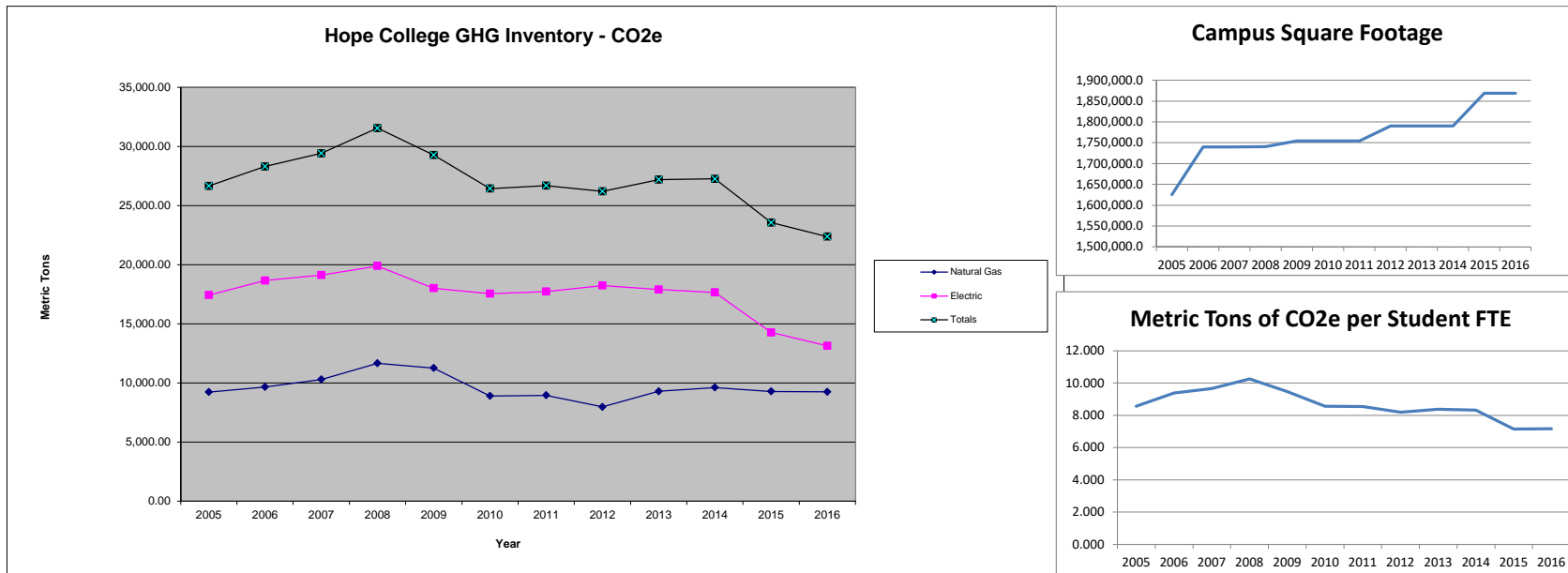




GHG Inventory for Hope College (CO2e) in Metric Tons

	Natural Gas central boiler & residential use		Heating Degree Days for 65 F HDD		Electric purchased from fossil fuel sources		Cooling Degree Days for 65 F CDD		Totals of all measured quantities		Campus Square Footage	Metric Tons per Student FTE		Metric Tons per sq ft			
	% Inc/Dec vs baseline		% Inc/Dec vs baseline		% Inc/Dec vs baseline		% Inc/Dec vs baseline		% Inc/Dec vs baseline			Fall Student FTE	% Inc/Dec vs baseline		% Inc/Dec vs baseline		
2005	9,230.31	baseline	6410	baseline	17,429.45	baseline	867	baseline	26,659.76	baseline	1,625,506	3112.8	baseline	8.565	baseline	0.0164	baseline
2006	9,654.17	4.59%	5682	-11.36%	18,654.56	7.03%	682	-21.34%	28,308.73	6.19%	1,739,717	3017.7	-3.06%	9.381	6.93%	0.0163	-0.79%
2007	10,295.52	11.54%	5945	-7.25%	19,122.03	9.71%	845	-2.54%	29,417.55	10.34%	1,739,717	3044.5	-2.19%	9.663	12.82%	0.0169	3.10%
2008	11,658.93	26.31%	6462	0.81%	19,888.82	14.11%	562	-35.18%	31,547.75	18.33%	1,740,817	3077.7	-1.13%	10.250	19.68%	0.0181	10.50%
2009	11,263.94	22.03%	6230	-2.81%	18,006.48	3.31%	496	-42.79%	29,270.42	9.79%	1,753,937	3087.3	-0.82%	9.481	10.70%	0.0167	1.75%
2010	8,898.24	-3.60%	5704	-11.01%	17,541.68	0.64%	1001	15.46%	26,439.92	-0.82%	1,753,937	3088.3	-0.79%	8.561	-0.04%	0.0151	-8.09%
2011	8,954.20	-2.99%	6092	-4.96%	17,731.04	1.73%	843	-2.77%	26,685.24	0.10%	1,753,937	3126.3	0.43%	8.536	-0.34%	0.0152	-7.23%
2012	7,968.34	-13.67%	5140	-19.81%	18,233.56	4.61%	1019	17.53%	26,201.90	-1.72%	1,790,121	3199.5	2.79%	8.189	-4.38%	0.0146	-10.76%
2013	9,290.64	0.65%	6330	-1.25%	17,903.93	2.72%	812	-6.34%	27,194.57	2.01%	1,790,121	3248.1	4.35%	8.372	-2.24%	0.0152	-7.37%
2014	9,606.79	4.08%	6991	9.06%	17,650.82	1.27%	570	-34.26%	27,257.61	2.24%	1,790,121	3276.0	5.24%	8.320	-2.85%	0.0152	-7.16%
2015	9,284.45	0.59%	6120	-4.52%	14,266.29	-18.15%	607	-29.99%	23,550.74	-11.66%	1,869,121	3298.0	5.95%	7.141	-16.62%	0.0126	-23.18%
2016	9,243.07	0.14%	5779	-9.84%	13,133.65	-24.65%	785	-9.46%	22,376.73	-16.07%	1,869,121	3119.0	0.20%	7.174	-16.23%	0.0120	-27.01%

Note: From 2015 forward, the Holland Board of Public Works uses renewable energy for a portion of its electric supply. This will continue to increase in subsequent years.



HDD and CDD data from: <http://www.weatherdatadepot.com/?gclid=CNGwh8mtjb0CFbFFMgod5xoAmQ>