

Holyoke Gas & Electric Dept's Electric Rate Comparison Summary - July 2017

JJZ 6-1-2017

Reviewed by Jats

Class Customer	Size	Savings from Other Munis				Savings from Other IOUs (WMECO \$ NGrid Only)			
		% Range		\$/kWh Range		% Range		\$/kWh Range	
Rates have PPA component:									
Residential	500 kWh	0.9%	11.6%	0.0010	0.0139	68.4%	84.0%	0.0822	0.1008
C Small	13 kW, 3000 kWh	-9.6%	-1.8%	-0.0131	-0.0024	30.5%	34.5%	0.0417	0.0471
I Small	13 kW, 3000 kWh	-6.7%	1.4%	-0.0088	0.0018	34.7%	38.8%	0.0459	0.0513
C Small-Mid	40 kW, 10000 kWh	-6.5%	12.5%	-0.0084	0.0162	35.0%	39.2%	0.0456	0.0510
I Small-Mid	40 kW, 10000 kWh	-1.0%	19.1%	-0.0012	0.0235	43.0%	47.4%	0.0529	0.0583
C Mid, Poor LF	100 kW, 18000 kWh	2.5%	27.2%	0.0032	0.0348	27.5%	58.5%	0.0353	0.0750
I Mid, Poor LF	100 kW, 18000 kWh	10.3%	36.9%	0.0123	0.0439	37.3%	70.6%	0.0444	0.0841
C Mid, Avg LF	100 kW, 36000 kWh	4.4%	22.8%	0.0052	0.0271	32.3%	45.1%	0.0384	0.0536
I Mid, Avg LF	100 kW, 36000 kWh	10.3%	29.7%	0.0116	0.0334	39.8%	53.3%	0.0447	0.0600
C Mid, Good LF	100 kW, 54000 kWh	-0.6%	30.5%	-0.0006	0.0341	27.4%	54.2%	0.0306	0.0605
I Mid, Good LF	100 kW, 54000 kWh	0.7%	32.2%	0.0008	0.0355	29.1%	56.2%	0.0321	0.0619
C Mid-Large	350 kW, 126000 kWh	7.2%	25.4%	0.0074	0.0264	32.3%	41.6%	0.0335	0.0432
C Large, Avg LF	1200 kW, 432000 kWh	6.5%	28.2%	0.0065	0.0285	34.6%	44.2%	0.0349	0.0447
C Large, Good LF	1160 kW, 520000 kWh	4.4%	28.4%	0.0044	0.0280	34.3%	44.2%	0.0339	0.0436
Rates do not have PPA component:									
I Mid-Large	350 kW, 126000 kWh	4.6%	22.4%	0.0049	0.0238	29.1%	38.2%	0.0309	0.0406
I Large, Avg LF	1200 kW, 432000 kWh	2.7%	23.7%	0.0029	0.0248	29.9%	39.2%	0.0313	0.0410
I Large, Good LF	1160 kW, 520000 kWh	2.1%	25.5%	0.0022	0.0258	31.4%	41.0%	0.0317	0.0414
I Xlarge, Good LF	4200 kW, 2500000 kWh	18.0%	49.2%	0.0150	0.0409	49.2%	67.3%	0.0408	0.0558
Large Gen, Good LF	5000 kW, 3,273,600 kWh	17.1%	17.3%	0.0148	0.0149	33.8%	60.0%	0.0291	0.0518

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

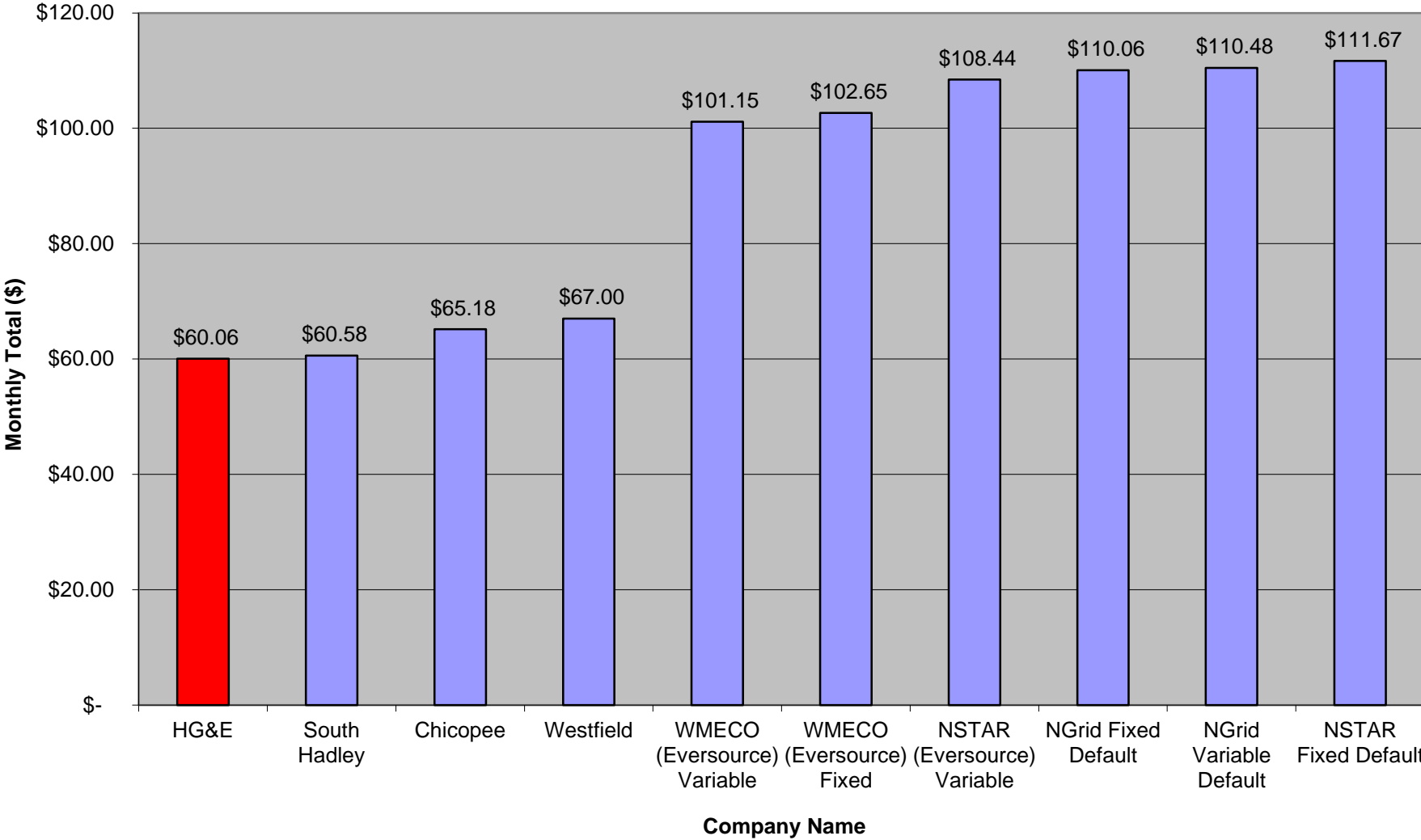
Holyoke Gas & Electric Dept's ANNUAL ELECTRIC SAVINGS				
	Area Munis		Area IOUs	
	Annual Savings (\$) Range		Annual Savings (\$) Range	
Residential	107,804	1,451,177	8,593,090	10,544,235
Commercial	219,546	4,553,769	6,679,858	9,507,181
Industrial	256,063	1,491,889	2,008,179	2,807,158
Municipal	23,687	491,305	720,688	1,025,727
Total	\$ 607,100	\$ 7,988,140	\$ 18,001,815	\$ 23,884,301
\$/kWh Equivalent	0.0017	0.0220	0.0495	0.0657

Changes in past month:

New Variable Rates for NGRID, NSTAR and Eversource.

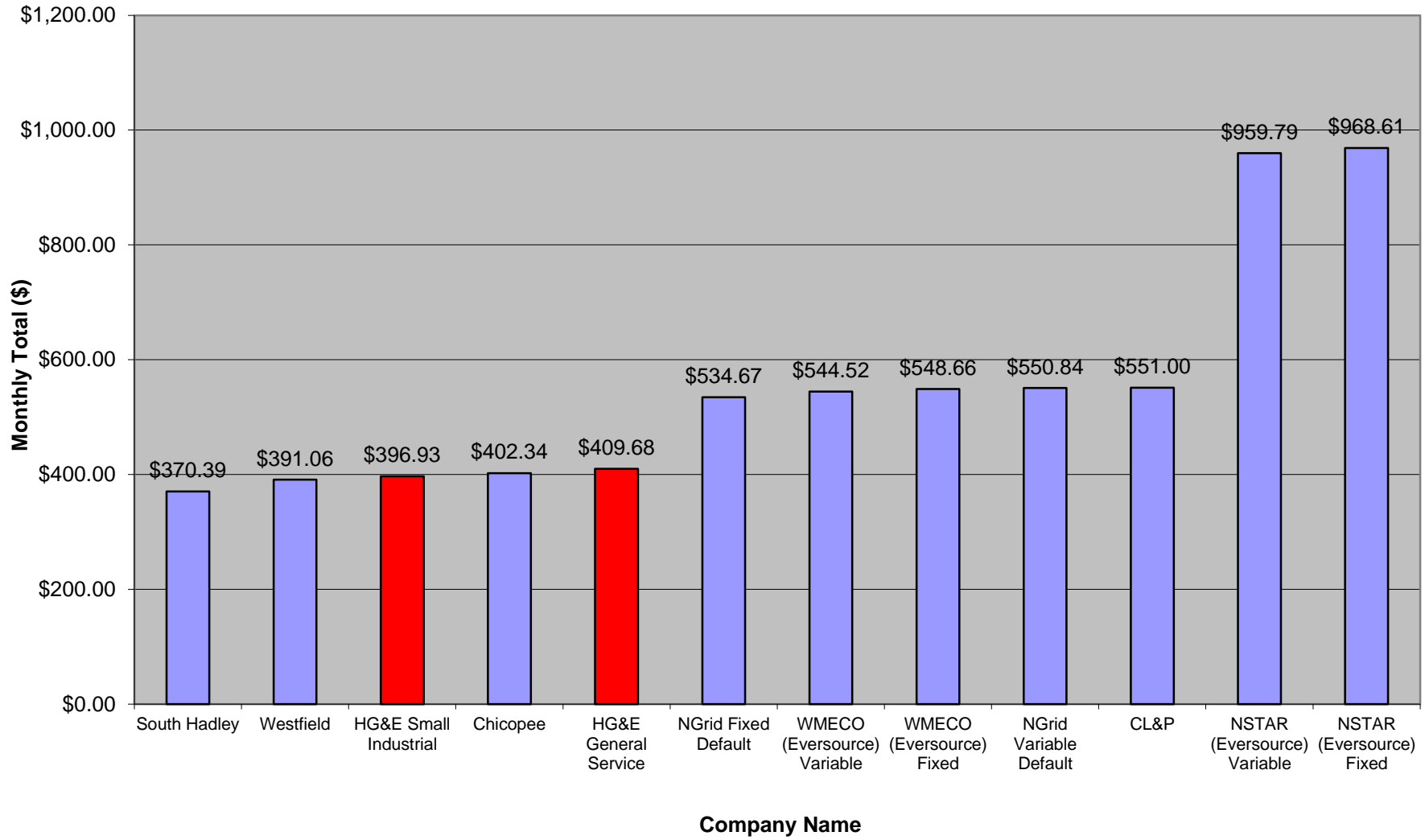
No new changes for CELD, WG&E, HG&E or SHELD.

**Residential Electric Rate Comparison - 500 kWh Consumption
July 2017**

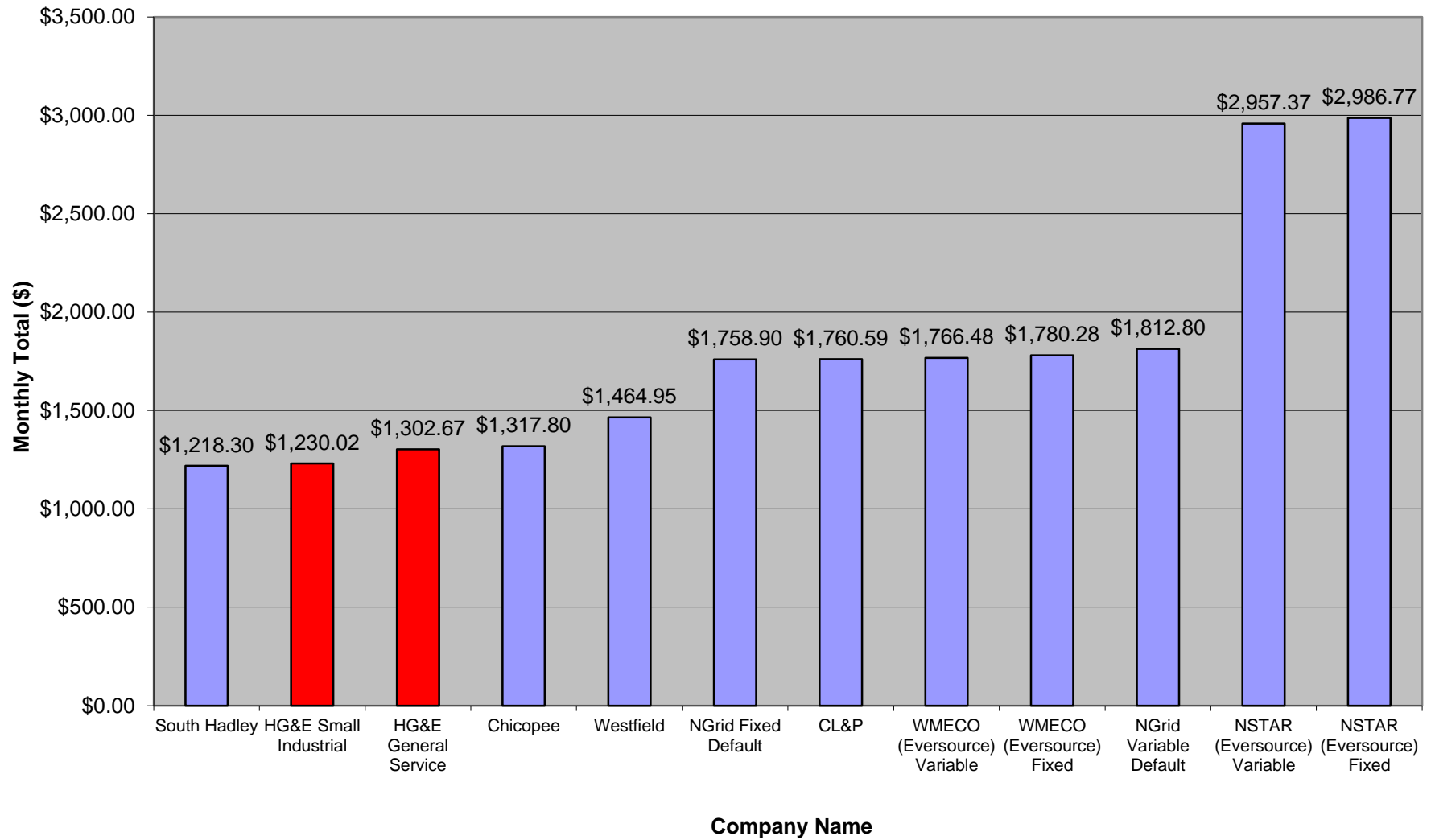


Holyoke, Westfield, Chicopee, and South Hadley are municipal utilities
 WMECO serves Easthampton, Southampton, Springfield, and West Springfield
 NationalGrid (NGrid, formerly MassElectric) serves Granby and Northampton

Commercial and Industrial Electric Rate Comparison - (13 kW 3,000 kWh)
July 2017

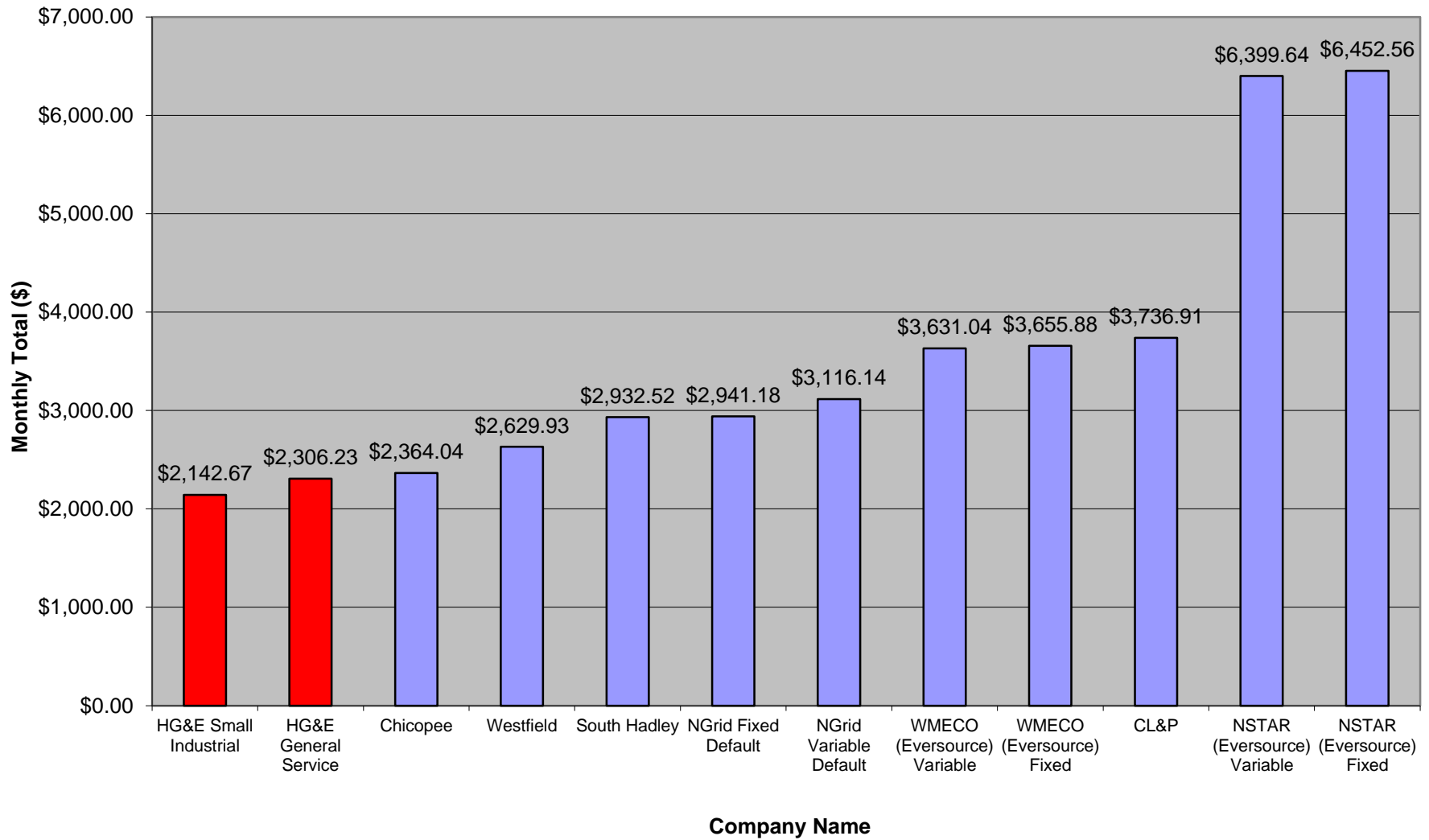


**Commercial and Industrial Electric Rate Comparison - (40 kW 10,000 kWh)
July 2017**

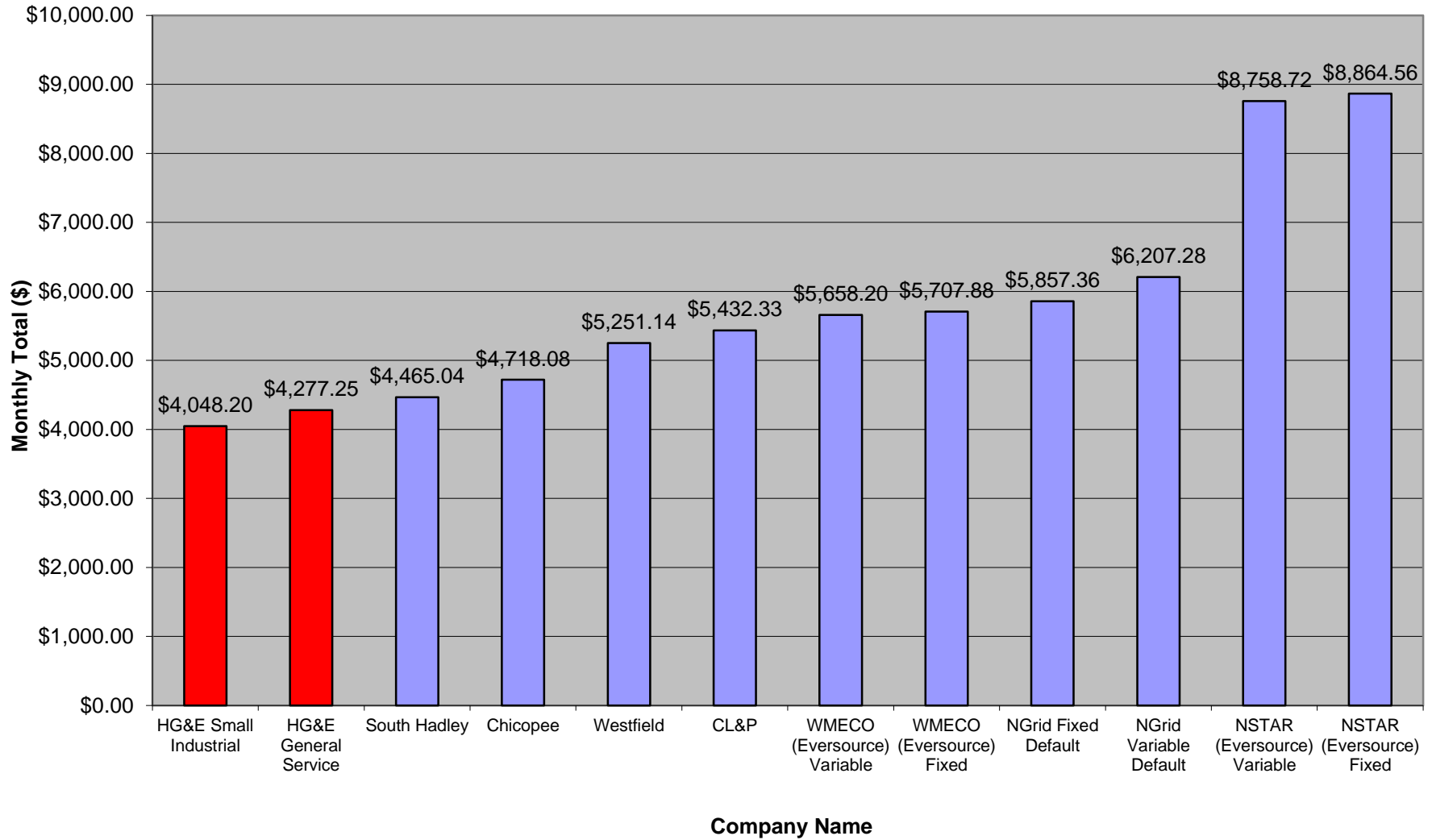


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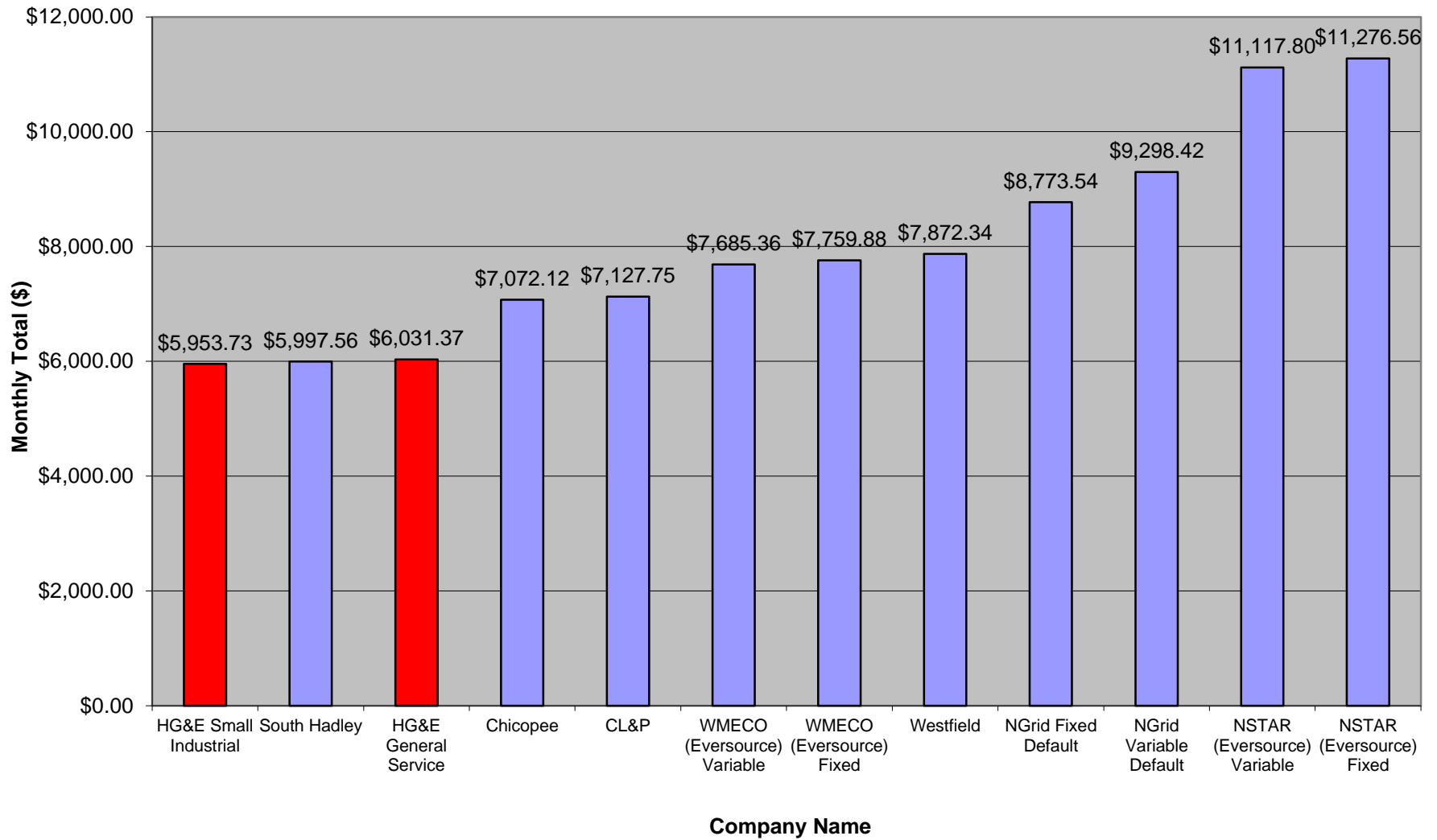
**Commercial and Industrial Electric Comparison - (100 kW 18,000 kWh, 25% Load Factor)
July 2017**



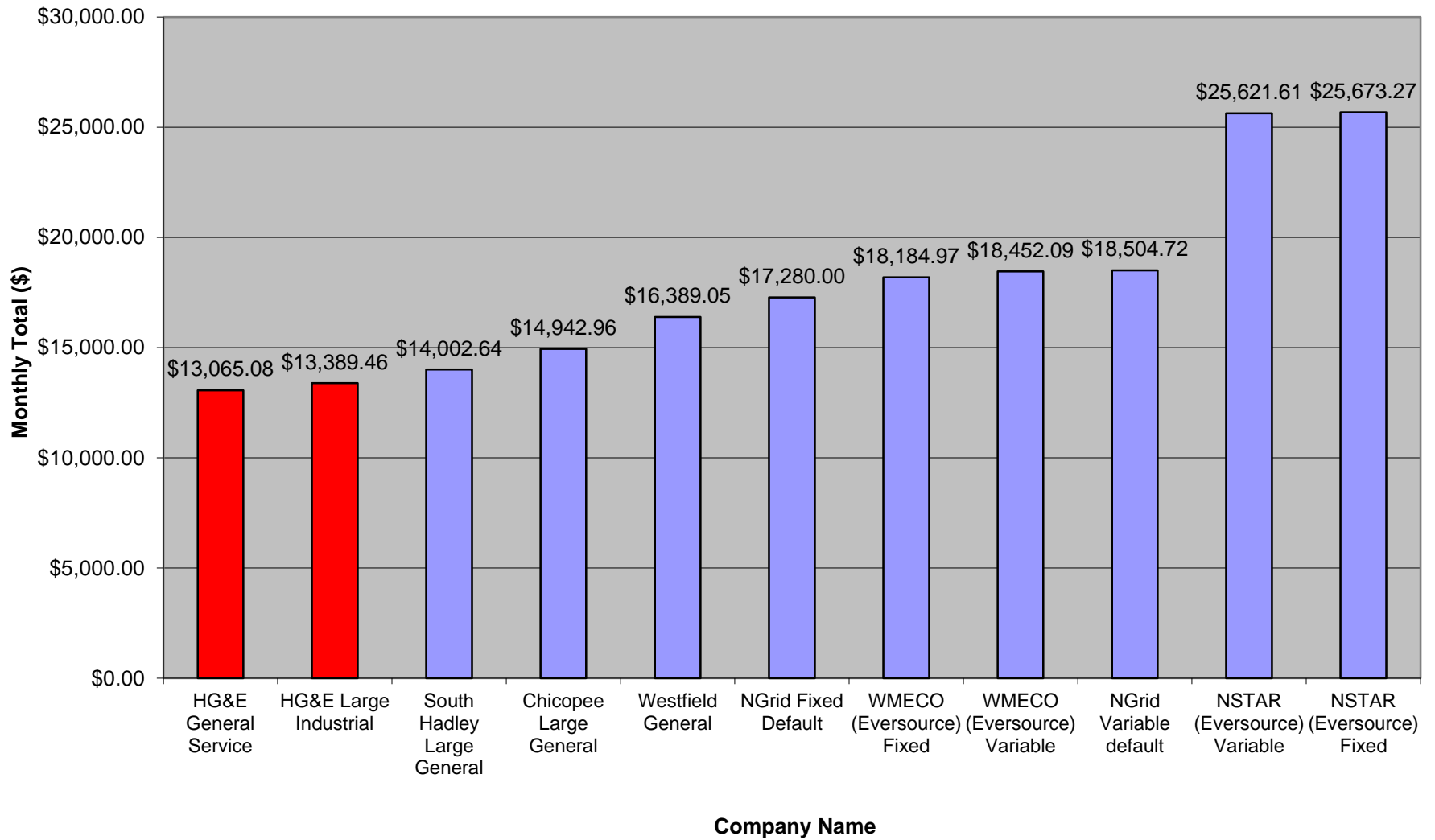
**Commercial and Industrial Electric Comparison - (100 kW 36,000 kWh, 50% Load Factor)
July 2017**



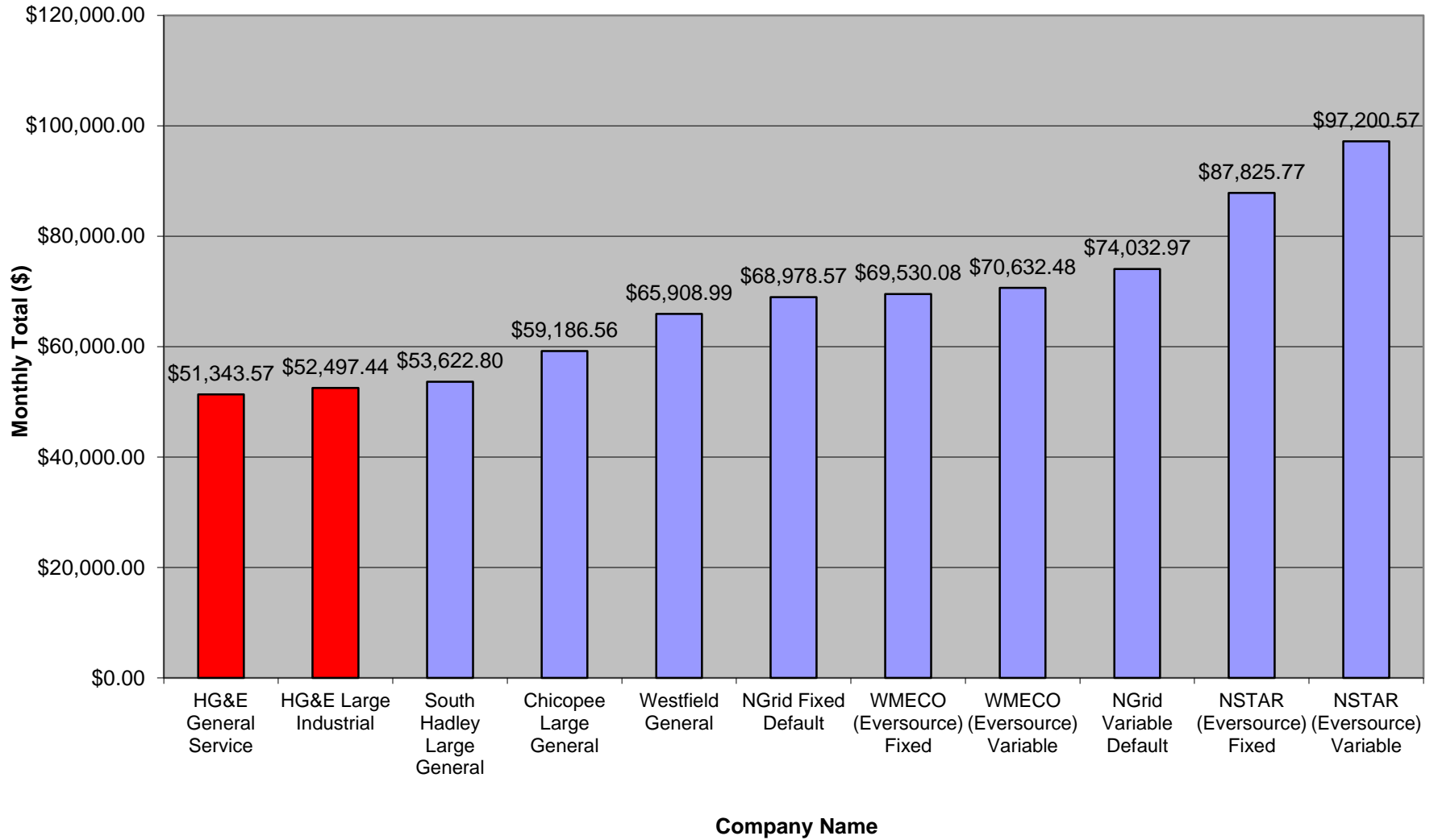
**Commercial and Industrial Electric Comparison - (100 kW 54,000 kWh, 75% Load Factor)
July 2017**



**Commercial and Industrial Electric Rate Comparison - (350 kW 126,000 kWh, 50% Load Factor)
July 2017**

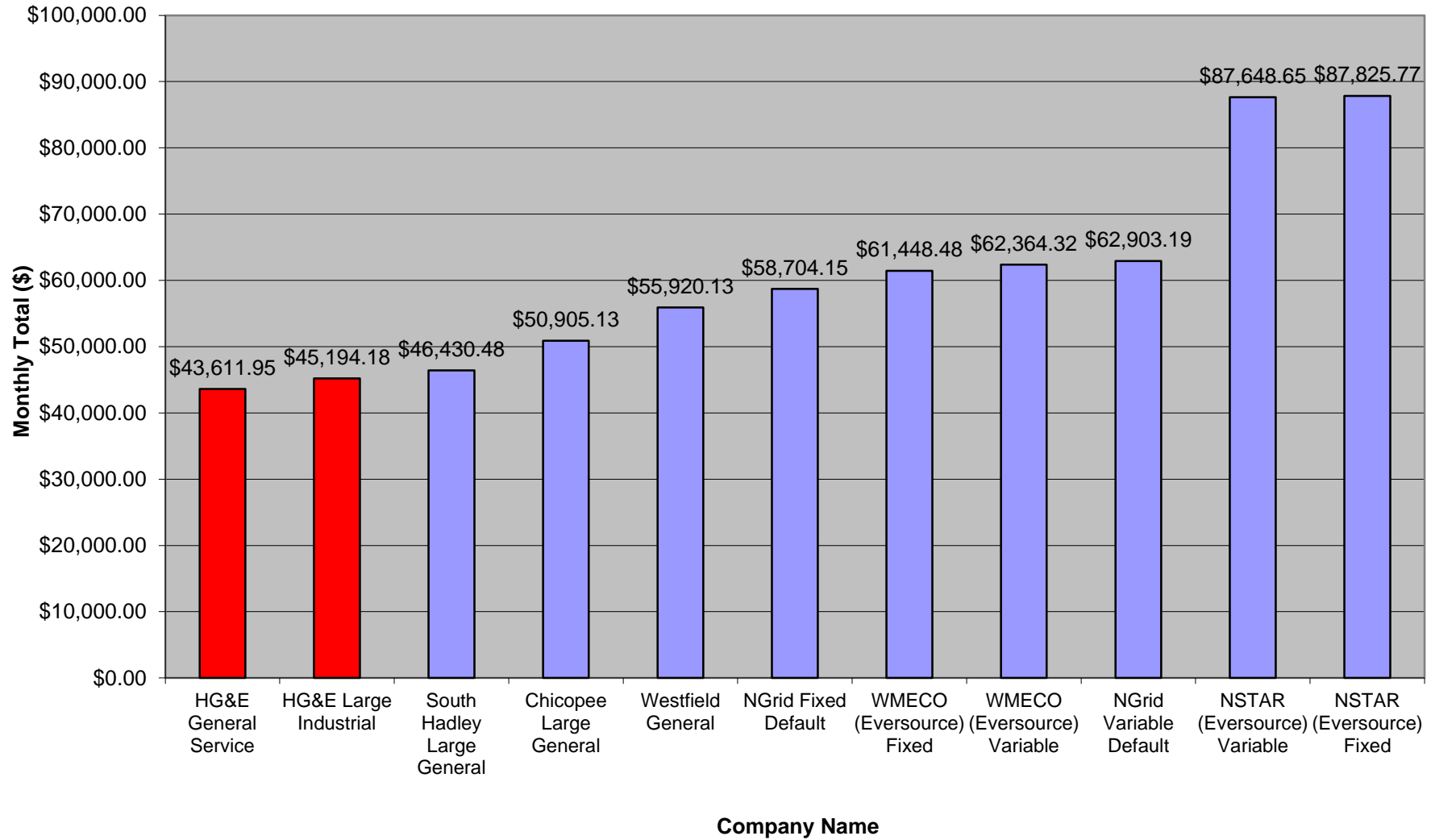


**Commercial and Industrial Electric Rate Comparison - (1,160 kW 520,000 kWh, 62% Load Factor)
July 2017**

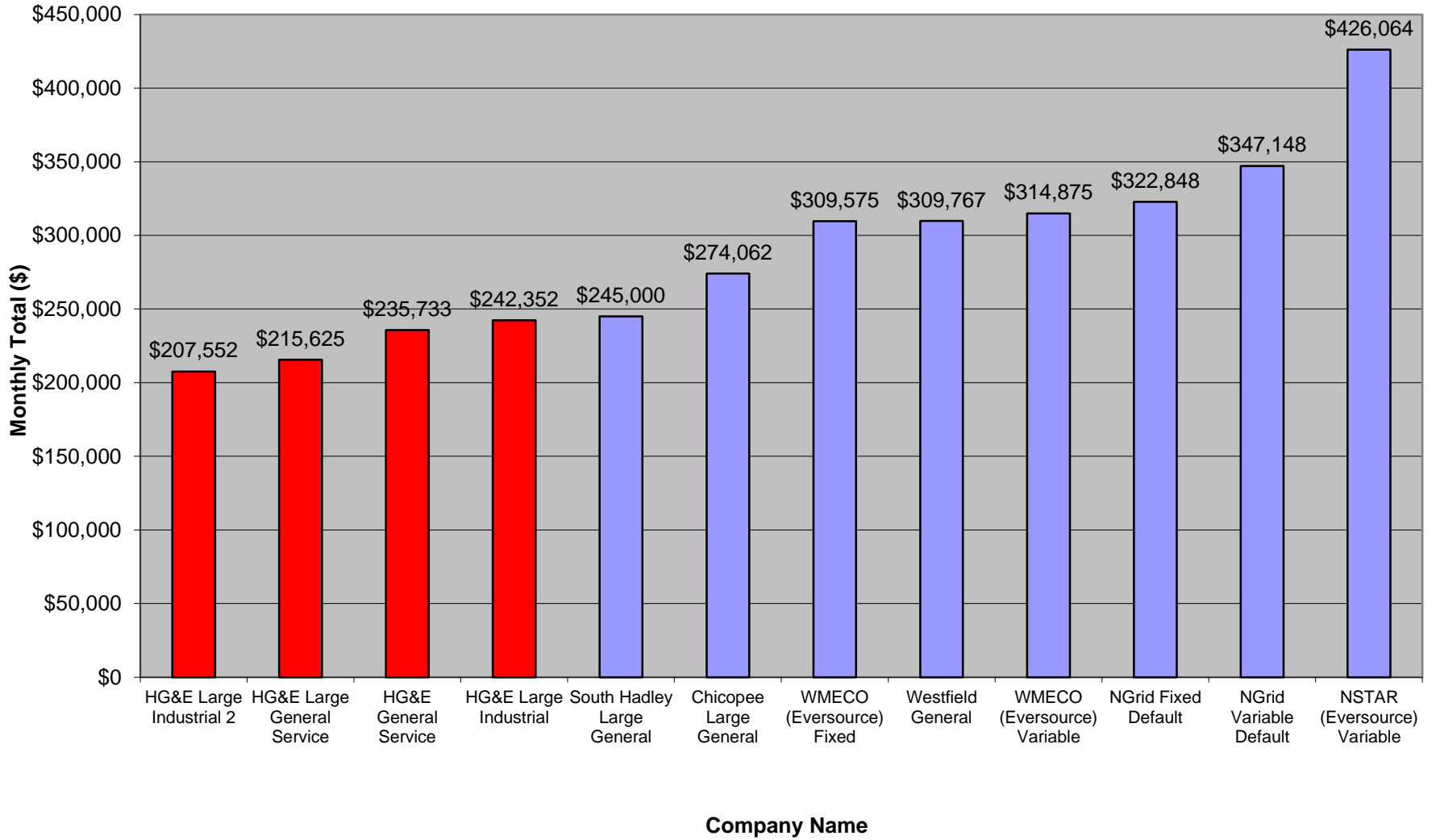


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**Commercial and Industrial Electric Comparison - (1,200 kW 432,000 kWh, 50% Load Factor)
July 2017**



**Commercial and Industrial Electric Comparison - (4,200 kW 2,500,000 kWh, 82.7% Load Factor)
July 2017**



**Large General Services Comparison - (5,000 kW 3,273,600 kWh, 88% Load Factor)
July 2017**

