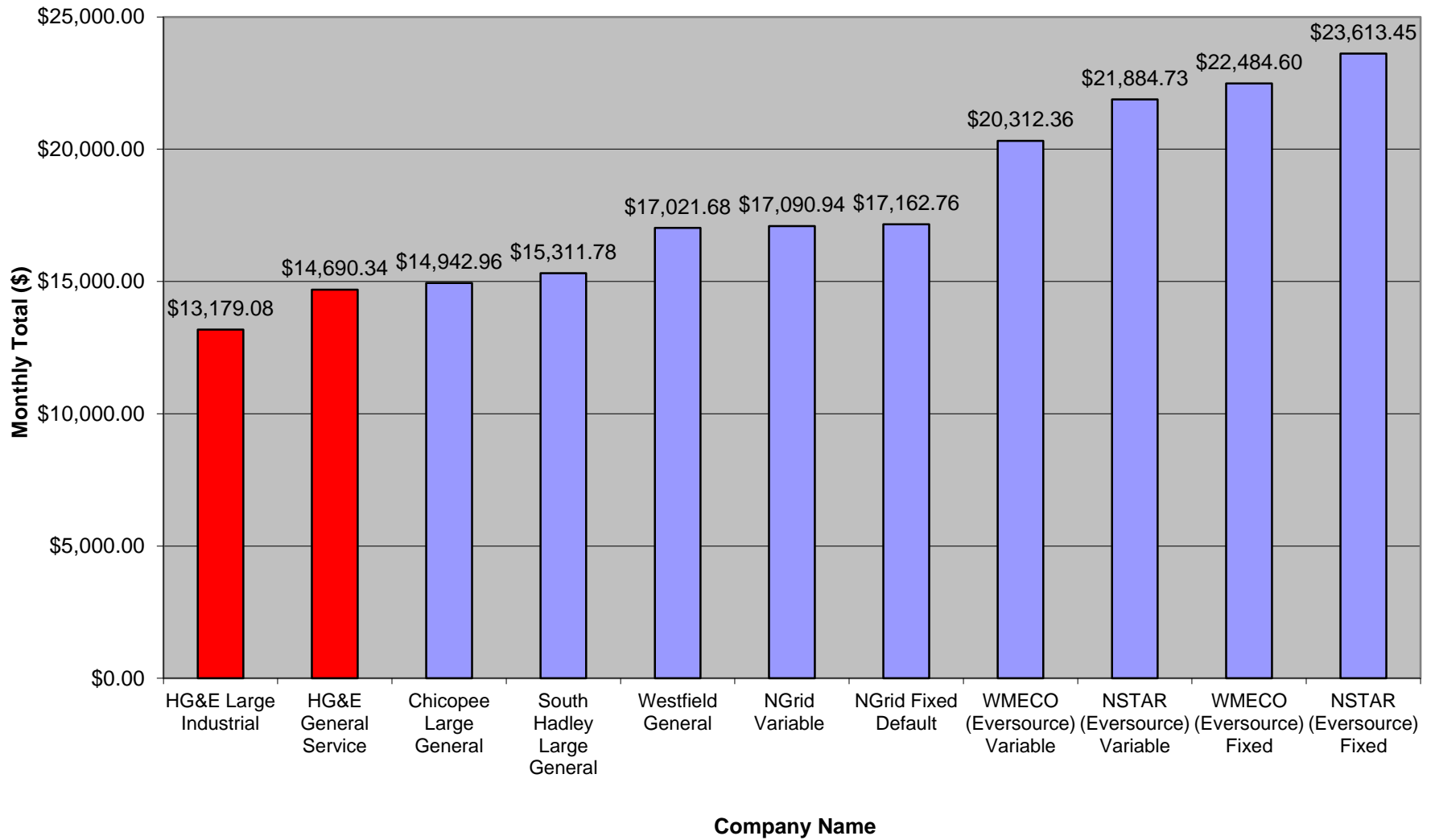
**Commercial and Industrial Electric Comparison - (100 kW 36,000 kWh, 50% Load Factor)
March 2016**



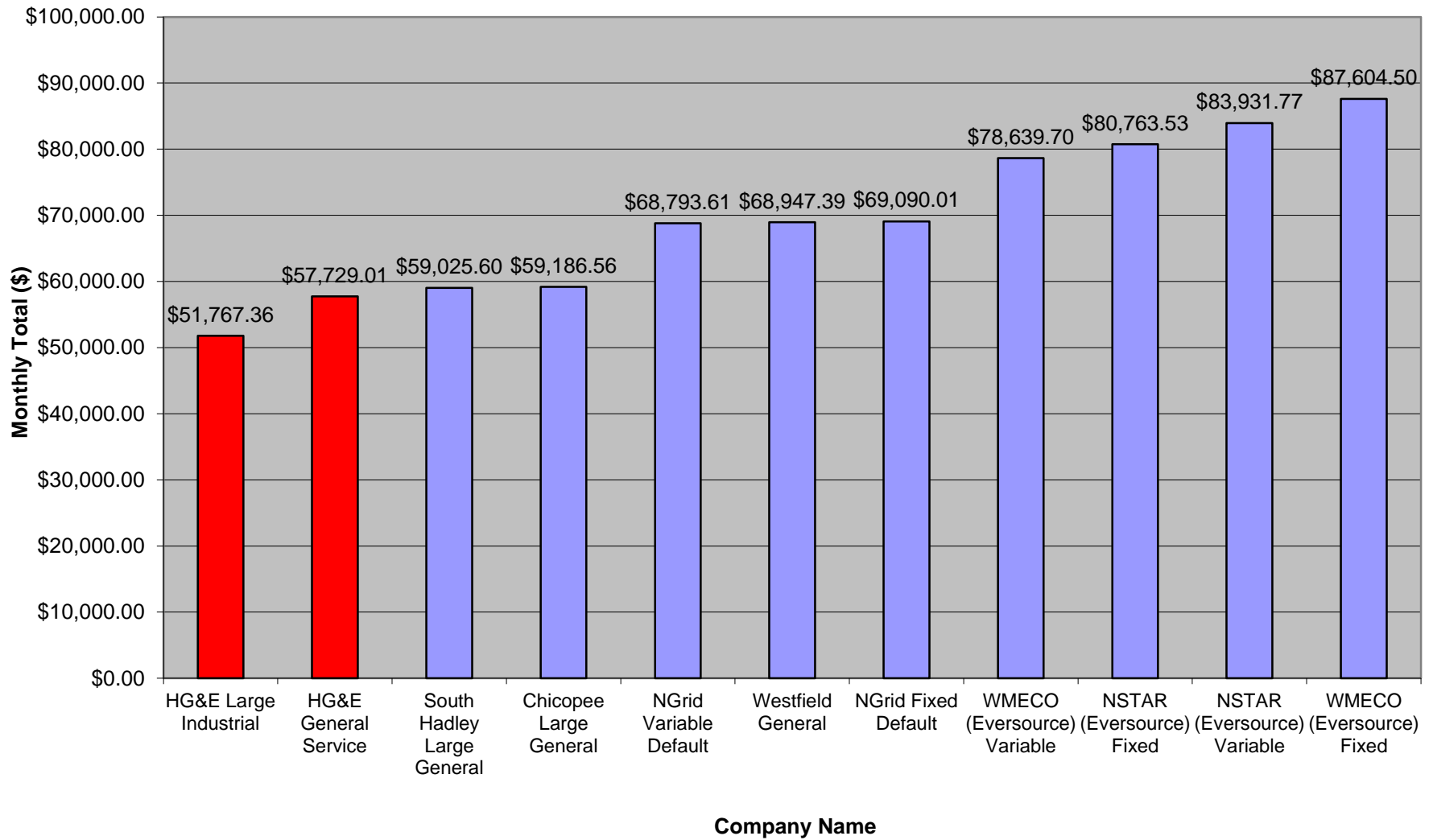
**Commercial and Industrial Electric Comparison - (100 kW 54,000 kWh, 75% Load Factor)
March 2016**



**Commercial and Industrial Electric Rate Comparison - (350 kW 126,000 kWh, 50% Load Factor)
March 2016**

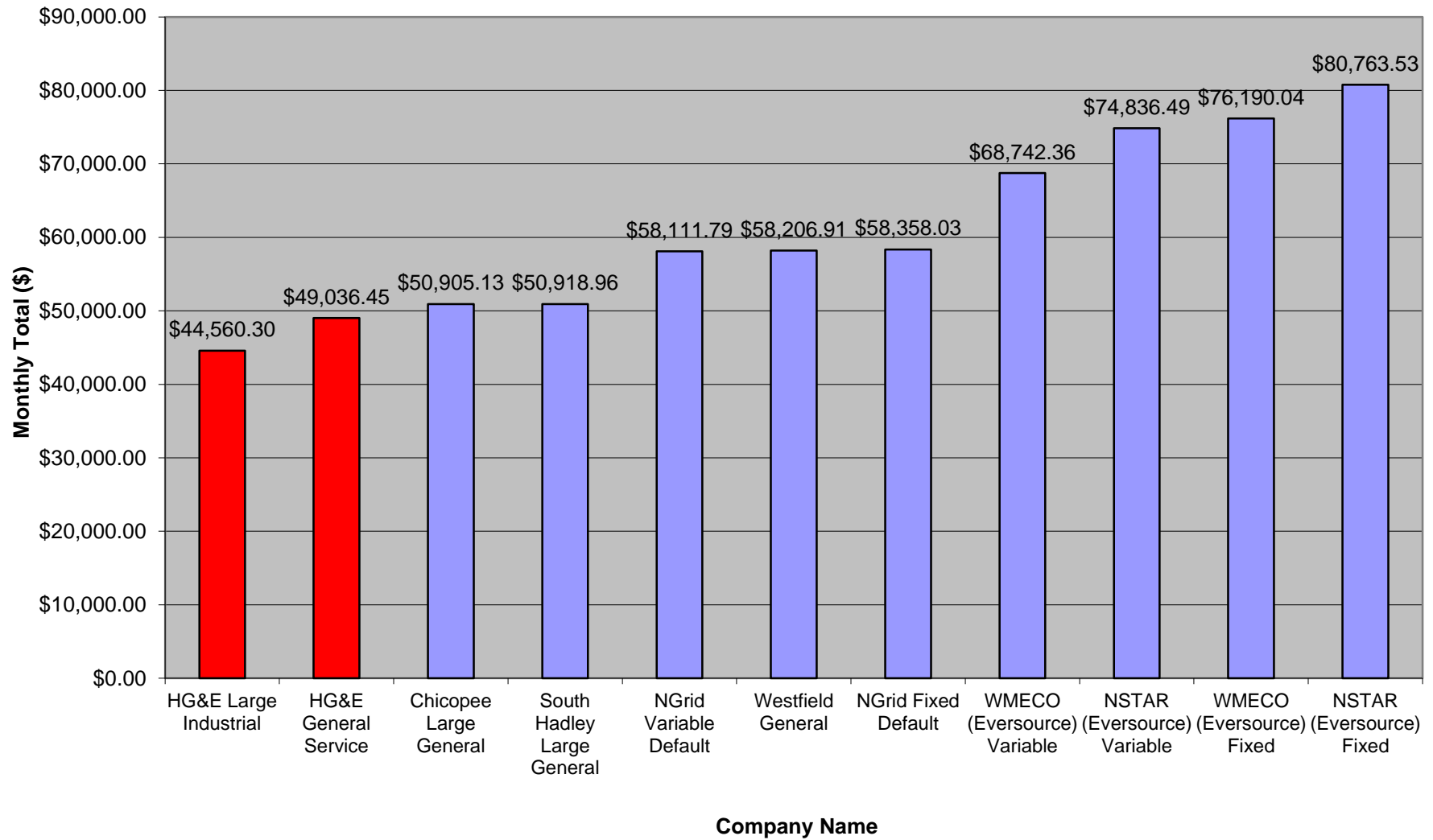


**Commercial and Industrial Electric Rate Comparison - (1,160 kW 520,000 kWh, 62% Load Factor)
March 2016**

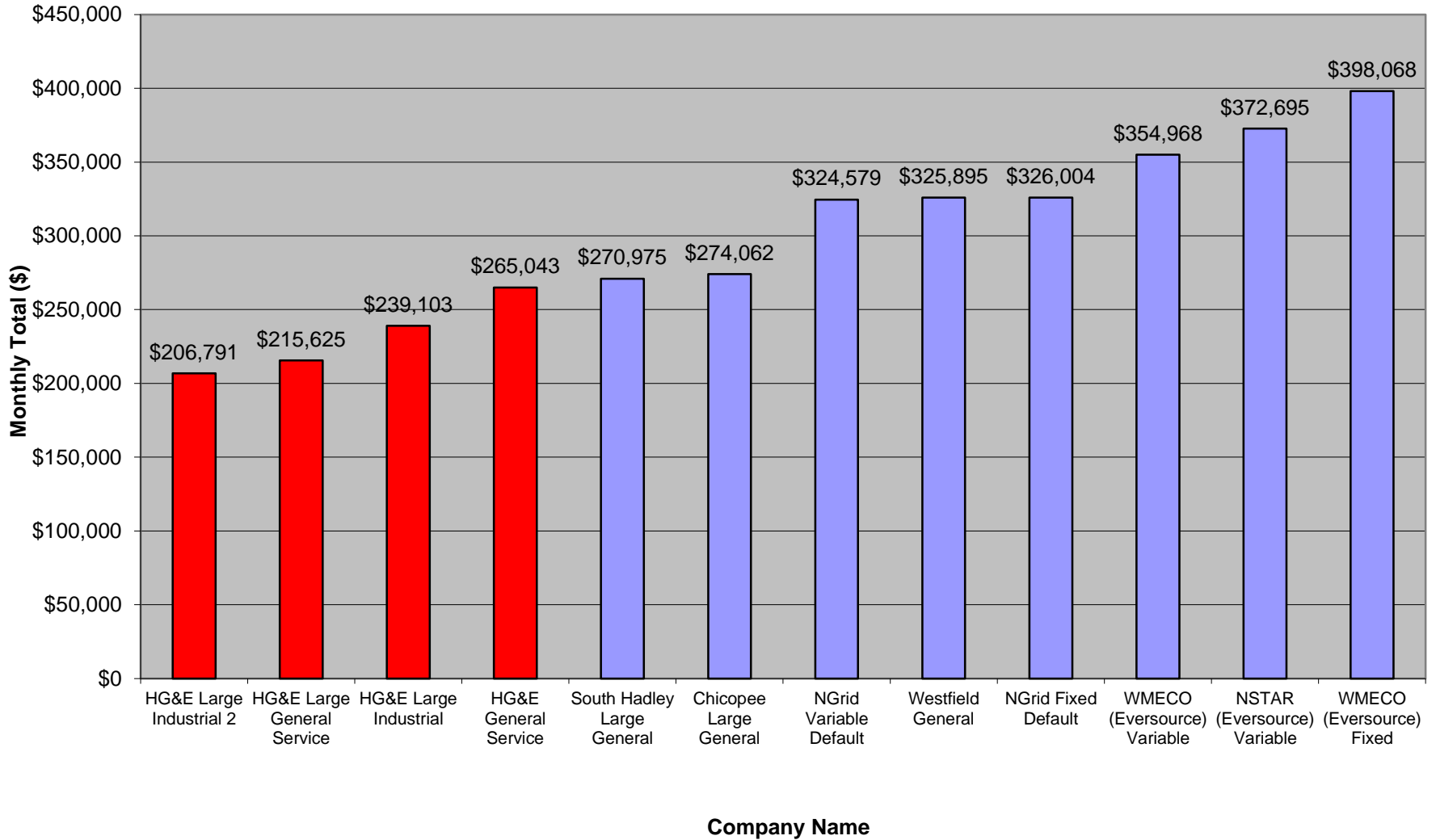


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**Commercial and Industrial Electric Comparison - (1,200 kW 432,000 kWh, 50% Load Factor)
March 2016**



**Commercial and Industrial Electric Comparison - (4,200 kW 2,500,000 kWh, 82.7% Load Factor)
March 2016**



**Large General Services Comparison - (5,000 kW 3,273,600 kWh, 88% Load Factor)
March 2016**

