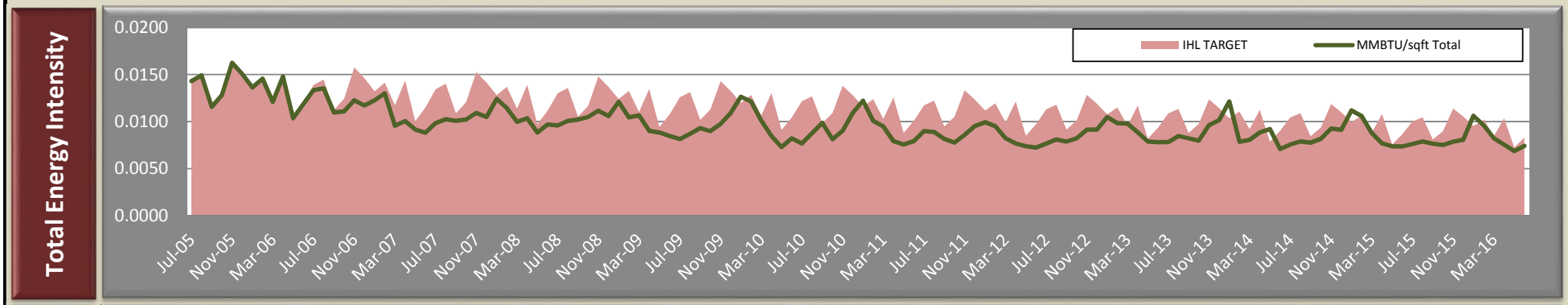
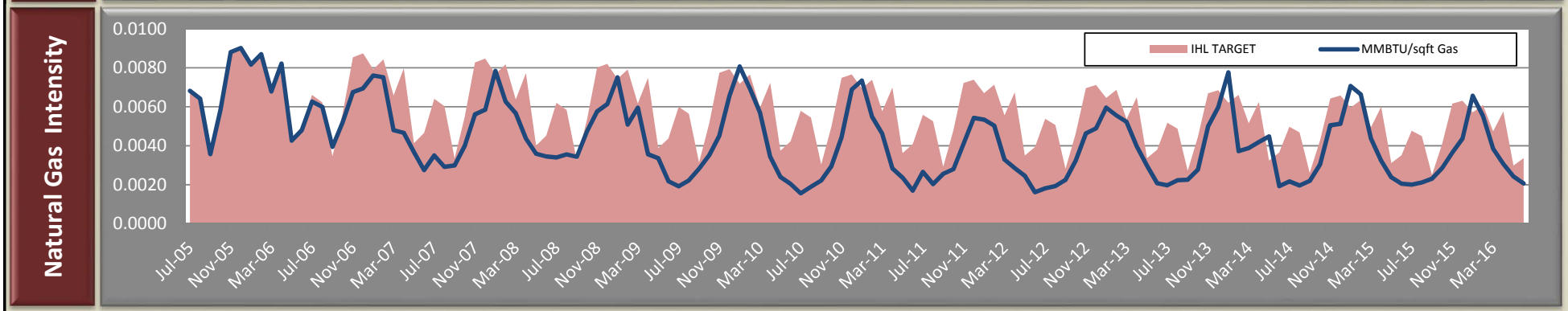
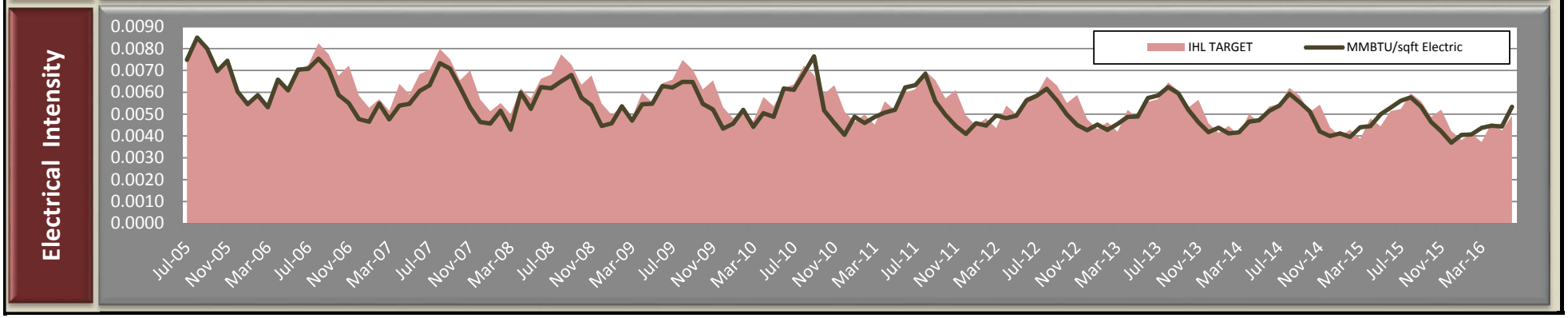
Energy Performance Trends - Monthly

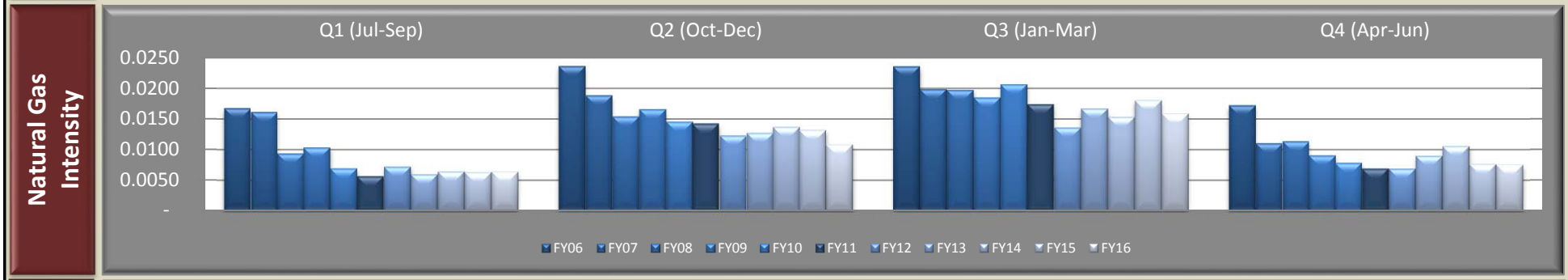


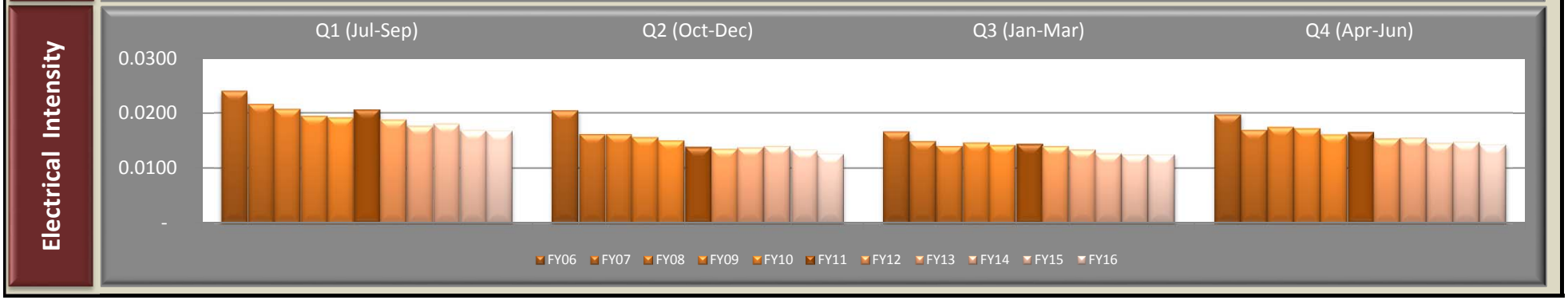




Energy Performance Trends - Quarterly

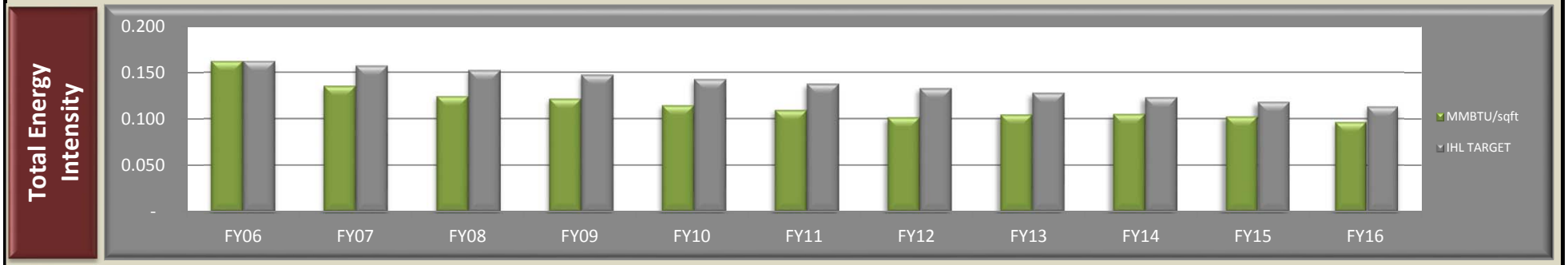
Cumulative Cost avoided through Q4 FY2016	$ 42,872,700	Compared to Baseline FY2006

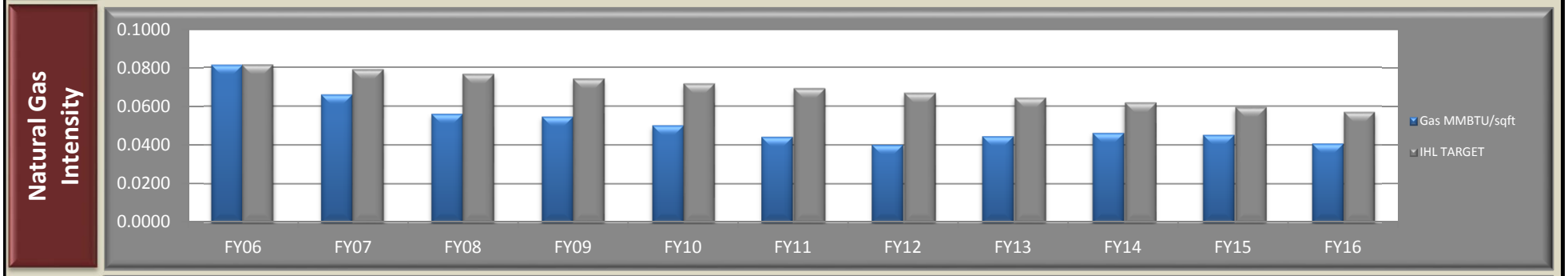


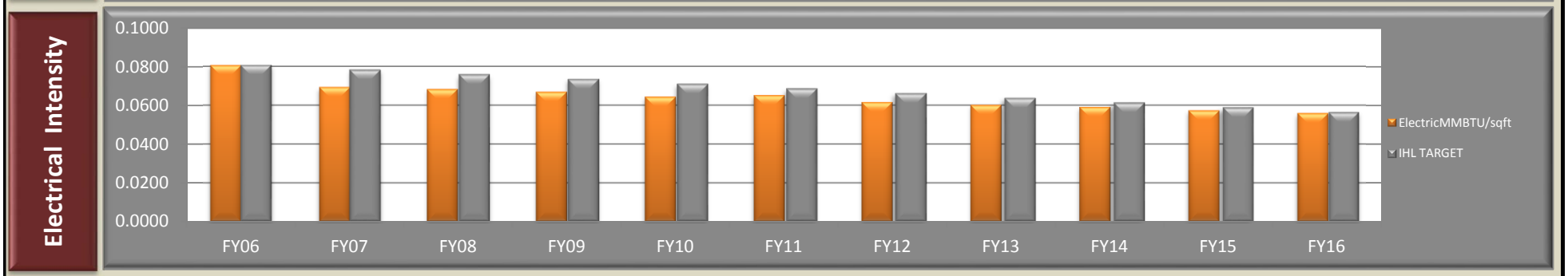


Energy Performance Trends - Annual (FY)

Percent Energy/Sqft reduced as of FY2016	**40%**	**Compared to Baseline FY2006**







Yearly Savings Calculation

Year	Natural Gas Savings					Electrical Savings					Combined Savings	
	Q1 (Jul-Sep)	Q2 (Oct-Dec)	Q3 (Jan-Mar)	Q4 (Apr-Jun)	Gas Total	Q1 (Jul-Sep)	Q2 (Oct-Dec)	Q3 (Jan-Mar)	Q4 (Apr-Jun)	Elect Total	Total	25% Total
FY2011	Baseline Year FY11					Baseline Year FY11						
FY2012	$ (3,419)	$ 81,223	$ (1)	$ 30,573	$ 108,376	$ (41,380)	$ 168,043	$ 113,434	$ 208,021	$ 448,118	**$ 556,494**	**$ 139,123**
FY2013	$ 41,915	$ 68,028	$ 46,534	$ (5,696)	$ 150,781	$ 81,920	$ 137,329	$ 182,852	$ 142,984	$ 545,086	**$ 695,867**	**$ 173,967**
FY2014	$ 64,575	$ 88,054	$ 345,676	$ (90,563)	$ 407,742	$ 30,847	$ 131,862	$ 298,281	$ 353,700	$ 814,690	**$ 1,222,432**	**$ 305,608**
FY2015	$ 52,632	$ 100,298	$ 37,141	$ 2,937	$ 193,008	$ 263,902	$ 235,549	$ 330,466	$ 335,487	$ 1,165,404	**$ 1,358,412**	**$ 339,603**
FY2016	$ 32,444	$ 34,307	$ 23,969	$ 15,189	$ 105,909	$ 324,252	$ 379,383	$ 323,700	$ 369,300	$ 1,396,635	**$ 1,502,544**	**$ 375,636**

Note: Per IHL Sustainibility Policy, the energy Savings Fund requirement uses FY11 as the baseline year. All "savings fund calculations" are measured against FY11. This table is provided for guidance, each University should determine the appropriate funding to comply with IHL Policy.

Quarterly Performance Matrix - (Year over Year)

Quarterly Electrical Performance				
	Q1	Q2	Q3	Q4
FY06	NA	NA	NA	NA
FY07	-10%	-21%	-10%	-14%
FY08	-4%	0%	-6%	3%
FY09	-6%	-3%	4%	-1%
FY10	-2%	-4%	-3%	-7%
FY11	8%	-8%	1%	2%
FY12	-9%	-2%	-2%	-7%
FY13	-6%	2%	-5%	1%
FY14	2%	2%	-5%	-6%
FY15	-7%	-5%	-1%	1%
FY16	-1%	-6%	0%	-3%

Quarterly Gas Performance				
	Q1	Q2	Q3	Q4
FY06	NA	NA	NA	NA
FY07	-4%	-20%	-16%	-36%
FY08	-42%	-18%	-1%	3%
FY09	10%	8%	-6%	-20%
FY10	-33%	-12%	12%	-13%
FY11	-19%	-2%	-16%	-13%
FY12	28%	-14%	-22%	1%
FY13	-17%	3%	23%	30%
FY14	8%	8%	-8%	17%
FY15	-2%	-4%	18%	-28%
FY16	2%	-18%	-12%	-1%

Quarterly Total Energy Performance				
	Q1	Q2	Q3	Q4
FY06	NA	NA	NA	NA
FY07	-7%	-21%	-14%	-24%
FY08	-20%	-10%	-3%	3%
FY09	-1%	2%	-2%	-9%
FY10	-12%	-8%	5%	-9%
FY11	1%	-5%	-9%	-2%
FY12	-1%	-8%	-13%	-5%
FY13	-9%	2%	9%	10%
FY14	4%	5%	-7%	2%
FY15	-5%	-4%	9%	-11%
FY16	0%	-12%	-7%	-3%

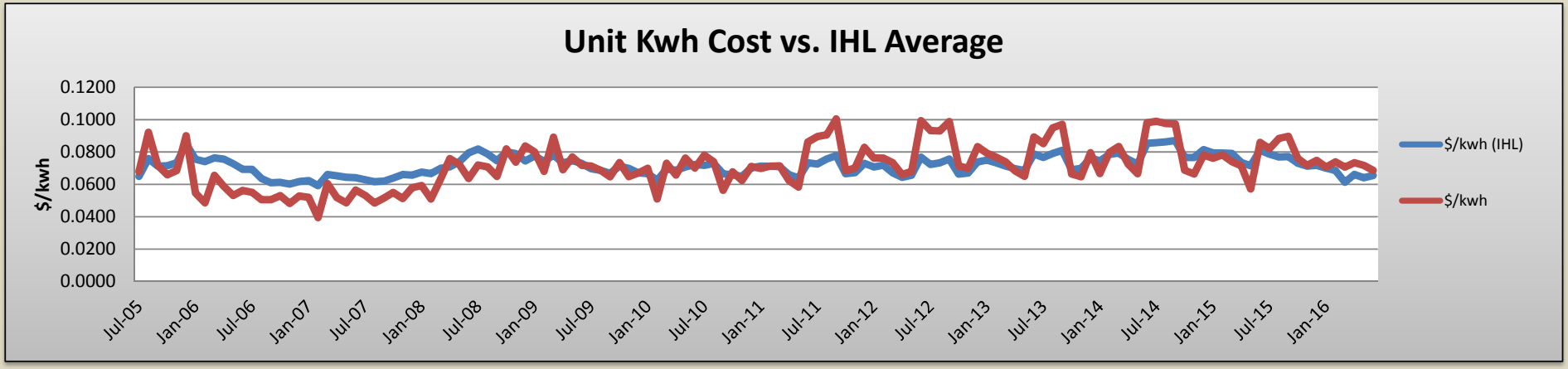
Chart Notes:

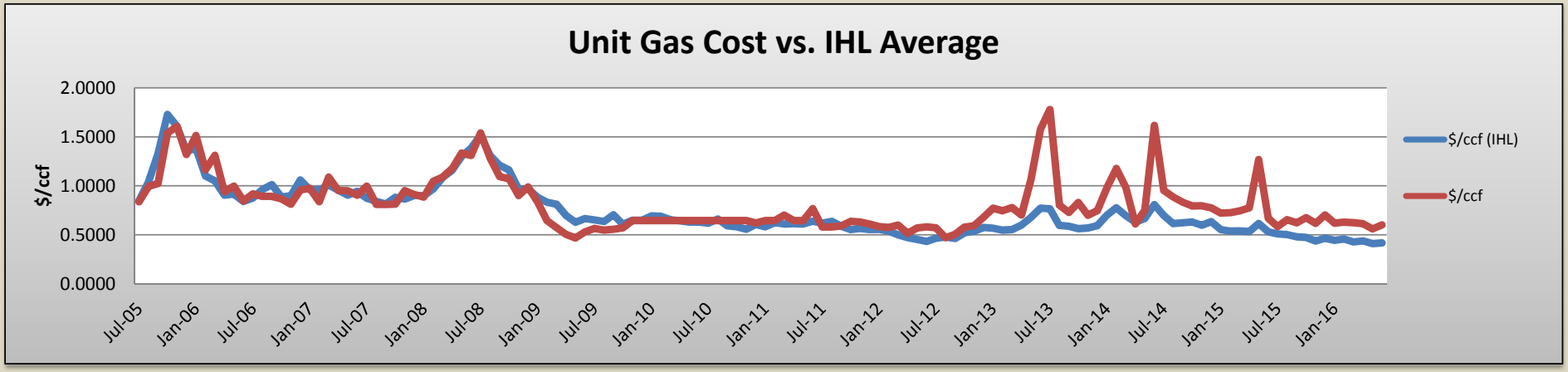
The Quarterly Comparison Matrix is intended to highlight trends in energy performance from quarter to quarter. Each quarter is compared to the same quarter from the previous fiscal year. For example, Q2-FY12 is compared to Q2-FY11 in order to determine a positive or negative change in energy intensity.

A) An increase in energy intensity is represented as a positive percentage change and highlighted in red.

B) A decrease in energy intensity is represented as a negative percentage change an highlighted in green.

Energy Rate Comparison





REPORT NOTES

1) Energy Intensity is a measure of Energy Consumption per Operating Square Foot of Facility.
2) Weather effects are not accounted for in this analysis.
3) Baseline year is Fiscal Year 2006. Percentage reduction is a comparison of the most recent completed FY to FY06.
4) Cost Avoidance is cumulative back to the baseline year and uses utility rates that were effective at the time of the energy conservation.