

## **Yearly Savings Calculation**

	Natural Gas Savings								Electrical Savings							Combined Savings								
Year		Q1 I-Sep)		Q2 :t-Dec)	(Ja	Q3 an-Mar)	(A	Q4 apr-Jun)	Gas T	otal	(J	Q1 ul-Sep)	0	Q2 oct-Dec)	J	Q3 an-Mar)	(A	Q4 pr-Jun)	Εl	ect Total		Total	25	5% Total
FY2011 Baseline Year FY11			Baseline Year FY11																					
FY2012	\$ (	(8,880)	\$	18,608	\$	(34,068)	\$	(1,048)	\$ (25)	,388)	\$	5,340	\$	20,751	\$	20,339	\$	24,067	\$	70,497	\$	45,110	\$	11,277
FY2013	\$	2,876	\$ 4	44,848	\$	43,178	\$	(13,227)	\$ 77	,674	\$	13,611	\$	(6,805)	\$	24,485	\$	30,134	\$	61,425	\$	139,099	\$	34,775
FY2014	\$ (	(3,608)	\$ :	36,095	\$	87,263	\$	(18,504)	\$ 101	,246	\$	38,439	\$	8,630	\$	39,235	\$	939	\$	87,244	\$	188,489	\$	47,122
FY2015	\$	495	\$ :	54,977	\$	84,804	\$	(24,834)	\$ 115	,442	\$	(1,707)	\$	(34,971)	\$	133,469	\$	(33,066)	\$	63,726	\$	179,168	\$	44,792
FY2016	\$ (	(7,507)	\$	19,260	\$	51,029	\$	(18,088)	\$ 44	,694	\$	73,378	\$	24,289	\$	50,123	\$	60,471	\$	208,262	\$	252,956	\$	63,239

<u>Note:</u> 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	-4%	-7%	2%	1%					
FY08	-4%	7%	0%	2%					
FY09	4%	5%	-6%	-7%					
FY10	-4%	-17%	-6%	1%					
FY11	3%	1%	-4%	1%					
FY12	-5%	-9%	6%	-6%					
FY13	-5%	8%	-5%	-4%					
FY14	-4%	-2%	-5%	8%					
FY15	8%	12%	-5%	11%					
FY16	-9%	-13%	5%	-20%					

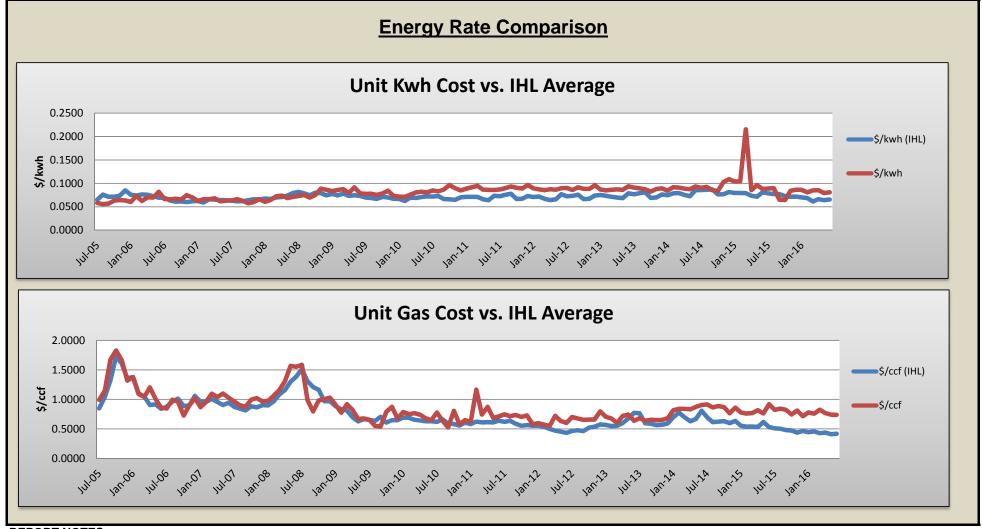
Quarterly Total Energy Performance									
	Q1	Q2	Q3	Q4					
FY06	NA	NA	NA	NA					
FY07	-14%	-10%	2%	11%					
FY08	-1%	-7%	2%	5%					
FY09	14%	25%	-14%	-18%					
FY10	-13%	-34%	2%	0%					
FY11	-1%	11%	-14%	7%					
FY12	2%	-14%	-2%	-14%					
FY13	-10%	-10%	-20%	11%					
FY14	1%	11%	-2%	4%					
FY15	3%	-1%	-10%	7%					
FY16	-4%	-12%	9%	-16%					

Quarterly Gas Performance									
	Q1	Q2	Q3	Q4					
FY06	NA	NA	NA	NA					
FY07	-38%	-11%	2%	37%					
FY08	9%	-17%	2%	10%					
FY09	49%	43%	-18%	-36%					
FY10	-35%	-45%	6%	-1%					
FY11	-17%	22%	-18%	24%					
FY12	34%	-18%	-6%	-28%					
FY13	-26%	-27%	-30%	50%					
FY14	20%	27%	-1%	-3%					
FY15	-12%	-15%	-14%	-2%					
FY16	18%	-10%	13%	-6%					

## **Chart Notes:**

The Quarterly Comparison Matrix is intended to highlight trends in energy performance from quarter to quarter. <u>Each quarter is compared to the same quarter from the previous fiscal year.</u> 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.



## **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.