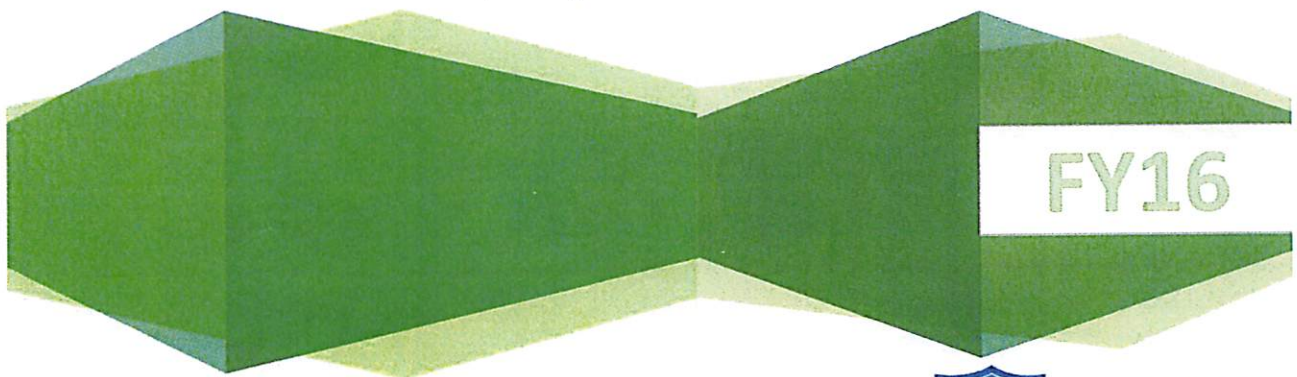


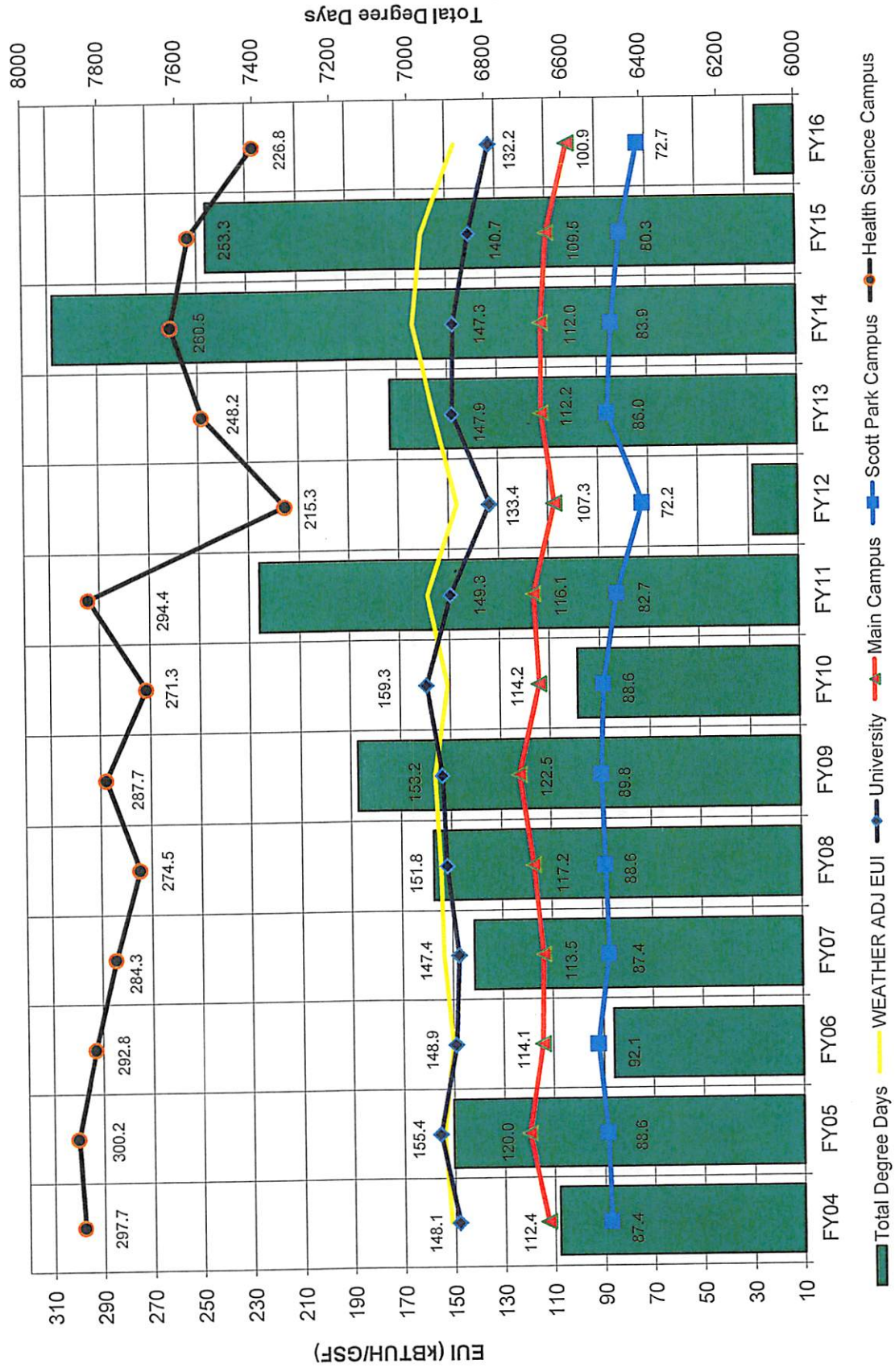
Energy Summary

The University of Toledo

Michael Green, P.E. | Director, Energy Management

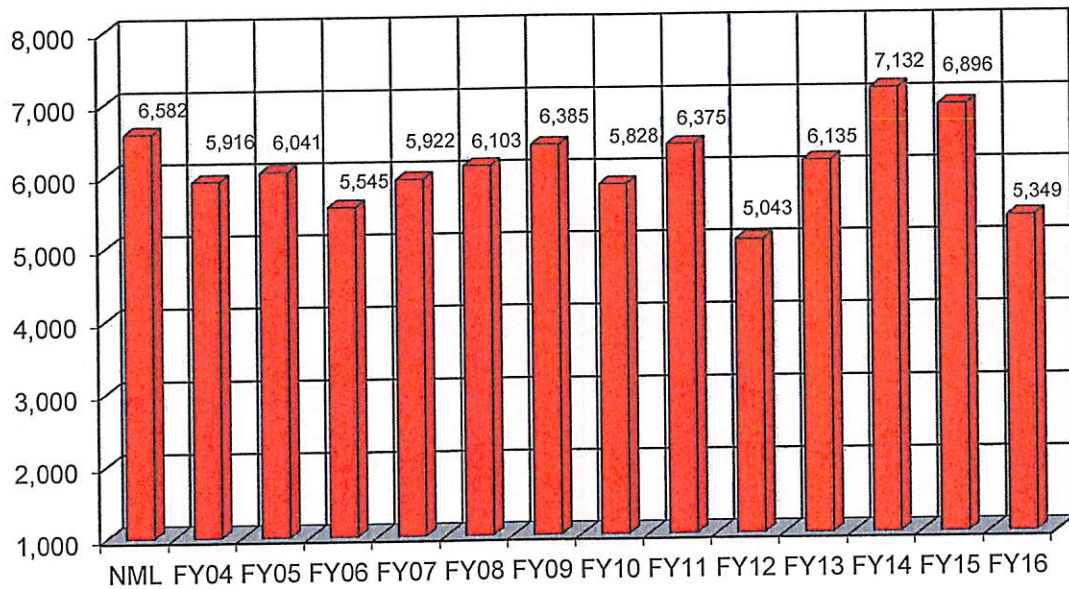


UT CAMPUS ENERGY UTILIZATION INDEX

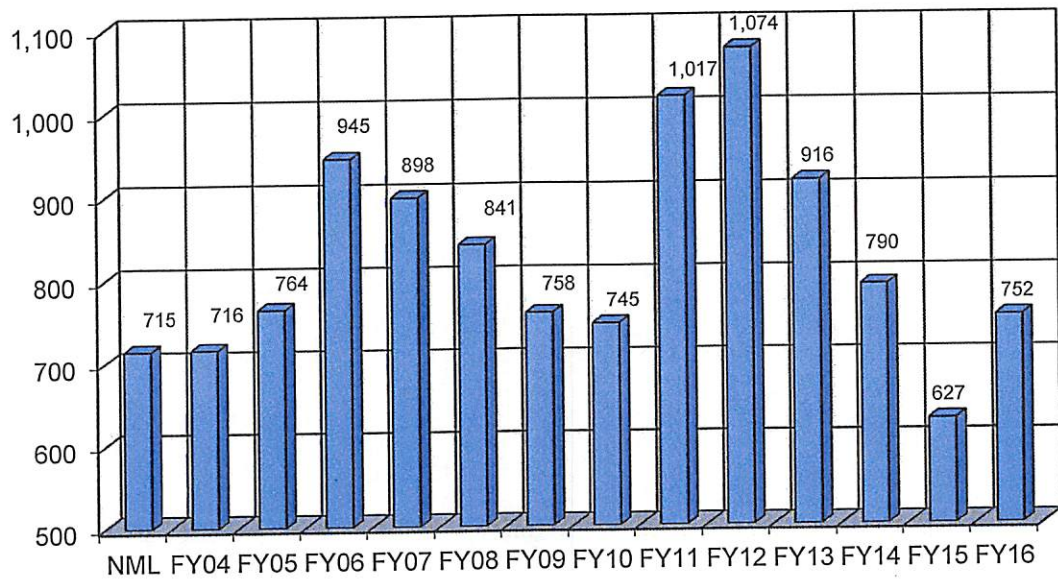


YEARLY DEGREE DAY SUMMARY

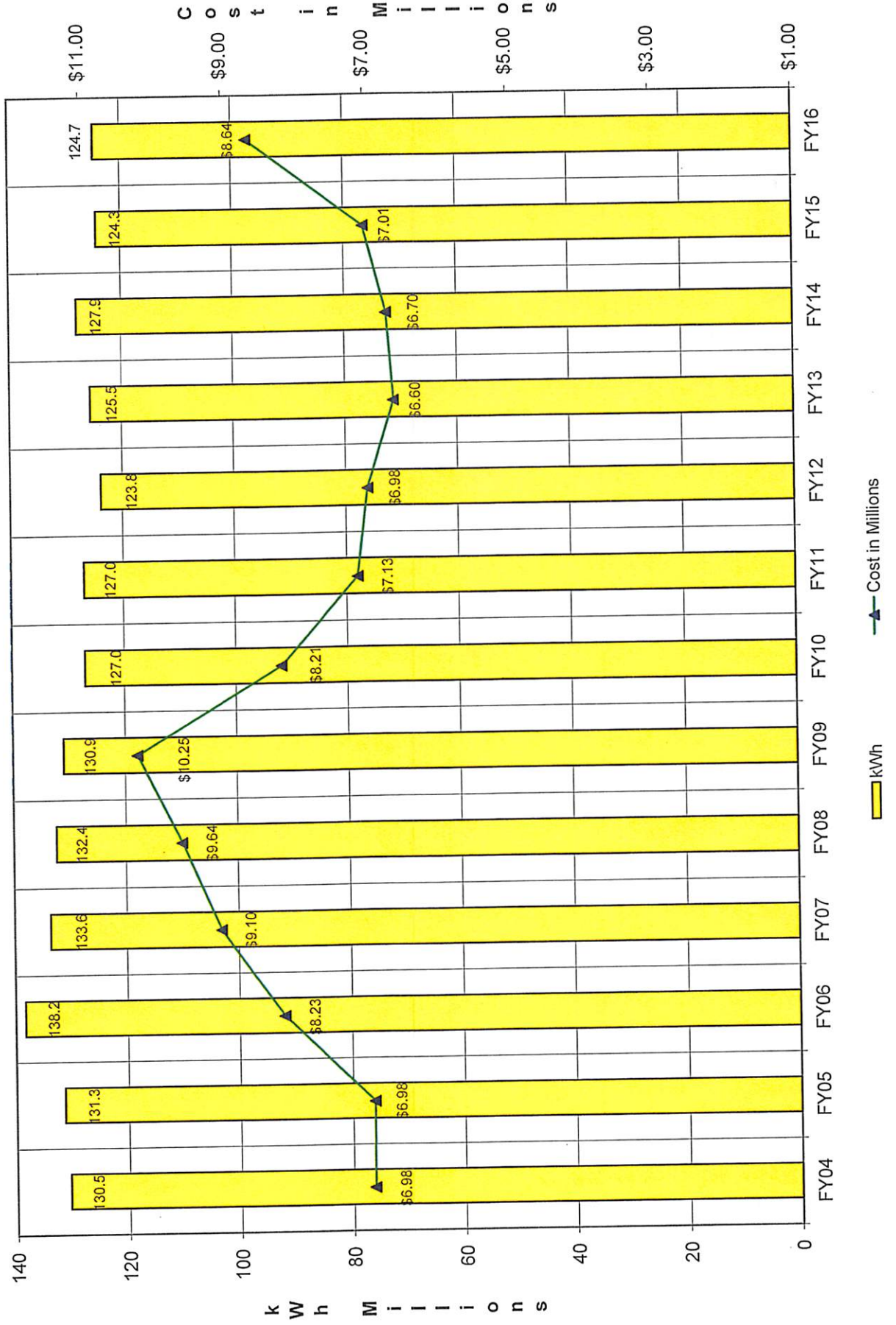
HEATING DEGREE DAYS



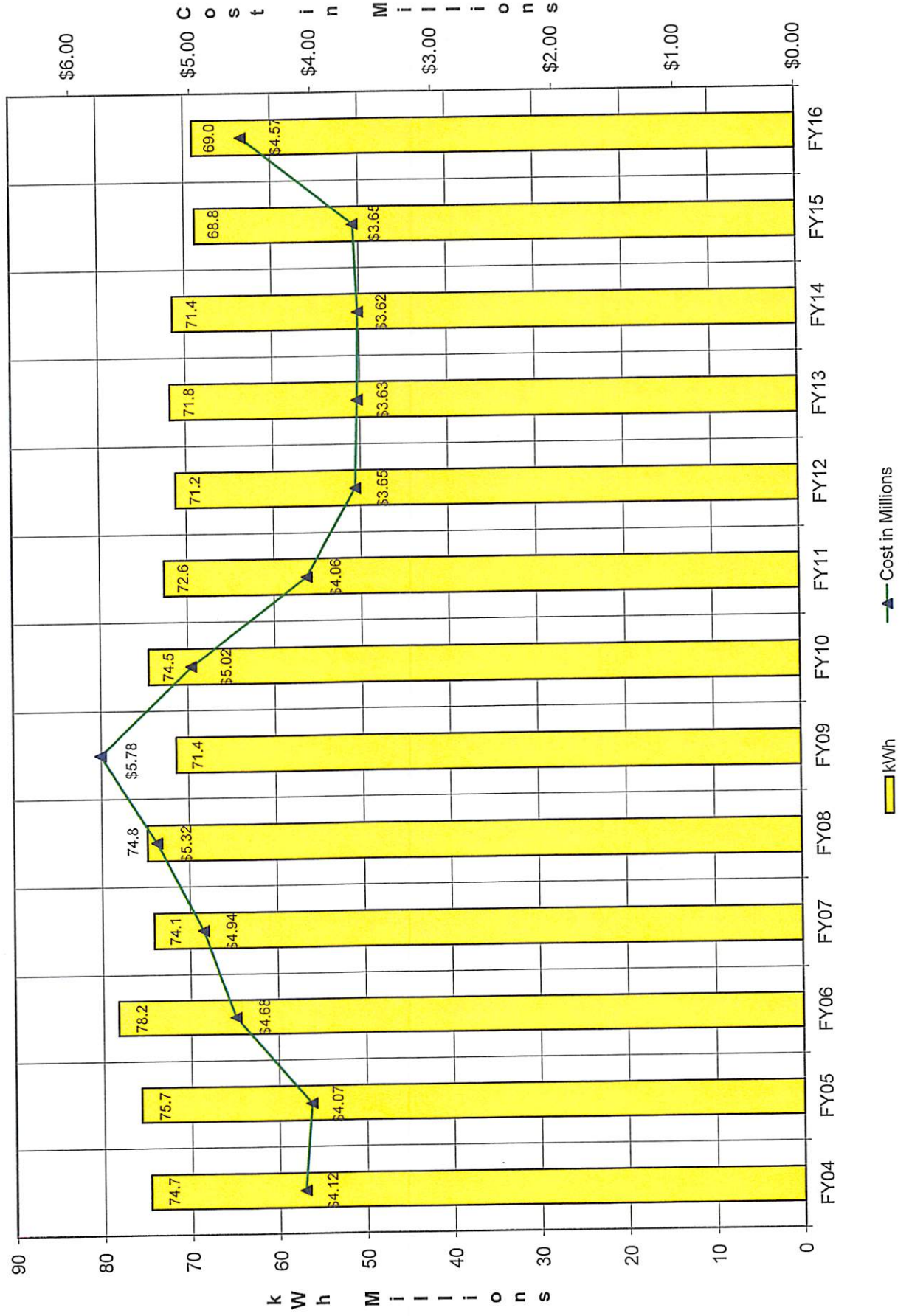
COOLING DEGREE DAYS



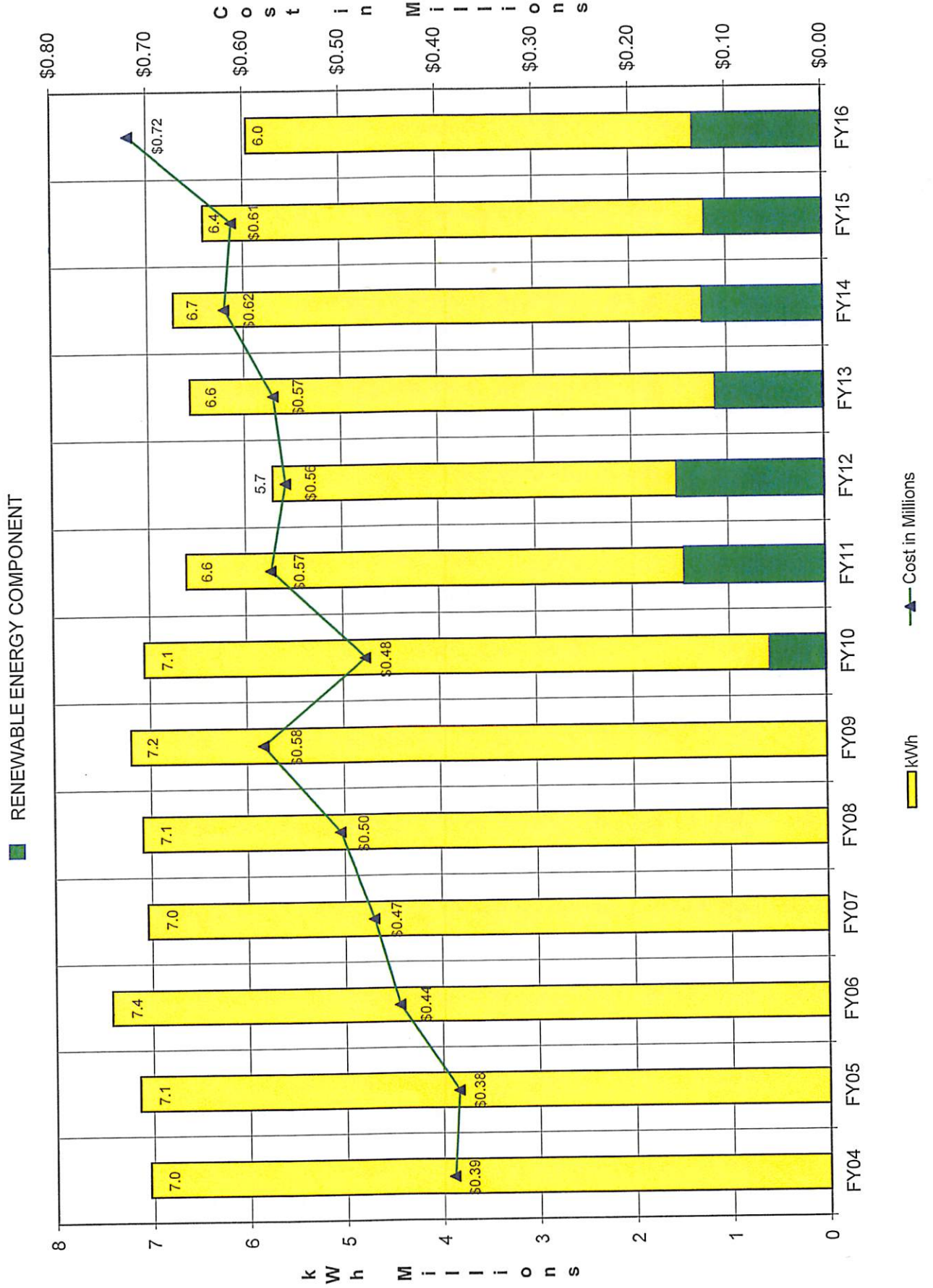
UT ALL CAMPUSES YEARLY SUBSTATION with COST



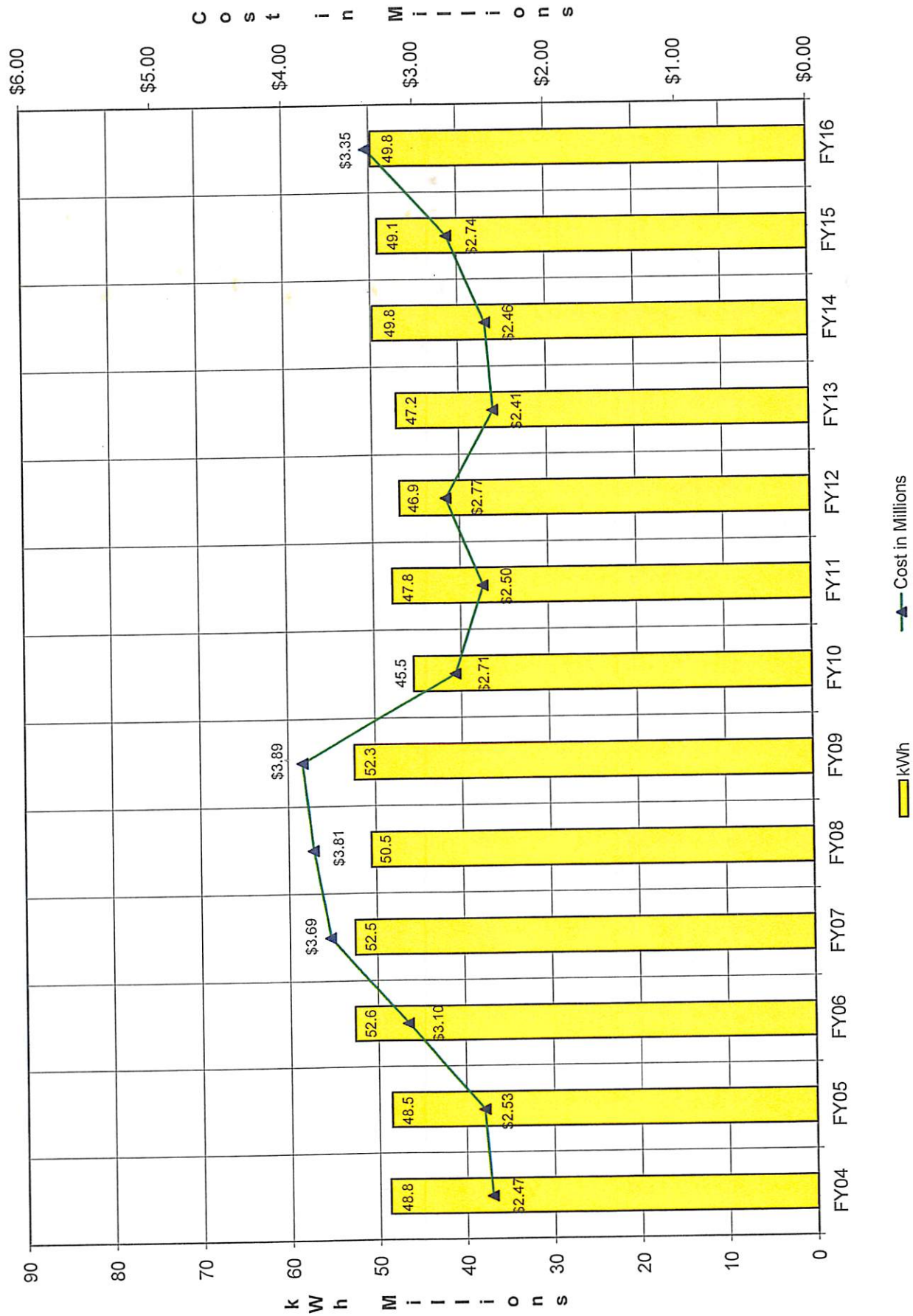
MAIN CAMPUS YEARLY SUBSTATION with COST



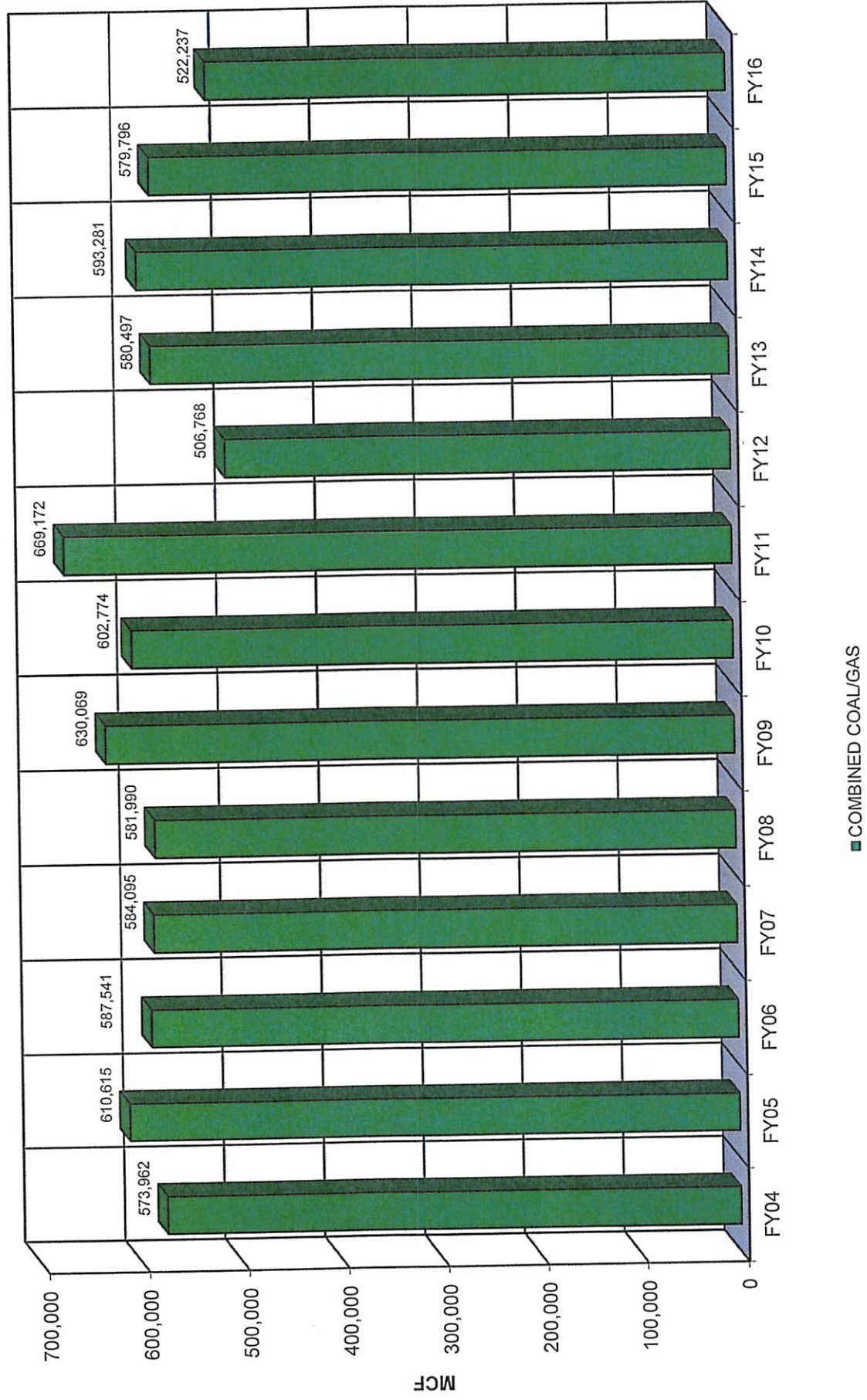
SCOTT PARK CAMPUS YEARLY SUBSTATION with COST



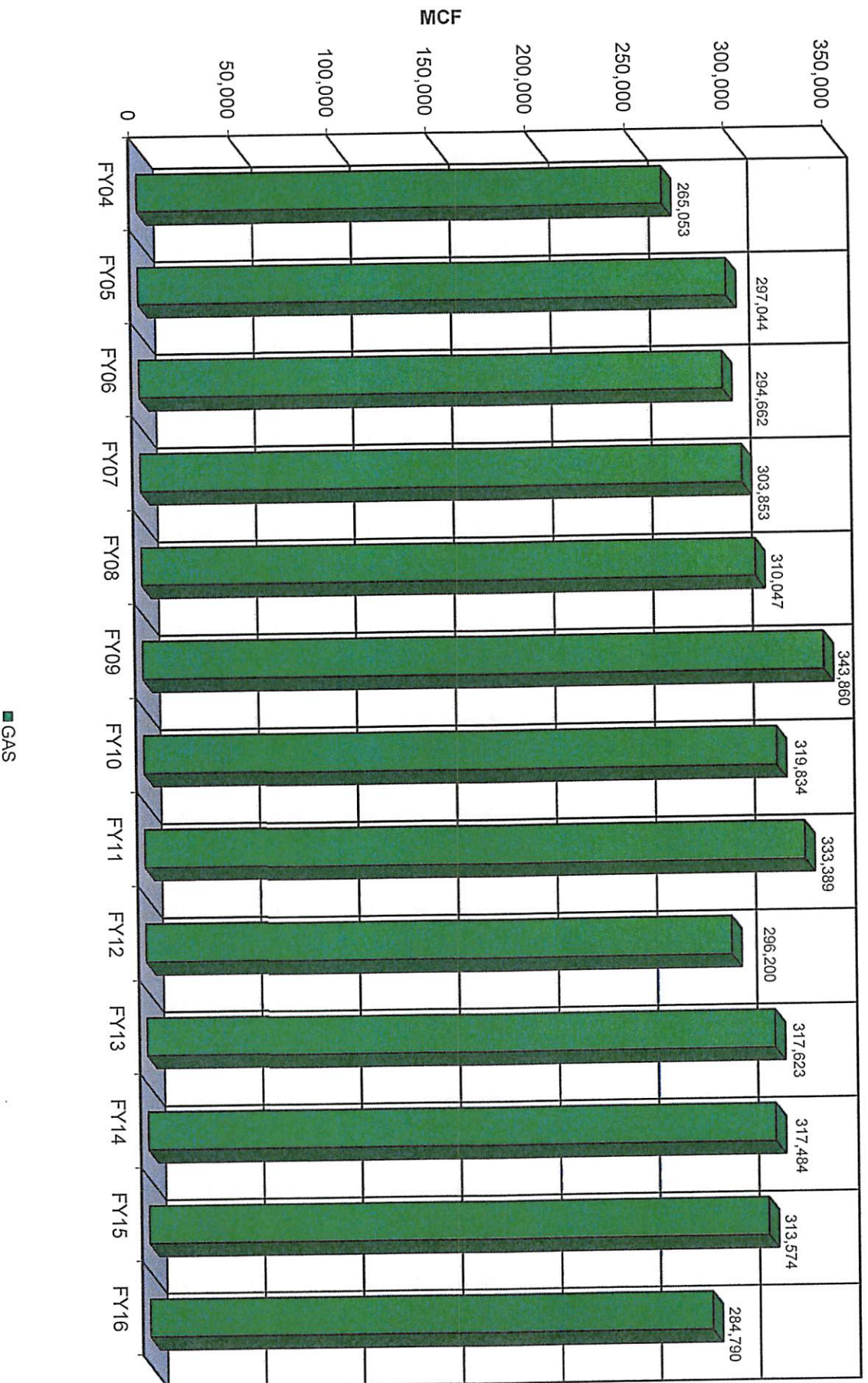
HEALTH SCIENCE CAMPUS YEARLY SUBSTATION with COST



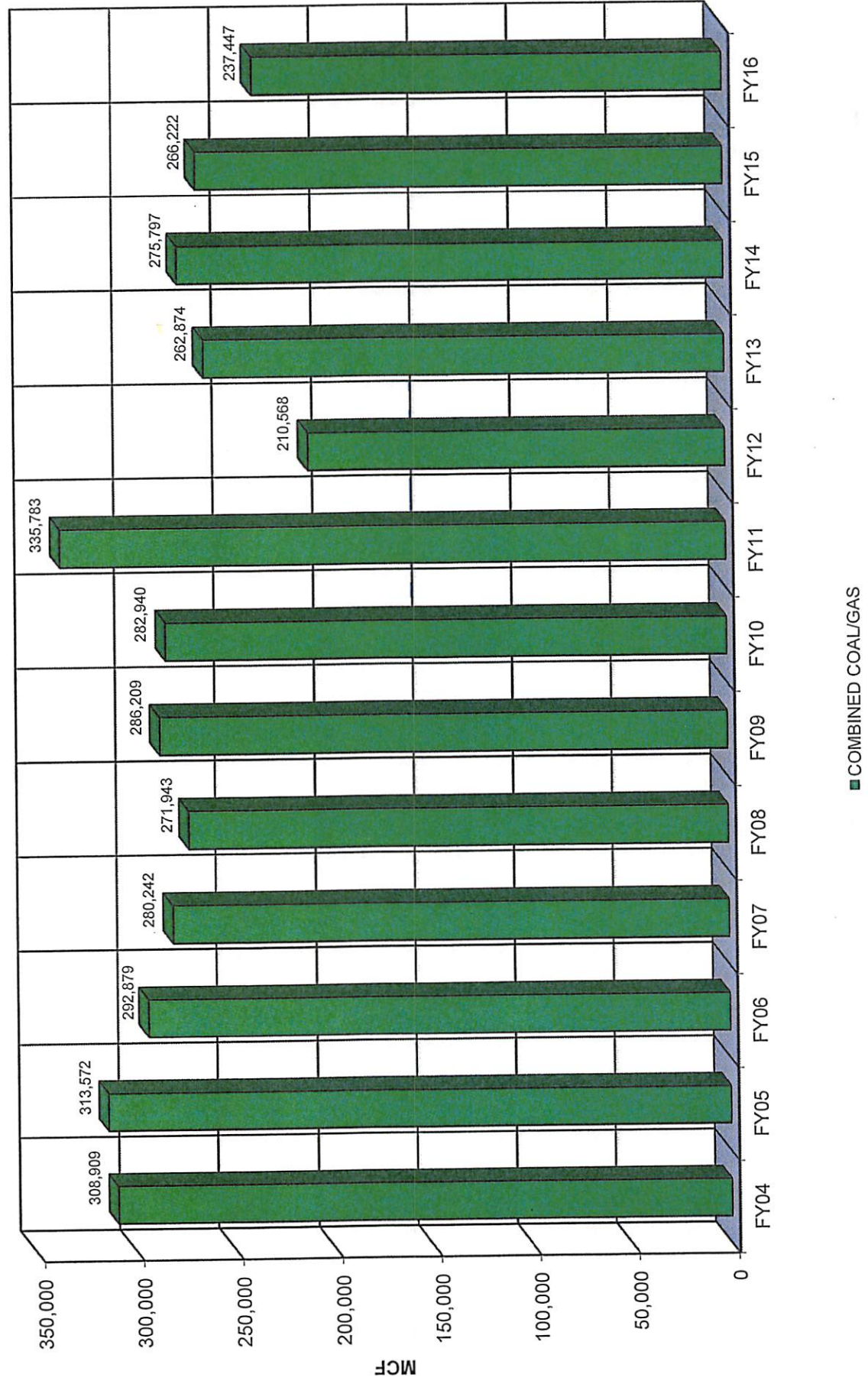
UT ALL CAMPUSES YEARLY STEAM PLANT COMBINED COAL/GAS



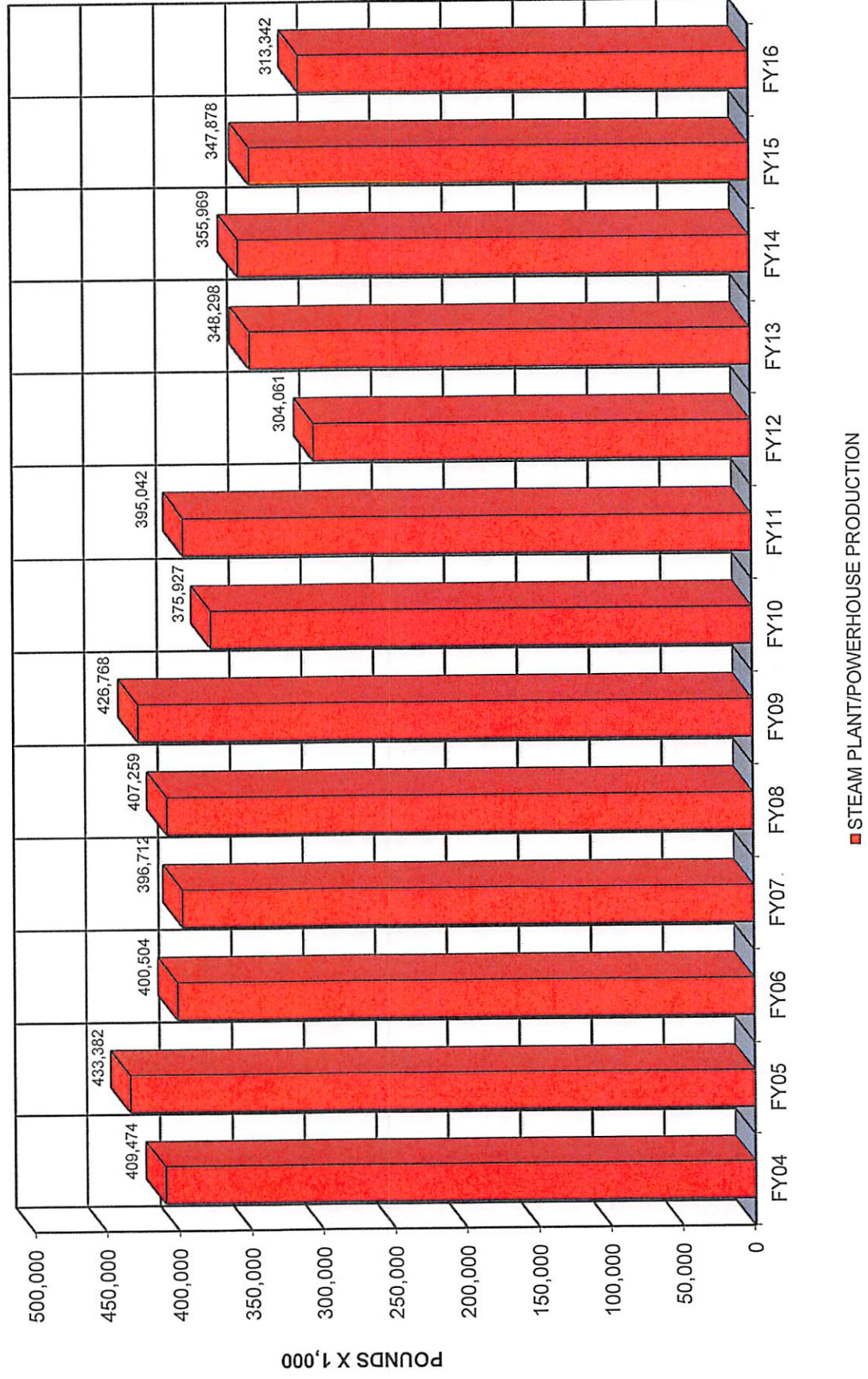
MAIN CAMPUS YEARLY STEAM PLANT GAS



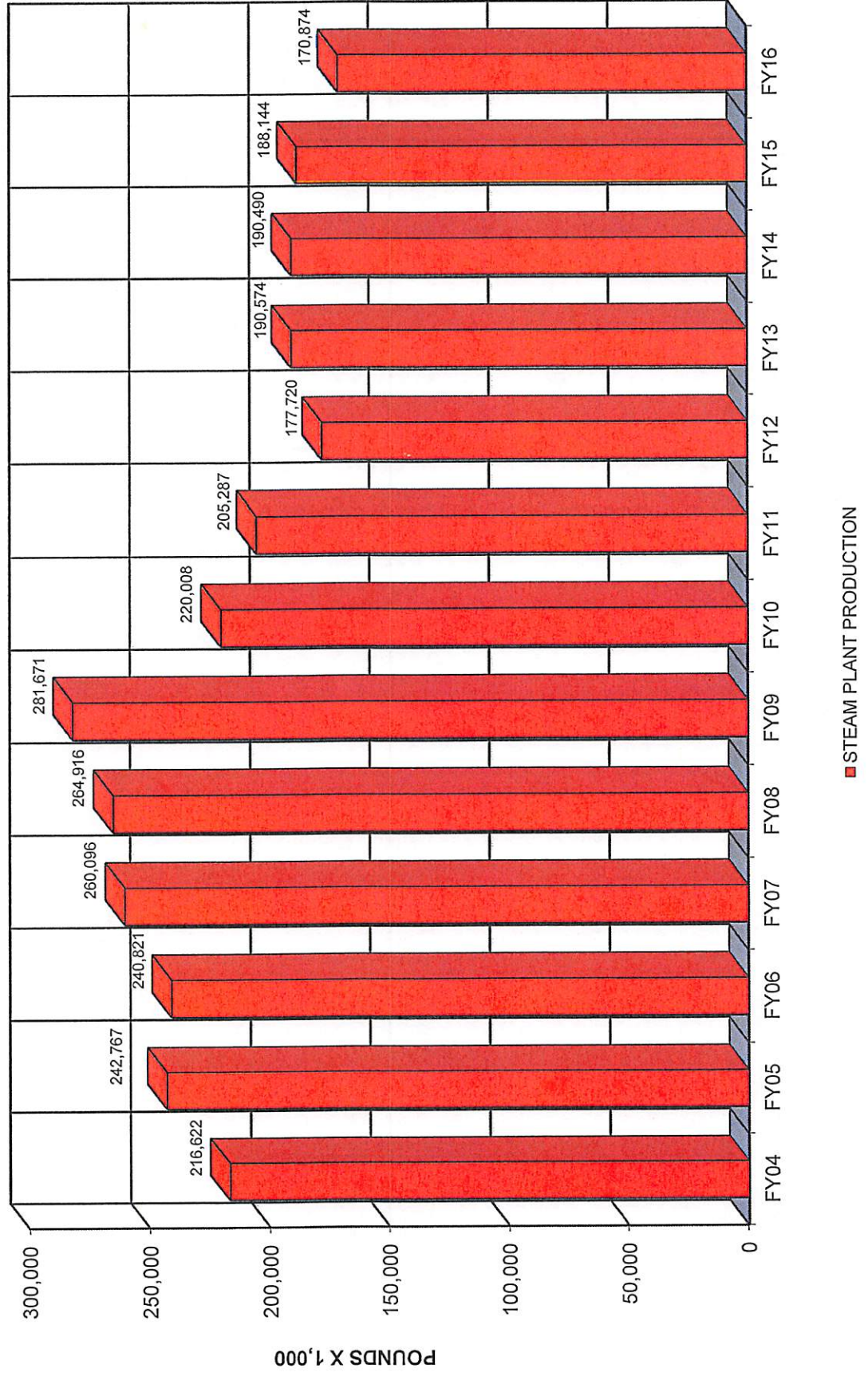
HEALTH SCIENCE CAMPUS YEARLY POWERHOUSE COAL/GAS



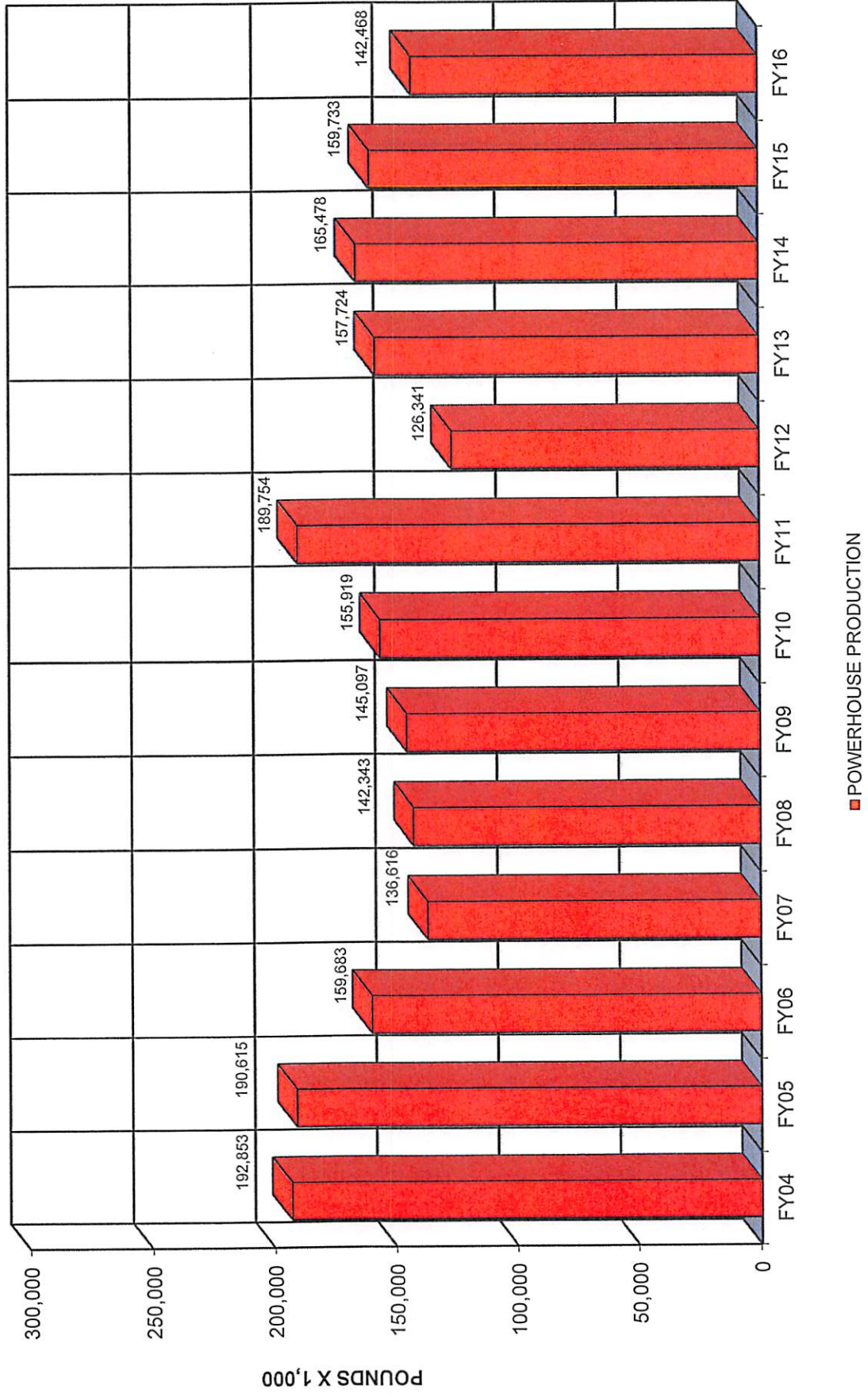
UT ALL CAMPUSES YEARLY STEAM PRODUCTION



MAIN CAMPUS YEARLY STEAM PRODUCTION

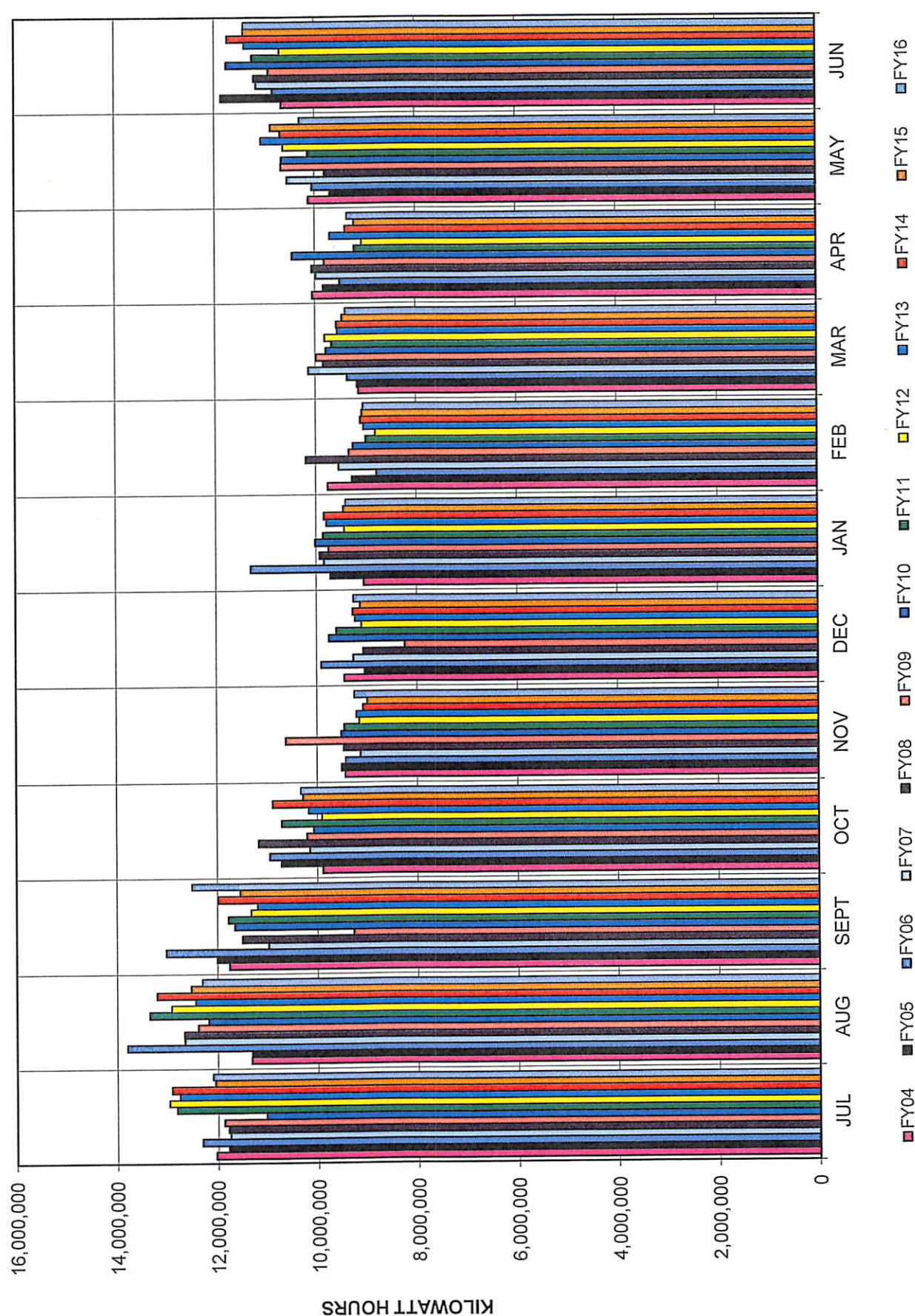


HEALTH SCIENCE CAMPUS YEARLY STEAM PRODUCTION

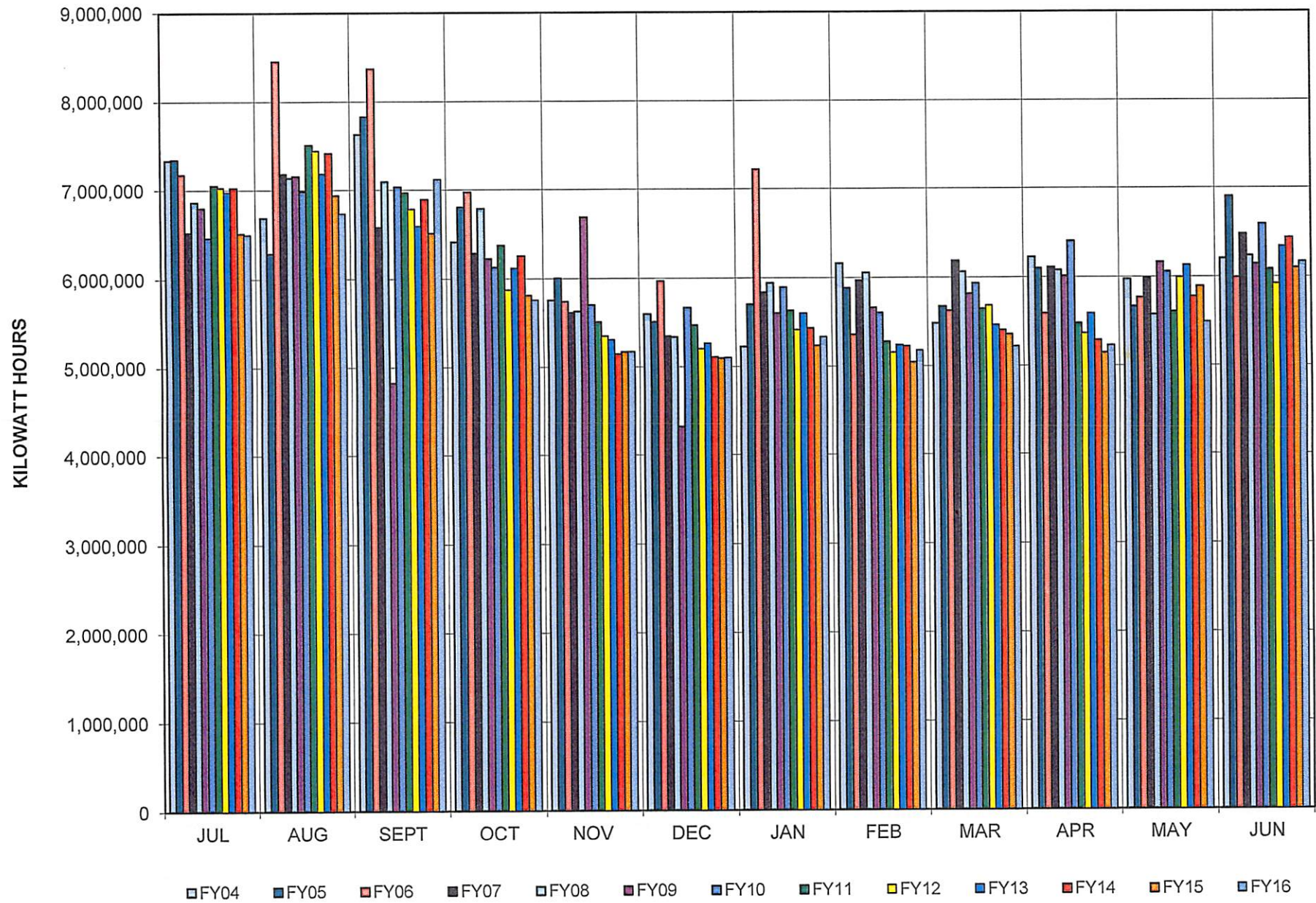




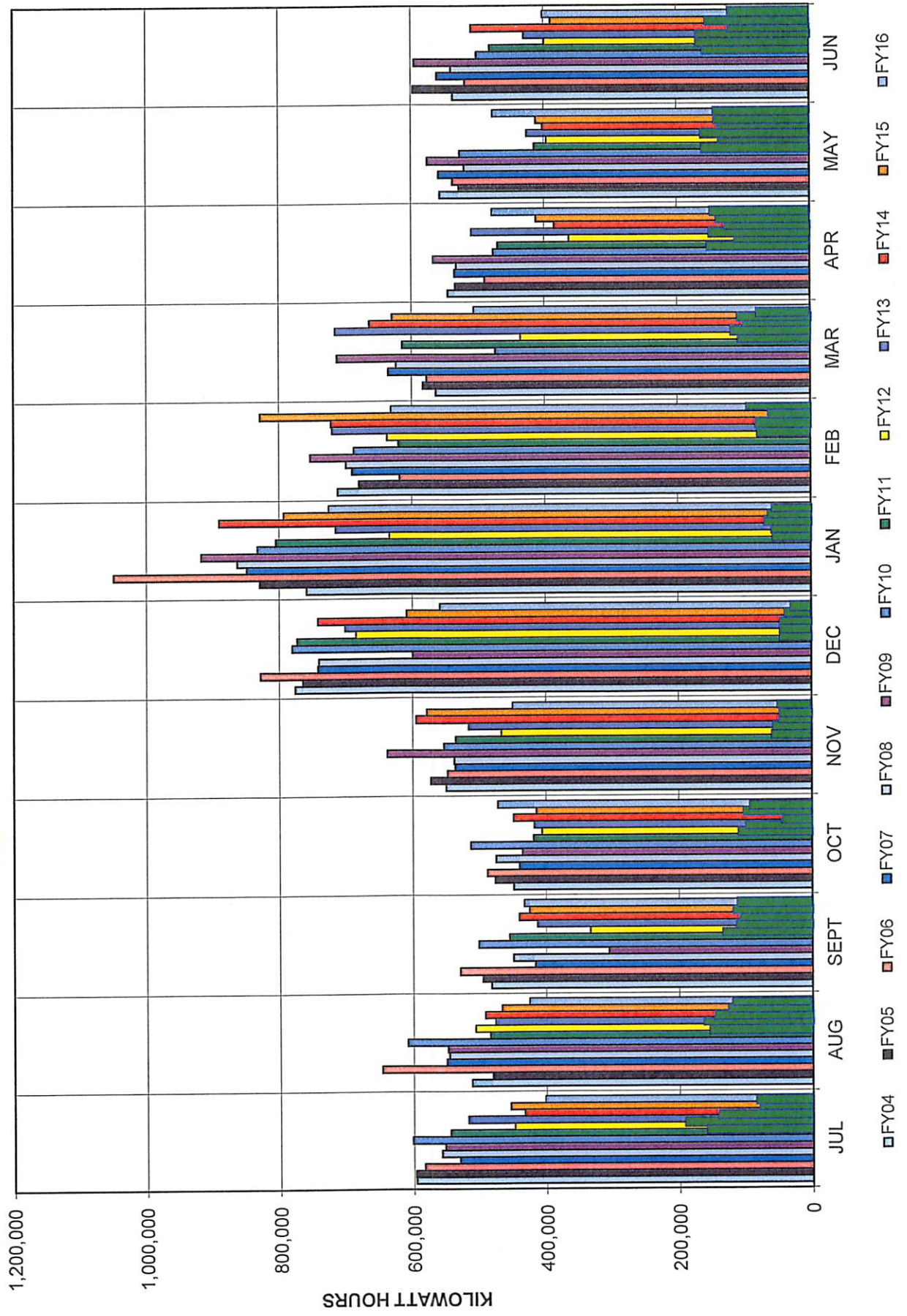
UT ALL CAMPUSES MONTHLY SUBSTATION



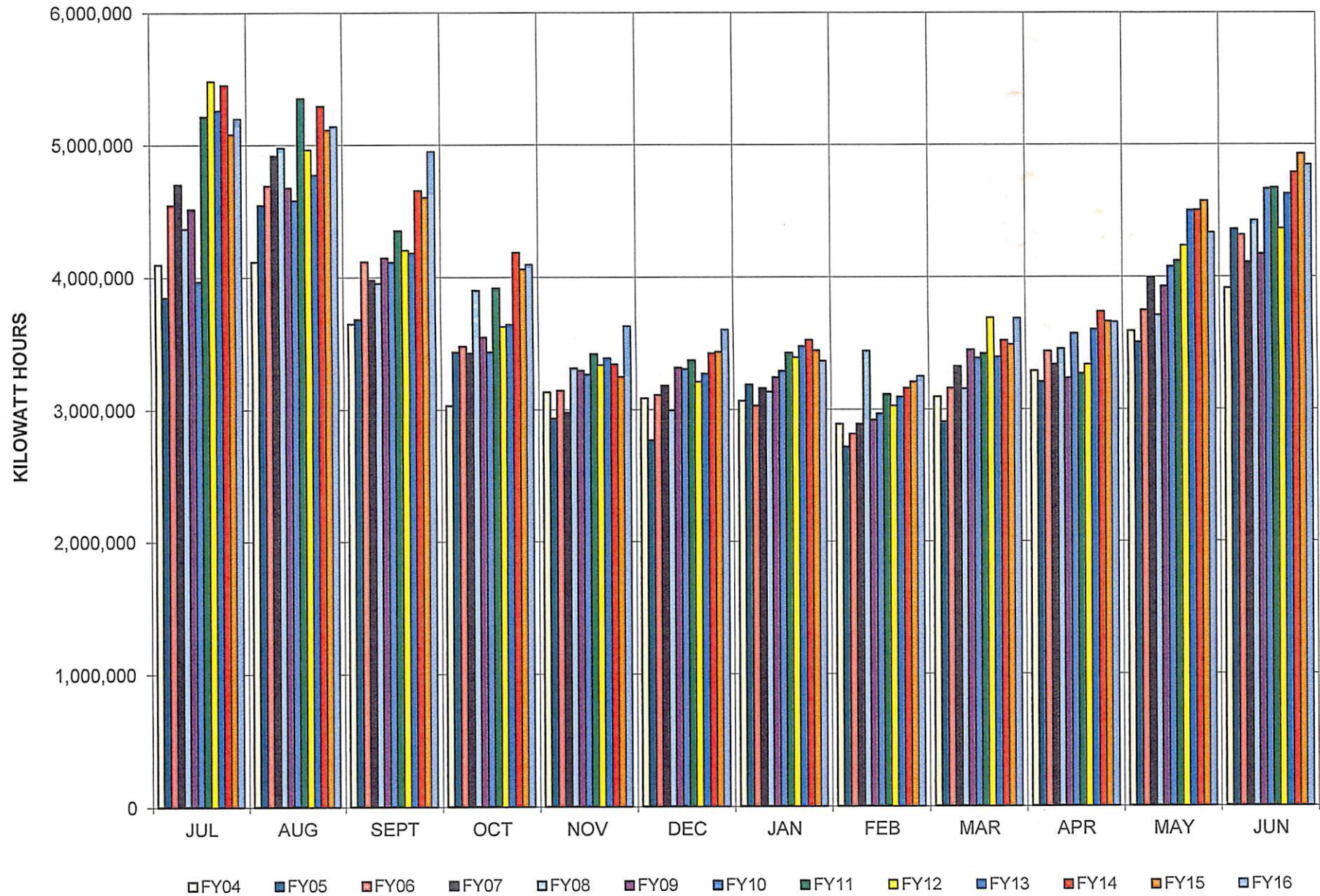
MAIN CAMPUS MONTHLY SUBSTATION



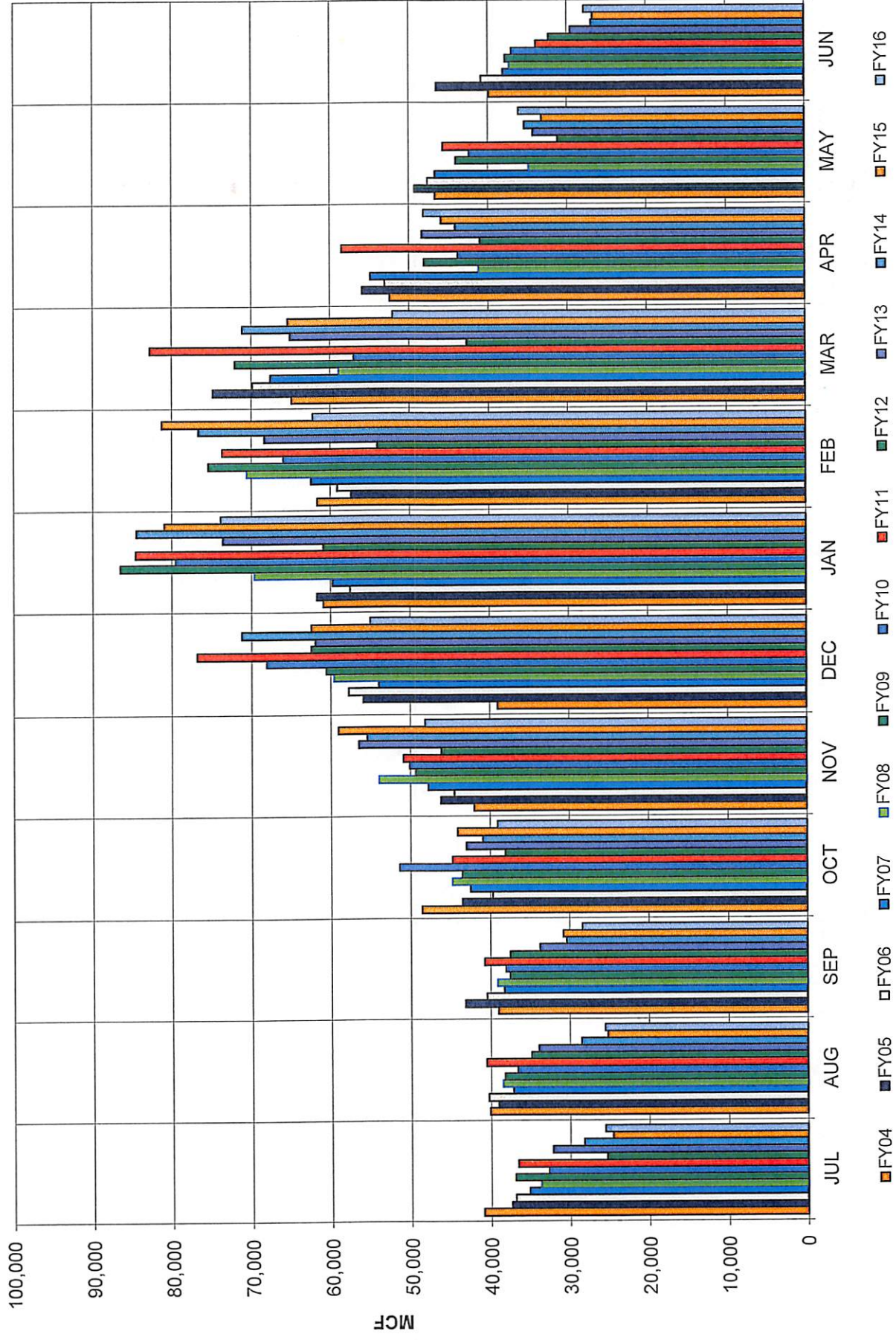
RENEWABLE ENERGY COMPONENT



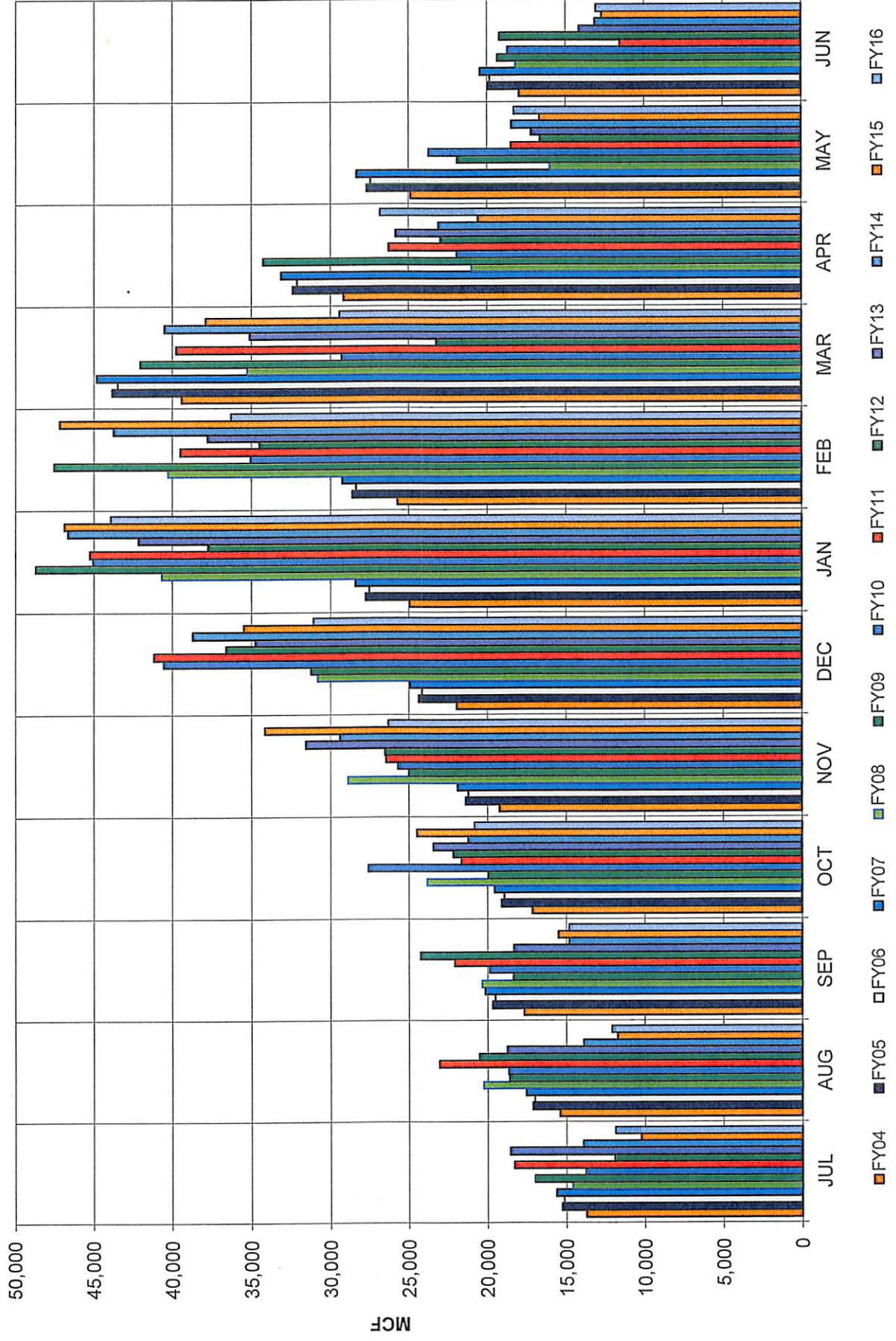
HEALTH SCIENCE CAMPUS MONTHLY SUBSTATION



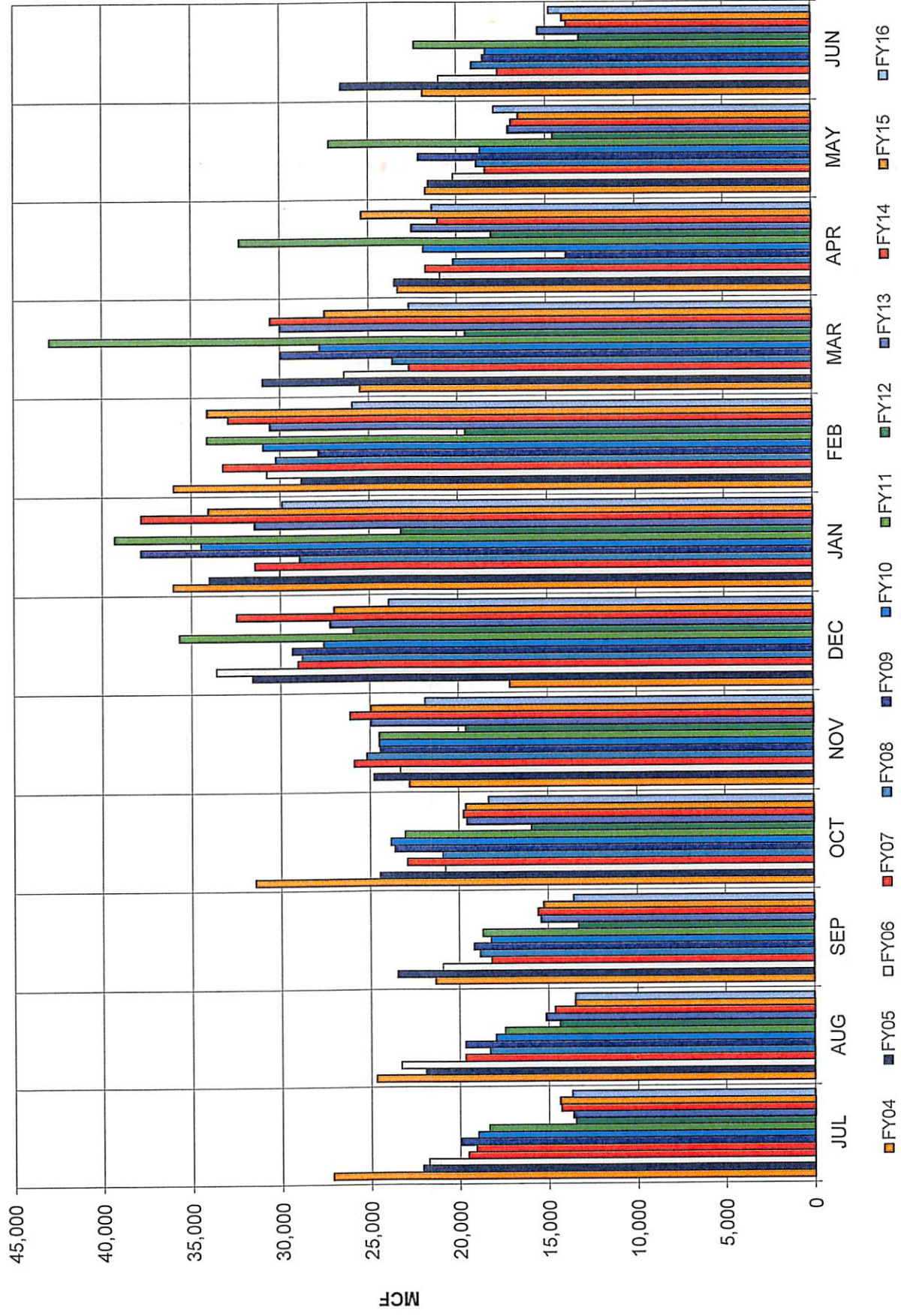
UT ALL CAMPUSES MONTHLY STEAM PLANT COAL/GAS



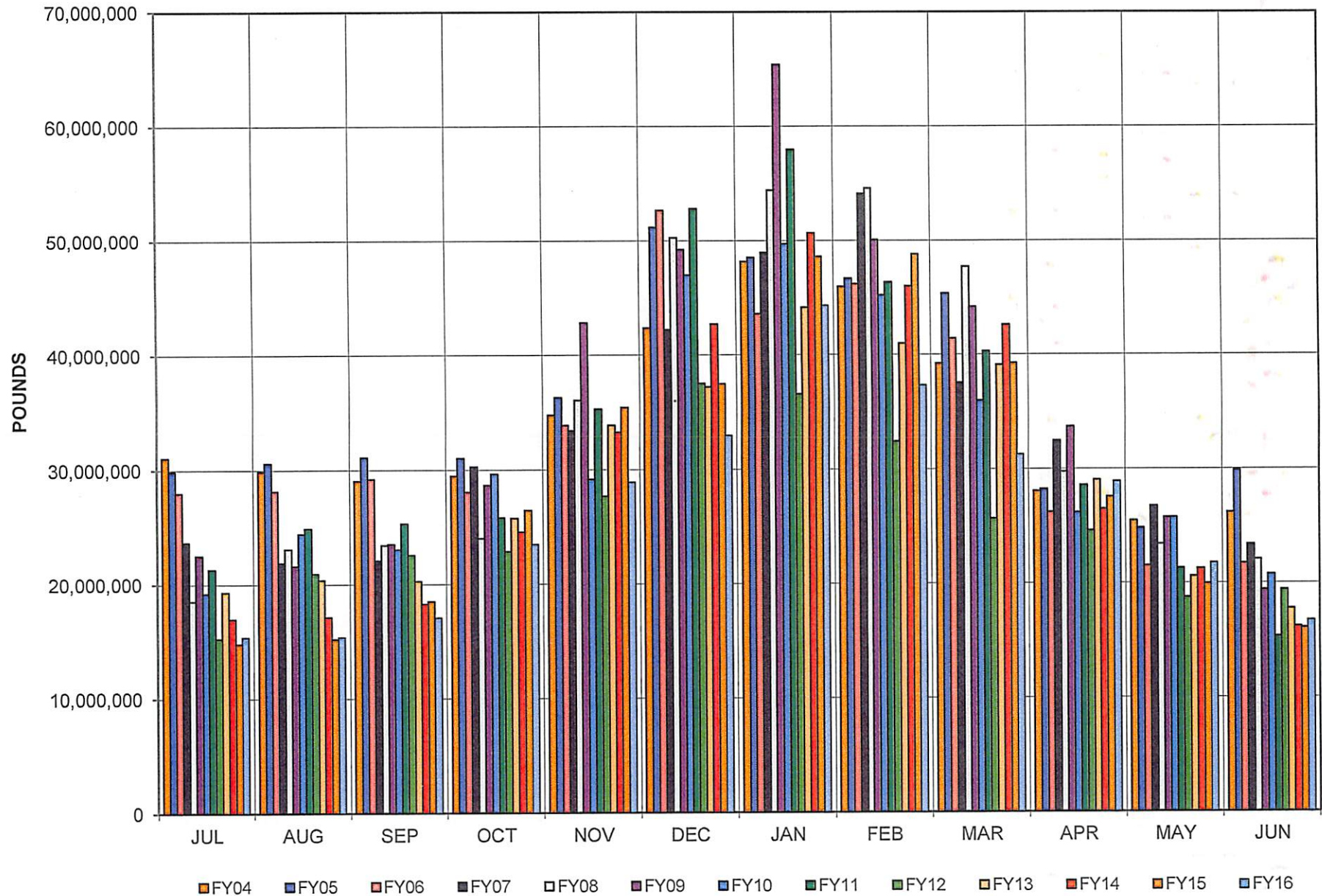
MAIN CAMPUS MONTHLY STEAM PLANT GAS

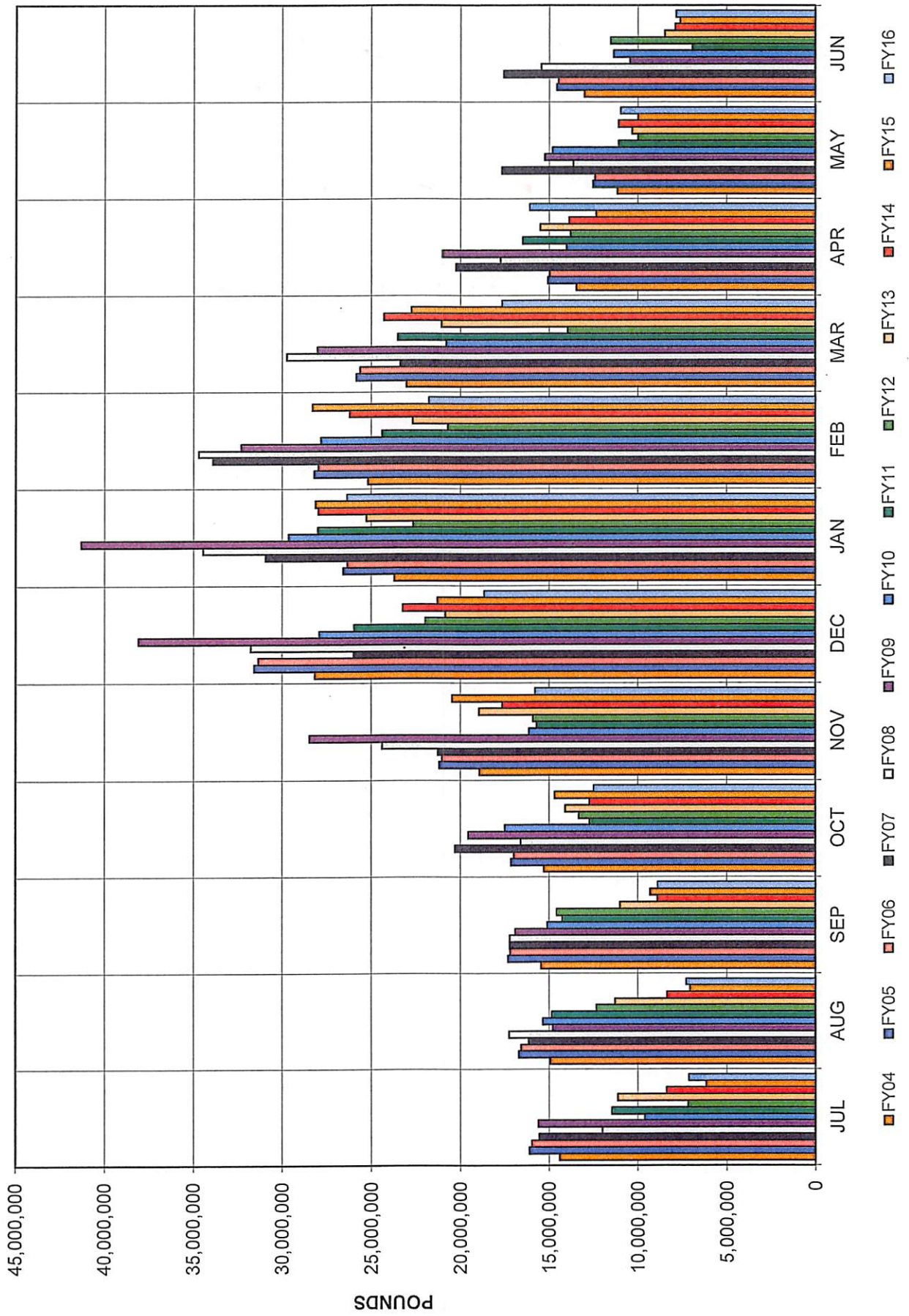


HEALTH SCIENCE CAMPUS MONTHLY POWERHOUSE COAL/GAS

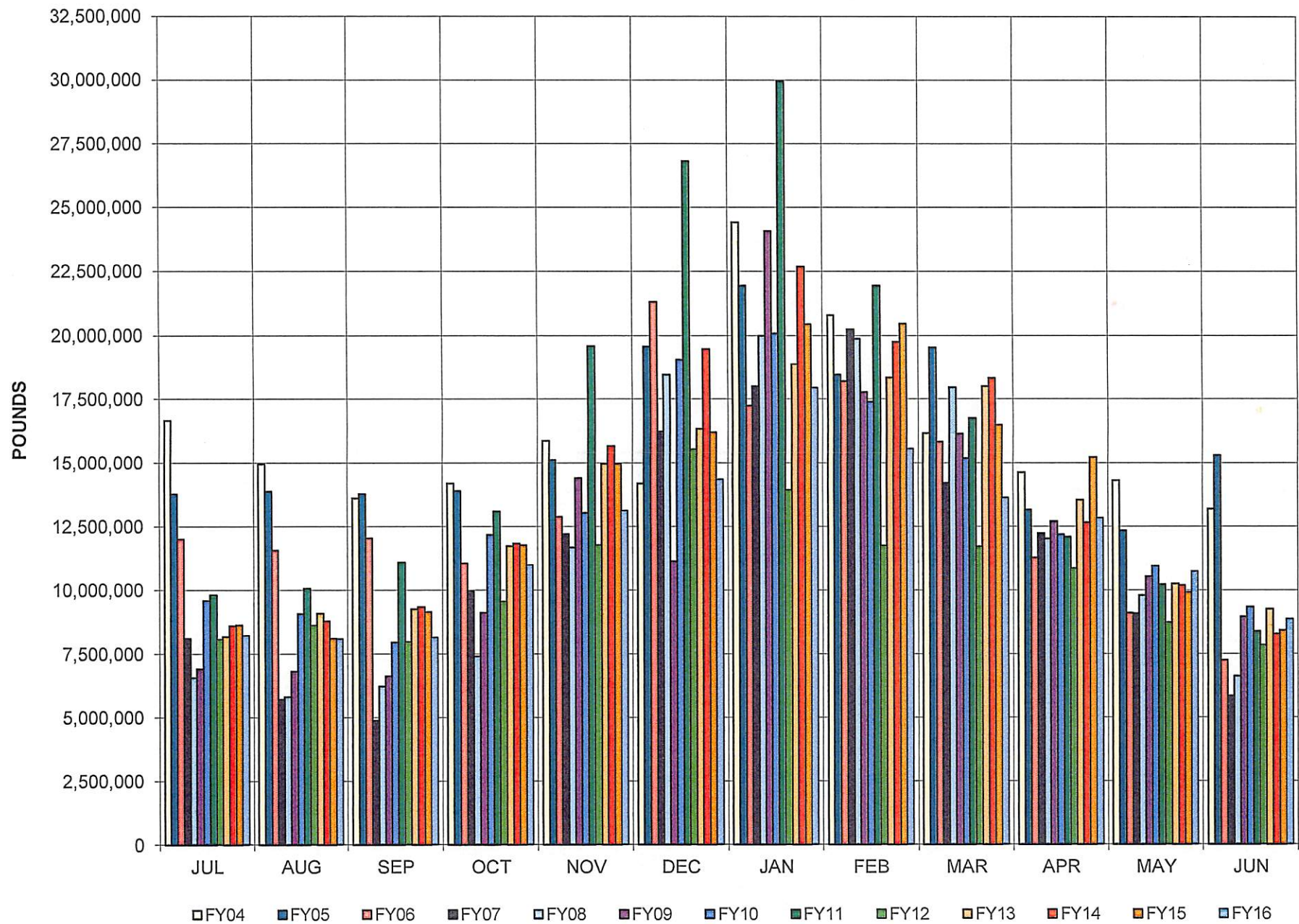


UT ALL CAMPUSES MONTHLY STEAM PRODUCTION

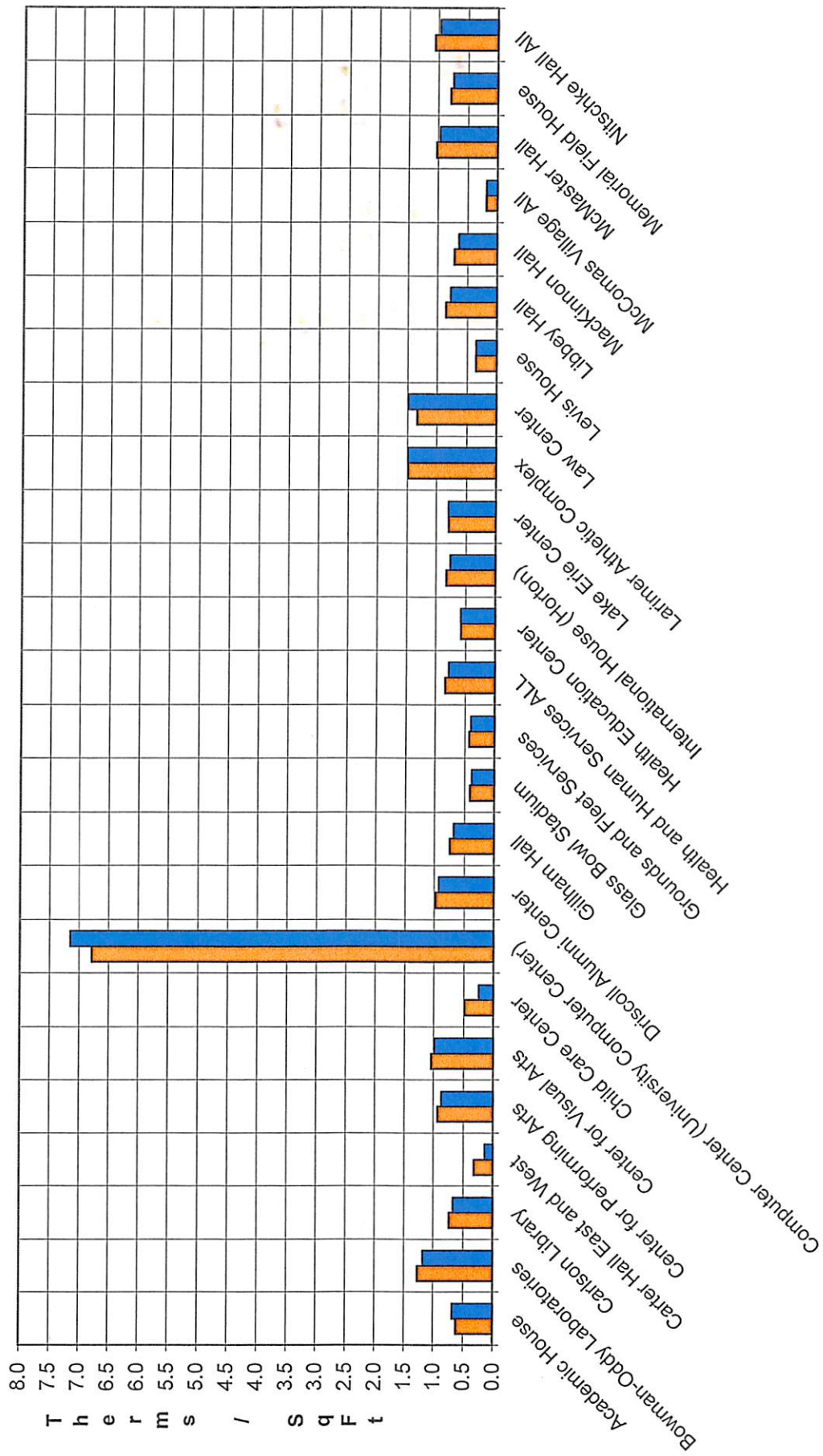




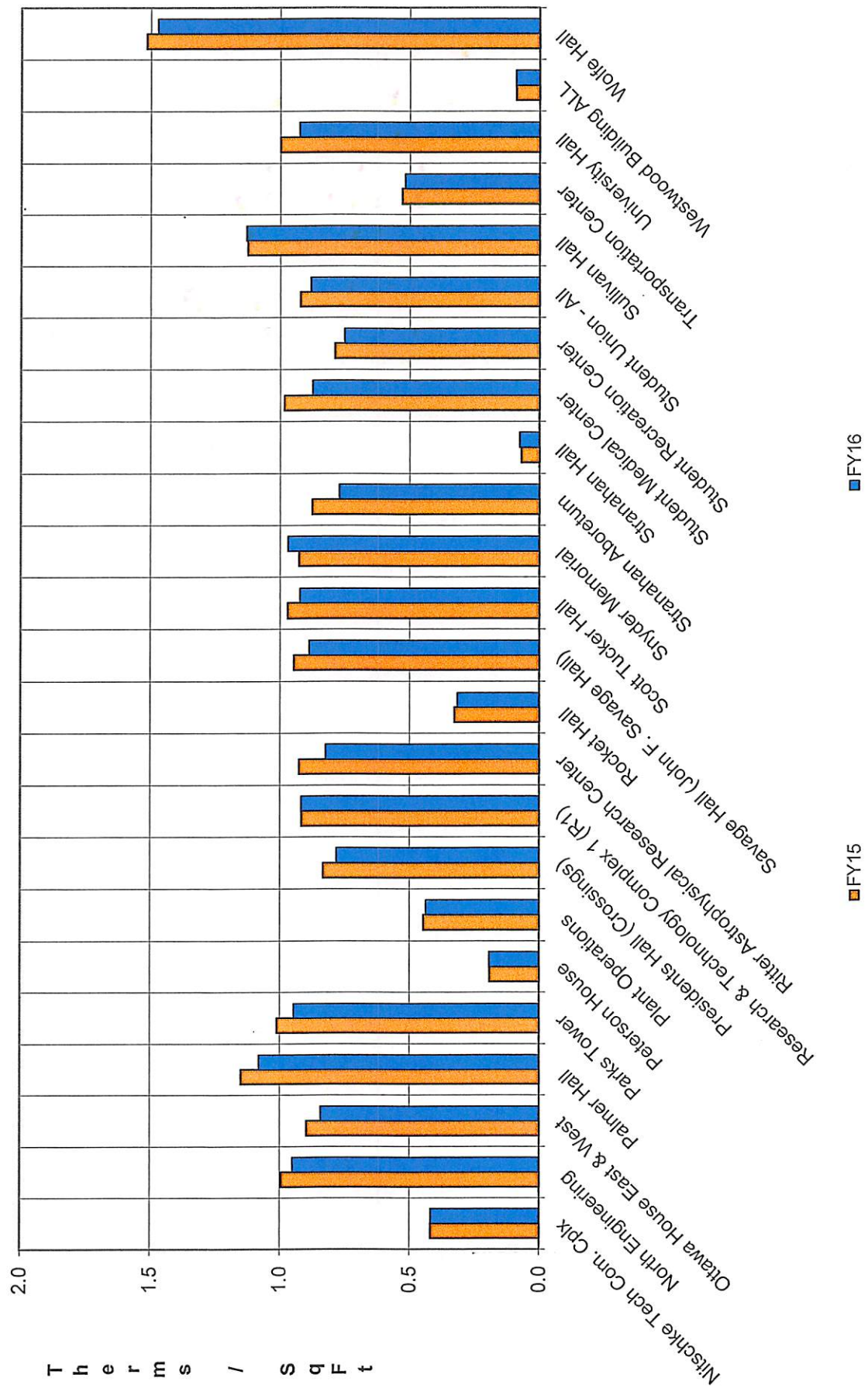
HEALTH SCIENCE CAMPUS MONTHLY STEAM PRODUCTION



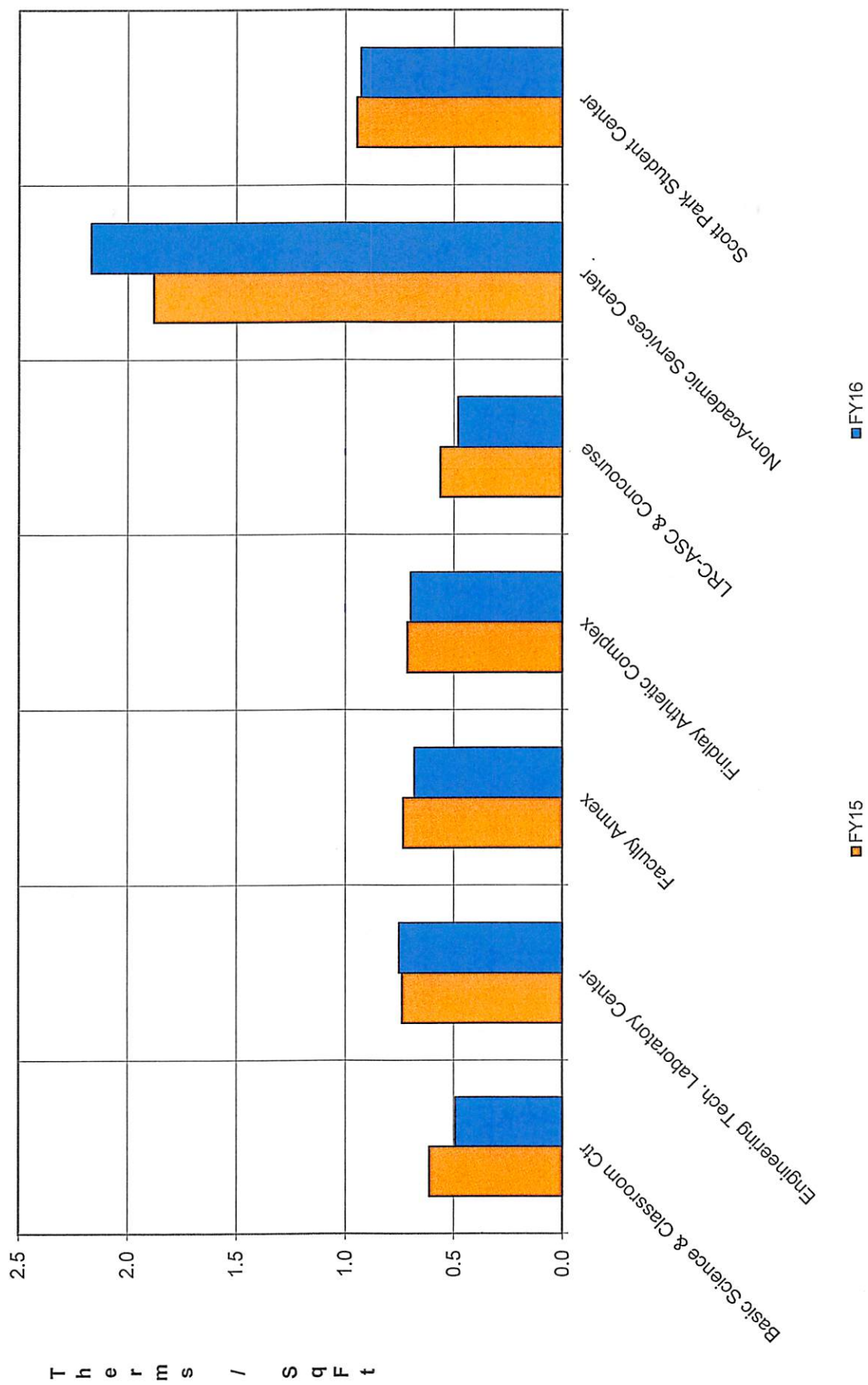
MAIN CAMPUS BUILDING ENERGY UTILIZATION INDEX



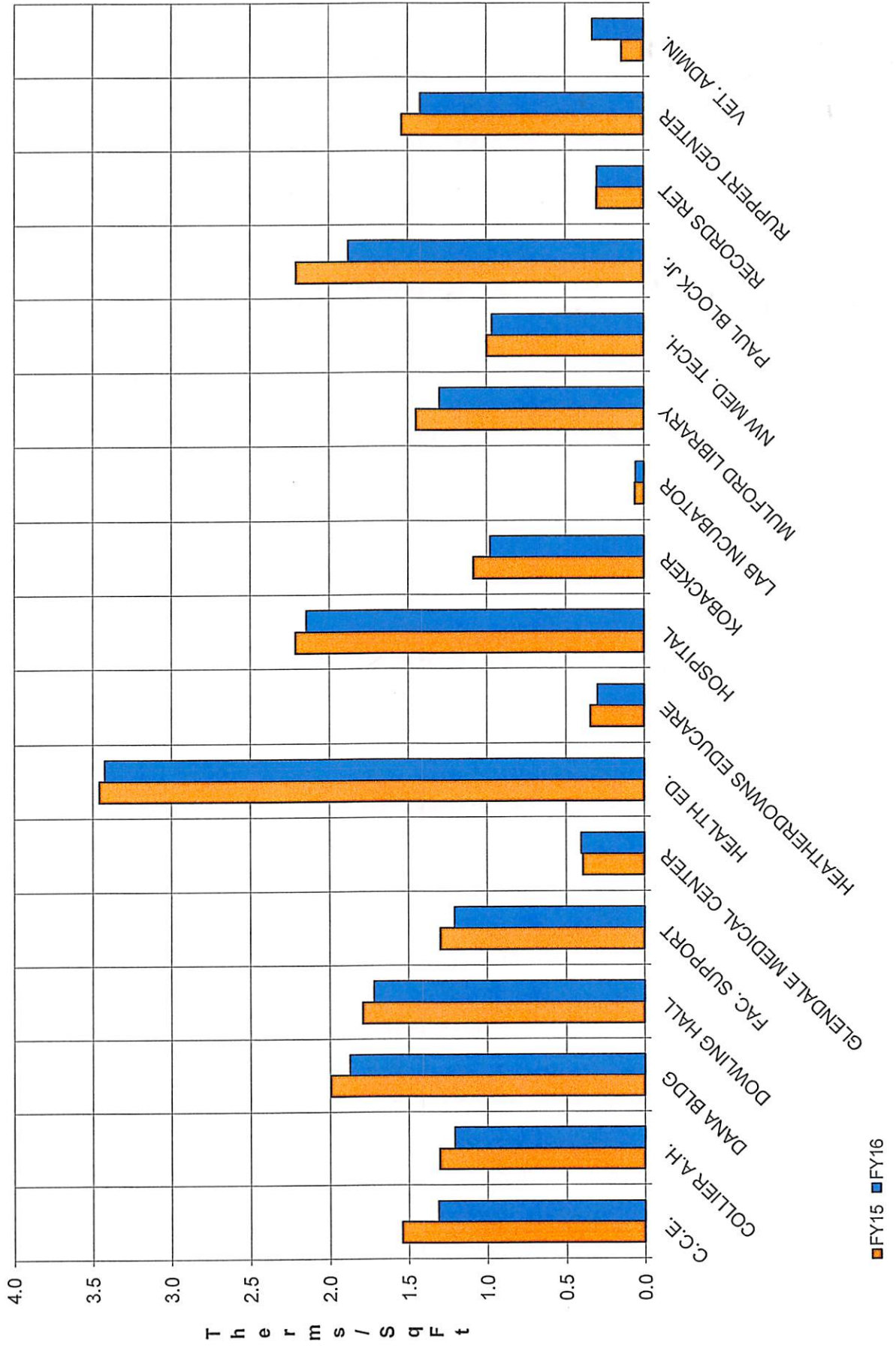
MAIN CAMPUS BUILDING ENERGY UTILIZATION INDEX



SCOTT PARK CAMPUS BUILDING ENERGY UTILIZATION INDEX



HEALTH SCIENCE CAMPUS BUILDING ENERGY UTILIZATION INDEX



UNIVERSITY OF TOLEDO
BUILDING Energy USAGE FISCAL YEAR 2016

Main Campus	GSF	Electric kWh	Steam Mlbs	Natural Gas MCF	EUI
Academic House	80,603	492,748	3,814		0.6819
Bowman-Oddy Laboratories	178,727	3,674,173	8,458	679	1.1787
Carlson Library	256,547	1,488,424	12,140		0.6712
Carter Hall East and West	124,889	266,829		8,317	0.1412
Center for Performing Arts	64,983	756,268	3,075		0.8704
Center for Visual Arts	51,899	1,371,186		4,301	0.9867
Child Care Center	15,941	96,506		671	0.2498
Driscoll Alumni Center	38,675	511,236	1,830		0.9244
Gillham Hall	92,347	557,845	4,370		0.6794
Glass Bowl Stadium	103,578	1,073,691		2,809	0.3816
Grounds and Fleet Services	13,009	113,663		1,206	0.3932
Health and Human Services (All)	163,006	1,450,611	7,714		0.7770
Health Education Center	79,016	695,044	3,697	655	0.5781
International House	138,904	1,180,952	6,573	345	0.7659
Lake Erie Center	34,054	657,100		4,495	0.7939
Larimer Athletic Complex	32,139	1,335,990	1,504	576	1.4916
Law Center	125,392	3,735,270	5,934	6	1.4900
Levis House (President's Residence)	6,457	55,793		327	0.3468
Libbey Hall	16,767	144,899	793	136	0.7765
MackInnon Hall	41,787	208,257	1,977		0.6433
Main Campus Medical Center	12,574	227,680	595		1.0912
McComas Village (All)	124,533	561,670		2,899	0.1778
McMaster Hall	67,194	984,497	3,180		0.9733
Memorial Field House	156,074	1,240,505	7,386		0.7445
Nitschke Hall-Nitschke Aud	132,159	1,930,160		6,254	0.9717
Nitschke Tech Commercialization Cplx	39,961	482,515		219	0.4177
North Engineering	252,894	3,529,905		11,968	0.9496
Ottawa House East & West	271,293	2,774,134	12,838	5,006	0.8411
Palmer Hall	67,040	1,192,163	3,173		1.0802
Parks Tower	166,213	2,239,471	7,866	1,798	0.9442
Peterson House	4,316	22,860		45	0.1915
Plant Operations	30,861	308,519		2,860	0.4362
Presidents Hall (The Crossings)	228,990	2,062,990	10,836	111	0.7812
Research & Technology Complex 1 (R1)	55,209	1,446,225		1,216	0.9166
Ritter Astrophysical Research Center	15,317	157,194	725		0.8235
Rocket Hall	109,552	921,470		3,064	0.3157
Savage Hall (John F. Savage Hall)	199,380	2,414,728	9,435		0.8866
Scott Tucker Hall	42,710	561,703	2,021		0.9221
Sculptural Studies	7,502	112,900		3,321	0.9674
Snyder Memorial	47,947	420,200	2,269		0.7723
Stranahan Arboretum	7,386	8,661		248	0.0744
Stranahan Hall	121,135	1,424,407	5,732		0.8746
Student Recreation Center	157,446	2,817,484	7,451	525	0.7518
Student Union (All)	221,225	2,602,232	10,469	1,711	0.8826
Sullivan Hall	13,401	257,639	634		1.1294
Transportation Center	19,826	263,498		1,248	0.5181
University Computer Center	32,872	2,256,162	1,556	5,640	7.1501
University Hall	292,633	3,859,610	13,848	463	0.9250
Westwood Building (All)	271,332	448,260		8,710	0.0893
Wolfe Hall	188,501	5,523,202	8,920	11	1.4733
SUB TOTALS	5,016,196	62,919,127	170,815	81,840	

UNIVERSITY OF TOLEDO
BUILDING Energy USAGE FISCAL YEAR 2016

	GSF	Electric kWh	Steam Mlbs	Natural Gas MCF	EUI
Health Science Campus					
Center Creative Education	88,810	1,111,857	7,841		1.3102
Collier Allied Health	111,363	1,057,208	9,832		1.2069
Dana Cancer Center	43,975	1,272,263	3,883		1.8703
Dowling Hall	247,616	6,062,515	21,862		1.7185
Facility Support	26,932	255,447	2,378		1.2066
Glendale Medical Center	40,516	451,809		852	0.4022
Glendale Medical East (VA)	40,447	357,522		1,031	0.3278
Health Education Bldg	254,875	18,968,472	22,503		3.4229
Health Science Bldg. (Block)	168,764	4,907,083	14,900		1.8753
Heatherdowns Educare Center	36,400	186,408		4,388	0.2983
Kobacker	41,140	114,503	3,632		0.9779
Lab Incubator (Records Retention)	20,533	29,646		124	0.0555
Mulford Library Bldg	137,930	1,671,610	12,178		1.2965
Northwest Medical Tech Center	38,614	1,013,098		2,662	0.9661
Records Retention	32,086	243,949		1,202	0.2979
Ruppert Center	114,126	1,796,798	10,076		1.4202
University Medical Ctr (Hospital)	378,123	13,996,358	33,384		2.1462
SUB TOTALS	1,822,250	53,496,546	142,468	10,259	

Scott Park Campus

Basic Science-Allied Health-Classrm Ctr	77,096	1,113,480			0.4929
Engineering Technology Laboratory Center	24,812	546,290			0.7514
Faculty Annex	8,895	177,490			0.6810
Findlay Athletic Complex	6,593	91,599		1,446	0.6989
Learning Resource Ctr-Acad Services Ctr	127,430	1,796,520			0.4812
Non-Academic Services Center	14,881	945,622			2.1688
Scott Park Student Center	30,601	832,500			0.9285
SUB TOTALS	290,308	5,503,500		1,446	

GRAND TOTALS	7,128,754	121,919,174	313,283	93,545	
---------------------	------------------	--------------------	----------------	---------------	--

UNIVERSITY OF TOLEDO
BUILDING Utility COST FISCAL YEAR 2016

Main Campus	Electric	Steam	Natural Gas	Water	Total
Academic House	\$32,611	\$39,644		\$7,392	\$79,647
Bowman-Oddy Laboratories	\$243,323	\$87,906	\$2,644	\$43,213	\$377,086
Carlson Library	\$98,713	\$126,181		\$13,818	\$238,712
Carter Hall East and West	\$17,571		\$35,004	\$30,468	\$83,043
Center for Performing Arts	\$50,011	\$31,962		\$4,501	\$86,473
Center for Visual Arts	\$91,180		\$18,438	\$16,901	\$126,518
Child Care Center	\$6,364		\$5,459	\$3,648	\$15,471
Driscoll Alumni Center	\$33,783	\$19,022		\$4,624	\$57,429
Gillham Hall	\$36,947	\$45,420		\$3,008	\$85,376
Glass Bowl Stadium	\$71,008		\$11,056	\$33,202	\$115,266
Grounds and Fleet Services	\$7,501		\$5,858	\$2,771	\$16,131
Health and Human Services (All)	\$96,115	\$80,174		\$25,773	\$202,061
Health Education Center	\$46,027	\$38,428	\$5,321	\$25,475	\$115,251
International House	\$78,224	\$68,319	\$2,581	\$41,510	\$190,633
Lake Erie Center	\$43,647		\$20,960	\$2,673	\$67,280
Larimer Athletic Complex	\$88,870	\$15,630	\$3,022	\$11,837	\$119,360
Law Center	\$247,376	\$61,673	\$359	\$12,439	\$321,848
Levis House (President's Residence)	\$5,643		\$2,046	\$7,392	\$15,080
Libbey Hall	\$9,602	\$8,247	\$888	\$1,746	\$20,482
Mackinnon Hall	\$13,779	\$20,553		\$8,242	\$42,574
Main Campus Medical Center	\$15,124	\$6,184		\$5,871	\$27,180
McComas Village (All)	\$37,224		\$27,343	\$38,313	\$102,881
McMaster Hall	\$65,170	\$33,049		\$2,189	\$100,407
Memorial Field House	\$82,262	\$76,764		\$154,466	\$313,492
Nitschke Hall-Nitschke Aud	\$128,428		\$65,002	\$25,290	\$218,719
Nitschke Tech Commercialization Cplx	\$31,808		\$2,245	\$6,465	\$40,518
North Engineering	\$234,234		\$124,384	\$48,393	\$407,012
Ottawa House East & West	\$183,674	\$133,434	\$30,565	\$56,073	\$403,747
Palmer Hall	\$79,207	\$32,973	\$14,623	\$12,829	\$139,632
Parks Tower	\$148,334	\$81,751	\$8,759	\$87,828	\$326,672
Peterson House	\$1,757		\$471	\$397	\$2,625
Plant Operations	\$20,357		\$13,898	\$6,573	\$40,828
Presidents Hall (The Crossings)	\$136,809	\$112,627	\$559	\$38,949	\$288,944
Research & Technology Complex 1 (R1)	\$95,955		\$9,205	\$3,715	\$108,876
Ritter Astrophysical Research Center	\$10,414	\$7,534		\$499	\$18,446
Rocket Hall	\$61,086		\$15,707	\$16,669	\$93,462
Savage Hall (John F. Savage Hall)	\$159,710	\$98,064		\$6,952	\$264,726
Scott Tucker Hall	\$37,475	\$21,007		\$6,192	\$64,674
Sculptural Studies	\$13,640		\$15,441	\$9,276	\$38,357
Snyder Memorial	\$27,854	\$23,582		\$1,562	\$52,998
Stranahan Arboretum	\$14,960		\$1,902	\$469	\$17,331
Stranahan Hall	\$94,382	\$59,580		\$3,946	\$157,907
Student Recreation Center	\$186,708	\$77,439	\$3,591	\$56,267	\$324,005
Student Union (All)	\$172,640	\$108,808	\$9,008	\$81,058	\$371,514
Sullivan Hall	\$17,395	\$6,591		\$1,229	\$25,215
Transportation Center	\$17,485		\$5,139	\$2,452	\$25,075
University Computer Center	\$149,399	\$16,168	\$21,963	\$11,361	\$198,891
University Hall	\$255,682	\$143,930	\$2,067	\$9,532	\$411,211
Westwood Building (All)	\$40,094		\$41,525	\$3,074	\$84,693
Wolfe Hall	\$365,748	\$92,713	\$274	\$50,770	\$509,505
SUB TOTALS	\$4,203,311	\$1,775,357	\$527,305	\$1,049,289	\$7,555,262

UNIVERSITY OF TOLEDO
BUILDING Utility COST FISCAL YEAR 2016

Health Science Campus	Electric	Steam	Natural Gas	Water	Total
Center Creative Education	\$74,855	\$79,161		\$7,563	\$161,580
Collier Allied Health	\$71,161	\$99,264		\$8,757	\$179,182
Dana Cancer Center	\$85,589	\$39,197		\$6,075	\$130,861
Dowling Hall	\$407,676	\$220,714		\$35,133	\$663,524
Facility Support	\$17,177	\$24,006		\$2,924	\$44,107
Glendale Medical Center	\$30,407		\$5,068	\$8,992	\$44,468
Glendale Medical East (VA)	\$24,027		\$4,641	\$5,077	\$33,745
Health Education Bldg	\$1,275,313	\$227,185		\$126,790	\$1,629,288
Health Science Bldg. (Block)	\$330,172	\$150,429		\$126,790	\$607,391
Heatherdowns Educare Center	\$23,465		\$20,886	\$4,843	\$49,194
Kobacker	\$7,702	\$36,670		\$7,021	\$51,393
Lab Incubator (Records Retention)	\$1,995		\$729	\$1,243	\$3,968
Mulford Library Bldg	\$112,500	\$122,945		\$2,124	\$237,569
Northwest Medical Tech Center	\$68,132		\$14,490	\$7,184	\$89,806
Records Retention	\$16,414		\$6,244	\$1,630	\$24,288
Ruppert Center	\$120,886	\$101,727		\$19,494	\$242,106
University Medical Ctr (Hospital)	\$941,814	\$337,043		\$369,545	\$1,648,402
SUB TOTALS	\$3,609,285	\$1,438,343	\$52,058	\$741,187	\$5,840,873
Scott Park Campus					
Basic Science-Allied Health-Classrm Ctr	\$132,851			\$9,449	\$142,301
Engineering Technology Laboratory Center	\$63,511			\$3,041	\$66,552
Faculty Annex	\$21,636			\$1,090	\$22,727
Findlay Athletic Complex	\$11,326		\$10,018	\$5,587	\$26,932
Learning Resource Ctr-Acad Services Ctr	\$214,261			\$15,619	\$229,880
Non-Academic Services Center	\$122,017			\$10,055	\$132,072
Scott Park Student Center	\$99,693			\$4,029	\$103,722
SUB TOTALS	\$665,296		\$10,018	\$48,870	\$724,184
GRAND TOTALS	\$8,477,892	\$3,213,700	\$589,381	\$1,839,346	\$14,120,319

BUILDING: Academic House
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	100 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	22,958	123	\$0.067	\$1,528	1	0.01	\$10.39	\$15	0	\$0.00	0	\$1,543
August	10	170	100%	43,209	240	\$0.066	\$2,873	7	0.04	\$10.39	\$74	0	\$0.00	0	\$2,947
September	48	138	100%	50,835	273	\$0.068	\$3,450	34	0.18	\$10.39	\$356	0	\$0.00	0	\$3,806
October	347	0	100%	51,130	147	\$0.068	\$3,464	247	0.71	\$10.39	\$2,572	0	\$0.00	0	\$6,036
November	595	0	100%	45,157	76	\$0.069	\$3,108	424	0.71	\$10.39	\$4,410	0	\$0.00	0	\$7,518
December	740	0	100%	48,511	66	\$0.063	\$3,036	528	0.71	\$10.39	\$5,485	0	\$0.00	0	\$8,520
1st half yr	1742	493		261,800	117	\$0.067	\$17,459	1,242	0.56	\$10.39	\$12,911	0	\$0.00	\$0	\$30,370
January	1182	0	100%	38,193	32	\$0.063	\$2,400	843	0.71	\$10.39	\$8,760	0	\$0.00	0	\$11,160
February	966	0	100%	44,669	46	\$0.063	\$2,828	689	0.71	\$10.39	\$7,160	0	\$0.00	0	\$9,988
March	674	0	100%	50,847	75	\$0.064	\$3,263	481	0.71	\$10.39	\$4,995	0	\$0.00	0	\$8,258
April	548	0	100%	40,318	74	\$0.071	\$2,846	391	0.71	\$10.39	\$4,062	0	\$0.00	0	\$6,907
May	224	69	100%	23,556	80	\$0.068	\$1,594	160	0.55	\$10.39	\$1,660	0	\$0.00	0	\$3,255
June	13	190	100%	33,365	164	\$0.067	\$2,221	9	0.05	\$10.39	\$96	0	\$0.00	0	\$2,318
2nd half yr	3607	259		230,948	60	\$0.066	\$15,152	2,572	0.67	\$10.39	\$26,733	0	\$0.00	\$0	\$41,885
TOTAL/YEAR	5349	752		492,748	81	\$0.066	\$32,611	3,814	0.63	\$10.39	\$39,644	0	\$0.00	\$0	\$72,255

Building Data:	1991	Energy Consumption to BTU Conversions			
Gross Area (ft)2	80,603	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
			1,681,749		
Gross Volume (ft)3	644,824	Steam = M (lbs) X 1,000,000	3,814,338	Total BTU Consumption/Yr	5,496,087,042
General Notes:		Natural Gas = MCF X 102,500	0	Gross Area (ft) 2	80,603
		Other Fuel	0	Divided by 100,000 =	0.6819 THERMS
		TOTAL BTU's x 1,000	5,496,087		

CHILLED WATER COST/YEAR \$21,000
ENERGY COST / SQ. FT. / YEAR \$1.16
WATER COST TOTAL/YEAR \$7,392
WATER / SQ. FT. / YEAR \$0.09
UTILITY COST/YEAR \$100,647

BUILDING: Bowman Oddy
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	100 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	314,586	1,682	\$0.067	\$20,943	3	0.02	\$10.39	\$33	1	\$6.16	\$6	\$20,982
August	10	170	100%	249,572	1,387	\$0.066	\$16,591	16	0.09	\$10.39	\$164	0	\$0.00	\$0	\$16,756
September	48	138	100%	287,628	1,546	\$0.068	\$19,519	76	0.41	\$10.39	\$789	1	\$10.03	\$10	\$20,318
October	347	0	100%	303,978	876	\$0.068	\$20,597	549	1.58	\$10.39	\$5,703	0	\$0.00	\$0	\$26,300
November	595	0	100%	283,533	477	\$0.069	\$19,517	941	1.58	\$10.39	\$9,778	6	\$5.78	\$35	\$29,330
December	740	0	100%	327,073	442	\$0.083	\$20,468	1,170	1.58	\$10.39	\$12,161	5	\$6.26	\$31	\$32,661
1st half yr	1742	493		1,766,371	790	\$0.067	\$117,636	2,754	1.23	\$10.39	\$28,628	13	\$6.32	\$82	\$146,347
January	1182	0	100%	311,536	264	\$0.083	\$19,574	1,869	1.58	\$10.39	\$19,425	20	\$3.74	\$75	\$39,074
February	966	0	100%	302,675	313	\$0.083	\$19,164	1,527	1.58	\$10.39	\$15,875	31	\$3.69	\$115	\$35,154
March	674	0	100%	334,931	487	\$0.084	\$21,491	1,086	1.58	\$10.39	\$11,077	129	\$3.91	\$505	\$33,072
April	548	0	100%	319,094	582	\$0.071	\$22,521	866	1.58	\$10.39	\$9,006	359	\$3.83	\$1,373	\$32,900
May	224	69	100%	324,026	1,106	\$0.068	\$21,931	354	1.21	\$10.39	\$3,681	107	\$3.92	\$419	\$26,031
June	13	190	100%	315,538	1,554	\$0.067	\$21,007	21	0.10	\$10.39	\$214	20	\$3.79	\$76	\$21,296
2nd half yr	3607	259		1,907,802	493	\$0.066	\$125,687	5,703	1.48	\$10.39	\$59,278	666	\$3.85	\$2,562	\$187,527
TOTAL/YEAR	5349	752		3,674,173	602	\$0.066	\$243,323	8,458	1.39	\$10.39	\$87,906	679	\$3.89	\$2,644	\$333,874

Building Data:	1966	Energy Consumption to BTU Conversions			
Gross Area (ft)2	178,727	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,429,816	Steam = M (lbs) X 1,000,000	8,457,814	Total BTU Consumption/Yr	21,067,363,260
General Notes:		Natural Gas = MCF X 102,500	69,598	Gross Area (ft) 2	178,727
		Other Fuel	0	Divided by 100,000 =	1.1787 THERMS
		TOTAL BTU's x 1,000	21,067,363		

ENERGY COST / SQ. FT. / YEAR \$1.87
WATER COST TOTAL/YEAR \$43,213
WATER / SQ. FT. / YEAR \$0.24
UTILITY COST/YEAR \$377,086

BUILDING: Carlson Library
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	131,389	762	\$0.067	\$8,747	5	0.02	\$10.39	\$47	0	\$4.50	\$0	\$8,794
August	10	170	100%	114,870	872	\$0.066	\$7,636	23	0.13	\$10.39	\$236	0	\$4.50	\$0	\$7,872
September	48	138	100%	138,209	1,527	\$0.068	\$9,379	109	0.59	\$10.39	\$1,132	0	\$4.50	\$0	\$10,512
October	347	0	100%	138,209	840	\$0.068	\$9,365	788	2.27	\$10.39	\$8,186	0	\$4.50	\$0	\$17,550
November	595	0	100%	132,163	356	\$0.069	\$9,098	1,350	2.27	\$10.39	\$14,036	0	\$4.50	\$0	\$23,133
December	740	0	100%	132,163	188	\$0.063	\$8,271	1,680	2.27	\$10.39	\$17,456	0	\$4.50	\$0	\$25,727
1st half yr	1742	493		787,002	352	\$0.067	\$52,496	3,954	1.77	\$10.39	\$41,093	0	\$4.50	\$0	\$93,589
January	1182	0	100%	88,328	174	\$0.063	\$5,550	2,683	2.27	\$10.39	\$27,883	0	\$4.50	\$0	\$33,433
February	966	0	100%	124,336	232	\$0.063	\$7,872	2,192	2.27	\$10.39	\$22,788	0	\$4.50	\$0	\$30,660
March	674	0	100%	143,166	302	\$0.064	\$9,186	1,530	2.27	\$10.39	\$15,899	0	\$4.50	\$0	\$25,086
April	548	0	100%	118,390	560	\$0.071	\$8,356	1,244	2.27	\$10.39	\$12,927	0	\$4.50	\$0	\$21,283
May	224	69	100%	115,329	939	\$0.068	\$7,806	508	1.74	\$10.39	\$5,284	0	\$4.50	\$0	\$13,090
June	13	190	100%	111,873	1,197	\$0.067	\$7,448	30	0.15	\$10.39	\$307	0	\$4.50	\$0	\$7,755
2nd half yr	3607	259		701,422	181	\$0.066	\$46,218	8,187	2.12	\$10.39	\$85,088	0	\$4.50	\$0	\$131,305
TOTAL/YEAR	5349	752		1,488,424	244	\$0.066	\$98,713	12,140	1.99	\$10.39	\$126,181	0	\$4.50	\$0	\$224,895

Building Data:	1973	Energy Consumption to BTU Conversions			
Gross Area (ft)2	256,547	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	2,052,376	Steam = M (lbs) X 1,000,000	12,140,454	Total BTU Consumption/Yr	17,220,444,956
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	256,547
		Other Fuel	0	Divided by 100,000 =	0.6712 THERMS
		TOTAL BTU's x 1,000	17,220,445		

ENERGY COST / SQ. FT. / YEAR \$0.88
WATER COST TOTAL/YEAR \$13,818
WATER / SQ. FT. / YEAR \$0.05
UTILITY COST/YEAR \$238,712

BUILDING: Carter Hall East and West
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	21,564	115	\$0.067	\$1,436	35	0.19	\$6.16	216	0	\$4.50	\$0	\$1,651
August	10	170	100%	20,319	113	\$0.066	\$1,351	34	0.19	\$9.93	338	0	\$4.50	\$0	\$1,688
September	48	138	100%	18,478	99	\$0.068	\$1,254	39	0.21	\$10.02	391	0	\$4.50	\$0	\$1,645
October	347	0	100%	17,648	51	\$0.068	\$1,196	93	0.27	\$8.59	799	0	\$4.50	\$0	\$1,995
November	595	0	100%	18,763	32	\$0.069	\$1,292	281	0.47	\$5.78	1,624	0	\$4.50	\$0	\$2,915
December	740	0	100%	30,735	42	\$0.063	\$1,923	725	0.98	\$6.26	4,539	0	\$4.50	\$0	\$6,463
1st half yr	1742	493		127,506	57	\$0.066	\$8,451	1,207	0.54	\$6.55	7,906	0	\$4.50	\$0	\$16,357
January	1182	0	100%	28,864	24	\$0.063	\$1,813	1,191	1.01	\$3.74	4,458	0	\$4.50	\$0	\$6,272
February	966	0	100%	27,172	28	\$0.063	\$1,720	1,392	1.44	\$3.69	5,143	0	\$4.50	\$0	\$6,863
March	674	0	100%	26,896	40	\$0.064	\$1,726	1,259	1.87	\$3.91	4,926	0	\$4.50	\$0	\$6,652
April	548	0	100%	21,817	40	\$0.071	\$1,540	1,568	2.86	\$3.83	5,998	0	\$4.50	\$0	\$7,538
May	224	69	100%	16,742	57	\$0.068	\$1,133	1,008	3.44	\$3.92	3,947	0	\$4.50	\$0	\$5,080
June	13	190	100%	17,832	88	\$0.067	\$1,187	692	3.41	\$3.79	2,626	0	\$4.50	\$0	\$3,813
2nd half yr	3607	259		139,323	36	\$0.065	\$9,120	7,110	1.84	\$3.81	\$27,098	0	\$4.50	\$0	\$36,217
TOTAL/YEAR	5349	752		266,829	44	\$0.066	\$17,571	8,317	1.36	\$4.21	\$35,004	0	\$4.50	\$0	\$52,575

Building Data:	1964	Energy Consumption to BTU Conversions			
Gross Area (ft)2	124,889	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	999,112	Natural Gas = MCF X 102,500	852,493	Total BTU Consumption/Yr	
General Notes:	Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2		1,763,179,877
	Other Fuel	0	Divided by 100,000 =		0.1412
	TOTAL BTU's x 1,000	1,763,180	THERMS		

ENERGY COST / SQ. FT. / YEAR \$0.42
WATER COST TOTAL/YEAR \$30,468
WATER / SQ. FT. / YEAR \$0.24
UTILITY COST/YEAR \$83,043

BUILDING: Center for Performing Arts
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	53,837	288	\$0.067	\$3,584	1	0.01	\$10.39	\$12	0	\$4.50	\$0	\$3,596
August	10	170	100%	51,724	287	\$0.066	\$3,439	6	0.03	\$10.39	\$60	0	\$4.50	\$0	\$3,498
September	48	138	100%	61,774	332	\$0.068	\$4,192	28	0.15	\$10.39	\$287	0	\$4.50	\$0	\$4,479
October	347	0	100%	57,945	167	\$0.068	\$3,926	199	0.57	\$10.39	\$2,073	0	\$4.50	\$0	\$6,000
November	595	0	100%	67,164	113	\$0.069	\$4,623	342	0.57	\$10.39	\$3,555	0	\$4.50	\$0	\$8,179
December	740	0	100%	67,195	91	\$0.063	\$4,205	425	0.57	\$10.39	\$4,422	0	\$4.50	\$0	\$8,627
1st half yr	1742	493		359,639	161	\$0.067	\$23,969	1,001	0.45	\$10.39	\$10,409	0	\$4.50	\$0	\$34,378
January	1182	0	100%	76,485	65	\$0.063	\$4,805	680	0.57	\$10.39	\$7,063	0	\$4.50	\$0	\$11,868
February	966	0	100%	72,886	75	\$0.063	\$4,615	555	0.57	\$10.39	\$5,772	0	\$4.50	\$0	\$10,387
March	674	0	100%	68,732	102	\$0.064	\$4,410	387	0.57	\$10.39	\$4,027	0	\$4.50	\$0	\$8,437
April	548	0	100%	64,687	118	\$0.071	\$4,565	315	0.57	\$10.39	\$3,274	0	\$4.50	\$0	\$7,840
May	224	69	100%	60,551	207	\$0.068	\$4,098	129	0.44	\$10.39	\$1,338	0	\$4.50	\$0	\$5,437
June	13	190	100%	53,289	263	\$0.067	\$3,548	7	0.04	\$10.39	\$78	0	\$4.50	\$0	\$3,625
2nd half yr	3607	259		396,629	103	\$0.066	\$26,042	2,074	0.54	\$10.39	\$21,553	0	\$4.50	\$0	\$47,594
TOTAL/YEAR	5349	752		756,268	124	\$0.066	\$50,011	3,075	0.50	\$10.39	\$31,962	0	\$4.50	\$0	\$81,973

Building Data: 1976

Energy Consumption to BTU Conversions

Gross Area (ft)2 64,983

Electricity = KWH X 3413

BTU's x 1,000
2,581,143

Energy Utilization Index =

Gross Volume (ft)3 519,864

Steam = M (lbs) X 1,000,000

3,075,160

Total BTU Consumption/Yr 5,656,303,521
Gross Area (ft) 2 64,983

General Notes:

Fuel Oil = Gallons X 138,690

0

Divided by 100,000 = 0.8704 THERMS

Other Fuel

0

TOTAL BTU's x 1,000

5,656,304

ENERGY COST / SQ. FT. / YEAR \$1.26

WATER COST TOTAL/YEAR \$4,501

WATER / SQ. FT. / YEAR \$0.07

UTILITY COST/YEAR \$86,473

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	168,300	900	\$0.067	\$11,204	489	2.61	\$4.38	2,140	0	\$4.50	\$0	\$13,345
August	10	170	100%	108,120	601	\$0.066	\$7,188	322	1.79	\$6.12	1,970	0	\$4.50	\$0	\$9,158
September	48	138	100%	117,300	631	\$0.068	\$7,960	306	1.65	\$4.28	1,311	0	\$4.50	\$0	\$9,271
October	347	0	100%	111,282	321	\$0.068	\$7,540	307	0.88	\$4.31	1,323	0	\$4.50	\$0	\$8,863
November	595	0	100%	119,340	201	\$0.069	\$8,215	367	0.62	\$4.11	1,508	0	\$4.50	\$0	\$9,723
December	740	0	100%	97,614	132	\$0.063	\$6,109	296	0.40	\$3.87	1,146	0	\$4.50	\$0	\$7,254
1st half yr	1742	493		721,956	323	\$0.067	\$48,216	2,087	0.93	\$4.50	9,399	0	\$4.50	\$0	\$57,615
January	1182	0	100%	81,294	69	\$0.063	\$5,108	453	0.38	\$3.84	1,740	0	\$4.50	\$0	\$6,848
February	966	0	100%	84,252	87	\$0.063	\$5,334	462	0.46	\$3.95	1,824	0	\$4.50	\$0	\$7,159
March	674	0	100%	77,520	115	\$0.064	\$4,974	463	0.69	\$4.16	1,927	0	\$4.50	\$0	\$6,901
April	548	0	100%	93,330	170	\$0.071	\$6,587	385	0.70	\$4.13	1,589	0	\$4.50	\$0	\$8,176
May	224	69	100%	120,870	413	\$0.068	\$8,181	237	0.81	\$4.38	1,038	0	\$4.50	\$0	\$9,219
June	13	190	100%	191,964	946	\$0.067	\$12,780	214	1.05	\$4.30	921	0	\$4.50	\$0	\$13,701
2nd half yr	3607	259		649,230	168	\$0.066	\$42,964	2,214	0.57	\$4.08	\$9,039	0	\$4.50	\$0	\$52,003
TOTAL/YEAR	5349	752		1,371,186	225	\$0.066	\$91,180	4,301	0.70	\$4.29	\$18,438	0	\$4.50	\$0	\$109,618

Building Data:	1991	Energy Consumption to BTU Conversions		
Gross Area (ft) ²	51,899	Electricity = KWH X 3413	BTU's x 1,000 4,679,858	Energy Utilization Index =
Gross Volume (ft) ³	415,192	Natural Gas = MCF X 102,500	440,853	
General Notes:		Fuel Oil = Gallons X 138,690	0	
		Other Fuel	0	
		TOTAL BTU's x 1,000	5,120,710	

Total BTU Consumption/Yr	5,120,710,318
Gross Area (ft) 2	51,899
Divided by 100,000 =	0.9867

THERMS

ENERGY COST / SQ. FT. / YEAR	\$2.11	
WATER COST TOTAL/YEAR		\$16,901
WATER / SQ. FT. / YEAR	\$0.33	
UTILITY COST/YEAR		\$126,518

BUILDING: Child Care Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	5,289	28	\$0.067	\$352	92	0.49	\$1.56	144	0	\$4.50	\$0	\$496
August	10	170	100%	4,568	25	\$0.066	\$304	12	0.06	\$14.08	163	0	\$4.50	\$0	\$467
September	48	138	100%	4,578	25	\$0.068	\$311	14	0.07	\$13.26	179	0	\$4.50	\$0	\$490
October	347	0	100%	7,149	21	\$0.068	\$484	29	0.08	\$10.61	306	0	\$4.50	\$0	\$790
November	595	0	100%	8,092	14	\$0.069	\$557	52	0.09	\$9.39	488	0	\$4.50	\$0	\$1,045
December	740	0	100%	11,666	16	\$0.063	\$730	126	0.17	\$8.33	1,050	0	\$4.50	\$0	\$1,780
1st half yr	1742	493		41,341	18	\$0.066	\$2,738	324	0.14	\$7.19	2,330	0	\$4.50	\$0	\$5,068
January	1182	0	100%	9,324	8	\$0.063	\$586	103	0.09	\$8.39	860	0	\$4.50	\$0	\$1,445
February	966	0	100%	9,225	10	\$0.063	\$584	60	0.06	\$8.94	536	0	\$4.50	\$0	\$1,120
March	674	0	100%	10,551	16	\$0.064	\$677	51	0.08	\$9.18	466	0	\$4.50	\$0	\$1,142
April	548	0	100%	8,561	16	\$0.071	\$604	72	0.13	\$8.73	627	0	\$4.50	\$0	\$1,231
May	224	69	100%	8,561	29	\$0.068	\$579	39	0.13	\$9.88	385	0	\$4.50	\$0	\$964
June	13	190	100%	8,942	44	\$0.067	\$595	23	0.11	\$10.99	256	0	\$4.50	\$0	\$851
2nd half yr	3607	259		55,165	14	\$0.066	\$3,626	347	0.09	\$9.01	\$3,129	0	\$4.50	\$0	\$6,755
TOTAL/YEAR	5349	752		96,506	16	\$0.066	\$6,364	671	0.11	\$8.13	\$5,459	0	\$4.50	\$0	\$11,823

Building Data:	1996	Energy Consumption to BTU Conversions			
Gross Area (ft)2	15,941	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	127,528	Natural Gas = MCF X 102,500	68,788	Total BTU Consumption/Yr	398,162,387
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	15,941
		Other Fuel	0	Divided by 100,000 =	0.2498 THERMS
		TOTAL BTU's x 1,000	398,162		

ENERGY COST / SQ. FT. / YEAR \$0.74
WATER COST TOTAL/YEAR \$3,648
WATER / SQ. FT. / YEAR \$0.23
UTILITY COST/YEAR \$15,471

BUILDING: Driscoll Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	38,581	206	\$0.067	\$2,569	1	0.00	\$10.39	\$7	0	\$4.50	\$0	\$2,576
August	10	170	100%	42,181	234	\$0.066	\$2,805	3	0.02	\$10.39	\$36	0	\$4.50	\$0	\$2,840
September	48	138	100%	38,348	206	\$0.068	\$2,602	16	0.09	\$10.39	\$171	0	\$4.50	\$0	\$2,773
October	347	0	100%	38,838	112	\$0.068	\$2,632	118	0.34	\$10.39	\$1,234	0	\$4.50	\$0	\$3,866
November	595	0	100%	41,574	70	\$0.069	\$2,862	204	0.34	\$10.39	\$2,116	0	\$4.50	\$0	\$4,978
December	740	0	100%	46,335	63	\$0.063	\$2,900	253	0.34	\$10.39	\$2,632	0	\$4.50	\$0	\$5,531
1st half yr	1742	493		245,867	110	\$0.067	\$16,369	596	0.27	\$10.39	\$6,195	0	\$4.50	\$0	\$22,564
January	1182	0	100%	47,366	40	\$0.063	\$2,976	404	0.34	\$10.39	\$4,203	0	\$4.50	\$0	\$7,179
February	966	0	100%	51,940	54	\$0.063	\$3,289	331	0.34	\$10.39	\$3,435	0	\$4.50	\$0	\$6,724
March	674	0	100%	48,406	72	\$0.064	\$3,106	231	0.34	\$10.39	\$2,397	0	\$4.50	\$0	\$5,503
April	548	0	100%	42,108	77	\$0.071	\$2,972	188	0.34	\$10.39	\$1,949	0	\$4.50	\$0	\$4,921
May	224	69	100%	38,172	130	\$0.068	\$2,584	77	0.26	\$10.39	\$797	0	\$4.50	\$0	\$3,380
June	13	190	100%	37,378	184	\$0.067	\$2,488	4	0.02	\$10.39	\$46	0	\$4.50	\$0	\$2,535
2nd half yr	3607	259		265,369	69	\$0.066	\$17,414	1,234	0.32	\$10.39	\$12,827	0	\$4.50	\$0	\$30,242
TOTAL/YEAR	5349	752		511,236	84	\$0.066	\$33,783	1,830	0.30	\$10.39	\$19,022	0	\$4.50	\$0	\$52,805

Building Data:	1977	Energy Consumption to BTU Conversions			
Gross Area (ft)2	38,675	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	309,400	Steam = M (lbs) X 1,000,000	1,830,199	Total BTU Consumption/Yr	3,575,047,427
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	38,675
		Other Fuel	0	Divided by 100,000 =	0.9244 THERMS
		TOTAL BTU's x 1,000	3,575,047		

ENERGY COST / SQ. FT. / YEAR \$1.37
WATER COST TOTAL/YEAR \$4,624
WATER / SQ. FT. / YEAR \$0.12
UTILITY COST/YEAR \$57,429

BUILDING: Gilham Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	46,517	249	\$0.067	\$3,097	2	0.01	\$10.39	\$17	0	\$4.50	\$0	\$3,114
August	10	170	100%	43,359	241	\$0.066	\$2,882	8	0.05	\$10.39	\$85	0	\$4.50	\$0	\$2,967
September	48	138	100%	46,570	250	\$0.068	\$3,160	39	0.21	\$10.39	\$408	0	\$4.50	\$0	\$3,568
October	347	0	100%	47,973	138	\$0.068	\$3,251	283	0.82	\$10.39	\$2,947	0	\$4.50	\$0	\$6,197
November	595	0	100%	42,896	72	\$0.069	\$2,953	486	0.82	\$10.39	\$5,052	0	\$4.50	\$0	\$8,005
December	740	0	100%	48,204	65	\$0.063	\$3,017	605	0.82	\$10.39	\$6,284	0	\$4.50	\$0	\$9,300
1st half yr	1742	493		275,519	123	\$0.067	\$18,360	1,423	0.64	\$10.39	\$14,792	0	\$4.50	\$0	\$33,152
January	1182	0	100%	43,631	37	\$0.063	\$2,741	966	0.82	\$10.39	\$10,037	0	\$4.50	\$0	\$12,778
February	966	0	100%	45,642	47	\$0.063	\$2,890	789	0.82	\$10.39	\$8,203	0	\$4.50	\$0	\$11,092
March	674	0	100%	51,651	77	\$0.064	\$3,314	551	0.82	\$10.39	\$5,723	0	\$4.50	\$0	\$9,037
April	548	0	100%	45,644	83	\$0.071	\$3,221	448	0.82	\$10.39	\$4,653	0	\$4.50	\$0	\$7,875
May	224	69	100%	41,522	158	\$0.068	\$2,810	183	0.62	\$10.39	\$1,902	0	\$4.50	\$0	\$4,712
June	13	190	100%	54,237	196	\$0.067	\$3,611	11	0.05	\$10.39	\$110	0	\$4.50	\$0	\$3,721
2nd half yr	3607	259		282,327	73	\$0.066	\$18,588	2,947	0.76	\$10.39	\$30,628	0	\$4.50	\$0	\$49,216
TOTAL/YEAR	5349	752		557,845	91	\$0.066	\$36,947	4,370	0.72	\$10.39	\$45,420	0	\$4.50	\$0	\$82,368

Building Data:	1953	Energy Consumption to BTU Conversions			
Gross Area (ft)2	92,347	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	738,776	Steam = M (lbs) X 1,000,000	4,370,094	Total BTU Consumption/Yr	6,274,020,295
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	92,347
		Other Fuel	0	Divided by 100,000 =	0.6794 THERMS
		TOTAL BTU's x 1,000	6,274,020		

ENERGY COST / SQ. FT. / YEAR \$0.89
WATER COST TOTAL/YEAR \$3,008
WATER / SQ. FT. / YEAR \$0.03
UTILITY COST/YEAR \$85,376

BUILDING: Glass Bowl Stadium
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	85,434	457	\$0.067	\$5,688	12	0.06	\$6.16	\$74	0	\$4.50	\$0	\$5,762
August	10	170	100%	93,276	518	\$0.066	\$6,201	8	0.04	\$9.93	\$79	0	\$4.50	\$0	\$6,280
September	48	138	100%	110,987	597	\$0.068	\$7,532	6	0.03	\$10.02	\$60	0	\$4.50	\$0	\$7,592
October	347	0	100%	108,766	313	\$0.068	\$7,370	5	0.01	\$8.59	\$43	0	\$4.50	\$0	\$7,413
November	595	0	100%	110,276	185	\$0.069	\$7,591	24	0.04	\$5.78	\$139	0	\$4.50	\$0	\$7,730
December	740	0	100%	110,690	150	\$0.063	\$6,927	67	0.09	\$6.26	\$420	0	\$4.50	\$0	\$7,346
1st half yr	1742	493		619,429	277	\$0.067	\$41,308	122	0.05	\$6.68	\$815	0	\$4.50	\$0	\$42,123
January	1182	0	100%	79,677	67	\$0.063	\$5,006	309	0.26	\$3.74	\$1,157	0	\$4.50	\$0	\$6,163
February	966	0	100%	94,029	97	\$0.063	\$5,953	706	0.73	\$3.69	\$2,608	0	\$4.50	\$0	\$8,562
March	674	0	100%	100,638	149	\$0.064	\$6,457	567	0.84	\$3.91	\$2,219	0	\$4.50	\$0	\$8,676
April	548	0	100%	65,536	120	\$0.071	\$4,625	706	1.29	\$3.83	\$2,701	0	\$4.50	\$0	\$7,326
May	224	69	100%	38,088	130	\$0.068	\$2,578	353	1.20	\$3.92	\$1,382	0	\$4.50	\$0	\$3,960
June	13	190	100%	76,294	376	\$0.067	\$5,079	46	0.23	\$3.79	\$175	0	\$4.50	\$0	\$5,254
2nd half yr	3607	259		454,262	118	\$0.065	\$29,699	2,687	0.70	\$3.81	\$10,241	0	\$4.50	\$0	\$39,940
TOTAL/YEAR	5349	752		1,073,691	176	\$0.066	\$71,008	2,809	0.46	\$3.94	\$11,056	0	\$4.50	\$0	\$82,063

Building Data:	1937	Energy Consumption to BTU Conversions			
Gross Area (ft)2	103,578	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	828,624	Natural Gas = MCF X 102,500	287,923	Total BTU Consumption/Yr	3,952,429,883
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	103,578
		Other Fuel	0	Divided by 100,000 =	0.3816 THERMS
		TOTAL BTU's x 1,000	3,952,430		

ENERGY COST / SQ. FT. / YEAR \$0.79
WATER COST TOTAL/YEAR \$33,202
WATER / SQ. FT. / YEAR \$0.32
UTILITY COST/YEAR \$115,266

BUILDING: Grounds
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	10,179	54	\$0.067	\$678	5	0.03	\$22.50	\$120	0	\$4.50	\$0	\$798
August	10	170	100%	9,025	50	\$0.066	\$600	2	0.01	\$52.08	\$108	0	\$4.50	\$0	\$708
September	48	138	100%	9,319	50	\$0.068	\$632	2	0.01	\$57.98	\$103	0	\$4.50	\$0	\$736
October	347	0	100%	7,859	23	\$0.068	\$532	2	0.01	\$44.75	\$106	0	\$4.50	\$0	\$639
November	595	0	100%	8,060	14	\$0.069	\$555	14	0.02	\$11.31	\$154	0	\$4.50	\$0	\$709
December	740	0	100%	10,413	14	\$0.063	\$652	54	0.07	\$5.50	\$297	0	\$4.50	\$0	\$949
1st half yr	1742	493		54,854	25	\$0.067	\$3,649	79	0.04	\$11.23	\$889	0	\$4.50	\$0	\$4,538
January	1182	0	100%	11,800	10	\$0.063	\$741	194	0.16	\$4.15	\$803	0	\$4.50	\$0	\$1,544
February	966	0	100%	10,951	11	\$0.063	\$693	259	0.27	\$4.16	\$1,079	0	\$4.50	\$0	\$1,772
March	674	0	100%	10,471	16	\$0.064	\$672	291	0.43	\$4.32	\$1,258	0	\$4.50	\$0	\$1,930
April	548	0	100%	8,521	16	\$0.071	\$601	241	0.44	\$4.32	\$1,042	0	\$4.50	\$0	\$1,643
May	224	69	100%	7,430	25	\$0.068	\$503	111	0.38	\$4.97	\$551	0	\$4.50	\$0	\$1,054
June	13	190	100%	9,635	47	\$0.067	\$641	31	0.15	\$7.74	\$236	0	\$4.50	\$0	\$878
2nd half yr	3607	259		58,809	15	\$0.066	\$3,852	1,127	0.29	\$4.41	\$4,969	0	\$4.50	\$0	\$8,822
TOTAL/YEAR	5349	752		113,663	19	\$0.066	\$7,501	1,206	0.20	\$4.86	\$5,858	0	\$4.50	\$0	\$13,360

Building Data:	1995	Energy Consumption to BTU Conversions			
Gross Area (ft)2	13,009	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	104,072	Natural Gas = MCF X 102,500	123,586	Total BTU Consumption/Yr	511,516,636
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	13,009
		Other Fuel	0	Divided by 100,000 =	0.3932 THERMS
		TOTAL BTU's x 1,000	511,517		

ENERGY COST / SQ. FT. / YEAR \$1.03
WATER COST TOTAL/YEAR \$2,771
WATER / SQ. FT. / YEAR \$0.21
UTILITY COST/YEAR \$16,131

BUILDING: Health Human Services
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	115,490	618	\$0.067	\$7,689	3	0.02	\$10.39	\$30	0	\$0.00	\$0	\$7,719
August	10	170	100%	121,355	674	\$0.066	\$8,068	14	0.08	\$10.39	\$150	0	\$0.00	\$0	\$8,217
September	48	138	100%	114,692	617	\$0.068	\$7,783	69	0.37	\$10.39	\$719	0	\$0.00	\$0	\$8,503
October	347	0	100%	114,224	329	\$0.068	\$7,740	500	1.44	\$10.39	\$5,201	0	\$0.00	\$0	\$12,941
November	595	0	100%	117,783	198	\$0.069	\$8,108	858	1.44	\$10.39	\$8,918	0	\$0.00	\$0	\$17,026
December	740	0	100%	120,812	163	\$0.063	\$7,560	1,067	1.44	\$10.39	\$11,092	0	\$0.00	\$0	\$18,652
1st half yr	1742	493		704,357	315	\$0.067	\$46,947	2,512	1.12	\$10.39	\$26,110	0	\$0.00	\$0	\$73,057
January	1182	0	100%	120,609	102	\$0.063	\$7,578	1,705	1.44	\$10.39	\$17,716	0	\$0.00	\$0	\$25,294
February	966	0	100%	122,812	127	\$0.063	\$7,776	1,393	1.44	\$10.39	\$14,479	0	\$0.00	\$0	\$22,255
March	674	0	100%	133,935	199	\$0.064	\$8,594	972	1.44	\$10.39	\$10,102	0	\$0.00	\$0	\$18,696
April	548	0	100%	131,839	241	\$0.071	\$9,305	790	1.44	\$10.39	\$8,214	0	\$0.00	\$0	\$17,519
May	224	69	100%	120,015	410	\$0.068	\$8,123	323	1.10	\$10.39	\$3,357	0	\$0.00	\$0	\$11,480
June	13	190	100%	117,044	577	\$0.067	\$7,792	19	0.09	\$10.39	\$195	0	\$0.00	\$0	\$7,987
2nd half yr	3607	259		746,254	193	\$0.066	\$49,168	5,202	1.35	\$10.39	\$54,064	0	\$0.00	\$0	\$103,231
TOTAL/YEAR	5349	752		1,450,611	238	\$0.066	\$96,115	7,714	1.26	\$10.39	\$80,174	0	\$0.00	\$0	\$176,288

Building Data:	1961	Energy Consumption to BTU Conversions			
Gross Area (ft)2	163,006	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,304,048	Steam = M (lbs) X 1,000,000	7,713,857	Total BTU Consumption/Yr 12,664,791,797	
General Notes:		Natural Gas = MCF X 102,500	0	Gross Area (ft) 2 163,006	
		Other Fuel	0	Divided by 100,000 = 0.7770 THERMS	
		TOTAL BTU's x 1,000	12,664,792		

ENERGY COST / SQ. FT. / YEAR \$1.08
WATER COST TOTAL/YEAR \$25,773
WATER / SQ. FT. / YEAR \$0.16
UTILITY COST/YEAR \$202,061

BUILDING: Health Education Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	59,651	319	\$0.067	\$3,971	0	0.00	\$0.00	\$0	316	\$6.16	\$1,946	\$5,917
August	10	170	100%	52,628	292	\$0.066	\$3,499	0	0.00	\$0.00	\$0	253	\$9.93	\$2,512	\$6,011
September	48	138	100%	56,295	303	\$0.068	\$3,820	0	0.00	\$0.00	\$0	86	\$10.02	\$862	\$4,682
October	347	0	100%	60,445	174	\$0.068	\$4,098	243	0.70	\$10.39	\$2,521	0	\$0.00	\$0	\$6,617
November	595	0	100%	54,888	92	\$0.069	\$3,778	416	0.70	\$10.39	\$4,323	0	\$0.00	\$0	\$8,101
December	740	0	100%	65,230	88	\$0.063	\$4,082	517	0.70	\$10.39	\$5,377	0	\$0.00	\$0	\$9,459
1st half yr	1742	493		349,136	156	\$0.067	\$23,246	1,176	0.53	\$10.39	\$12,221	655	\$8.12	\$5,321	\$40,788
January	1182	0	100%	55,583	47	\$0.063	\$3,492	826	0.70	\$10.39	\$8,588	0	\$0.00	\$0	\$12,080
February	966	0	100%	56,041	58	\$0.063	\$3,548	675	0.70	\$10.39	\$7,019	0	\$0.00	\$0	\$10,567
March	674	0	100%	62,803	93	\$0.064	\$4,030	471	0.70	\$10.39	\$4,897	0	\$0.00	\$0	\$8,927
April	548	0	100%	58,146	106	\$0.071	\$4,104	383	0.70	\$10.39	\$3,982	0	\$0.00	\$0	\$8,085
May	224	69	100%	55,888	191	\$0.068	\$3,783	157	0.53	\$10.39	\$1,627	0	\$0.00	\$0	\$5,410
June	13	190	100%	57,446	283	\$0.067	\$3,824	9	0.04	\$10.39	\$94	0	\$0.00	\$0	\$3,919
2nd half yr	3607	259		345,907	89	\$0.066	\$22,781	2,521	0.65	\$10.39	\$26,207	0	\$0.00	\$0	\$48,988
TOTAL/YEAR	5349	752		695,044	114	\$0.066	\$46,027	3,697	0.61	\$10.39	\$38,428	655	\$8.12	\$5,321	\$89,776

Building Data:	1967	Energy Consumption to BTU Conversions			
Gross Area (ft)2	79,016	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	632,128	Natural Gas = MCF X 102,500	378,973	Total BTU Consumption/Yr	4,567,995,105
General Notes:		Fuel Oil = Gallons X 138,690	1,816,839	Gross Area (ft) 2	79,016
		Other Fuel	0	Divided by 100,000 =	0.5781 THERMS
		TOTAL BTU's x 1,000	4,567,995		

ENERGY COST / SQ. FT. / YEAR \$1.14
WATER COST TOTAL/YEAR \$25,475
WATER / SQ. FT. / YEAR \$0.32
UTILITY COST/YEAR \$115,251

BUILDING: International House
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	89,659	479	\$0.067	\$5,969	2	0.01	\$10.39	\$26	18	\$13.94	\$244	\$6,238
August	10	170	100%	88,816	493	\$0.066	\$5,904	12	0.07	\$10.39	\$128	0	\$0.00	\$0	\$6,032
September	48	138	100%	112,921	607	\$0.068	\$7,663	59	0.32	\$10.39	\$613	29	\$6.19	\$177	\$8,453
October	347	0	100%	116,217	335	\$0.068	\$7,875	426	1.23	\$10.39	\$4,432	42	\$7.18	\$300	\$12,607
November	595	0	100%	107,109	180	\$0.069	\$7,373	731	1.23	\$10.39	\$7,600	41	\$7.19	\$293	\$15,265
December	740	0	100%	108,767	147	\$0.063	\$6,807	909	1.23	\$10.39	\$9,452	36	\$7.27	\$262	\$16,521
1st half yr	1742	493		623,489	279	\$0.067	\$41,591	2,141	0.96	\$10.39	\$22,249	165	\$7.75	\$1,275	\$65,116
January	1182	0	100%	96,330	81	\$0.063	\$6,052	1,453	1.23	\$10.39	\$15,097	20	\$7.67	\$153	\$21,302
February	966	0	100%	104,350	108	\$0.063	\$6,607	1,187	1.23	\$10.39	\$12,338	35	\$7.13	\$250	\$19,195
March	674	0	100%	108,523	161	\$0.064	\$6,963	828	1.23	\$10.39	\$8,609	34	\$7.17	\$240	\$15,812
April	548	0	100%	102,265	187	\$0.071	\$7,218	673	1.23	\$10.39	\$6,999	36	\$7.29	\$262	\$14,479
May	224	69	100%	66,278	226	\$0.068	\$4,486	275	0.94	\$10.39	\$2,861	35	\$7.19	\$250	\$7,596
June	13	190	100%	79,716	393	\$0.067	\$5,307	16	0.08	\$10.39	\$166	22	\$6.99	\$150	\$5,623
2nd half yr	3607	259		557,463	144	\$0.066	\$36,633	4,433	1.15	\$10.39	\$46,070	181	\$7.22	\$1,305	\$84,008
TOTAL YEAR	5349	752		1,180,952	194	\$0.066	\$78,224	6,573	1.08	\$10.39	\$68,319	345	\$7.47	\$2,581	\$149,124

Building Data:	1994	Energy Consumption to BTU Conversions			
Gross Area (ft) ²	138,904	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft) ³	1,111,232	Steam = M (lbs) X 1,000,000	6,573,289	Total BTU Consumption/Yr	
General Notes:		Natural Gas = MCF X 102,500	35,393	Gross Area (ft) ²	
		Other Fuel	0	Divided by 100,000 =	
		TOTAL BTU's x 1,000	10,639,271	10,639,270,510	
				138,904	
				0.7659 THERMS	

CHILLED WATER COST/YEAR \$36,400
ENERGY COST / SQ. FT. / YEAR \$1.34
WATER COST TOTAL/YEAR \$41,510
WATER / SQ. FT. / YEAR \$0.30
UTILITY COST/YEAR \$227,033

BUILDING: Lake Erie Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	61,500	329	\$0.067	\$4,094	147	0.79	\$6.27	922	0	\$4.50	\$0	\$5,016
August	10	170	100%	73,300	407	\$0.066	\$4,873	103	0.57	\$8.82	909	0	\$4.50	\$0	\$5,781
September	48	138	100%	74,600	401	\$0.068	\$5,063	193	1.04	\$5.55	1,070	0	\$4.50	\$0	\$6,133
October	347	0	100%	72,900	210	\$0.068	\$4,940	196	0.56	\$5.55	1,088	0	\$4.50	\$0	\$6,027
November	595	0	100%	53,000	89	\$0.069	\$3,648	256	0.43	\$5.03	1,287	0	\$4.50	\$0	\$4,936
December	740	0	100%	50,900	69	\$0.063	\$3,185	387	0.52	\$4.30	1,665	0	\$4.50	\$0	\$4,851
1st half yr	1742	493		386,200	173	\$0.067	\$25,803	1,282	0.57	\$5.41	6,942	0	\$4.50	\$0	\$32,745
January	1182	0	100%	41,400	35	\$0.063	\$2,601	553	0.47	\$4.16	2,298	0	\$4.50	\$0	\$4,900
February	966	0	100%	44,600	46	\$0.063	\$2,824	656	0.68	\$4.17	2,736	0	\$4.50	\$0	\$5,560
March	674	0	100%	47,200	70	\$0.064	\$3,029	712	1.06	\$4.35	3,097	0	\$4.50	\$0	\$6,125
April	548	0	100%	42,700	78	\$0.071	\$3,014	568	1.04	\$4.37	2,483	0	\$4.50	\$0	\$5,497
May	224	69	100%	47,300	161	\$0.068	\$3,201	456	1.56	\$4.57	2,086	0	\$4.50	\$0	\$5,287
June	13	190	100%	47,700	235	\$0.067	\$3,176	268	1.32	\$4.92	1,318	0	\$4.50	\$0	\$4,494
2nd half yr	3607	259		270,900	70	\$0.066	\$17,844	3,213	0.83	\$4.36	\$14,018	0	\$4.50	\$0	\$31,862
TOTAL/YEAR	5349	752		657,100	108	\$0.066	\$43,647	4,495	0.74	\$4.66	\$20,960	0	\$4.50	\$0	\$64,607

Building Data:	1997	Energy Consumption to BTU Conversions			
Gross Area (ft)2	34,054	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
			2,242,682		
Gross Volume (ft)3	272,432	Natural Gas = MCF X 102,500	460,738	Total BTU Consumption/Yr	2,703,419,800
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	34,054
		Other Fuel	0	Divided by 100,000 =	0.7939 THERMS
		TOTAL BTU's x 1,000	2,703,420		

ENERGY COST / SQ. FT. / YEAR \$1.90
WATER COST TOTAL/YEAR \$2,673
WATER / SQ. FT. / YEAR \$0.08
UTILITY COST/YEAR \$67,280

BUILDING: Larimer Athletic Complex
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	96,275	515	\$0.067	\$6,409	0	0.00	\$0.00	\$0	2	\$6.16	\$12	\$6,422
August	10	170	100%	84,445	469	\$0.066	\$5,614	0	0.00	\$0.00	\$0	3	\$9.93	\$30	\$5,644
September	48	138	100%	147,120	791	\$0.068	\$9,984	0	0.00	\$0.00	\$0	35	\$10.02	\$351	\$10,335
October	347	0	100%	147,120	424	\$0.068	\$9,969	99	0.28	\$10.39	\$1,025	59	\$8.59	\$507	\$11,501
November	595	0	100%	94,985	160	\$0.069	\$6,538	169	0.28	\$10.39	\$1,758	73	\$5.78	\$422	\$8,719
December	740	0	100%	94,985	128	\$0.063	\$5,944	210	0.28	\$10.39	\$2,187	66	\$6.26	\$413	\$8,544
1st half yr	1742	493		664,930	298	\$0.067	\$44,458	478	0.21	\$10.39	\$4,971	238	\$7.29	\$1,735	\$51,164
January	1182	0	100%	69,360	59	\$0.063	\$4,358	336	0.28	\$10.39	\$3,493	68	\$3.74	\$255	\$8,105
February	966	0	100%	86,440	89	\$0.063	\$5,473	275	0.28	\$10.39	\$2,855	63	\$3.69	\$233	\$8,560
March	674	0	100%	99,660	148	\$0.064	\$6,395	192	0.28	\$10.39	\$1,992	48	\$3.91	\$188	\$8,574
April	548	0	100%	95,210	174	\$0.071	\$6,720	156	0.28	\$10.39	\$1,619	57	\$3.83	\$218	\$8,557
May	224	69	100%	123,730	422	\$0.068	\$8,374	64	0.22	\$10.39	\$662	56	\$3.92	\$219	\$9,256
June	13	190	100%	196,660	969	\$0.067	\$13,092	4	0.02	\$10.39	\$38	46	\$3.79	\$175	\$13,305
2nd half yr	3607	259		671,060	174	\$0.066	\$44,412	1,026	0.27	\$10.39	\$10,659	338	\$3.81	\$1,287	\$56,358
TOTAL/YEAR	5349	752		1,335,990	219	\$0.067	\$88,870	1,504	0.25	\$10.39	\$15,630	576	\$5.25	\$3,022	\$107,522

Building Data:	1990	Energy Consumption to BTU Conversions			
Gross Area (ft)2	32,139	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	257,112	Natural Gas = MCF X 102,500	154,143	Total BTU Consumption/Yr	4,793,768,556
General Notes:		Fuel Oil = Gallons X 138,700	79,891	Gross Area (ft) 2	32,139
		Other Fuel	0	Divided by 100,000 =	1.4916 THERMS
		TOTAL BTU's x 1,000	4,793,769		

ENERGY COST / SQ. FT. / YEAR \$3.35
WATER COST TOTAL/YEAR \$11,837
WATER / SQ. FT. / YEAR \$0.37
UTILITY COST/YEAR \$119,360

BUILDING: Law Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	337,511	1,805	\$0.067	\$22,470	2	0.01	\$10.39	\$23	1	\$93.14	\$84	\$22,576
August	10	170	100%	295,139	1,640	\$0.066	\$19,621	11	0.06	\$10.39	\$115	1	\$0.60	\$0	\$19,736
September	48	138	100%	311,718	1,676	\$0.068	\$21,154	53	0.29	\$10.39	\$553	0	\$68.30	\$27	\$21,735
October	347	0	100%	337,737	973	\$0.068	\$22,884	385	1.11	\$10.39	\$4,001	1	\$55.98	\$28	\$26,913
November	595	0	100%	263,485	443	\$0.069	\$18,137	660	1.11	\$10.39	\$6,860	1	\$55.72	\$28	\$25,025
December	740	0	100%	335,242	453	\$0.063	\$20,979	821	1.11	\$10.39	\$8,532	0	\$68.63	\$27	\$29,539
1st half yr	1742	493		1,880,832	842	\$0.067	\$125,245	1,932	0.86	\$10.39	\$20,085	3	\$60.86	\$195	\$145,525
January	1182	0	100%	288,439	244	\$0.063	\$18,122	1,311	1.11	\$10.39	\$13,628	1	\$55.04	\$28	\$31,778
February	986	0	100%	303,157	314	\$0.063	\$19,194	1,072	1.11	\$10.39	\$11,138	1	\$54.72	\$27	\$30,360
March	674	0	100%	350,934	521	\$0.064	\$22,517	748	1.11	\$10.39	\$7,771	0	\$67.08	\$27	\$30,315
April	548	0	100%	316,352	577	\$0.071	\$22,328	608	1.11	\$10.39	\$6,318	1	\$54.34	\$27	\$28,673
May	224	69	100%	289,210	987	\$0.068	\$19,575	248	0.85	\$10.39	\$2,583	0	\$69.23	\$28	\$22,185
June	13	180	100%	306,345	1,509	\$0.067	\$20,395	14	0.07	\$10.39	\$150	1	\$56.30	\$28	\$20,573
2nd half yr	3607	259		1,854,437	480	\$0.066	\$122,131	4,001	1.04	\$10.39	\$41,588	3	\$58.83	\$165	\$163,884
TOTAL/YEAR	5349	752		3,735,270	612	\$0.066	\$247,376	5,934	0.97	\$10.39	\$61,673	6	\$59.91	\$359	\$309,409

Building Data:	1972	Energy Consumption to BTU Conversions	
Gross Area (ft)2	125,392	Electricity = KWH X 3413	BTU's x 1,000 12,748,475
Gross Volume (ft)3	1,003,136	Steam = M (lbs) X 1,000,000	5,933,867
General Notes:		Natural Gas = MCF X 102,500	615
		Other Fuel	0
		TOTAL BTU's x 1,000	18,682,958
		Energy Utilization Index =	
		Total BTU Consumption/Yr	18,682,957,530
		Gross Area (ft) 2	125,392
		Divided by 100,000 =	1.4900 THERMS

ENERGY COST / SQ. FT. / YEAR \$2.47
WATER COST TOTAL/YEAR \$12,439
WATER / SQ. FT. / YEAR \$0.10
UTILITY COST/YEAR \$321,848

BUILDING: Levis House
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	4,357	23	\$0.067	\$290	19	0.10	\$8.07	156	0	\$4.50	\$0	\$447
August	10	170	100%	4,135	23	\$0.066	\$275	33	0.19	\$0.94	31	0	\$4.50	\$0	\$306
September	48	138	100%	2,138	11	\$0.068	\$145	74	0.40	\$2.02	149	0	\$4.50	\$0	\$294
October	347	0	100%	2,852	8	\$0.068	\$193	11	0.03	\$45.78	499	0	\$4.50	\$0	\$692
November	595	0	100%	3,124	5	\$0.069	\$215	16	0.03	\$5.52	89	0	\$4.50	\$0	\$305
December	740	0	100%	5,982	8	\$0.063	\$374	30	0.04	\$4.06	121	0	\$4.50	\$0	\$496
1st half yr	1742	493		22,588	10	\$0.066	\$1,493	183	0.08	\$5.71	\$1,046	0	\$4.50	\$0	\$2,539
January	1182	0	100%	8,119	7	\$0.063	\$510	33	0.03	\$6.33	210	0	\$4.50	\$0	\$720
February	966	0	100%	8,641	9	\$0.063	\$547	22	0.02	\$10.34	230	0	\$4.50	\$0	\$777
March	674	0	100%	3,351	5	\$0.064	\$215	16	0.02	\$10.30	162	0	\$4.50	\$0	\$377
April	548	0	100%	6,392	12	\$0.071	\$451	12	0.02	\$9.83	120	0	\$4.50	\$0	\$571
May	224	69	100%	3,351	11	\$0.068	\$227	23	0.08	\$4.30	100	0	\$4.50	\$0	\$327
June	13	190	100%	3,351	17	\$0.067	\$223	37	0.18	\$4.78	178	0	\$4.50	\$0	\$402
2nd half yr	3607	259		33,205	9	\$0.065	\$2,173	144	0.04	\$6.95	\$999	0	\$4.50	\$0	\$3,172
TOTAL/YEAR	5349	752		55,793	9	\$0.101	\$5,643	327	0.05	\$6.26	\$2,046	0	\$4.50	\$0	\$7,689

Building Data: 1920

Energy Consumption to BTU Conversions

BTU's x 1,000

Gross Area (ft)2 6,457

Electricity = KWH X 3413

190,422

Energy Utilization Index =

Gross Volume (ft)3 51,656

Natural Gas = MCF X 102,500

33,518

Total BTU Consumption/Yr 223,939,009

Gross Area (ft) 2 6,457

General Notes:

Fuel Oil = Gallons X 138,690

0

Divided by 100,000 = 0.3468 THERMS

Other Fuel

0

TOTAL BTU's x 1,000

223,939

ENERGY COST / SQ. FT. / YEAR \$1.19

WATER COST TOTAL/YEAR \$7,392

WATER / SQ. FT. / YEAR \$1.14

UTILITY COST/YEAR \$15,080

BUILDING: Libby Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	14,233	76	\$0.067	\$948	0	0.00	\$10.39	\$3	0		161	\$1,112
August	10	170	100%	11,783	65	\$0.066	\$783	1	0.01	\$10.39	\$15	0		0	\$799
September	48	138	100%	12,164	65	\$0.068	\$825	7	0.04	\$10.39	\$74	0		0	\$899
October	347	0	100%	13,109	38	\$0.068	\$888	51	0.15	\$10.39	\$535	8	\$0.00	0	\$1,423
November	595	0	100%	11,962	20	\$0.069	\$823	88	0.15	\$10.39	\$917	10	\$0.00	0	\$1,741
December	740	0	100%	13,081	18	\$0.063	\$819	110	0.15	\$10.39	\$1,141	8	\$35.05	287	\$2,247
1st half yr	1742	493		76,332	34	\$0.067	\$5,087	258	0.12	\$10.39	\$2,686	26	\$17.38	\$448	\$8,221
January	1182	0	100%	10,368	9	\$0.063	\$651	175	0.15	\$10.39	\$1,822	7	\$11.05	81	\$2,554
February	966	0	100%	11,395	12	\$0.063	\$721	143	0.15	\$10.39	\$1,489	0		83	\$2,294
March	674	0	100%	12,355	18	\$0.064	\$793	100	0.15	\$10.39	\$1,039	12	\$0.00	0	\$1,832
April	548	0	100%	10,845	20	\$0.071	\$765	81	0.15	\$10.39	\$845	84	\$1.29	108	\$1,718
May	224	69	100%	11,632	40	\$0.068	\$787	33	0.11	\$10.39	\$345	7	\$12.08	87	\$1,220
June	13	190	100%	11,972	59	\$0.067	\$797	2	0.01	\$10.39	\$20	0		80	\$897
2nd half yr	3607	259		68,567	18	\$0.066	\$4,515	535	0.14	\$10.39	\$5,561	110	\$3.98	\$439	\$10,516
TOTAL/YEAR	5349	752		144,899	24	\$0.066	\$9,602	793	0.13	\$10.39	\$8,247	136	\$6.52	\$888	\$18,736

Building Data:	1935	Energy Consumption to BTU Conversions			
Gross Area (ft)2	16,767	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	134,136	Steam = M (lbs) X 1,000,000	793,457	Total BTU Consumption/Yr	1,301,947,446
General Notes:		Natural Gas = MCF X 102,500	13,950	Gross Area (ft) 2	16,767
		Other Fuel	0	Divided by 100,000 =	0.7765 THERMS
		TOTAL BTU's x 1,000	1,301,947		

ENERGY COST / SQ. FT. / YEAR \$1.12
WATER COST TOTAL/YEAR \$1,746
WATER / SQ. FT. / YEAR \$0.10
UTILITY COST/YEAR \$20,482

BUILDING: MacKinnon Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	15,436	83	\$0.067	\$1,028	1	0.00	\$10.39	\$8	0	\$4.50	\$0	\$1,035
August	10	170	100%	15,048	84	\$0.066	\$1,000	4	0.02	\$10.39	\$38	0	\$4.50	\$0	\$1,039
September	48	138	100%	17,806	96	\$0.068	\$1,208	18	0.10	\$10.39	\$184	0	\$4.50	\$0	\$1,393
October	347	0	100%	19,377	56	\$0.068	\$1,313	128	0.37	\$10.39	\$1,333	0	\$4.50	\$0	\$2,646
November	595	0	100%	17,809	30	\$0.069	\$1,226	220	0.37	\$10.39	\$2,286	0	\$4.50	\$0	\$3,512
December	740	0	100%	18,884	26	\$0.063	\$1,182	274	0.37	\$10.39	\$2,843	0	\$4.50	\$0	\$4,025
1st half yr	1742	493		104,360	47	\$0.067	\$6,957	644	0.29	\$10.39	\$6,693	0	\$4.50	\$0	\$13,650
January	1182	0	100%	18,475	16	\$0.063	\$1,161	437	0.37	\$10.39	\$4,542	0	\$4.50	\$0	\$5,702
February	966	0	100%	19,777	20	\$0.063	\$1,252	357	0.37	\$10.39	\$3,712	0	\$4.50	\$0	\$4,964
March	674	0	100%	21,350	32	\$0.064	\$1,370	248	0.37	\$10.39	\$2,590	0	\$4.50	\$0	\$3,960
April	548	0	100%	19,144	35	\$0.071	\$1,351	203	0.37	\$10.39	\$2,106	0	\$4.50	\$0	\$3,457
May	224	69	100%	12,351	42	\$0.068	\$836	83	0.28	\$10.39	\$861	0	\$4.50	\$0	\$1,697
June	13	190	100%	12,800	63	\$0.067	\$852	5	0.02	\$10.39	\$50	0	\$4.50	\$0	\$902
2nd half yr	3607	259		103,897	27	\$0.066	\$6,822	1,333	0.34	\$10.39	\$13,859	0	\$4.50	\$0	\$20,681
TOTAL/YEAR	5349	752		208,257	34	\$0.066	\$13,779	1,977	0.32	\$10.39	\$20,553	0	\$4.50	\$0	\$34,332

Building Data:	1938	Energy Consumption to BTU Conversions			
Gross Area (ft)2	41,787	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	334,296	Steam = M (lbs) X 1,000,000	1,977,467	<div> <div>Total BTU Consumption/Yr</div> <div>Gross Area (ft) 2</div> <div>2,688,247,481</div> <div>41,787</div> </div>	
General Notes:		Fuel Oil = Gallons X 138,690	0	Divided by 100,000 =	
		Other Fuel	0	0.6433 THERMS	
		TOTAL BTU's x 1,000	2,688,247		

CHILLED WATER COST/YEAR	\$10,200
ENERGY COST / SQ. FT. / YEAR	\$1.07
WATER COST TOTAL/YEAR	\$8,242
WATER / SQ. FT. / YEAR	\$0.20
UTILITY COST/YEAR	\$52,774

BUILDING: Main Campus Medical Center
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	29,720	159	\$0.067	\$1,979	0	0.00	\$10.39	\$2	0	\$4.50	\$0	\$1,981
August	10	170	100%	25,090	139	\$0.066	\$1,668	1	0.01	\$10.39	\$12	0	\$4.50	\$0	\$1,680
September	48	138	100%	22,155	119	\$0.068	\$1,504	5	0.03	\$10.39	\$55	0	\$4.50	\$0	\$1,559
October	347	0	100%	22,155	64	\$0.068	\$1,501	39	0.11	\$10.39	\$401	0	\$4.50	\$0	\$1,902
November	595	0	100%	16,840	28	\$0.069	\$1,159	66	0.11	\$10.39	\$688	0	\$4.50	\$0	\$1,847
December	740	0	100%	16,840	23	\$0.063	\$1,054	82	0.11	\$10.39	\$856	0	\$4.50	\$0	\$1,909
1st half yr	1742	493		132,800	59	\$0.067	\$8,864	194	0.09	\$10.39	\$2,014	0	\$4.50	\$0	\$10,878
January	1182	0	100%	10,930	9	\$0.063	\$687	131	0.11	\$10.39	\$1,367	0	\$4.50	\$0	\$2,053
February	966	0	100%	15,100	16	\$0.063	\$956	107	0.11	\$10.39	\$1,117	0	\$4.50	\$0	\$2,073
March	674	0	100%	16,040	24	\$0.064	\$1,029	75	0.11	\$10.39	\$779	0	\$4.50	\$0	\$1,808
April	548	0	100%	13,220	24	\$0.071	\$933	61	0.11	\$10.39	\$634	0	\$4.50	\$0	\$1,567
May	224	69	100%	17,220	59	\$0.068	\$1,166	25	0.09	\$10.39	\$259	0	\$4.50	\$0	\$1,424
June	13	190	100%	22,370	110	\$0.087	\$1,489	1	0.01	\$10.39	\$15	0	\$4.50	\$0	\$1,504
2nd half yr	3607	259		94,880	25	\$0.066	\$6,260	401	0.10	\$10.39	\$4,170	0	\$4.50	\$0	\$10,430
TOTAL/YEAR	5349	752		227,680	37	\$0.066	\$15,124	595	0.10	\$10.39	\$6,184	0	\$4.50	\$0	\$21,309

Building Data:	1991	Energy Consumption to BTU Conversions			
Gross Area (ft)2	12,574	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	100,592	Steam = M (lbs) X 1,000,000	595,034	<div> <div>Total BTU Consumption/Yr</div> <div>Gross Area (ft) 2</div> <div>1,372,105,369</div> <div>12,574</div> </div>	
General Notes:		Fuel Oil = Gallons X 138,690	0	Divided by 100,000 =	
		Other Fuel	0	1.0912 THERMS	
		TOTAL BTU's x 1,000	1,372,105		

ENERGY COST / SQ. FT. / YEAR \$1.69
 WATER COST TOTAL/YEAR \$5,871
 WATER / SQ. FT. / YEAR \$0.47
 UTILITY COST/YEAR \$27,180

BUILDING: McComas Village
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	16,912	90	\$0.067	\$1,126	31	0.16	\$56.08	1,722	0	\$4.50	\$0	\$2,847
August	10	170	100%	54,775	304	\$0.066	\$3,641	14	0.08	\$5.65	81	0	\$4.50	\$0	\$3,723
September	48	138	100%	74,675	401	\$0.068	\$5,068	71	0.38	\$13.44	958	0	\$4.50	\$0	\$6,026
October	347	0	100%	60,788	175	\$0.068	\$4,119	109	0.31	\$13.62	1,487	0	\$4.50	\$0	\$5,606
November	595	0	100%	50,545	85	\$0.069	\$3,479	167	0.28	\$10.54	1,759	0	\$4.50	\$0	\$5,239
December	740	0	100%	44,568	60	\$0.063	\$2,789	403	0.54	\$8.43	3,395	0	\$4.50	\$0	\$6,184
1st half yr	1742	493		302,263	135	\$0.067	\$20,222	795	0.36	\$11.83	\$9,403	0	\$4.50	\$0	\$29,625
January	1182	0	100%	49,306	42	\$0.063	\$3,098	513	0.43	\$7.93	4,071	0	\$4.50	\$0	\$7,169
February	966	0	100%	57,219	59	\$0.063	\$3,623	522	0.54	\$7.98	4,163	0	\$4.50	\$0	\$7,786
March	674	0	100%	56,605	84	\$0.064	\$3,632	588	0.87	\$7.84	4,609	0	\$4.50	\$0	\$8,241
April	548	0	100%	54,036	99	\$0.071	\$3,814	320	0.58	\$8.76	2,802	0	\$4.50	\$0	\$6,616
May	224	69	100%	20,813	71	\$0.068	\$1,409	147	0.50	\$11.09	1,632	0	\$4.50	\$0	\$3,040
June	13	190	100%	21,427	106	\$0.067	\$1,426	14	0.07	\$46.71	663	0	\$4.50	\$0	\$2,090
2nd half yr	3607	259		259,406	67	\$0.066	\$17,002	2,104	0.54	\$8.53	\$17,941	0	\$4.50	\$0	\$34,942
TOTAL/YEAR	5349	752		561,670	92	\$0.066	\$37,224	2,899	0.48	\$9.43	\$27,343	0	\$4.50	\$0	\$64,567

Building Data:	1990	Energy Consumption to BTU Conversions			
Gross Area (ft)2	124,533	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	996,264	Natural Gas = MCF X 102,500	297,140	Total BTU Consumption/Yr	2,214,118,670
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	124,533
		Other Fuel	0	Divided by 100,000 =	0.1778 THERMS
		TOTAL BTU's x 1,000	2,214,119		

ENERGY COST / SQ. FT. / YEAR \$0.52
WATER COST TOTAL/YEAR \$38,313
WATER / SQ. FT. / YEAR \$0.31
UTILITY COST/YEAR \$102,881

BUILDING: McMaster Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	82,171	439	\$0.067	\$5,470	1	0.01	\$10.39	\$12	0	\$4.50	\$0	\$5,483
August	10	170	100%	74,710	415	\$0.066	\$4,967	6	0.03	\$10.39	\$62	0	\$4.50	\$0	\$5,028
September	48	138	100%	78,912	424	\$0.068	\$5,355	29	0.15	\$10.39	\$297	0	\$4.50	\$0	\$5,652
October	347	0	100%	86,089	248	\$0.068	\$5,832	206	0.59	\$10.39	\$2,144	0	\$4.50	\$0	\$7,976
November	595	0	100%	75,458	127	\$0.069	\$5,194	354	0.59	\$10.39	\$3,676	0	\$4.50	\$0	\$8,870
December	740	0	100%	89,351	121	\$0.063	\$5,592	440	0.59	\$10.39	\$4,572	0	\$4.50	\$0	\$10,164
1st half yr	1742	493		486,670	218	\$0.067	\$32,410	1,036	0.46	\$10.39	\$10,763	0	\$4.50	\$0	\$43,173
January	1182	0	100%	78,365	66	\$0.063	\$4,924	703	0.59	\$10.39	\$7,303	0	\$4.50	\$0	\$12,227
February	966	0	100%	85,366	88	\$0.063	\$5,405	574	0.59	\$10.39	\$5,968	0	\$4.50	\$0	\$11,373
March	674	0	100%	94,990	141	\$0.064	\$6,095	401	0.59	\$10.39	\$4,164	0	\$4.50	\$0	\$10,259
April	548	0	100%	83,967	153	\$0.071	\$5,926	326	0.59	\$10.39	\$3,386	0	\$4.50	\$0	\$9,312
May	224	69	100%	73,711	252	\$0.068	\$4,989	133	0.45	\$10.39	\$1,384	0	\$4.50	\$0	\$6,373
June	13	190	100%	81,429	401	\$0.067	\$5,421	8	0.04	\$10.39	\$80	0	\$4.50	\$0	\$5,501
2nd half yr	3607	259		497,827	129	\$0.066	\$32,760	2,144	0.55	\$10.39	\$22,286	0	\$4.50	\$0	\$55,046
TOTAL/YEAR	5349	752		984,497	161	\$0.066	\$65,170	3,180	0.52	\$10.39	\$33,049	0	\$4.50	\$0	\$98,219

Building Data:	1987	Energy Consumption to BTU Conversions			
Gross Area (ft) ²	67,194	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft) ³	537,552	Steam = M (lbs) X 1,000,000	3,179,790	Total BTU Consumption/Yr	6,539,878,536
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) ²	67,194
		Other Fuel	0	Divided by 100,000 =	0.9733 THERMS
		TOTAL BTU's x 1,000	6,539,879		

ENERGY COST / SQ. FT. / YEAR \$1.46
WATER COST TOTAL/YEAR \$2,189
WATER / SQ. FT. / YEAR \$0.03
UTILITY COST/YEAR \$100,407

BUILDING: Memorial Field House
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	104,422	558	\$0.067	\$6,952	3	0.01	\$10.39	\$29	0	\$4.50	\$0	\$6,981
August	10	170	100%	97,925	544	\$0.066	\$6,510	14	0.08	\$10.39	\$144	0	\$4.50	\$0	\$6,654
September	48	138	100%	104,838	564	\$0.068	\$7,115	66	0.36	\$10.39	\$689	0	\$4.50	\$0	\$7,803
October	347	0	100%	101,838	293	\$0.068	\$6,900	479	1.38	\$10.39	\$4,980	0	\$4.50	\$0	\$11,880
November	595	0	100%	95,636	161	\$0.069	\$6,583	822	1.38	\$10.39	\$8,539	0	\$4.50	\$0	\$15,122
December	740	0	100%	100,032	135	\$0.063	\$6,260	1,022	1.38	\$10.39	\$10,620	0	\$4.50	\$0	\$16,880
1st half yr	1742	493		604,692	271	\$0.067	\$40,320	2,405	1.08	\$10.39	\$25,000	0	\$4.50	\$0	\$65,320
January	1182	0	100%	93,929	79	\$0.063	\$5,902	1,632	1.38	\$10.39	\$16,963	0	\$4.50	\$0	\$22,865
February	966	0	100%	97,488	101	\$0.063	\$6,172	1,334	1.38	\$10.39	\$13,863	0	\$4.50	\$0	\$20,036
March	674	0	100%	118,292	176	\$0.064	\$7,590	931	1.38	\$10.39	\$9,673	0	\$4.50	\$0	\$17,263
April	548	0	100%	113,178	207	\$0.071	\$7,988	757	1.38	\$10.39	\$7,864	0	\$4.50	\$0	\$15,852
May	224	69	100%	103,367	353	\$0.068	\$6,996	309	1.06	\$10.39	\$3,215	0	\$4.50	\$0	\$10,211
June	13	190	100%	109,560	540	\$0.067	\$7,294	18	0.09	\$10.39	\$187	0	\$4.50	\$0	\$7,480
2nd half yr	3607	259		635,813	164	\$0.066	\$41,942	4,980	1.29	\$10.39	\$51,764	0	\$4.50	\$0	\$93,706
TOTAL/YEAR	5349	752		1,240,505	203	\$0.066	\$82,262	7,386	1.21	\$10.39	\$76,764	0	\$4.50	\$0	\$159,026

Building Data:	1931	Energy Consumption to BTU Conversions			
Gross Area (ft)2	156,074	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,248,592	Steam = M (lbs) X 1,000,000	7,385,817	Total BTU Consumption/Yr	11,619,660,904
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	156,074
		Other Fuel	0	Divided by 100,000 =	0.7445 THERMS
		TOTAL BTU's x 1,000	11,619,661		

ENERGY COST / SQ. FT. / YEAR \$1.02
WATER COST TOTAL/YEAR \$154,466
WATER / SQ. FT. / YEAR \$0.99
UTILITY COST/YEAR \$313,492

BUILDING: Nitschke Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	264,220	1,413	\$0.067	\$17,590	2	0.01	\$10.39	\$24	0	\$4.50	\$0	\$17,615
August	10	170	100%	220,833	1,227	\$0.066	\$14,681	12	0.06	\$10.39	\$122	0	\$4.50	\$0	\$14,802
September	48	138	100%	207,578	1,116	\$0.068	\$14,087	56	0.30	\$10.39	\$583	0	\$4.50	\$0	\$14,670
October	347	0	100%	207,578	598	\$0.068	\$14,065	406	1.17	\$10.39	\$4,217	0	\$4.50	\$0	\$18,282
November	595	0	100%	127,790	215	\$0.069	\$8,797	696	1.17	\$10.39	\$7,231	0	\$4.50	\$0	\$16,027
December	740	0	100%	127,790	173	\$0.063	\$7,997	865	1.17	\$10.39	\$8,993	0	\$4.50	\$0	\$16,990
1st half yr	1742	493		1,155,790	517	\$0.067	\$77,217	2,037	0.91	\$10.39	\$21,169	0	\$4.50	\$0	\$98,386
January	1182	0	100%	89,035	75	\$0.063	\$5,594	1,382	1.17	\$10.39	\$14,364	0	\$4.50	\$0	\$19,958
February	966	0	100%	94,905	98	\$0.063	\$6,009	1,129	1.17	\$10.39	\$11,739	0	\$4.50	\$0	\$17,748
March	674	0	100%	125,290	186	\$0.064	\$8,039	788	1.17	\$10.39	\$8,191	0	\$4.50	\$0	\$16,230
April	548	0	100%	107,440	196	\$0.071	\$7,583	641	1.17	\$10.39	\$6,659	0	\$4.50	\$0	\$14,242
May	224	69	100%	155,700	531	\$0.068	\$10,538	262	0.89	\$10.39	\$2,722	0	\$4.50	\$0	\$13,260
June	13	190	100%	202,000	995	\$0.067	\$13,448	15	0.07	\$10.39	\$158	0	\$4.50	\$0	\$13,606
2nd half yr	3607	259		774,370	200	\$0.066	\$51,211	4,217	1.09	\$10.39	\$43,833	0	\$4.50	\$0	\$95,044
TOTAL/YEAR	5349	752		1,930,160	316	\$0.067	\$128,428	6,254	1.03	\$10.39	\$65,002	0	\$4.50	\$0	\$193,430

Building Data:	1993	Energy Consumption to BTU Conversions			
Gross Area (ft)2	132,159	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,057,272	Steam = M (lbs) X 1,000,000	6,254,099	Total BTU Consumption/Yr	12,841,734,704
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	132,159
		Other Fuel	0	Divided by 100,000 =	0.9717 THERMS
		TOTAL BTU's x 1,000	12,841,735		

ENERGY COST / SQ. FT. / YEAR \$1.46
WATER COST TOTAL/YEAR \$25,290
WATER / SQ. FT. / YEAR \$0.19
UTILITY COST/YEAR \$218,719

BUILDING: Nitschke Technology Commercialization Complex
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	33,610	180	\$0.067	\$2,238	24	0.13	\$1.69	41	0	\$4.50	\$0	\$2,278
August	10	170	100%	33,740	187	\$0.066	\$2,243	1	0.01	\$29.05	32	0	\$4.50	\$0	\$2,275
September	48	138	100%	25,408	137	\$0.068	\$1,724	1	0.01	\$27.18	33	0	\$4.50	\$0	\$1,757
October	347	0	100%	25,843	74	\$0.068	\$1,738	1	0.00	\$76.62	77	0	\$4.50	\$0	\$1,814
November	585	0	100%	39,312	66	\$0.089	\$2,706	17	0.03	\$12.26	210	0	\$4.50	\$0	\$2,916
December	740	0	100%	35,118	47	\$0.063	\$2,198	57	0.08	\$9.16	524	0	\$4.50	\$0	\$2,722
1st half yr	1742	493		192,831	86	\$0.067	\$12,846	102	0.05	\$9.01	\$915	0	\$4.50	\$0	\$13,761
January	1182	0	100%	47,249	40	\$0.063	\$2,969	117	0.10	\$8.24	968	0	\$4.50	\$0	\$3,937
February	966	0	100%	68,585	71	\$0.063	\$4,342	0	0.00	\$0.00	68	0	\$4.50	\$0	\$4,410
March	674	0	100%	46,783	69	\$0.064	\$3,002	0	0.00	\$0.00	68	0	\$4.50	\$0	\$3,070
April	548	0	100%	34,168	62	\$0.071	\$2,412	0	0.00	\$0.00	69	0	\$4.50	\$0	\$2,480
May	224	69	100%	48,047	164	\$0.068	\$3,252	0	0.00	\$0.00	81	0	\$4.50	\$0	\$3,333
June	13	190	100%	44,852	221	\$0.067	\$2,986	0	0.00	\$0.00	77	0	\$4.50	\$0	\$3,062
2nd half yr	3607	259		289,684	75	\$0.065	\$18,962	118	0.03	\$11.29	\$1,330	0	\$4.50	\$0	\$20,292
TOTAL/YEAR	5349	752		482,515	79	\$0.066	\$31,808	219	0.04	\$10.23	\$2,245	0	\$4.50	\$0	\$34,054

Building Data: 2010

Energy Consumption to BTU Conversions

Gross Area (ft)2 39,961

Electricity = KWH X 3413

BTU's x 1,000

1,646,824

Energy Utilization Index =

Gross Volume (ft)3 319,688

Natural Gas = MCF X 102,500

22,489

Total BTU Consumption/Yr 1,669,312,195

Gross Area (ft) 2 39,961

General Notes:

Fuel Oil = Gallons X 138,690

0

Divided by 100,000 =

0.4177

THERMS

Other Fuel

0

TOTAL BTU's x 1,000

1,669,312

ENERGY COST / SQ. FT. / YEAR \$0.85

WATER COST TOTAL/YEAR \$6,465

WATER / SQ. FT. / YEAR \$0.16

UTILITY COST/YEAR \$40,518

BUILDING: North Engineering
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	377,821	2,020	\$0.067	\$25,153	4	0.02	\$10.39	\$47	0	\$4.50	\$0	\$25,200
August	10	170	100%	339,375	1,885	\$0.066	\$22,561	22	0.12	\$10.39	\$233	0	\$4.50	\$0	\$22,794
September	48	138	100%	331,113	1,780	\$0.068	\$22,470	107	0.58	\$10.39	\$1,116	0	\$4.50	\$0	\$23,586
October	347	0	100%	294,084	848	\$0.068	\$19,927	776	2.24	\$10.39	\$8,069	0	\$4.50	\$0	\$27,996
November	595	0	100%	241,753	406	\$0.069	\$16,641	1,331	2.24	\$10.39	\$13,836	0	\$4.50	\$0	\$30,477
December	740	0	100%	269,565	364	\$0.063	\$16,869	1,656	2.24	\$10.39	\$17,208	0	\$4.50	\$0	\$34,077
1st half yr	1742	493		1,853,711	829	\$0.067	\$123,622	3,897	1.74	\$10.39	\$40,508	0	\$4.50	\$0	\$164,130
January	1182	0	100%	234,599	198	\$0.063	\$14,740	2,645	2.24	\$10.39	\$27,486	0	\$4.50	\$0	\$42,226
February	986	0	100%	245,391	254	\$0.063	\$15,537	2,161	2.24	\$10.39	\$22,463	0	\$4.50	\$0	\$38,000
March	674	0	100%	252,338	374	\$0.064	\$16,191	1,508	2.24	\$10.39	\$15,673	0	\$4.50	\$0	\$31,864
April	548	0	100%	242,400	442	\$0.071	\$17,108	1,226	2.24	\$10.39	\$12,743	0	\$4.50	\$0	\$29,851
May	224	69	100%	303,595	1,036	\$0.068	\$20,548	501	1.71	\$10.39	\$5,209	0	\$4.50	\$0	\$25,757
June	13	190	100%	397,871	1,960	\$0.067	\$26,488	29	0.14	\$10.39	\$302	0	\$4.50	\$0	\$26,790
2nd half yr	3607	259		1,676,194	434	\$0.066	\$110,612	8,070	2.09	\$10.39	\$83,876	0	\$4.50	\$0	\$194,488
TOTAL/YEAR	5349	752		3,529,905	579	\$0.066	\$234,234	11,968	1.96	\$10.39	\$124,384	0	\$4.50	\$0	\$358,618

Building Data:	1954	Energy Consumption to BTU Conversions	
Gross Area (ft)2	252,894	Electricity = KWH X 3413	BTU's x 1,000 12,047,565
Gross Volume (ft)3	2,023,152	Steam = M (lbs) X 1,000,000	11,967,585
General Notes:		Fuel Oil = Gallons X 138,690	0
		Other Fuel	0
		TOTAL BTU's x 1,000	24,015,150
		Energy Utilization Index =	
		Total BTU Consumption/Yr	24,015,150,055
		Gross Area (ft) 2	252,894
		Divided by 100,000 =	0.9496 THERMS

ENERGY COST / SQ. FT. / YEAR \$1.42
WATER COST TOTAL/YEAR \$48,393
WATER / SQ. FT. / YEAR \$0.19
UTILITY COST/YEAR \$407,012

BUILDING: Ottawa House E&W
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	207,869	1,112	\$0.067	\$13,839	5	0.03	\$10.39	\$50	1,151	\$6.11	970	\$14,858
August	10	170	100%	196,342	1,091	\$0.066	\$13,053	24	0.13	\$10.39	\$249	133	\$6.11	1,099	\$14,402
September	48	138	100%	231,335	1,244	\$0.068	\$15,699	115	0.62	\$10.39	\$1,197	324	\$6.11	2,540	\$19,437
October	347	0	100%	271,268	782	\$0.068	\$18,381	833	2.40	\$10.39	\$8,656	356	\$6.11	2,756	\$29,792
November	595	0	100%	243,787	410	\$0.069	\$16,781	1,428	2.40	\$10.39	\$14,843	406	\$6.11	3,170	\$34,794
December	740	0	100%	254,652	344	\$0.063	\$16,936	1,776	2.40	\$10.39	\$18,460	455	\$6.11	3,490	\$37,886
1st half yr	1742	493		1,405,253	629	\$0.067	\$93,688	4,181	1.87	\$10.39	\$43,455	2,824	\$4.97	\$14,025	\$151,168
January	1182	0	100%	225,410	191	\$0.063	\$14,162	2,837	2.40	\$10.39	\$29,486	244	\$6.11	1,889	\$45,537
February	966	0	100%	254,323	263	\$0.063	\$16,102	2,319	2.40	\$10.39	\$24,097	553	\$6.11	4,132	\$44,331
March	674	0	100%	278,009	412	\$0.064	\$17,838	1,618	2.40	\$10.39	\$16,813	451	\$6.11	3,400	\$38,051
April	548	0	100%	252,498	461	\$0.071	\$17,821	1,315	2.40	\$10.39	\$13,670	481	\$6.11	3,619	\$35,110
May	224	69	100%	167,268	571	\$0.068	\$11,323	538	1.83	\$10.39	\$5,588	347	\$6.11	2,647	\$19,557
June	13	190	100%	191,353	943	\$0.067	\$12,739	31	0.15	\$10.39	\$324	106	\$6.11	855	\$13,918
2nd half yr	3607	259		1,368,881	354	\$0.066	\$89,986	8,657	2.24	\$10.39	\$89,979	2,182	\$7.58	\$16,541	\$196,505
TOTAL/YEAR	5349	752		2,774,134	455	\$0.066	\$183,674	12,838	2.10	\$10.39	\$133,434	5,006	\$6.11	\$30,565	\$347,673

Building Data:	2005	Energy Consumption to BTU Conversions			
Gross Area (ft)2	271,293	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	2,170,344	Steam = M (lbs) X 1,000,000	9,468,119	Total BTU Consumption/Yr	
General Notes:		Natural Gas = MCF X 102,500	12,838,272	22,819,464,231	
		Other Fuel	513,073	Gross Area (ft) 2	
			0	271,293	
		TOTAL BTU's x 1,000	22,819,464	Divided by 100,000 =	
				0.8411	
				THERMS	

CHILLED WATER COST/YEAR \$71,100
ENERGY COST / SQ. FT. / YEAR \$1.54
WATER COST TOTAL/YEAR \$56,073
WATER / SQ. FT. / YEAR \$0.21
UTILITY COST/YEAR \$474,847

BUILDING: Palmer Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	139,688	747	\$0.067	\$9,300	1	0.01	\$10.39	\$12	0	\$4.50	\$0	\$9,312
August	10	170	100%	114,755	638	\$0.066	\$7,629	6	0.03	\$10.39	\$62	0	\$4.50	\$0	\$7,690
September	48	138	100%	131,360	706	\$0.068	\$8,914	28	0.15	\$10.39	\$296	0	\$4.50	\$0	\$9,210
October	347	0	100%	110,458	318	\$0.068	\$7,484	206	0.59	\$10.39	\$2,139	0	\$4.50	\$0	\$9,623
November	595	0	100%	85,930	144	\$0.069	\$5,915	353	0.59	\$10.39	\$3,668	0	\$4.50	\$0	\$9,583
December	740	0	100%	84,715	114	\$0.063	\$5,301	439	0.59	\$10.39	\$4,562	0	\$4.50	\$0	\$9,863
1st half yr	1742	493		666,906	298	\$0.067	\$44,544	1,033	0.46	\$10.39	\$10,738	0	\$4.50	\$0	\$55,282
January	1182	0	100%	75,494	64	\$0.063	\$4,743	701	0.59	\$10.39	\$7,286	0	\$4.50	\$0	\$12,030
February	966	0	100%	78,063	81	\$0.063	\$4,943	573	0.59	\$10.39	\$5,955	0	\$4.50	\$0	\$10,897
March	674	0	100%	85,541	127	\$0.064	\$5,489	400	0.59	\$10.39	\$4,155	0	\$4.50	\$0	\$9,643
April	548	0	100%	86,173	157	\$0.071	\$6,082	325	0.59	\$10.39	\$3,378	0	\$4.50	\$0	\$9,460
May	224	69	100%	83,879	286	\$0.068	\$5,677	133	0.45	\$10.39	\$1,381	0	\$4.50	\$0	\$7,058
June	13	190	100%	116,107	572	\$0.067	\$7,730	8	0.04	\$10.39	\$80	0	\$4.50	\$0	\$7,810
2nd half yr	3607	259		525,257	136	\$0.066	\$34,663	2,139	0.55	\$10.39	\$22,235	0	\$4.50	\$0	\$56,898
TOTAL/YEAR	5349	752		1,192,163	195	\$0.066	\$79,207	3,173	0.52	\$10.39	\$32,973	0	\$4.50	\$14,623	\$126,803

Building Data:	1971	Energy Consumption to BTU Conversions			
Gross Area (ft)2	67,040	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	536,320	Steam = M (lbs) X 1,000,000	3,172,503	Total BTU Consumption/Yr	7,241,353,900
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	67,040
		Other Fuel	0	Divided by 100,000 =	1.0802 THERMS
		TOTAL BTU's x 1,000	7,241,354		

ENERGY COST / SQ. FT. / YEAR \$1.89
WATER COST TOTAL/YEAR \$12,829
WATER / SQ. FT. / YEAR \$0.19
UTILITY COST/YEAR \$139,632

BUILDING: Parks Tower
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	107,411	574	\$0.067	\$7,151	3	0.02	\$10.39	\$31	51	\$4.87	314	\$7,495
August	10	170	100%	182,178	1,012	\$0.066	\$12,111	15	0.08	\$10.39	\$153	51	\$4.87	506	\$12,770
September	48	138	100%	213,353	1,147	\$0.068	\$14,479	71	0.38	\$10.39	\$734	63	\$4.87	631	\$15,844
October	347	0	100%	220,749	636	\$0.068	\$14,958	510	1.47	\$10.39	\$5,303	148	\$4.87	1,271	\$21,532
November	595	0	100%	197,719	332	\$0.069	\$13,610	875	1.47	\$10.39	\$9,094	82	\$4.87	474	\$23,178
December	740	0	100%	204,132	276	\$0.063	\$12,774	1,088	1.47	\$10.39	\$11,310	71	\$4.87	445	\$24,529
1st half yr	1742	493		1,125,542	504	\$0.067	\$75,083	2,562	1.15	\$10.39	\$26,624	466	\$7.82	\$3,642	\$105,348
January	1182	0	100%	185,361	157	\$0.063	\$11,646	1,738	1.47	\$10.39	\$18,065	67	\$4.87	251	\$29,962
February	966	0	100%	201,789	209	\$0.063	\$12,776	1,420	1.47	\$10.39	\$14,764	229	\$4.87	846	\$28,386
March	674	0	100%	219,457	326	\$0.064	\$14,081	991	1.47	\$10.39	\$10,301	243	\$4.87	951	\$25,333
April	548	0	100%	202,761	370	\$0.071	\$14,311	806	1.47	\$10.39	\$8,375	331	\$4.87	1,266	\$23,952
May	224	69	100%	145,287	496	\$0.068	\$9,834	329	1.12	\$10.39	\$3,423	412	\$4.87	1,613	\$14,870
June	13	190	100%	159,273	785	\$0.067	\$10,603	19	0.09	\$10.39	\$199	50	\$4.87	190	\$10,992
2nd half yr	3607	259		1,113,929	288	\$0.066	\$73,251	5,304	1.37	\$10.39	\$55,127	1,332	\$3.84	\$5,117	\$133,495
TOTAL/YEAR	5349	752		2,239,471	367	\$0.066	\$148,334	7,866	1.29	\$10.39	\$81,751	1,798	\$4.87	\$8,759	\$238,843

Building Data:	1971	Energy Consumption to BTU Conversions			
Gross Area (ft)2	166,213	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,329,704	Steam = M (lbs) X 1,000,000	7,865,620	Total BTU Consumption/Yr 15,693,229,682	
General Notes:		Natural Gas = MCF X 102,500	184,295	Gross Area (ft) 2 166,213	
		Other Fuel	0	Divided by 100,000 = 0.9442 THERMS	
		TOTAL BTU's x 1,000	15,693,230		

CHILLED WATER COST/YEAR \$43,600
ENERGY COST / SQ. FT. / YEAR \$1.70
WATER COST TOTAL/YEAR \$87,828
WATER / SQ. FT. / YEAR \$0.53
UTILITY COST/YEAR \$370,272

BUILDING: Peterson House
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	1,500	8	\$0.067	\$100	2	0.01	\$49.23	98	0	\$4.50	\$0	\$198
August	10	170	100%	1,170	7	\$0.066	\$78	1	0.00	\$0.00	0	0	\$4.50	\$0	\$78
September	48	138	100%	1,480	8	\$0.068	\$100	1	0.00	\$41.38	21	0	\$4.50	\$0	\$121
October	347	0	100%	100	0	\$0.068	\$7	5	0.01	\$11.33	59	0	\$4.50	\$0	\$66
November	595	0	100%	2,290	4	\$0.069	\$158	12	0.02	\$8.69	102	0	\$4.50	\$0	\$259
December	740	0	100%	2,680	4	\$0.063	\$168	25	0.03	\$7.56	191	0	\$4.50	\$0	\$359
1st half yr	1742	493		9,220	4	\$0.066	\$610	45	0.02	\$10.42	471	0	\$4.50	\$0	\$1,081
January	1182	0	100%	1,080	1	\$0.063	\$68	33	0.03	\$7.18	236	0	\$4.50	\$0	\$304
February	966	0	100%	2,980	3	\$0.063	\$189	28	0.03	\$7.31	205	0	\$4.50	\$0	\$393
March	674	0	100%	2,490	4	\$0.064	\$160	38	0.06	\$7.07	271	0	\$4.50	\$0	\$431
April	548	0	100%	2,490	5	\$0.071	\$176	16	0.03	\$7.94	130	0	\$4.50	\$0	\$306
May	224	69	100%	3,560	12	\$0.068	\$241	7	0.02	\$10.29	69	0	\$4.50	\$0	\$310
June	13	190	100%	1,040	5	\$0.067	\$69	2	0.01	\$0.00	36	0	\$4.50	\$0	\$105
2nd half yr	3607	259		13,640	4	\$0.066	\$902	124	0.00	\$7.64	\$947	0	\$4.50	\$0	\$1,849
TOTAL/YEAR	5349	752		22,860	4	\$0.077	\$1,757	45	0.01	\$10.42	\$471	0	\$4.50	\$0	\$2,228

Building Data:	1936	Energy Consumption to BTU Conversions			
Gross Area (ft)2	4,316	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	34,528	Natural Gas = MCF X 102,500	4,633	Total BTU Consumption/Yr	82,654,180
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	4,316
		Other Fuel	0	Divided by 100,000 =	0.1915 THERMS
		TOTAL BTU's x 1,000	82,654		

ENERGY COST / SQ. FT. / YEAR \$0.52
WATER COST TOTAL/YEAR \$387
WATER / SQ. FT. / YEAR \$0.09
UTILITY COST/YEAR \$2,625

BUILDING: Plant Operations
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	27,572	147	\$0.067	\$1,836	13	0.07	\$22.50	285	0	\$4.50	\$0	\$2,120
August	10	170	100%	25,505	142	\$0.066	\$1,696	5	0.03	\$52.08	256	0	\$4.50	\$0	\$1,952
September	48	138	100%	25,024	135	\$0.068	\$1,698	4	0.02	\$57.98	245	0	\$4.50	\$0	\$1,943
October	347	0	100%	23,468	68	\$0.068	\$1,590	6	0.02	\$44.75	252	0	\$4.50	\$0	\$1,842
November	595	0	100%	23,086	39	\$0.069	\$1,590	32	0.05	\$11.31	366	0	\$4.50	\$0	\$1,956
December	740	0	100%	32,021	43	\$0.063	\$2,004	128	0.17	\$5.50	705	0	\$4.50	\$0	\$2,709
1st half yr	1742	493		156,688	70	\$0.066	\$10,413	188	0.08	\$11.23	2,109	0	\$4.50	\$0	\$12,522
January	1182	0	100%	28,459	24	\$0.063	\$1,788	459	0.39	\$4.15	1,904	0	\$4.50	\$0	\$3,692
February	966	0	100%	29,722	31	\$0.063	\$1,882	616	0.64	\$4.16	2,560	0	\$4.50	\$0	\$4,442
March	674	0	100%	28,385	42	\$0.064	\$1,821	690	1.02	\$4.32	2,985	0	\$4.50	\$0	\$4,806
April	548	0	100%	21,721	40	\$0.071	\$1,533	572	1.04	\$4.32	2,472	0	\$4.50	\$0	\$4,005
May	224	69	100%	18,358	63	\$0.068	\$1,243	263	0.90	\$4.97	1,308	0	\$4.50	\$0	\$2,550
June	13	190	100%	25,187	124	\$0.067	\$1,677	72	0.36	\$7.74	560	0	\$4.50	\$0	\$2,237
2nd half yr	3607	259		151,832	39	\$0.065	\$9,944	2,672	0.69	\$4.41	\$11,789	0	\$4.50	\$0	\$21,732
TOTAL/YEAR	5349	752		308,519	51	\$0.066	\$20,357	2,860	0.47	\$4.86	\$13,898	0	\$4.50	\$0	\$34,254

Building Data:	1995	Energy Consumption to BTU Conversions		
Gross Area (ft)2	30,861	Electricity = KWH X 3413	BTU's x 1,000	
Gross Volume (ft)3	246,888	Natural Gas = MCF X 102,500	293,180	
General Notes:		Fuel Oil = Gallons X 138,690	0	
		Other Fuel	0	
		TOTAL BTU's x 1,000	1,346,156	

Energy Utilization Index =

$$\frac{\text{Total BTU Consumption/Yr}}{\text{Gross Area (ft) }^2} = \frac{1,346,155,871}{30,861}$$

Divided by 100,000 = 0.4362 THERMS

ENERGY COST / SQ. FT. / YEAR \$1.11
WATER COST TOTAL/YEAR \$6,573
WATER / SQ. FT. / YEAR \$0.21
UTILITY COST/YEAR \$40,828

BUILDING: Presidents Hall (The Crossings)
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	100 cubic feet (Mcf)	Cost per Mcf	TOTAL	
July	2	185	100%	171,475	917	\$0.067	\$11,416	4	0.02	\$10.39	\$42	0	\$0.00	\$0	\$11,458
August	10	170	100%	171,885	955	\$0.066	\$11,427	20	0.11	\$10.39	\$211	0	\$0.00	\$0	\$11,637
September	48	138	100%	206,056	1,108	\$0.068	\$13,984	97	0.52	\$10.39	\$1,011	0	\$0.00	\$0	\$14,994
October	347	0	100%	206,056	594	\$0.068	\$13,962	703	2.03	\$10.39	\$7,306	12	\$8.59	\$103	\$21,371
November	595	0	100%	183,061	308	\$0.069	\$12,601	1,205	2.03	\$10.39	\$12,528	22	\$5.78	\$127	\$26,256
December	740	0	100%	183,061	247	\$0.063	\$11,456	1,499	2.03	\$10.39	\$15,581	14	\$6.26	\$88	\$27,125
1st half yr	1742	493		1,121,593	502	\$0.067	\$74,845	3,529	1.58	\$10.39	\$36,679	48	\$6.62	\$318	\$111,842
January	1182	0	100%	127,313	108	\$0.063	\$7,999	2,395	2.03	\$10.39	\$24,888	13	\$3.74	\$49	\$32,936
February	966	0	100%	170,711	177	\$0.063	\$10,809	1,957	2.03	\$10.39	\$20,340	4	\$3.69	\$15	\$31,163
March	674	0	100%	193,563	287	\$0.064	\$12,420	1,365	2.03	\$10.39	\$14,192	13	\$3.91	\$51	\$26,662
April	548	0	100%	165,135	301	\$0.071	\$11,655	1,110	2.03	\$10.39	\$11,539	13	\$3.83	\$50	\$23,243
May	224	69	100%	116,428	397	\$0.068	\$7,880	454	1.55	\$10.39	\$4,716	9	\$3.92	\$35	\$12,632
June	13	190	100%	168,247	829	\$0.067	\$11,201	26	0.13	\$10.39	\$274	11	\$3.79	\$42	\$11,516
2nd half yr	3607	259		941,397	244	\$0.066	\$61,963	7,307	1.89	\$10.39	\$75,948	63	\$3.83	\$241	\$138,153
TOTAL/YEAR	5349	752		2,062,990	338	\$0.066	\$136,809	10,836	1.78	\$10.39	\$112,627	111	\$5.03	\$559	\$249,995

Building Data:	2002	Energy Consumption to BTU Conversions			
Gross Area (ft)2	228,990	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,831,920	Steam = M (lbs) X 1,000,000	10,836,387	Total BTU Consumption/Yr	
General Notes:		Natural Gas = MCF X 102,500	11,378	Gross Area (ft) 2	
		Other Fuel	0	Divided by 100,000 =	
		TOTAL BTU's x 1,000	17,888,749	17,888,749,176	
				228,990	
				0.7812 THERMS	

CHILLED WATER COST/YEAR \$60,000
 ENERGY COST / SQ. FT. / YEAR \$1.35
 WATER COST TOTAL/YEAR \$38,949
 WATER / SQ. FT. / YEAR \$0.17
 UTILITY COST/YEAR \$348,944

BUILDING: Research and Technology 1
FY YEAR: 2016

DATE : 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	140,906	754	\$0.067	\$9,381	195	1.04	\$6.16	1,201	0	\$4.50	\$0	\$10,582
August	10	170	100%	165,346	919	\$0.066	\$10,992	175	0.97	\$9.93	1,738	0	\$4.50	\$0	\$12,730
September	48	138	100%	114,701	617	\$0.068	\$7,784	195	1.05	\$10.02	1,955	0	\$4.50	\$0	\$9,739
October	347	0	100%	111,365	321	\$0.068	\$7,546	153	0.44	\$8.59	1,314	0	\$4.50	\$0	\$8,860
November	595	0	100%	106,033	178	\$0.069	\$7,299	251	0.42	\$5.78	1,450	0	\$4.50	\$0	\$8,749
December	740	0	100%	121,609	164	\$0.063	\$7,610	247	0.33	\$6.26	1,547	0	\$4.50	\$0	\$9,157
1st half yr	1742	493		759,960	340	\$0.067	\$50,612	1,216	0.54	\$7.57	9,205	0	\$4.50	\$0	\$59,816
January	1182	0	100%	87,341	74	\$0.063	\$5,488	506	0.43	\$3.74	1,894	0	\$4.50	\$0	\$7,382
February	966	0	100%	108,320	112	\$0.063	\$6,858	658	0.68	\$3.69	2,431	0	\$4.50	\$0	\$9,289
March	674	0	100%	106,837	159	\$0.064	\$6,855	531	0.79	\$3.91	2,078	0	\$4.50	\$0	\$8,933
April	548	0	100%	110,050	201	\$0.071	\$7,767	677	1.24	\$3.83	2,590	0	\$4.50	\$0	\$10,357
May	224	69	100%	138,076	471	\$0.068	\$9,345	349	1.19	\$3.92	1,366	0	\$4.50	\$0	\$10,712
June	13	190	100%	135,641	668	\$0.067	\$9,030	257	1.27	\$3.79	975	0	\$4.50	\$0	\$10,005
2nd half yr	3607	259		686,265	178	\$0.066	\$45,344	2,978	0.00	\$3.81	\$11,334	0	\$4.50	\$0	\$56,678
TOTAL/YEAR	5349	752		1,446,225	237	\$0.066	\$95,955	1,216	0.20	\$7.57	\$9,205	0	\$4.50	\$0	\$105,160

Building Data:	1992	Energy Consumption to BTU Conversions			
Gross Area (ft)2	55,209	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	441,672	Natural Gas = MCF X 102,500	124,640	Total BTU Consumption/Yr	5,060,605,925
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	55,209
		Other Fuel	0	Divided by 100,000 =	0.9166 THERMS
		TOTAL BTU's x 1,000	5,060,606		

ENERGY COST / SQ. FT. / YEAR \$1.90
WATER COST TOTAL/YEAR \$3,715
WATER / SQ. FT. / YEAR \$0.07
UTILITY COST/YEAR \$108,876

BUILDING: Ritter
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	17,221	92	\$0.087	\$1,146	0	0.00	\$10.39	\$3	0	\$4.50	\$0	\$1,149
August	10	170	100%	14,765	82	\$0.086	\$982	1	0.01	\$10.39	\$14	0	\$4.50	\$0	\$996
September	48	138	100%	15,487	83	\$0.068	\$1,051	7	0.03	\$10.39	\$68	0	\$4.50	\$0	\$1,119
October	347	0	100%	13,106	38	\$0.068	\$888	47	0.14	\$10.39	\$489	0	\$4.50	\$0	\$1,377
November	595	0	100%	12,083	20	\$0.069	\$832	81	0.14	\$10.39	\$838	0	\$4.50	\$0	\$1,670
December	740	0	100%	14,218	19	\$0.063	\$890	100	0.14	\$10.39	\$1,042	0	\$4.50	\$0	\$1,932
1st half yr	1742	493		86,880	39	\$0.067	\$5,789	236	0.11	\$10.39	\$2,453	0	\$4.50	\$0	\$8,242
January	1182	0	100%	11,545	10	\$0.063	\$725	160	0.14	\$10.39	\$1,665	0	\$4.50	\$0	\$2,390
February	966	0	100%	12,097	13	\$0.063	\$766	131	0.14	\$10.39	\$1,361	0	\$4.50	\$0	\$2,126
March	674	0	100%	12,558	19	\$0.064	\$806	91	0.14	\$10.39	\$949	0	\$4.50	\$0	\$1,755
April	548	0	100%	11,408	21	\$0.071	\$805	74	0.14	\$10.39	\$772	0	\$4.50	\$0	\$1,577
May	224	69	100%	10,402	36	\$0.068	\$704	30	0.10	\$10.39	\$315	0	\$4.50	\$0	\$1,020
June	13	190	100%	12,304	61	\$0.067	\$819	2	0.01	\$10.39	\$18	0	\$4.50	\$0	\$837
2nd half yr	3607	259		70,314	18	\$0.066	\$4,625	489	0.13	\$10.39	\$5,080	0	\$4.50	\$0	\$9,706
TOTAL/YEAR	5349	752		157,194	26	\$0.066	\$10,414	725	0.12	\$10.39	\$7,534	0	\$4.50	\$0	\$17,948

Building Data:	1965	Energy Consumption to BTU Conversions			
Gross Area (ft)2	15,317	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	122,536	Steam = M (lbs) X 1,000,000	724,839	Total BTU Consumption/Yr	1,261,343,723
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	15,317
		Other Fuel	0	Divided by 100,000 =	0.8235 THERMS
		TOTAL BTU's x 1,000	1,261,344		

ENERGY COST / SQ. FT. / YEAR \$1.17
WATER COST TOTAL/YEAR \$499
WATER / SQ. FT. / YEAR \$0.03
UTILITY COST/YEAR \$18,446

BUILDING: Rocket Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	78,010	417	\$0.067	\$5,193	109	0.58	\$6.94	756	0	\$4.50	\$0	\$5,950
August	10	170	100%	72,600	403	\$0.066	\$4,826	112	0.62	\$8.50	952	0	\$4.50	\$0	\$5,778
September	48	138	100%	83,780	450	\$0.068	\$5,686	142	0.76	\$6.08	863	0	\$4.50	\$0	\$6,548
October	347	0	100%	83,780	241	\$0.068	\$5,677	160	0.46	\$5.86	938	0	\$4.50	\$0	\$6,615
November	595	0	100%	84,475	142	\$0.069	\$5,815	243	0.41	\$5.06	1,230	0	\$4.50	\$0	\$7,044
December	740	0	100%	84,475	114	\$0.063	\$5,286	228	0.31	\$4.84	1,103	0	\$4.50	\$0	\$6,389
1st half yr	1742	493		487,120	218	\$0.067	\$32,483	994	0.44	\$5.88	5,841	0	\$4.50	\$0	\$38,325
January	1182	0	100%	55,520	47	\$0.063	\$3,488	424	0.36	\$4.31	1,827	0	\$4.50	\$0	\$5,315
February	966	0	100%	79,800	83	\$0.063	\$5,053	491	0.51	\$4.31	2,117	0	\$4.50	\$0	\$7,169
March	674	0	100%	87,010	129	\$0.064	\$5,583	495	0.73	\$4.52	2,239	0	\$4.50	\$0	\$7,822
April	548	0	100%	72,020	131	\$0.071	\$5,083	423	0.77	\$4.54	1,919	0	\$4.50	\$0	\$7,002
May	224	69	100%	68,000	232	\$0.068	\$4,602	237	0.81	\$5.16	1,224	0	\$4.50	\$0	\$5,826
June	13	190	100%	72,000	355	\$0.067	\$4,793	0	0.00	\$0.00	540	0	\$4.50	\$0	\$5,333
2nd half yr	3607	259		434,350	112	\$0.066	\$28,603	2,070	0.54	\$4.77	\$9,866	0	\$4.50	\$0	\$38,468
TOTAL/YEAR	5349	752		921,470	151	\$0.066	\$61,086	3,064	0.50	\$5.13	\$15,707	0	\$4.50	\$0	\$76,793

Building Data:	1961	Energy Consumption to BTU Conversions			
Gross Area (ft)2	109,552	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	876,416	Natural Gas = MCF X 102,500	314,060	Total BTU Consumption/Yr 3,459,037,110	
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2 109,552	
		Other Fuel	0	Divided by 100,000 = 0.3157 THERMS	
		TOTAL BTU's x 1,000	3,459,037		

ENERGY COST / SQ. FT. / YEAR \$0.70
WATER COST TOTAL/YEAR \$16,669
WATER / SQ. FT. / YEAR \$0.15
UTILITY COST/YEAR \$93,462

BUILDING: Savage Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	255,131	1,364	\$0.067	\$16,985	4	0.02	\$10.39	\$37	0	\$4.50	\$0	\$17,022
August	10	170	100%	199,840	1,110	\$0.066	\$13,285	18	0.10	\$10.39	\$183	0	\$4.50	\$0	\$13,469
September	48	138	100%	183,560	987	\$0.068	\$12,457	85	0.46	\$10.39	\$880	0	\$4.50	\$0	\$13,337
October	347	0	100%	179,664	518	\$0.068	\$12,174	612	1.76	\$10.39	\$6,362	0	\$4.50	\$0	\$18,535
November	595	0	100%	182,159	306	\$0.069	\$12,539	1,050	1.76	\$10.39	\$10,908	0	\$4.50	\$0	\$23,447
December	740	0	100%	207,522	280	\$0.063	\$12,987	1,305	1.76	\$10.39	\$13,567	0	\$4.50	\$0	\$26,553
1st half yr	1742	493		1,207,876	540	\$0.067	\$80,427	3,073	1.37	\$10.39	\$31,936	0	\$4.50	\$0	\$112,363
January	1182	0	100%	200,635	170	\$0.083	\$12,606	2,085	1.76	\$10.39	\$21,670	0	\$4.50	\$0	\$34,275
February	966	0	100%	233,431	242	\$0.083	\$14,780	1,704	1.76	\$10.39	\$17,710	0	\$4.50	\$0	\$32,489
March	674	0	100%	220,356	327	\$0.064	\$14,139	1,189	1.76	\$10.39	\$12,357	0	\$4.50	\$0	\$26,496
April	548	0	100%	198,557	362	\$0.071	\$14,014	967	1.76	\$10.39	\$10,047	0	\$4.50	\$0	\$24,060
May	224	69	100%	168,041	574	\$0.068	\$11,374	395	1.35	\$10.39	\$4,107	0	\$4.50	\$0	\$15,480
June	13	190	100%	185,832	915	\$0.067	\$12,372	23	0.11	\$10.39	\$238	0	\$4.50	\$0	\$12,610
2nd half yr	3607	259		1,206,852	312	\$0.066	\$79,283	6,362	1.65	\$10.39	\$66,128	0	\$4.50	\$0	\$145,411
TOTAL/YEAR	5349	752		2,414,728	396	\$0.066	\$159,710	9,435	1.55	\$10.39	\$98,064	0	\$4.50	\$0	\$257,774

Building Data:	1975	Energy Consumption to BTU Conversions			
Gross Area (ft)2	199,380	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,595,040	Steam = M (lbs) X 1,000,000	9,435,167	Total BTU Consumption/Yr	17,676,633,271
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	199,380
		Other Fuel	0	Divided by 100,000 =	0.8866 THERMS
		TOTAL BTU's x 1,000	17,676,633		

ENERGY COST / SQ. FT. / YEAR \$1.29
WATER COST TOTAL/YEAR \$6,952
WATER / SQ. FT. / YEAR \$0.03
UTILITY COST/YEAR \$264,726

BUILDING: Scott Tucker Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	20,000	107	\$0.067	\$1,331	1	0.00	\$10.39	\$8	0	\$4.50	\$0	\$1,339
August	10	170	100%	20,000	111	\$0.066	\$1,330	4	0.02	\$10.39	\$39	0	\$4.50	\$0	\$1,369
September	48	138	100%	59,683	321	\$0.068	\$4,050	18	0.10	\$10.39	\$189	0	\$4.50	\$0	\$4,239
October	347	0	100%	64,495	186	\$0.068	\$4,370	131	0.38	\$10.39	\$1,363	0	\$4.50	\$0	\$5,733
November	595	0	100%	57,476	97	\$0.069	\$3,956	225	0.38	\$10.39	\$2,337	0	\$4.50	\$0	\$6,293
December	740	0	100%	20,000	27	\$0.063	\$1,252	280	0.38	\$10.39	\$2,906	0	\$4.50	\$0	\$4,158
1st half yr	1742	493		241,654	108	\$0.067	\$16,289	658	0.29	\$10.39	\$6,841	0	\$4.50	\$0	\$23,131
January	1182	0	100%	20,000	17	\$0.063	\$1,257	447	0.38	\$10.39	\$4,642	0	\$4.50	\$0	\$5,899
February	966	0	100%	55,894	58	\$0.063	\$3,539	365	0.38	\$10.39	\$3,794	0	\$4.50	\$0	\$7,333
March	674	0	100%	63,804	95	\$0.064	\$4,094	255	0.38	\$10.39	\$2,647	0	\$4.50	\$0	\$6,741
April	548	0	100%	55,685	102	\$0.071	\$3,930	207	0.38	\$10.39	\$2,152	0	\$4.50	\$0	\$6,082
May	224	69	100%	59,989	205	\$0.068	\$4,060	85	0.29	\$10.39	\$880	0	\$4.50	\$0	\$4,940
June	13	190	100%	64,677	319	\$0.067	\$4,306	5	0.02	\$10.39	\$51	0	\$4.50	\$0	\$4,357
2nd half yr	3607	259		320,049	83	\$0.066	\$21,186	1,363	0.35	\$10.39	\$14,165	0	\$4.50	\$0	\$35,351
TOTAL/YEAR	5349	752		561,703	92	\$0.067	\$37,475	2,021	0.33	\$10.39	\$21,007	0	\$4.50	\$0	\$58,482

Building Data: 1935

Energy Consumption to BTU Conversions

Gross Area (ft)² 42,710

Electricity = KWH X 3413

BTU's x 1,000

1,917,092

Energy Utilization Index =

Gross Volume (ft)³ 341,680

Steam = M (lbs) X 1,000,000

2,021,145

Total BTU Consumption/Yr 3,938,237,719

Gross Area (ft)² 42,710

General Notes:

Fuel Oil = Gallons X 138,690

0

Divided by 100,000 =

0.9221

THERMS

Other Fuel

0

TOTAL BTU's x 1,000

3,938,238

CHILLED WATER COST/YEAR \$11,200

ENERGY COST / SQ. FT. / YEAR \$1.63

WATER COST TOTAL/YEAR \$6,192

WATER / SQ. FT. / YEAR \$0.14

UTILITY COST/YEAR \$75,874

BUILDING: Sculptural Studies
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	12,400	66	\$0.067	\$826	5	0.03	\$48.30	241	0	\$4.50	\$0	\$1,067
August	10	170	100%	5,400	30	\$0.066	\$359	0	0.00	\$0.00	218	0	\$4.50	\$0	\$577
September	48	138	100%	5,700	31	\$0.068	\$387	3	0.02	\$77.68	233	0	\$4.50	\$0	\$620
October	347	0	100%	5,100	15	\$0.068	\$346	2	0.01	\$114.34	229	0	\$4.50	\$0	\$574
November	595	0	100%	7,900	13	\$0.069	\$544	36	0.06	\$10.52	379	0	\$4.50	\$0	\$923
December	740	0	100%	8,500	11	\$0.063	\$532	223	0.30	\$4.68	1,043	0	\$4.50	\$0	\$1,575
1st half yr	1742	493		45,000	20	\$0.067	\$2,993	269	0.12	\$8.71	2,344	0	\$4.50	\$0	\$5,336
January	1182	0	100%	11,800	10	\$0.063	\$741	578	0.49	\$4.05	2,338	0	\$4.50	\$0	\$3,080
February	966	0	100%	10,200	11	\$0.063	\$646	664	0.69	\$4.09	2,716	0	\$4.50	\$0	\$3,362
March	674	0	100%	7,500	11	\$0.064	\$481	648	0.96	\$4.31	2,795	0	\$4.50	\$0	\$3,276
April	548	0	100%	11,000	20	\$0.071	\$776	621	1.13	\$4.24	2,635	0	\$4.50	\$0	\$3,412
May	224	69	100%	9,800	33	\$0.068	\$663	411	1.40	\$4.53	1,860	0	\$4.50	\$0	\$2,523
June	13	190	100%	17,600	87	\$0.067	\$1,172	130	0.64	\$5.79	753	0	\$4.50	\$0	\$1,924
2nd half yr	3607	259		67,900	18	\$0.066	\$4,480	3,052	0.79	\$4.29	\$13,097	0	\$4.50	\$0	\$17,577
TOTAL/YEAR	5349	752		112,900	19	\$0.121	\$13,640	3,321	0.54	\$4.65	\$15,441	0	\$4.50	\$0	\$29,081

Building Data:	1994	Energy Consumption to BTU Conversions			
Gross Area (ft)2	7,502	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	60,016	Natural Gas = MCF X 102,500	385,328		
General Notes:		Fuel Oil = Gallons X 138,690	340,403	Total BTU Consumption/Yr 725,730,200	
		Other Fuel	0	Gross Area (ft) 2 7,502	
		TOTAL BTU's x 1,000	0	Divided by 100,000 = 0.9674 THERMS	
			725,730		

ENERGY COST / SQ. FT. / YEAR \$3.88
WATER COST TOTAL/YEAR \$9,276
WATER / SQ. FT. / YEAR \$1.24
UTILITY COST/YEAR \$38,357

BUILDING: Snyder Memorial
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	566	3	\$0.067	\$38	1	0.00	\$10.39	\$9	0	\$4.50	\$0	\$46
August	10	170	100%	37,819	210	\$0.066	\$2,514	4	0.02	\$10.39	\$44	0	\$4.50	\$0	\$2,558
September	48	138	100%	42,183	227	\$0.068	\$2,863	20	0.11	\$10.39	\$212	0	\$4.50	\$0	\$3,074
October	347	0	100%	38,438	111	\$0.068	\$2,604	147	0.42	\$10.39	\$1,530	0	\$4.50	\$0	\$4,134
November	595	0	100%	35,274	59	\$0.069	\$2,428	252	0.42	\$10.39	\$2,623	0	\$4.50	\$0	\$5,051
December	740	0	100%	38,640	52	\$0.063	\$2,418	314	0.42	\$10.39	\$3,262	0	\$4.50	\$0	\$5,681
1st half yr	1742	493		192,920	86	\$0.067	\$12,865	739	0.33	\$10.39	\$7,680	0	\$4.50	\$0	\$20,545
January	1182	0	100%	31,621	27	\$0.063	\$1,987	501	0.42	\$10.39	\$5,211	0	\$4.50	\$0	\$7,198
February	966	0	100%	34,468	36	\$0.063	\$2,182	410	0.42	\$10.39	\$4,259	0	\$4.50	\$0	\$6,441
March	674	0	100%	39,550	59	\$0.064	\$2,538	286	0.42	\$10.39	\$2,972	0	\$4.50	\$0	\$5,509
April	548	0	100%	33,641	61	\$0.071	\$2,374	232	0.42	\$10.39	\$2,416	0	\$4.50	\$0	\$4,790
May	224	69	100%	44,000	150	\$0.068	\$2,978	95	0.32	\$10.39	\$988	0	\$4.50	\$0	\$3,966
June	13	190	100%	44,000	217	\$0.067	\$2,929	6	0.03	\$10.39	\$57	0	\$4.50	\$0	\$2,987
2nd half yr	3607	259		227,280	59	\$0.066	\$14,988	1,530	0.40	\$10.39	\$15,902	0	\$4.50	\$0	\$30,891
TOTAL/YEAR	5349	752		420,200	69	\$0.066	\$27,854	2,269	0.37	\$10.39	\$23,582	0	\$4.50	\$0	\$51,436

Building Data:	1959	Energy Consumption to BTU Conversions			
Gross Area (ft)2	47,947	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	383,576	Steam = M (lbs) X 1,000,000	2,268,973	Total BTU Consumption/Yr	
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	
		Other Fuel	0	Divided by 100,000 =	
		TOTAL BTU's x 1,000	3,703,116	0.7723 THERMS	

ENERGY COST / SQ. FT. / YEAR \$1.07
WATER COST TOTAL/YEAR \$1,562
WATER / SQ. FT. / YEAR \$0.03
UTILITY COST/YEAR \$52,998

BUILDING: Stranahan Arboretum
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	257	1	\$0.067	\$17	0	0.00	\$0.00	25	0	\$4.50	\$0	\$42
August	10	170	100%	404	2	\$0.066	\$27	0	0.00	\$0.00	0	0	\$4.50	\$0	\$27
September	48	138	100%	443	2	\$0.068	\$30	0	0.00	\$0.00	25	0	\$4.50	\$0	\$55
October	347	0	100%	431	1	\$0.068	\$29	5	0.01	\$16.74	82	0	\$4.50	\$0	\$111
November	595	0	100%	317	1	\$0.069	\$22	19	0.03	\$7.91	147	0	\$4.50	\$0	\$169
December	740	0	100%	380	1	\$0.063	\$24	37	0.05	\$7.26	267	0	\$4.50	\$0	\$291
1st half yr	1742	493		2,232	1	\$0.067	\$149	60	0.03	\$9.05	546	0	\$4.50	\$0	\$695
January	1182	0	100%	815	1	\$0.063	\$51	0	0.00	\$0.00	0	0	\$4.50	\$0	\$51
February	966	0	100%	1,259	1	\$0.063	\$80	46	0.05	\$6.97	320	0	\$4.50	\$0	\$399
March	674	0	100%	1,326	2	\$0.064	\$85	44	0.07	\$6.99	307	0	\$4.50	\$0	\$392
April	548	0	100%	1,170	2	\$0.071	\$83	71	0.13	\$7.13	507	0	\$4.50	\$0	\$589
May	224	69	100%	976	3	\$0.068	\$66	17	0.06	\$8.16	137	0	\$4.50	\$0	\$203
June	13	190	100%	883	4	\$0.067	\$59	10	0.05	\$8.68	86	0	\$4.50	\$0	\$145
2nd half yr	3607	259		6,429	2	\$0.066	\$423	188	0.05	\$7.23	\$1,356	0	\$4.50	\$0	\$1,780
TOTAL/YEAR	5349	752		8,661	1	\$1.727	\$14,960	248	0.04	\$7.67	\$1,902	0	\$4.50	\$0	\$16,862

Building Data:	1932	est	Energy Consumption to BTU Conversions		
Gross Area (ft)2	7,386		Electricity = KWH X 3413	BTU's x 1,000	
Gross Volume (ft)3	59,088		Natural Gas = MCF X 102,500	25,410	
General Notes:			Fuel Oil = Gallons X 138,690	0	
			Other Fuel	0	
			TOTAL BTU's x 1,000	54,970	
					Energy Utilization Index =
					$\frac{\text{Total BTU Consumption/Yr}}{\text{Gross Area (ft) 2}}$
					$\frac{54,969,743}{7,386}$
					Divided by 100,000 =
					0.0744 THERMS

ENERGY COST / SQ. FT. / YEAR \$2.28
WATER COST TOTAL/YEAR \$469
WATER / SQ. FT. / YEAR \$0.06
UTILITY COST/YEAR \$17,331

BUILDING: Stranahan Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	118,390	633	\$0.067	\$7,882	2	0.01	\$10.39	\$22	0	\$4.50	\$0	\$7,904
August	10	170	100%	104,868	583	\$0.066	\$6,972	11	0.06	\$10.39	\$111	0	\$4.50	\$0	\$7,083
September	48	138	100%	115,740	622	\$0.068	\$7,854	51	0.28	\$10.39	\$535	0	\$4.50	\$0	\$8,389
October	347	0	100%	125,433	361	\$0.068	\$8,499	372	1.07	\$10.39	\$3,865	0	\$4.50	\$0	\$12,364
November	595	0	100%	116,631	196	\$0.069	\$8,028	638	1.07	\$10.39	\$6,627	0	\$4.50	\$0	\$14,656
December	740	0	100%	126,201	171	\$0.063	\$7,898	793	1.07	\$10.39	\$8,242	0	\$4.50	\$0	\$16,140
1st half yr	1742	493		707,263	316	\$0.067	\$47,133	1,867	0.84	\$10.39	\$19,403	0	\$4.50	\$0	\$66,536
January	1182	0	100%	106,537	90	\$0.063	\$6,694	1,267	1.07	\$10.39	\$13,166	0	\$4.50	\$0	\$19,859
February	966	0	100%	117,942	122	\$0.063	\$7,467	1,035	1.07	\$10.39	\$10,760	0	\$4.50	\$0	\$18,227
March	674	0	100%	136,103	202	\$0.064	\$8,733	722	1.07	\$10.39	\$7,507	0	\$4.50	\$0	\$16,240
April	548	0	100%	124,072	226	\$0.071	\$8,757	587	1.07	\$10.39	\$6,104	0	\$4.50	\$0	\$14,861
May	224	69	100%	108,714	371	\$0.068	\$7,358	240	0.82	\$10.39	\$2,495	0	\$4.50	\$0	\$9,853
June	13	190	100%	123,776	610	\$0.067	\$8,240	14	0.07	\$10.39	\$145	0	\$4.50	\$0	\$8,385
2nd half yr	3607	259		717,144	186	\$0.066	\$47,249	3,866	1.00	\$10.39	\$40,176	0	\$4.50	\$0	\$87,426
TOTAL/YEAR	5349	752		1,424,407	233	\$0.066	\$84,382	5,732	0.94	\$10.39	\$59,580	0	\$4.50	\$0	\$153,962

Building Data:	1984	Energy Consumption to BTU Conversions			
Gross Area (ft)2	121,135	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	969,080	Steam = M (lbs) X 1,000,000	5,732,415	Total BTU Consumption/Yr	
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	
		Other Fuel	0	Divided by 100,000 =	
		TOTAL BTU's x 1,000	10,593,916	10,593,916,112	
				121,135	
				0.8746 THERMS	

ENERGY COST / SQ. FT. / YEAR \$1.27
WATER COST TOTAL/YEAR \$3,946
WATER / SQ. FT. / YEAR \$0.03
UTILITY COST/YEAR \$157,907

BUILDING: Student Rec Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	266,527	1,425	\$0.067	\$17,744	3	0.01	\$10.39	\$29	411	\$6.16	\$2,531	\$20,304
August	10	170	100%	200,664	1,115	\$0.066	\$13,340	14	0.08	\$10.39	\$145	99	\$9.93	\$983	\$14,468
September	48	138	100%	241,151	1,297	\$0.068	\$16,365	67	0.36	\$10.39	\$695	1	\$10.03	\$10	\$17,070
October	347	0	100%	239,938	691	\$0.068	\$16,258	483	1.39	\$10.39	\$5,024	1	\$8.60	\$9	\$21,290
November	595	0	100%	209,563	352	\$0.069	\$14,425	829	1.39	\$10.39	\$8,614	3	\$5.78	\$17	\$23,057
December	740	0	100%	236,318	319	\$0.063	\$14,789	1,031	1.39	\$10.39	\$10,713	1	\$6.26	\$6	\$25,508
1st half yr	1742	493		1,394,162	624	\$0.067	\$92,921	2,426	1.09	\$10.39	\$25,219	516	\$6.89	\$3,557	\$121,697
January	1182	0	100%	208,780	177	\$0.063	\$13,117	1,646	1.39	\$10.39	\$17,112	3	\$3.74	\$11	\$30,241
February	966	0	100%	229,121	237	\$0.063	\$14,507	1,346	1.39	\$10.39	\$13,985	1	\$3.69	\$4	\$28,495
March	674	0	100%	257,364	382	\$0.064	\$16,514	939	1.39	\$10.39	\$9,758	1	\$3.92	\$4	\$26,275
April	548	0	100%	229,782	419	\$0.071	\$16,218	763	1.39	\$10.39	\$7,934	0	\$0.00	\$0	\$24,151
May	224	69	100%	233,771	798	\$0.068	\$15,822	312	1.06	\$10.39	\$3,243	3	\$3.92	\$12	\$19,077
June	13	180	100%	264,505	1,303	\$0.067	\$17,609	18	0.09	\$10.39	\$188	1	\$3.80	\$4	\$17,801
2nd half yr	3607	259		1,423,322	368	\$0.066	\$93,787	5,024	1.30	\$10.39	\$52,220	9	\$3.82	\$34	\$146,041
TOTAL/YEAR	5349	752		2,817,484	462	\$0.066	\$186,708	7,451	1.22	\$10.39	\$77,439	525	\$6.84	\$3,591	\$267,738

Building Data:	1990	Energy Consumption to BTU Conversions		BTU's x 1,000		Energy Utilization Index =	
Gross Area (ft)2	157,446	Electricity = KWH X 3413		9,616,072			
Gross Volume (ft)3	1,259,568	Natural Gas = MCF X 102,500		763,701		Total BTU Consumption/Yr	11,836,018,419
General Notes:		Fuel Oil = Gallons X 138,690		1,456,245		Gross Area (ft) 2	157,446
		Other Fuel		0		Divided by 100,000 =	0.7518 THERMS
		TOTAL BTU's x 1,000		11,836,018			

ENERGY COST / SQ. FT. / YEAR \$1.70
WATER COST TOTAL/YEAR \$56,267
WATER / SQ. FT. / YEAR \$0.36
UTILITY COST/YEAR \$324,005

BUILDING: Student Union
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	200,779	1,074	\$0.067	\$13,367	4	0.00	\$10.39	\$41	72	\$6.16	\$443	\$13,851
August	10	170	100%	206,066	1,145	\$0.066	\$13,699	20	0.11	\$10.39	\$203	52	\$9.93	\$516	\$14,419
September	48	138	100%	260,421	1,400	\$0.068	\$17,673	94	0.51	\$10.39	\$976	62	\$10.02	\$621	\$19,271
October	347	0	100%	260,421	750	\$0.068	\$17,646	679	1.96	\$10.39	\$7,059	146	\$8.59	\$1,254	\$25,959
November	595	0	100%	220,713	371	\$0.069	\$15,193	1,165	1.96	\$10.39	\$12,103	234	\$5.78	\$1,352	\$28,648
December	740	0	100%	220,713	298	\$0.063	\$13,812	1,448	1.96	\$10.39	\$15,053	182	\$6.26	\$1,140	\$30,005
1st half yr	1742	493		1,369,111	613	\$0.067	\$91,389	3,409	1.53	\$10.39	\$35,435	748	\$7.12	\$5,327	\$132,152
January	1182	0	100%	158,606	134	\$0.063	\$9,965	2,313	1.96	\$10.39	\$24,044	187	\$3.74	\$700	\$34,709
February	966	0	100%	225,746	234	\$0.063	\$14,293	1,891	1.96	\$10.39	\$19,650	109	\$3.69	\$403	\$34,346
March	674	0	100%	243,087	361	\$0.064	\$15,597	1,319	1.96	\$10.39	\$13,710	163	\$3.91	\$638	\$29,946
April	548	0	100%	215,786	394	\$0.071	\$15,230	1,073	1.96	\$10.39	\$11,147	153	\$3.83	\$585	\$26,962
May	224	69	100%	187,353	639	\$0.068	\$12,681	438	1.50	\$10.39	\$4,557	188	\$3.92	\$736	\$17,973
June	13	190	100%	202,543	998	\$0.067	\$13,484	25	0.13	\$10.39	\$264	163	\$3.79	\$618	\$14,367
2nd half yr	3607	259		1,233,121	319	\$0.066	\$81,250	7,060	1.83	\$10.39	\$73,373	963	\$3.82	\$3,680	\$158,303
TOTAL/YEAR	5349	752		2,602,232	427	\$0.066	\$172,640	10,469	1.72	\$10.39	\$108,808	1,711	\$5.26	\$9,008	\$290,455

Building Data:	1959	Energy Consumption to BTU Conversions			
Gross Area (ft)2	221,225	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,769,800	Steam = M (lbs) X 1,000,000	10,468,927	Total BTU Consumption/Yr 19,525,721,971	
General Notes:		Natural Gas = MCF X 102,500	175,378	Gross Area (ft) 2 221,225	
		Other Fuel	0	Divided by 100,000 = 0.8826 THERMS	
		TOTAL BTU's x 1,000	19,525,722		

ENERGY COST / SQ. FT. / YEAR \$1.31
WATER COST TOTAL/YEAR \$81,058
WATER / SQ. FT. / YEAR \$0.37
UTILITY COST/YEAR \$371,514

BUILDING: Sullivan Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	16,800	90	\$0.067	\$1,118	0	0.00	\$10.39	\$2	0	\$4.50	\$0	\$1,121
August	10	170	100%	17,335	96	\$0.066	\$1,152	1	0.01	\$10.39	\$12	0	\$4.50	\$0	\$1,165
September	48	138	100%	18,640	100	\$0.068	\$1,265	6	0.03	\$10.39	\$59	0	\$4.50	\$0	\$1,324
October	347	0	100%	24,710	71	\$0.068	\$1,674	41	0.12	\$10.39	\$428	0	\$4.50	\$0	\$2,102
November	595	0	100%	22,980	39	\$0.069	\$1,583	71	0.12	\$10.39	\$733	0	\$4.50	\$0	\$2,316
December	740	0	100%	26,236	35	\$0.063	\$1,642	88	0.12	\$10.39	\$912	0	\$4.50	\$0	\$2,554
1st half yr	1742	493		126,711	57	\$0.067	\$8,435	207	0.09	\$10.39	\$2,147	0	\$4.50	\$0	\$10,581
January	1182	0	100%	21,032	18	\$0.063	\$1,321	140	0.12	\$10.39	\$1,456	0	\$4.50	\$0	\$2,778
February	966	0	100%	(391,679)	(405)	\$0.063	(\$24,799)	115	0.12	\$10.39	\$1,190	0	\$4.50	\$0	(\$23,609)
March	674	0	100%	442,013	656	\$0.064	\$28,361	80	0.12	\$10.39	\$831	0	\$4.50	\$0	\$29,192
April	548	0	100%	22,633	41	\$0.071	\$1,597	65	0.12	\$10.39	\$675	0	\$4.50	\$0	\$2,273
May	224	69	100%	18,638	64	\$0.068	\$1,261	27	0.09	\$10.39	\$276	0	\$4.50	\$0	\$1,538
June	13	190	100%	18,291	90	\$0.067	\$1,218	2	0.01	\$10.39	\$16	0	\$4.50	\$0	\$1,234
2nd half yr	3607	259		130,928	34	\$0.068	\$8,960	428	0.11	\$10.39	\$4,445	0	\$4.50	\$0	\$13,405
TOTAL/YEAR	5349	752		257,639	42	\$0.068	\$17,395	634	0.10	\$10.39	\$6,591	0	\$4.50	\$0	\$23,986

Building Data:	1994	Energy Consumption to BTU Conversions			
Gross Area (ft)2	13,401	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	107,208	Steam = M (lbs) X 1,000,000	634,169	Total BTU Consumption/Yr	1,513,491,170
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	13,401
		Other Fuel	0	Divided by 100,000 =	1.1294 THERMS
		TOTAL BTU's x 1,000	1,513,491		

ENERGY COST / SQ. FT. / YEAR \$1.79
WATER COST TOTAL/YEAR \$1,229
WATER / SQ. FT. / YEAR \$0.09
UTILITY COST/YEAR \$25,215

BUILDING: Transportation Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	28,701	153	\$0.067	\$1,911	13	0.07	\$6.16	80	0	\$4.50	\$0	\$1,991
August	10	170	100%	25,311	141	\$0.066	\$1,683	4	0.02	\$9.93	40	0	\$4.50	\$0	\$1,722
September	48	138	100%	25,547	137	\$0.068	\$1,734	2	0.01	\$10.02	20	0	\$4.50	\$0	\$1,754
October	347	0	100%	21,211	61	\$0.068	\$1,437	2	0.01	\$8.59	17	0	\$4.50	\$0	\$1,454
November	595	0	100%	19,357	33	\$0.069	\$1,332	41	0.07	\$5.78	237	0	\$4.50	\$0	\$1,569
December	740	0	100%	21,147	29	\$0.063	\$1,323	94	0.13	\$6.26	589	0	\$4.50	\$0	\$1,912
1st half yr	1742	493		141,274	63	\$0.067	\$9,420	156	0.07	\$6.30	982	0	\$4.50	\$0	\$10,403
January	1182	0	100%	17,048	14	\$0.063	\$1,071	197	0.17	\$3.74	738	0	\$4.50	\$0	\$1,809
February	966	0	100%	17,762	18	\$0.063	\$1,125	241	0.25	\$3.69	890	0	\$4.50	\$0	\$2,015
March	674	0	100%	21,217	31	\$0.064	\$1,361	196	0.29	\$3.91	767	0	\$4.50	\$0	\$2,128
April	548	0	100%	19,285	35	\$0.071	\$1,361	234	0.43	\$3.83	895	0	\$4.50	\$0	\$2,256
May	224	69	100%	21,047	72	\$0.068	\$1,425	138	0.47	\$3.92	540	0	\$4.50	\$0	\$1,965
June	13	190	100%	25,865	127	\$0.067	\$1,722	86	0.42	\$3.79	326	0	\$4.50	\$0	\$2,048
2nd half yr	3607	259		122,224	32	\$0.066	\$8,065	1,092	0.28	\$3.81	\$4,157	0	\$4.50	\$0	\$12,221
TOTAL/YEAR	5349	752		263,498	43	\$0.066	\$17,485	1,248	0.20	\$4.12	\$5,139	0	\$4.50	\$0	\$22,624

Building Data: 1959

Energy Consumption to BTU Conversions

Gross Area (ft)2 19,826

Electricity = KWH X 3413

BTU's x 1,000

899,317

Energy Utilization Index =

Gross Volume (ft)3 158,608

Natural Gas = MCF X 102,500

127,920

Total BTU Consumption/Yr 1,027,237,309

Gross Area (ft) 2 19,826

General Notes:

Fuel Oil = Gallons X 138,690

0

Divided by 100,000 =

0.5181

THERMS

Other Fuel

0

TOTAL BTU's x 1,000

1,027,237

ENERGY COST / SQ. FT. / YEAR \$1.14

WATER COST TOTAL/YEAR \$2,452

WATER / SQ. FT. / YEAR \$0.12

UTILITY COST/YEAR \$25,075

BUILDING: University Computer Center
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWg	kWg per DD	Cost per kWg	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	225,005	1,203	\$0.067	\$14,980	1	0.00	\$10.39	\$6	82	\$6.16	\$505	\$15,491
August	10	170	100%	193,654	1,076	\$0.066	\$12,874	3	0.02	\$10.39	\$30	3	\$9.93	\$30	\$12,934
September	48	138	100%	209,832	1,128	\$0.068	\$14,240	14	0.08	\$10.39	\$145	0	\$0.00	\$0	\$14,385
October	347	0	100%	210,597	607	\$0.068	\$14,270	101	0.29	\$10.39	\$1,049	0	\$0.00	\$0	\$15,319
November	595	0	100%	188,050	316	\$0.069	\$12,945	173	0.29	\$10.39	\$1,798	173	\$5.78	\$1,000	\$15,743
December	740	0	100%	211,798	286	\$0.063	\$13,254	215	0.29	\$10.39	\$2,237	3	\$6.26	\$19	\$15,510
1st half yr	1742	493		1,238,936	554	\$0.067	\$82,562	507	0.23	\$10.39	\$5,265	261	\$5.95	\$1,553	\$89,380
January	1182	0	100%	171,222	145	\$0.063	\$10,758	344	0.29	\$10.39	\$3,573	641	\$3.74	\$2,400	\$16,730
February	966	0	100%	175,789	182	\$0.063	\$11,130	281	0.29	\$10.39	\$2,920	1,953	\$3.69	\$7,215	\$21,265
March	674	0	100%	192,461	286	\$0.064	\$12,349	196	0.29	\$10.39	\$2,037	1,231	\$3.91	\$4,817	\$19,203
April	548	0	100%	157,546	287	\$0.071	\$11,119	159	0.29	\$10.39	\$1,656	570	\$0.00	\$2,180	\$14,956
May	224	69	100%	147,511	503	\$0.068	\$9,984	65	0.22	\$10.39	\$677	530	\$3.92	\$2,075	\$12,736
June	13	190	100%	172,697	851	\$0.067	\$11,497	4	0.02	\$10.39	\$39	454	\$3.79	\$1,722	\$13,259
2nd half yr	3607	259		1,017,226	263	\$0.066	\$66,837	1,049	0.27	\$10.39	\$10,903	5,379	\$3.79	\$20,409	\$98,149
TOTAL/YEAR	5349	752		2,256,162	370	\$0.066	\$149,399	1,556	0.25	\$10.39	\$16,168	5,640	\$3.89	\$21,963	\$187,530

Building Data:	1966	Energy Consumption to BTU Conversions			
Gross Area (ft)2	32,872	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	262,976	Natural Gas = MCF X 102,500	159,448	Total BTU Consumption/Yr 23,503,960,502	
General Notes:		Fuel Oil = Gallons X 138,690	15,644,232	Gross Area (ft) 2 32,872	
		Other Fuel	0	Divided by 100,000 = 7.1501 THERMS	
		TOTAL BTU's x 1,000	23,503,961		

ENERGY COST / SQ. FT. / YEAR \$5.70
 WATER COST TOTAL/YEAR \$11,361
 WATER / SQ. FT. / YEAR \$0.35
 UTILITY COST/YEAR \$198,891

BUILDING: University Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	356,002	1,904	\$0.067	\$23,701	5	0.03	\$10.39	\$54	14	\$6.16	\$86	\$23,841
August	10	170	100%	321,971	1,789	\$0.066	\$21,404	26	0.14	\$10.39	\$269	5	\$9.93	\$50	\$21,723
September	48	138	100%	344,742	1,853	\$0.068	\$23,395	124	0.67	\$10.39	\$1,292	5	\$10.02	\$50	\$24,737
October	347	0	100%	370,718	1,068	\$0.068	\$25,119	898	2.59	\$10.39	\$9,337	9	\$8.59	\$77	\$34,534
November	595	0	100%	294,451	495	\$0.069	\$20,269	1,540	2.59	\$10.39	\$16,010	36	\$5.78	\$208	\$36,487
December	740	0	100%	349,734	473	\$0.063	\$21,886	1,916	2.59	\$10.39	\$19,912	38	\$6.26	\$238	\$42,036
1st half yr	1742	493		2,037,617	912	\$0.067	\$135,774	4,510	2.02	\$10.39	\$46,873	107	\$6.63	\$709	\$183,357
January	1182	0	100%	294,739	249	\$0.063	\$18,518	3,080	2.59	\$10.39	\$31,805	60	\$3.74	\$225	\$50,548
February	966	0	100%	296,888	307	\$0.063	\$18,797	2,501	2.59	\$10.39	\$25,993	65	\$3.69	\$240	\$45,030
March	674	0	100%	345,644	513	\$0.064	\$22,178	1,745	2.59	\$10.39	\$18,136	60	\$3.91	\$235	\$40,549
April	548	0	100%	309,248	564	\$0.071	\$21,826	1,419	2.59	\$10.39	\$14,745	78	\$3.83	\$298	\$36,870
May	224	69	100%	249,332	851	\$0.068	\$16,876	580	1.98	\$10.39	\$6,027	58	\$3.92	\$227	\$23,130
June	13	190	100%	326,142	1,607	\$0.067	\$21,713	34	0.17	\$10.39	\$350	35	\$3.79	\$133	\$22,195
2nd half yr	3607	259		1,821,993	471	\$0.066	\$119,908	9,338	2.42	\$10.39	\$97,056	356	\$3.81	\$1,358	\$218,322
TOTAL/YEAR	5349	752		3,859,610	633	\$0.066	\$255,682	13,848	2.27	\$10.39	\$143,930	463	\$4.46	\$2,067	\$401,679

Building Data:	1931	Energy Consumption to BTU Conversions			
Gross Area (ft)2	292,633	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	2,341,064	Steam = M (lbs) X 1,000,000	13,848,135	Total BTU Consumption/Yr	
General Notes:		Natural Gas = MCF X 102,500	47,458	Gross Area (ft) 2	
		Other Fuel	0	Divided by 100,000 =	
		TOTAL BTU's x 1,000	27,068,442	0.9250 THERMS	

ENERGY COST / SQ. FT. / YEAR \$1.37
WATER COST TOTAL/YEAR \$9,532
WATER / SQ. FT. / YEAR \$0.03
UTILITY COST/YEAR \$411,211

BUILDING: Westwood Building
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	36,620	196	\$0.089	\$3,275	109	0.58	\$10.35	\$1,128	0	\$4.50	\$0	\$4,403
August	10	170	100%	36,360	202	\$0.089	\$3,252	8	0.04	\$85.65	\$685	0	\$4.50	\$0	\$3,937
September	48	138	100%	38,320	206	\$0.089	\$3,427	14	0.08	\$49.17	\$688	0	\$4.50	\$0	\$4,116
October	347	0	100%	38,900	112	\$0.089	\$3,479	23	0.07	\$31.84	\$732	0	\$4.50	\$0	\$4,212
November	595	0	100%	35,740	60	\$0.089	\$3,197	216	0.36	\$7.10	\$1,534	0	\$4.50	\$0	\$4,730
December	740	0	100%	40,460	55	\$0.089	\$3,619	552	0.75	\$4.79	\$2,642	0	\$4.50	\$0	\$6,261
1st half yr	1742	493		226,400	101	\$0.089	\$20,250	922	0.41	\$8.04	\$7,409	0	\$4.50	\$0	\$27,659
January	1182	0	100%	41,440	35	\$0.089	\$3,707	1,264	1.07	\$4.15	\$5,247	0	\$4.50	\$0	\$8,953
February	966	0	100%	50,020	52	\$0.089	\$4,474	1,423	1.47	\$4.24	\$6,033	0	\$4.50	\$0	\$10,507
March	674	0	100%	47,180	70	\$0.089	\$4,220	1,884	2.80	\$4.32	\$8,146	0	\$4.50	\$0	\$12,366
April	548	0	100%	44,900	82	\$0.089	\$4,016	1,833	3.34	\$4.25	\$7,786	0	\$4.50	\$0	\$11,802
May	224	69	100%	2,240	8	\$0.089	\$200	1,081	3.69	\$4.61	\$4,983	0	\$4.50	\$0	\$5,183
June	13	190	100%	36,080	178	\$0.089	\$3,227	303	1.49	\$6.34	\$1,921	0	\$4.50	\$0	\$5,148
2nd half yr	3607	259		221,860	57	\$0.089	\$19,844	7,788	2.01	\$4.38	\$34,116	0	\$4.50	\$0	\$53,960
TOTAL/YEAR	5349	752		448,260	73	\$0.089	\$40,094	8,710	1.43	\$4.77	\$41,525	0	\$4.50	\$0	\$81,619

Building Data: 1946

Energy Consumption to BTU Conversions

Gross Area (ft)2 271,332

Electricity = KWH X 3413

BTU's x 1,000

1,529,911

Gross Volume (ft)3 2,170,656

Natural Gas = MCF X 102,500

892,775

Energy Utilization Index =

Total BTU Consumption/Yr 2,422,686,380

General Notes:

Fuel Oil = Gallons X 138,690

0

Gross Area (ft) 2 271,332

Other Fuel

0

Divided by 100,000 =

0.0893

THERMS

TOTAL BTU's x 1,000

2,422,686

ENERGY COST / SQ. FT. / YEAR \$0.30

WATER COST TOTAL/YEAR \$3,074

WATER / SQ. FT. / YEAR \$0.01

UTILITY COST/YEAR \$84,693

BUILDING: Wolfe Hall
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				NATURAL GAS			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	
July	2	185	100%	464,391	2,483	\$0.067	\$30,916	3	0.02	\$10.39	\$35	3	\$31.88	\$108	\$31,059
August	10	170	100%	406,053	2,256	\$0.066	\$26,994	17	0.09	\$10.39	\$173	1	\$0.00	\$0	\$27,167
September	48	138	100%	442,526	2,379	\$0.068	\$30,031	80	0.43	\$10.39	\$832	1	\$28.35	\$23	\$30,886
October	347	0	100%	447,427	1,289	\$0.068	\$30,317	579	1.67	\$10.39	\$6,014	0	\$0.00	\$0	\$36,331
November	595	0	100%	433,747	729	\$0.069	\$29,857	992	1.67	\$10.39	\$10,313	2	\$0.00	\$0	\$40,170
December	740	0	100%	522,362	706	\$0.063	\$32,689	1,234	1.67	\$10.39	\$12,826	0	\$0.00	\$0	\$45,515
1st half yr	1742	493		2,716,505	1,215	\$0.067	\$180,805	2,905	1.30	\$10.39	\$30,194	7	\$18.46	\$131	\$211,130
January	1182	0	100%	404,814	342	\$0.063	\$25,434	1,971	1.67	\$10.39	\$20,487	0	\$0.00	\$0	\$45,921
February	966	0	100%	453,054	469	\$0.063	\$28,685	1,611	1.67	\$10.39	\$16,743	0	\$53.30	\$21	\$45,450
March	674	0	100%	535,923	795	\$0.064	\$34,387	1,124	1.67	\$10.39	\$11,682	1	\$55.84	\$28	\$46,097
April	548	0	100%	470,371	858	\$0.071	\$33,198	914	1.67	\$10.39	\$9,498	1	\$47.60	\$29	\$42,725
May	224	69	100%	442,241	1,509	\$0.068	\$29,932	374	1.27	\$10.39	\$3,883	2	\$22.53	\$36	\$33,851
June	13	190	100%	500,294	2,465	\$0.067	\$33,307	22	0.11	\$10.39	\$225	1	\$57.58	\$29	\$33,561
2nd half yr	3607	259		2,805,697	726	\$0.066	\$184,943	6,015	1.56	\$10.39	\$62,519	4	\$36.57	\$143	\$247,605
TOTAL/YEAR	5349	752		5,523,202	905	\$0.066	\$365,748	8,920	1.46	\$10.39	\$92,713	11	\$24.88	\$274	\$458,735

Building Data: 1997

Energy Consumption to BTU Conversions

Gross Area (ft)2 188,501

Electricity = KWH X 3413

BTU's x 1,000

18,850,689

Energy Utilization Index =

Gross Volume (ft)3 1,508,008

Steam = M (lbs) X 1,000,000

8,920,345

Total BTU Consumption/Yr 27,772,161,721

Gross Area (ft) 2 188,501

General Notes:

Natural Gas = MCF X 102,500

1,128

Divided by 100,000 =

1.4733

THERMS

Other Fuel

0

TOTAL BTU's x 1,000

27,772,162

ENERGY COST / SQ. FT. / YEAR \$2.43

WATER COST TOTAL/YEAR \$50,770

WATER / SQ. FT. / YEAR \$0.27

UTILITY COST/YEAR \$509,505

BUILDING: Center for Creative Education
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	92,095	492	\$0.067	\$6,179	3	0.02	\$10.10	\$30	0	\$4.50	\$0	\$6,208
August	10	170	100%	87,941	489	\$0.066	\$5,794	15	0.08	\$10.10	\$148	0	\$4.50	\$0	\$5,942
September	48	138	100%	80,194	431	\$0.068	\$5,449	70	0.38	\$10.10	\$710	0	\$4.50	\$0	\$6,159
October	347	0	100%	99,850	288	\$0.067	\$6,666	509	1.47	\$10.10	\$5,135	0	\$4.50	\$0	\$11,802
November	595	0	100%	88,416	149	\$0.070	\$6,198	872	1.47	\$10.10	\$8,806	0	\$4.50	\$0	\$15,003
December	740	0	100%	86,316	117	\$0.066	\$5,665	1,085	1.47	\$10.10	\$10,951	0	\$4.50	\$0	\$16,616
1st half yr	1742	493		534,809	239	\$0.067	\$35,951	2,554	1.14	\$10.10	\$25,780	0	\$4.50	\$0	\$61,731
January	1182	0	100%	94,227	80	\$0.064	\$6,056	1,733	1.47	\$10.10	\$17,493	0	\$4.50	\$0	\$23,548
February	966	0	100%	91,590	95	\$0.069	\$6,278	1,416	1.47	\$10.10	\$14,296	0	\$4.50	\$0	\$20,575
March	674	0	100%	99,881	148	\$0.068	\$6,833	988	1.47	\$10.10	\$9,975	0	\$4.50	\$0	\$16,808
April	548	0	100%	97,841	179	\$0.069	\$6,779	803	1.47	\$10.10	\$8,110	0	\$4.50	\$0	\$14,889
May	224	69	100%	102,536	350	\$0.067	\$6,855	328	1.12	\$10.10	\$3,315	0	\$4.50	\$0	\$10,170
June	13	190	100%	90,973	448	\$0.067	\$6,103	19	0.09	\$10.10	\$192	0	\$4.50	\$0	\$6,296
2nd half yr	3607	259		577,048	149	\$0.067	\$38,904	5,287	1.37	\$10.10	\$53,381	0	\$4.50	\$0	\$92,285
TOTAL/YEAR	5349	752		1,111,857	182	\$0.067	\$74,855	7,841	1.29	\$10.10	\$79,161	0	\$4.50	\$0	\$154,016

Building Data:	2003	Energy Consumption to BTU Conversions			
Gross Area (ft)2	88,810	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	710,480	Steam = M (lbs) X 1,000,000	3,794,768		
General Notes:		Fuel Oil = Gallons X 138,690	7,840,963	Total BTU Consumption/Yr 11,635,730,652	
		Other Fuel	0	Gross Area (ft) 2 88,810	
		TOTAL BTU's x 1,000	0	Divided by 100,000 = 1.3102 THERMS	
			11,635,731		

ENERGY COST / SQ. FT. / YEAR \$1.73
 WATER COST TOTAL/YEAR \$7,563
 WATER / SQ. FT. / YEAR \$0.09
 UTILITY COST/YEAR \$161,580

BUILDING: Collier Allied Health Building
FY YEAR: 2016

DATE : 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	81,264	435	\$0.067	\$5,452	4	0.02	\$10.10	\$37	0	\$4.50	\$0	\$5,489
August	10	170	100%	88,462	491	\$0.066	\$5,828	18	0.10	\$10.10	\$186	0	\$4.50	\$0	\$6,014
September	48	138	100%	72,647	391	\$0.068	\$4,936	88	0.47	\$10.10	\$891	0	\$4.50	\$0	\$5,827
October	347	0	100%	104,757	302	\$0.067	\$6,994	638	1.84	\$10.10	\$6,439	0	\$4.50	\$0	\$13,434
November	595	0	100%	89,730	151	\$0.070	\$6,290	1,094	1.84	\$10.10	\$11,042	0	\$4.50	\$0	\$17,332
December	740	0	100%	81,737	110	\$0.066	\$5,364	1,360	1.84	\$10.10	\$13,733	0	\$4.50	\$0	\$19,097
1st half yr	1742	493		518,597	232	\$0.067	\$34,865	3,202	1.43	\$10.10	\$32,327	0	\$4.50	\$0	\$67,192
January	1182	0	100%	94,476	80	\$0.064	\$6,072	2,173	1.84	\$10.10	\$21,935	0	\$4.50	\$0	\$28,007
February	966	0	100%	87,994	91	\$0.069	\$6,032	1,776	1.84	\$10.10	\$17,927	0	\$4.50	\$0	\$23,959
March	674	0	100%	96,799	144	\$0.068	\$6,622	1,239	1.84	\$10.10	\$12,508	0	\$4.50	\$0	\$19,130
April	548	0	100%	87,597	160	\$0.069	\$6,069	1,007	1.84	\$10.10	\$10,170	0	\$4.50	\$0	\$16,239
May	224	69	100%	89,504	305	\$0.067	\$5,984	412	1.41	\$10.10	\$4,157	0	\$4.50	\$0	\$10,141
June	13	190	100%	82,241	405	\$0.067	\$5,518	24	0.12	\$10.10	\$241	0	\$4.50	\$0	\$5,759
2nd half yr	3607	259		538,611	139	\$0.067	\$36,296	6,630	1.71	\$10.10	\$66,937	0	\$4.50	\$0	\$103,233
TOTAL/YEAR	5349	752		1,057,208	173	\$0.067	\$71,161	9,832	1.61	\$10.10	\$99,264	0	\$4.50	\$0	\$170,425

Building Data:	1996	Energy Consumption to BTU Conversions			
Gross Area (ft)2	111,363	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	890,904	Steam = M (lbs) X 1,000,000	9,832,149	Total BTU Consumption/Yr 13,440,399,652	
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2 111,363	
		Other Fuel	0	Divided by 100,000 = 1.2069 THERMS	
		TOTAL BTU's x 1,000	13,440,400		

ENERGY COST / SQ. FT. / YEAR \$1.53
WATER COST TOTAL/YEAR \$8,757
WATER / SQ. FT. / YEAR \$0.08
UTILITY COST/YEAR \$179,182

BUILDING: Dana Cancer Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	109,973	588	\$0.067	\$7,378	1	0.01	\$10.10	\$15	0	\$4.50	\$0	\$7,393
August	10	170	100%	105,915	588	\$0.066	\$6,978	7	0.04	\$10.10	\$73	0	\$4.50	\$0	\$7,052
September	48	138	100%	84,344	453	\$0.088	\$5,731	35	0.19	\$10.10	\$352	0	\$4.50	\$0	\$6,083
October	347	0	100%	122,794	354	\$0.067	\$8,198	252	0.73	\$10.10	\$2,543	0	\$4.50	\$0	\$10,741
November	595	0	100%	103,689	174	\$0.070	\$7,269	432	0.73	\$10.10	\$4,360	0	\$4.50	\$0	\$11,629
December	740	0	100%	99,123	134	\$0.086	\$6,505	537	0.73	\$10.10	\$5,423	0	\$4.50	\$0	\$11,928
1st half yr	1742	493		625,838	280	\$0.067	\$42,060	1,264	0.57	\$10.10	\$12,765	0	\$4.50	\$0	\$54,825
January	1182	0	100%	120,765	102	\$0.064	\$7,761	858	0.73	\$10.10	\$8,662	0	\$4.50	\$0	\$16,423
February	986	0	100%	107,317	111	\$0.089	\$7,357	701	0.73	\$10.10	\$7,079	0	\$4.50	\$0	\$14,435
March	674	0	100%	112,018	166	\$0.068	\$7,663	489	0.73	\$10.10	\$4,939	0	\$4.50	\$0	\$12,602
April	548	0	100%	101,255	185	\$0.069	\$7,015	398	0.73	\$10.10	\$4,016	0	\$4.50	\$0	\$11,031
May	224	69	100%	106,753	364	\$0.067	\$7,137	163	0.55	\$10.10	\$1,641	0	\$4.50	\$0	\$8,778
June	13	190	100%	98,317	484	\$0.067	\$6,596	9	0.05	\$10.10	\$95	0	\$4.50	\$0	\$6,691
2nd half yr	3607	259		646,425	167	\$0.067	\$43,529	2,618	0.68	\$10.10	\$26,432	0	\$4.50	\$0	\$69,961
TOTAL/YEAR	5349	752		1,272,263	209	\$0.067	\$85,589	3,883	0.64	\$10.10	\$39,197	0	\$4.50	\$0	\$124,786

Building Data:	1981	Energy Consumption to BTU Conversions			
Gross Area (ft)2	43,975	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	351,800	Steam = M (lbs) X 1,000,000	4,342,234		
General Notes:		Fuel Oil = Gallons X 138,690	3,882,517	Total BTU Consumption/Yr 8,224,750,624	
		Other Fuel	0	Gross Area (ft) 2 43,975	
		TOTAL BTU's x 1,000	8,224,751	Divided by 100,000 = 1.8703 THERMS	

ENERGY COST / SQ. FT. / YEAR \$2.84
WATER COST TOTAL/YEAR \$6,075
WATER / SQ. FT. / YEAR \$0.14
UTILITY COST/YEAR \$130,861

BUILDING: Dowling Hall and Morse Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	638,383	3,414	\$0.067	\$42,829	8	0.04	\$10.10	\$83	0	\$4.50	\$0	\$42,912
August	10	170	100%	611,969	3,400	\$0.086	\$40,320	41	0.23	\$10.10	\$413	0	\$4.50	\$0	\$40,733
September	48	138	100%	478,645	2,573	\$0.088	\$32,522	196	1.05	\$10.10	\$1,981	0	\$4.50	\$0	\$34,503
October	347	0	100%	592,627	1,708	\$0.067	\$39,567	1,418	4.09	\$10.10	\$14,318	0	\$4.50	\$0	\$53,885
November	595	0	100%	413,912	696	\$0.070	\$29,015	2,432	4.09	\$10.10	\$24,551	0	\$4.50	\$0	\$53,566
December	740	0	100%	412,671	558	\$0.086	\$27,083	3,024	4.09	\$10.10	\$30,534	0	\$4.50	\$0	\$57,617
1st half yr	1742	493		3,148,207	1,409	\$0.087	\$211,337	7,120	3.19	\$10.10	\$71,880	0	\$4.50	\$0	\$283,216
January	1182	0	100%	462,756	392	\$0.064	\$29,740	4,831	4.09	\$10.10	\$48,773	0	\$4.50	\$0	\$78,512
February	966	0	100%	424,782	440	\$0.069	\$29,119	3,948	4.09	\$10.10	\$39,860	0	\$4.50	\$0	\$68,978
March	674	0	100%	497,458	738	\$0.068	\$34,031	2,755	4.09	\$10.10	\$27,811	0	\$4.50	\$0	\$61,842
April	548	0	100%	443,908	810	\$0.069	\$30,756	2,240	4.09	\$10.10	\$22,612	0	\$4.50	\$0	\$53,368
May	224	69	100%	532,594	1,818	\$0.067	\$35,606	916	3.12	\$10.10	\$9,243	0	\$4.50	\$0	\$44,849
June	13	190	100%	552,810	2,723	\$0.067	\$37,088	53	0.26	\$10.10	\$536	0	\$4.50	\$0	\$37,625
2nd half yr	3607	259		2,914,308	754	\$0.067	\$196,340	14,742	3.81	\$10.10	\$148,835	0	\$4.50	\$0	\$345,174
TOTAL/YEAR	5349	752		6,062,515	994	\$0.067	\$407,676	21,862	3.58	\$10.10	\$220,714	0	\$4.50	\$0	\$628,391

Building Data:	1977	Energy Consumption to BTU Conversions	
Gross Area (ft)2	247,616	Electricity = KWH X 3413	BTU's x 1,000 20,691,364
Gross Volume (ft)3	1,980,928	Steam = M (lbs) X 1,000,000	21,861,815
General Notes:		Fuel Oil = Gallons X 138,690	0
		Other Fuel	0
		TOTAL BTU's x 1,000	42,553,179
		Energy Utilization Index =	
		Total BTU Consumption/Yr	42,553,179,060
		Gross Area (ft) 2	247,616
		Divided by 100,000 =	1.7185 THERMS

ENERGY COST / SQ. FT. / YEAR \$2.54
WATER COST TOTAL/YEAR \$35,133
WATER / SQ. FT. / YEAR \$0.14
UTILITY COST/YEAR \$663,524

DATE: 11/28/16

Building Data:	1983	Energy Consumption to BTU Conversions			
Gross Area (ft) ²	26,932	Electricity = KWH X 3413	BTU's x 1,000 871,841	Energy Utilization Index =	
Gross Volume (ft) ³	215,456	Steam = M (lbs) X 1,000,000	2,377,804	Total BTU Consumption/Yr	3,249,644,999
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) ²	26,932
		Other Fuel	0	Divided by 100,000 =	1.2066
		TOTAL BTU's x 1,000	3,249,645		THERMS

ENERGY COST / SQ. FT. / YEAR	\$1.53	
WATER COST TOTAL/YEAR		\$2,924
WATER / SQ. FT. / YEAR	\$0.11	
UTILITY COST/YEAR		\$44,107

BUILDING: Glendale Medical Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	44,294	237	\$0.067	\$2,972	32	0.17	\$8.55	274	0	\$4.50	\$0	\$3,245
August	10	170	100%	47,097	262	\$0.066	\$3,103	23	0.13	\$13.91	320	0	\$4.50	\$0	\$3,423
September	48	138	100%	43,845	236	\$0.068	\$2,979	21	0.11	\$13.13	276	0	\$4.50	\$0	\$3,255
October	347	0	100%	34,832	100	\$0.067	\$2,326	16	0.05	\$15.81	253	0	\$4.50	\$0	\$2,578
November	595	0	100%	34,753	58	\$0.070	\$2,436	15	0.03	\$16.36	245	0	\$4.50	\$0	\$2,682
December	740	0	100%	30,913	42	\$0.066	\$2,029	16	0.02	\$11.68	187	0	\$4.50	\$0	\$2,216
1st half yr	1742	493		235,734	105	\$0.067	\$15,844	123	0.06	\$12.64	\$1,555	0	\$4.50	\$0	\$17,399
January	1182	0	100%	31,991	27	\$0.064	\$2,056	97	0.08	\$4.55	441	0	\$4.50	\$0	\$2,497
February	966	0	100%	31,490	33	\$0.069	\$2,159	154	0.16	\$5.22	804	0	\$4.50	\$0	\$2,963
March	674	0	100%	35,203	52	\$0.068	\$2,408	169	0.25	\$4.49	759	0	\$4.50	\$0	\$3,167
April	548	0	100%	33,514	61	\$0.069	\$2,322	182	0.33	\$4.33	788	0	\$4.50	\$0	\$3,110
May	224	69	100%	39,661	135	\$0.067	\$2,651	95	0.32	\$4.80	456	0	\$4.50	\$0	\$3,107
June	13	190	100%	44,216	218	\$0.067	\$2,966	32	0.16	\$8.30	266	0	\$4.50	\$0	\$3,232
2nd half yr	3607	259		216,075	56	\$0.067	\$14,563	729	0.19	\$4.82	\$3,513	0	\$4.50	\$0	\$18,076
TOTAL/YEAR	5349	752		451,809	74	\$0.067	\$30,407	852	0.14	\$5.95	\$5,068	0	\$4.50	\$0	\$35,475

Building Data:	1989	Energy Consumption to BTU Conversions	
Gross Area (ft)2	40,516	Electricity = KWH X 3413	BTU's x 1,000 1,542,024
Gross Volume (ft)3	324,127	Natural Gas = MCF X 102,500	87,330
General Notes:		Fuel Oil = Gallons X 138,690	0
		Other Fuel	0
		TOTAL BTU's x 1,000	1,629,354
		Energy Utilization Index =	
		Total BTU Consumption/Yr	1,629,354,117
		Gross Area (ft) 2	40,516
		Divided by 100,000 =	0.4022 THERMS

ENERGY COST / SQ. FT. / YEAR \$0.9
WATER COST TOTAL/YEAR \$8,992
WATER / SQ. FT. / YEAR \$0.22
UTILITY COST/YEAR \$44,468

BUILDING: Glendale Medical East (VA)
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	48,709	260	\$0.067	\$3,268	14	0.07	\$8.55	120	0	\$4.50	\$0	\$3,388
August	10	170	100%	50,984	283	\$0.066	\$3,359	1	0.01	\$13.91	14	0	\$4.50	\$0	\$3,373
September	48	138	100%	45,395	244	\$0.068	\$3,084	0	0.00	\$0.00	0	0	\$4.50	\$0	\$3,084
October	347	0	100%	23,574	68	\$0.067	\$1,574	0	0.00	\$0.00	0	0	\$4.50	\$0	\$1,574
November	595	0	100%	18,662	31	\$0.070	\$1,308	0	0.00	\$0.00	0	0	\$4.50	\$0	\$1,308
December	740	0	100%	18,662	25	\$0.066	\$1,225	8	0.01	\$11.68	93	0	\$4.50	\$0	\$1,318
1st half yr	1742	493		205,986	92	\$0.067	\$13,818	23	0.01	\$9.87	\$227	0	\$4.50	\$0	\$14,045
January	1182	0	100%	23,523	20	\$0.064	\$1,512	135	0.11	\$4.55	614	0	\$4.50	\$0	\$2,126
February	966	0	100%	21,740	23	\$0.069	\$1,490	217	0.22	\$3.65	793	0	\$4.50	\$0	\$2,283
March	674	0	100%	24,520	36	\$0.068	\$1,677	221	0.33	\$4.49	992	0	\$4.50	\$0	\$2,670
April	548	0	100%	23,271	42	\$0.069	\$1,612	266	0.49	\$4.33	1,151	0	\$4.50	\$0	\$2,764
May	224	69	100%	28,626	98	\$0.067	\$1,914	154	0.53	\$4.80	739	0	\$4.50	\$0	\$2,653
June	13	190	100%	29,856	147	\$0.067	\$2,003	15	0.07	\$8.30	125	0	\$4.50	\$0	\$2,128
2nd half yr	3607	259		151,536	39	\$0.067	\$10,209	1,008	0.26	\$4.38	\$4,414	0	\$4.50	\$0	\$14,623
TOTAL/YEAR	5349	752		357,522	59	\$0.067	\$24,027	1,031	0.17	\$4.50	\$4,641	0	\$4.50	\$0	\$28,668

Building Data:	1978	Energy Consumption to BTU Conversions			
Gross Area (ft)2	40,447	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	323,576	Natural Gas = MCF X 102,500	105,678	Total BTU Consumption/Yr	1,325,900,086
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	40,447
		Other Fuel	0	Divided by 100,000 =	0.3278 THERMS
		TOTAL BTU's x 1,000	1,325,900		

ENERGY COST / SQ. FT. / YEAR \$0.71
 WATER COST TOTAL/YEAR \$5,077
 WATER / SQ. FT. / YEAR \$0.13
 UTILITY COST/YEAR \$33,745

BUILDING: Health Education Building
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	2,336,400	12,494	\$0.067	\$156,750	8	0.04	\$10.10	\$85	0	\$4.50	\$0	\$156,835
August	10	170	100%	2,297,923	12,766	\$0.066	\$151,402	42	0.23	\$10.10	\$425	0	\$4.50	\$0	\$151,826
September	48	138	100%	1,806,782	9,714	\$0.068	\$122,764	202	1.09	\$10.10	\$2,039	0	\$4.50	\$0	\$124,803
October	347	0	100%	1,865,595	5,376	\$0.067	\$124,557	1,460	4.21	\$10.10	\$14,738	0	\$4.50	\$0	\$139,294
November	595	0	100%	1,267,746	2,131	\$0.070	\$88,869	2,503	4.21	\$10.10	\$25,271	0	\$4.50	\$0	\$114,140
December	740	0	100%	1,089,489	1,472	\$0.066	\$71,501	3,113	4.21	\$10.10	\$31,430	0	\$4.50	\$0	\$102,931
1st half yr	1742	493		10,663,935	4,771	\$0.067	\$715,842	7,328	3.28	\$10.10	\$73,987	0	\$4.50	\$0	\$789,829
January	1182	0	100%	1,206,314	1,021	\$0.064	\$77,526	4,973	4.21	\$10.10	\$50,202	0	\$4.50	\$0	\$127,728
February	966	0	100%	1,105,102	1,144	\$0.069	\$75,754	4,064	4.21	\$10.10	\$41,028	0	\$4.50	\$0	\$116,782
March	674	0	100%	1,283,050	1,904	\$0.068	\$87,773	2,835	4.21	\$10.10	\$28,626	0	\$4.50	\$0	\$116,399
April	548	0	100%	1,285,282	2,345	\$0.069	\$89,051	2,305	4.21	\$10.10	\$23,275	0	\$4.50	\$0	\$112,326
May	224	69	100%	1,706,788	5,825	\$0.067	\$114,108	942	3.22	\$10.10	\$9,514	0	\$4.50	\$0	\$123,620
June	13	190	100%	1,718,001	8,463	\$0.067	\$115,261	55	0.27	\$10.10	\$552	0	\$4.50	\$0	\$115,813
2nd half yr	3607	259		8,304,537	2,148	\$0.067	\$559,471	15,174	3.93	\$10.10	\$153,198	0	\$4.50	\$0	\$712,669
TOTAL/YEAR	5349	752		18,968,472	3,109	\$0.067	\$1,275,313	22,503	3.69	\$10.10	\$227,185	0	\$4.50	\$0	\$1,502,497

Building Data:	1973	Energy Consumption to BTU Conversions	
Gross Area (ft)2	254,875	Electricity = KWH X 3413	BTU's x 1,000 64,739,395
Gross Volume (ft)3	2,039,000	Steam = M (lbs) X 1,000,000	22,502,707
General Notes:		Fuel Oil = Gallons X 138,690	0
		Other Fuel	0
		TOTAL BTU's x 1,000	87,242,102

Energy Utilization Index =	
Total BTU Consumption/Yr	87,242,101,511
Gross Area (ft) 2	254,875
Divided by 100,000 =	3.4229
	THERMS

ENERGY COST / SQ. FT. / YEAR	\$5.90
WATER COST TOTAL/YEAR	\$126,790
WATER / SQ. FT. / YEAR	\$0.50
UTILITY COST/YEAR	\$1,629,288

BUILDING: Health Science Bldg. (Block)
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	357,886	1,914	\$0.067	\$24,011	6	0.03	\$10.10	\$56	0	\$4.50	\$0	\$24,067
August	10	170	100%	367,153	2,040	\$0.066	\$24,190	28	0.15	\$10.10	\$281	0	\$4.50	\$0	\$24,472
September	48	138	100%	361,042	1,941	\$0.068	\$24,531	134	0.72	\$10.10	\$1,350	0	\$4.50	\$0	\$25,881
October	347	0	100%	502,336	1,448	\$0.067	\$33,538	967	2.79	\$10.10	\$9,759	0	\$4.50	\$0	\$43,297
November	595	0	100%	441,391	742	\$0.070	\$30,941	1,657	2.79	\$10.10	\$16,733	0	\$4.50	\$0	\$47,674
December	740	0	100%	444,723	601	\$0.066	\$29,186	2,061	2.79	\$10.10	\$20,811	0	\$4.50	\$0	\$49,997
1st half yr	1742	493		2,474,531	1,107	\$0.067	\$166,399	4,852	2.17	\$10.10	\$48,990	0	\$4.50	\$0	\$215,389
January	1182	0	100%	379,904	321	\$0.064	\$24,415	3,293	2.79	\$10.10	\$33,241	0	\$4.50	\$0	\$57,656
February	966	0	100%	326,905	338	\$0.069	\$22,409	2,691	2.79	\$10.10	\$27,167	0	\$4.50	\$0	\$49,576
March	674	0	100%	429,631	637	\$0.068	\$29,391	1,877	2.79	\$10.10	\$18,955	0	\$4.50	\$0	\$48,346
April	548	0	100%	319,700	583	\$0.069	\$22,151	1,526	2.79	\$10.10	\$15,411	0	\$4.50	\$0	\$37,562
May	224	69	100%	424,655	1,449	\$0.067	\$28,390	624	2.13	\$10.10	\$6,300	0	\$4.50	\$0	\$34,689
June	13	190	100%	551,757	2,718	\$0.067	\$37,017	36	0.18	\$10.10	\$366	0	\$4.50	\$0	\$37,383
2nd half yr	3607	259		2,432,552	629	\$0.067	\$163,773	10,048	2.60	\$10.10	\$101,439	0	\$4.50	\$0	\$265,212
TOTAL/YEAR	5349	752		4,907,083	804	\$0.067	\$330,172	14,900	2.44	\$10.10	\$150,429	0	\$4.50	\$0	\$480,601

Building Data:	1970	Energy Consumption to BTU Conversions			
Gross Area (ft)2	168,764	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	1,350,112	Steam = M (lbs) X 1,000,000	14,900,036	Total BTU Consumption/Yr 31,647,910,659	
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2 168,764	
		Other Fuel	0	Divided by 100,000 = 1.8753 THERMS	
		TOTAL BTU's x 1,000	31,647,911		

ENERGY COST / SQ. FT. / YEAR \$2.85
 WATER COST TOTAL/YEAR \$126,790
 WATER / SQ. FT. / YEAR \$0.75
 UTILITY COST/YEAR \$607,391

BUILDING: Heatherdowns Educare Center
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	18,636	100	\$0.067	\$972	368	1.97	\$4.86	1,788	0	\$4.50	\$0	\$2,760
August	10	170	100%	19,416	108	\$0.066	\$1,831	477	2.65	\$6.32	3,013	0	\$4.50	\$0	\$4,845
September	48	138	100%	18,242	98	\$0.068	\$1,608	482	2.59	\$4.46	2,150	0	\$4.50	\$0	\$3,758
October	347	0	100%	12,332	36	\$0.067	\$1,892	508	1.46	\$4.46	2,266	0	\$4.50	\$0	\$4,158
November	595	0	100%	13,660	23	\$0.070	\$1,140	227	0.38	\$4.96	1,127	0	\$4.50	\$0	\$2,267
December	740	0	100%	13,451	18	\$0.066	\$1,148	180	0.24	\$4.96	894	0	\$4.50	\$0	\$2,041
1st half yr	1742	493		95,737	43	\$0.067	\$8,591	2,242	1.00	\$5.01	\$11,238	0	\$4.50	\$0	\$19,829
January	1182	0	100%	14,607	12	\$0.064	\$1,214	325	0.27	\$4.40	1,430	0	\$4.50	\$0	\$2,644
February	966	0	100%	13,880	14	\$0.069	\$1,220	364	0.38	\$4.38	1,596	0	\$4.50	\$0	\$2,816
March	674	0	100%	14,974	22	\$0.068	\$1,421	436	0.65	\$4.49	1,957	0	\$4.50	\$0	\$3,378
April	548	0	100%	13,277	24	\$0.069	\$1,216	483	0.88	\$4.34	2,099	0	\$4.50	\$0	\$3,315
May	224	69	100%	16,390	56	\$0.067	\$2,834	304	1.04	\$4.72	1,434	0	\$4.50	\$0	\$4,269
June	13	190	100%	17,543	86	\$0.067	\$2,008	234	1.15	\$4.84	1,132	0	\$4.50	\$0	\$3,140
2nd half yr	3607	259		90,671	23	\$0.067	\$9,913	2,146	0.56	\$4.50	\$9,648	0	\$4.50	\$0	\$19,561
TOTAL/YEAR	5349	752		186,408	31	\$0.067	\$23,465	4,388	0.72	\$4.76	\$20,886	0	\$4.50	\$0	\$44,351

Building Data:	1965	Energy Consumption to BTU Conversions			
Gross Area (ft)2	36,400	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	291,200	Natural Gas = MCF X 102,500	449,770	Total BTU Consumption/Yr	1,085,980,504
General Notes:		Fuel Oil = Gallons X 138,700	0	Gross Area (ft) 2	36,400
		Other Fuel	0	Divided by 100,000 =	0.2983 THERMS
		TOTAL BTU's x 1,000	1,085,981		

ENERGY COST / SQ. FT. / YEAR \$1.22
 WATER COST TOTAL/YEAR \$4,843
 WATER / SQ. FT. / YEAR \$0.13
 UTILITY COST/YEAR \$49,194

DATE: 11/28/16

Building Data:	1982	Energy Consumption to BTU Conversions			
Gross Area (ft) ²	41,140	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
			390,799		
Gross Volume (ft) ³	329,120	Steam = M (lbs) X 1,000,000	3,632,217		
General Notes:		Fuel Oil = Gallons X 138,690	0	Total BTU Consumption/Yr	4,023,015,898
		Other Fuel	0	Gross Area (ft) ²	41,140
				Divided by 100,000 =	0.9779
		TOTAL BTU's x 1,000	4,023,016		THERMS

ENERGY COST / SQ. FT. / YEAR	\$1.08	
WATER COST TOTAL/YEAR		\$7,021
WATER / SQ. FT. / YEAR	\$0.17	
UTILITY COST/YEAR		\$51,393

BUILDING: Lab Incubator
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	2,835	15	\$0.067	\$190	15	0.08	\$5.87	88	0	\$4.50	\$0	\$278
August	10	170	100%	2,860	16	\$0.066	\$188	15	0.08	\$7.91	119	0	\$4.50	\$0	\$307
September	48	138	100%	2,431	13	\$0.068	\$165	17	0.09	\$5.87	100	0	\$4.50	\$0	\$265
October	347	0	100%	2,077	6	\$0.067	\$139	16	0.05	\$5.87	94	0	\$4.50	\$0	\$233
November	595	0	100%	2,540	4	\$0.070	\$178	15	0.03	\$5.82	87	0	\$4.50	\$0	\$265
December	740	0	100%	2,040	3	\$0.066	\$134	16	0.02	\$5.03	80	0	\$4.50	\$0	\$214
1st half yr	1742	493		14,783	7	\$0.067	\$994	94	0.04	\$6.04	\$568	0	\$4.50	\$0	\$1,562
January	1182	0	100%	3,006	3	\$0.064	\$193	21	0.02	\$4.23	89	0	\$4.50	\$0	\$282
February	966	0	100%	2,429	3	\$0.069	\$167	9	0.01	\$8.00	72	0	\$4.50	\$0	\$239
March	674	0	100%	2,618	4	\$0.068	\$179	0	0.00	\$0.00	0	0	\$4.50	\$0	\$179
April	548	0	100%	2,652	5	\$0.069	\$184	0	0.00	\$0.00	0	0	\$4.50	\$0	\$184
May	224	69	100%	2,079	7	\$0.067	\$139	0	0.00	\$0.00	0	0	\$4.50	\$0	\$139
June	13	180	100%	2,079	10	\$0.067	\$139	0	0.00	\$0.00	0	0	\$4.50	\$0	\$139
2nd half yr	3607	259		14,863	4	\$0.067	\$1,001	30	0.01	\$5.36	\$161	0	\$4.50	\$0	\$1,162
TOTAL/YEAR	5349	752		29,646	5	\$0.067	\$1,995	124	0.02	\$5.88	\$729	0	\$4.50	\$0	\$2,724

Building Data:	1955	Energy Consumption to BTU Conversions			
Gross Area (ft)2	20,533	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	164,264	Natural Gas = MCF X 102,500	12,710	Total BTU Consumption/Yr	113,891,798
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	20,533
		Other Fuel	0	Divided by 100,000 =	0.0555 THERMS
		TOTAL BTU's x 1,000	113,892		

ENERGY COST / SQ. FT. / YEAR \$0.13
WATER COST TOTAL/YEAR \$1,243
WATER / SQ. FT. / YEAR \$0.06
UTILITY COST/YEAR \$3,968

BUILDING: Mulford Library
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	150,199	803	\$0.067	\$10,077	5	0.02	\$10.10	\$46	0	\$4.50	\$0	\$10,123
August	10	170	100%	153,849	855	\$0.066	\$10,137	23	0.13	\$10.10	\$230	0	\$4.50	\$0	\$10,366
September	48	138	100%	125,411	674	\$0.068	\$8,521	109	0.59	\$10.10	\$1,103	0	\$4.50	\$0	\$9,624
October	347	0	100%	179,099	516	\$0.067	\$11,958	790	2.28	\$10.10	\$7,976	0	\$4.50	\$0	\$19,933
November	595	0	100%	142,067	239	\$0.070	\$9,959	1,355	2.28	\$10.10	\$13,676	0	\$4.50	\$0	\$23,635
December	740	0	100%	132,182	179	\$0.066	\$8,675	1,685	2.28	\$10.10	\$17,009	0	\$4.50	\$0	\$25,684
1st half yr	1742	493		882,807	395	\$0.067	\$59,326	3,966	1.77	\$10.10	\$40,039	0	\$4.50	\$0	\$99,365
January	1182	0	100%	132,300	112	\$0.064	\$8,503	2,691	2.28	\$10.10	\$27,168	0	\$4.50	\$0	\$35,670
February	966	0	100%	130,641	135	\$0.069	\$8,955	2,199	2.28	\$10.10	\$22,203	0	\$4.50	\$0	\$31,159
March	674	0	100%	140,334	208	\$0.068	\$9,600	1,534	2.28	\$10.10	\$15,492	0	\$4.50	\$0	\$25,092
April	548	0	100%	128,628	235	\$0.069	\$8,912	1,248	2.28	\$10.10	\$12,596	0	\$4.50	\$0	\$21,508
May	224	69	100%	132,320	452	\$0.067	\$8,846	510	1.74	\$10.10	\$5,149	0	\$4.50	\$0	\$13,995
June	13	190	100%	124,580	614	\$0.067	\$8,358	30	0.15	\$10.10	\$299	0	\$4.50	\$0	\$8,657
2nd half yr	3607	259		788,803	204	\$0.067	\$53,174	8,212	2.12	\$10.10	\$82,906	0	\$4.50	\$0	\$136,080
TOTAL/YEAR	5349	752		1,671,610	274	\$0.067	\$112,500	12,178	2.00	\$10.10	\$122,945	0	\$4.50	\$0	\$235,445

Building Data:	1973	Energy Consumption to BTU Conversions			
Gross Area (ft) ²	137,930	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft) ³	1,103,440	Steam = M (lbs) X 1,000,000	12,177,728	Total BTU Consumption/Yr 17,882,932,513	
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) ² 137,930	
		Other Fuel	0	Divided by 100,000 = 1.2965 THERMS	
		TOTAL BTU's x 1,000	17,882,933		

ENERGY COST / SQ. FT. / YEAR \$1.71
WATER COST TOTAL/YEAR \$2,124
WATER / SQ. FT. / YEAR \$0.02
UTILITY COST/YEAR \$237,569

BUILDING: Northwest Ohio Medical Technology Center
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	111,831	599	\$0.067	\$7,509	159	0.85	\$5.87	934	0	\$4.50	\$0	\$8,443
August	10	170	100%	121,374	674	\$0.066	\$7,997	132	0.73	\$7.91	1,044	0	\$4.50	\$0	\$9,040
September	48	138	100%	109,271	587	\$0.068	\$7,425	144	0.77	\$5.87	846	0	\$4.50	\$0	\$8,270
October	347	0	100%	82,886	239	\$0.067	\$5,534	148	0.43	\$5.87	868	0	\$4.50	\$0	\$6,402
November	595	0	100%	74,643	125	\$0.070	\$5,232	141	0.24	\$5.82	820	0	\$4.50	\$0	\$6,053
December	740	0	100%	59,273	80	\$0.066	\$3,890	170	0.23	\$5.03	855	0	\$4.50	\$0	\$4,745
1st half yr	1742	493		559,378	250	\$0.067	\$37,587	894	0.40	\$6.00	\$5,366	0	\$4.50	\$0	\$42,953
January	1182	0	100%	66,036	56	\$0.064	\$4,244	307	0.26	\$4.23	1,297	0	\$4.50	\$0	\$5,541
February	966	0	100%	60,913	63	\$0.069	\$4,176	353	0.37	\$8.00	2,824	0	\$4.50	\$0	\$7,000
March	674	0	100%	63,659	94	\$0.088	\$4,355	352	0.52	\$4.49	1,581	0	\$4.50	\$0	\$5,936
April	548	0	100%	63,156	115	\$0.069	\$4,376	423	0.77	\$4.33	1,830	0	\$4.50	\$0	\$6,206
May	224	69	100%	87,342	298	\$0.067	\$5,839	282	0.96	\$4.67	1,318	0	\$4.50	\$0	\$7,157
June	13	190	100%	112,614	555	\$0.067	\$7,555	51	0.25	\$5.35	273	0	\$4.50	\$0	\$7,828
2nd half yr	3607	259		453,720	117	\$0.067	\$30,545	1,768	0.46	\$5.16	\$9,124	0	\$4.50	\$0	\$39,669
TOTAL/YEAR	5349	752		1,013,098	166	\$0.067	\$68,132	2,662	0.44	\$5.44	\$14,490	0	\$4.50	\$0	\$82,622

Building Data:	1998	Energy Consumption to BTU Conversions			
Gross Area (ft) ²	38,614	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft) ³	308,912	Natural Gas = MCF X 102,500	272,855	<div> <div>Total BTU Consumption/Yr</div> <div>Gross Area (ft)²</div> </div>	
General Notes:		Fuel Oil = Gallons X 138,690	0	<div> <div>Divided by 100,000 =</div> <div>0.9661</div> </div>	
		Other Fuel	0	THERMS	
		TOTAL BTU's x 1,000	3,730,558		

ENERGY COST / SQ. FT. / YEAR \$2.14
 WATER COST TOTAL/YEAR \$7,184
 WATER / SQ. FT. / YEAR \$0.19
 UTILITY COST/YEAR \$89,806

BUILDING: Records Retention
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	24,742	132	\$0.067	\$1,660	7	0.04	\$5.87	41	0	\$4.50	\$0	\$1,701
August	10	170	100%	26,760	149	\$0.066	\$1,763	0	0.00	#DIV/0!	0	0	\$4.50	\$0	\$1,763
September	48	138	100%	23,197	125	\$0.068	\$1,576	0	0.00	#DIV/0!	0	0	\$4.50	\$0	\$1,576
October	347	0	100%	17,487	50	\$0.067	\$1,168	0	0.00	#DIV/0!	0	0	\$4.50	\$0	\$1,168
November	595	0	100%	19,028	32	\$0.070	\$1,334	0	0.00	#DIV/0!	0	0	\$4.50	\$0	\$1,334
December	740	0	100%	16,497	22	\$0.066	\$1,083	19	0.03	\$5.03	96	0	\$4.50	\$0	\$1,178
1st half yr	1742	493		127,711	57	\$0.067	\$8,583	26	0.01	\$5.26	\$137	0	\$4.50	\$0	\$8,720
January	1182	0	100%	19,340	16	\$0.064	\$1,243	165	0.14	\$4.23	697	0	\$4.50	\$0	\$1,940
February	966	0	100%	19,197	20	\$0.069	\$1,316	212	0.22	\$8.00	1,696	0	\$4.50	\$0	\$3,012
March	674	0	100%	18,860	28	\$0.068	\$1,290	243	0.36	\$4.49	1,091	0	\$4.50	\$0	\$2,382
April	548	0	100%	17,525	32	\$0.069	\$1,214	247	0.45	\$4.33	1,069	0	\$4.50	\$0	\$2,283
May	224	69	100%	19,334	66	\$0.067	\$1,293	148	0.51	\$4.67	692	0	\$4.50	\$0	\$1,984
June	13	190	100%	21,982	108	\$0.067	\$1,475	161	0.79	\$5.35	862	0	\$4.50	\$0	\$2,337
2nd half yr	3607	259		116,238	30	\$0.067	\$7,831	1,176	0.30	\$5.19	\$6,107	0	\$4.50	\$0	\$13,938
TOTAL/YEAR	5349	752		243,949	40	\$0.067	\$16,414	1,202	0.20	\$5.19	\$6,244	0	\$4.50	\$0	\$22,658

Building Data:	1956	Energy Consumption to BTU Conversions			
Gross Area (ft)2	32,086	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	256,688	Natural Gas = MCF X 102,500	832,598		
General Notes:		Fuel Oil = Gallons X 138,690	123,205		
		Other Fuel	0		
		TOTAL BTU's x 1,000	955,803		
				Total BTU Consumption/Yr 955,802,937	
				Gross Area (ft) 2 32,086	
				Divided by 100,000 = 0.2979 THERMS	

ENERGY COST / SQ. FT. / YEAR \$0.71
WATER COST TOTAL/YEAR \$1,630
WATER / SQ. FT. / YEAR \$0.05
UTILITY COST/YEAR \$24,288

BUILDING: Ruppert Health Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	158,295	846	\$0.067	\$10,620	4	0.02	\$10.10	\$38	0	\$4.50	\$0	\$10,658
August	10	170	100%	156,400	869	\$0.066	\$10,305	19	0.10	\$10.10	\$190	0	\$4.50	\$0	\$10,495
September	48	138	100%	124,916	672	\$0.068	\$8,488	90	0.49	\$10.10	\$913	0	\$4.50	\$0	\$9,400
October	347	0	100%	182,905	527	\$0.067	\$12,212	654	1.88	\$10.10	\$6,599	0	\$4.50	\$0	\$18,811
November	595	0	100%	147,915	249	\$0.070	\$10,369	1,121	1.88	\$10.10	\$11,316	0	\$4.50	\$0	\$21,684
December	740	0	100%	146,043	197	\$0.066	\$9,585	1,394	1.88	\$10.10	\$14,073	0	\$4.50	\$0	\$23,658
1st half yr	1742	493		916,474	410	\$0.067	\$61,577	3,281	1.47	\$10.10	\$33,129	0	\$4.50	\$0	\$94,707
January	1182	0	100%	157,039	133	\$0.064	\$10,092	2,227	1.88	\$10.10	\$22,479	0	\$4.50	\$0	\$32,572
February	966	0	100%	139,240	144	\$0.069	\$9,545	1,820	1.88	\$10.10	\$18,371	0	\$4.50	\$0	\$27,916
March	674	0	100%	159,119	236	\$0.068	\$10,885	1,270	1.88	\$10.10	\$12,818	0	\$4.50	\$0	\$23,703
April	548	0	100%	142,375	260	\$0.069	\$9,864	1,032	1.88	\$10.10	\$10,422	0	\$4.50	\$0	\$20,286
May	224	69	100%	148,523	507	\$0.067	\$9,929	422	1.44	\$10.10	\$4,260	0	\$4.50	\$0	\$14,189
June	13	190	100%	134,028	660	\$0.067	\$8,992	24	0.12	\$10.10	\$247	0	\$4.50	\$0	\$9,239
2nd half yr	3607	259		880,324	228	\$0.067	\$59,308	6,795	1.76	\$10.10	\$68,598	0	\$4.50	\$0	\$127,906
TOTAL/YEAR	5349	752		1,796,798	295	\$0.067	\$120,886	10,076	1.65	\$10.10	\$101,727	0	\$4.50	\$0	\$222,613

Building Data:	1985	Energy Consumption to BTU Conversions	
Gross Area (ft)2	114,126	Electricity = KWH X 3413	BTU's x 1,000 6,132,472
Gross Volume (ft)3	913,008	Steam = M (lbs) X 1,000,000	10,076,092
General Notes:		Fuel Oil = Gallons X 138,690	0
		Other Fuel	0
		TOTAL BTU's x 1,000	16,208,563
		Energy Utilization Index =	
		Total BTU Consumption/Yr	16,208,563,347
		Gross Area (ft) 2	114,126
		Divided by 100,000 =	1.4202 THERMS

ENERGY COST / SQ. FT. / YEAR \$1.95
WATER COST TOTAL/YEAR \$19,494
WATER / SQ. FT. / YEAR \$0.17
UTILITY COST/YEAR \$242,106

BUILDING: University Medical Ctr (Hospital)
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					PURCHASED STEAM				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	1,390,463	7,436	\$0.067	\$93,286	12	0.07	\$10.10	\$126	0	\$4.50	\$0	\$93,412
August	10	170	100%	1,367,350	7,596	\$0.066	\$90,090	62	0.35	\$10.10	\$630	0	\$4.50	\$0	\$90,720
September	48	138	100%	1,117,585	6,009	\$0.068	\$75,936	300	1.61	\$10.10	\$3,025	0	\$4.50	\$0	\$78,960
October	347	0	100%	1,414,143	4,075	\$0.067	\$94,415	2,166	6.24	\$10.10	\$21,865	0	\$4.50	\$0	\$116,280
November	595	0	100%	1,030,530	1,732	\$0.070	\$72,240	3,714	6.24	\$10.10	\$37,491	0	\$4.50	\$0	\$109,731
December	740	0	100%	993,129	1,342	\$0.066	\$65,177	4,618	6.24	\$10.10	\$46,628	0	\$4.50	\$0	\$111,805
1st half yr	1742	493		7,313,200	3,272	\$0.067	\$491,144	10,872	4.86	\$10.10	\$109,764	0	\$4.50	\$0	\$600,909
January	1182	0	100%	1,054,436	892	\$0.064	\$67,765	7,377	6.24	\$10.10	\$74,478	0	\$4.50	\$0	\$142,244
February	966	0	100%	942,012	975	\$0.069	\$64,574	6,029	6.24	\$10.10	\$60,868	0	\$4.50	\$0	\$125,442
March	674	0	100%	648,694	962	\$0.068	\$44,377	4,207	6.24	\$10.10	\$42,469	0	\$4.50	\$0	\$86,846
April	548	0	100%	1,521,710	2,777	\$0.069	\$105,432	3,420	6.24	\$10.10	\$34,530	0	\$4.50	\$0	\$139,962
May	224	69	100%	1,263,133	4,311	\$0.067	\$84,446	1,398	4.77	\$10.10	\$14,114	0	\$4.50	\$0	\$98,560
June	13	190	100%	1,253,173	6,173	\$0.067	\$84,076	81	0.40	\$10.10	\$819	0	\$4.50	\$0	\$84,895
2nd half yr	3607	259		6,683,158	1,729	\$0.067	\$450,670	22,512	5.82	\$10.10	\$227,279	0	\$4.50	\$0	\$677,948
TOTAL/YEAR	5349	752		13,996,358	2,294	\$0.067	\$941,814	33,384	5.47	\$10.10	\$337,043	0	\$4.50	\$0	\$1,278,857

Building Data:	1976	Energy Consumption to BTU Conversions			
Gross Area (ft)2	378,123	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	3,024,984	Steam = M (lbs) X 1,000,000	33,384,172	Total BTU Consumption/Yr 81,153,742,166	
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2 378,123	
		Other Fuel	0	Divided by 100,000 = 2.1462 THERMS	
		TOTAL BTU's x 1,000	81,153,742		

ENERGY COST / SQ. FT. / YEAR \$3.38
 WATER COST TOTAL/YEAR \$369,545
 WATER / SQ. FT. / YEAR \$0.98
 UTILITY COST/YEAR \$1,648,402

BUILDING: Basic Science Lab-Classroom Ctr-Allied Health
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)			ELECTRICITY			NATURAL GAS			FUEL OIL			TOTAL ENERGY COST		
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours		Cost per Gal	@20 Gal/Hr TOTAL
July	2	185	100%	53,940	288	\$0.141	\$7,627	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,627
August	10	170	100%	59,780	332	\$0.136	\$8,146	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$8,146
September	48	138	100%	84,625	455	\$0.130	\$10,994	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,994
October	347	0	100%	84,625	244	\$0.116	\$9,817	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$9,817
November	595	0	100%	63,730	107	\$0.115	\$7,358	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,358
December	740	0	100%	63,730	86	\$0.099	\$6,313	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$6,313
1st half yr	1742	493		410,430	184	\$0.123	\$50,254	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$50,254
January	1182	0	100%	211,720	179	\$0.101	\$21,386	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$21,386
February	966	0	100%	124,620	129	\$0.109	\$13,552	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$13,552
March	674	0	100%	116,660	173	\$0.120	\$13,985	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$13,985
April	548	0	100%	88,550	162	\$0.127	\$11,266	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$11,266
May	224	69	100%	85,250	291	\$0.135	\$11,497	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$11,497
June	13	190	100%	76,250	376	\$0.143	\$10,912	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,912
2nd half yr	3607	259		703,050	182	\$0.122	\$82,597	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$82,597
TOTAL/YEAR	5349	752		1,113,480	183	\$0.123	\$132,851	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$132,851

Building Data:	1969	Energy Consumption to BTU Conversions	BTU's x 1,000
Gross Area (ft)2	77,096	Electricity = KWH X 3413	3,800,307
Gross Volume (ft)3	616,768	Natural Gas = MCF X 102,500	0
General Notes:		Fuel Oil = Gallons X 138,690	0
		Other Fuel	0
		TOTAL BTU's x 1,000	3,800,307
		Energy Utilization Index =	
		Total BTU Consumption/Yr	3,800,307,240
		Gross Area (ft) 2	77,096
		Divided by 100,000 =	0.4929
		THERMS	

ENERGY COST / SQ. FT. / YEAR \$1.72
WATER COST TOTAL/YEAR \$9,449
WATER / SQ. FT. / YEAR \$0.12
UTILITY COST/YEAR \$142,301

BUILDING: Findlay Athletic Complex
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	9,068	48	\$0.141	\$1,282	0	0.00	\$0.00	0	0	\$4.50	\$0	\$1,282
August	10	170	100%	3,959	22	\$0.136	\$540	45	0.25	\$2.33	105	0	\$4.50	\$0	\$644
September	48	138	100%	9,746	52	\$0.130	\$1,266	208	1.11	\$1.15	237	0	\$4.50	\$0	\$1,503
October	347	0	100%	8,331	24	\$0.116	\$966	25	0.07	\$10.91	275	0	\$4.50	\$0	\$1,241
November	595	0	100%	6,521	11	\$0.115	\$753	65	0.11	\$9.00	582	0	\$4.50	\$0	\$1,335
December	740	0	100%	6,614	9	\$0.099	\$655	148	0.20	\$8.20	1,211	0	\$4.50	\$0	\$1,866
1st half yr	1742	493		44,239	20	\$0.123	\$5,462	489	0.22	\$4.93	\$2,411	0	\$4.50	\$0	\$7,873
January	1182	0	100%	6,706	6	\$0.101	\$677	243	0.21	\$7.74	1,882	0	\$4.50	\$0	\$2,559
February	966	0	100%	7,617	8	\$0.109	\$828	225	0.23	\$7.78	1,749	0	\$4.50	\$0	\$2,578
March	674	0	100%	7,617	11	\$0.120	\$913	263	0.39	\$7.70	2,026	0	\$4.50	\$0	\$2,939
April	548	0	100%	8,034	15	\$0.127	\$1,022	155	0.28	\$8.02	1,241	0	\$4.50	\$0	\$2,263
May	224	69	100%	7,866	27	\$0.135	\$1,061	50	0.17	\$9.39	469	0	\$4.50	\$0	\$1,529
June	13	190	100%	9,520	47	\$0.143	\$1,362	21	0.10	\$11.29	241	0	\$4.50	\$0	\$1,603
2nd half yr	3607	259		47,360	12	\$0.122	\$5,864	957	0.25	\$7.95	\$7,607	0	\$4.50	\$0	\$13,471
TOTAL/YEAR	5349	752		91,599	15	\$0.123	\$11,326	1,446	0.24	\$6.93	\$10,018	0	\$4.50	\$0	\$21,344

Building Data: 2000

Energy Consumption to BTU Conversions

Gross Area (ft)2	6,593	Electricity = KWH X 3413	BTU's x 1,000
Gross Volume (ft)3	52,744	Natural Gas = MCF X 102,500	312,626
General Notes:		Fuel Oil = Gallons X 138,690	148,164
		Other Fuel	0
		TOTAL BTU's x 1,000	460,790

Energy Utilization Index =

Total BTU Consumption/Yr	460,790,113
Gross Area (ft) 2	6,593
Divided by 100,000 =	0.6989 THERMS

ENERGY COST / SQ. FT. / YEAR	\$3.24
WATER COST TOTAL/YEAR	\$5,587
WATER / SQ. FT. / YEAR	\$0.85
UTILITY COST/YEAR	\$26,932

BUILDING: LRC ASC and Concourse
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	121,000	647	\$0.141	\$17,108	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$17,108
August	10	170	100%	106,170	590	\$0.136	\$14,467	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$14,467
September	48	138	100%	134,515	723	\$0.130	\$17,475	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$17,475
October	347	0	100%	134,515	388	\$0.116	\$15,604	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$15,604
November	595	0	100%	181,550	305	\$0.115	\$20,961	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$20,961
December	740	0	100%	181,550	245	\$0.099	\$17,984	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$17,984
1st half yr	1742	493		859,300	384	\$0.123	\$103,600	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$103,600
January	1182	0	100%	201,410	170	\$0.101	\$20,344	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$20,344
February	966	0	100%	221,920	230	\$0.109	\$24,133	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$24,133
March	674	0	100%	193,400	287	\$0.120	\$23,184	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$23,184
April	548	0	100%	126,960	232	\$0.127	\$16,152	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$16,152
May	224	69	100%	102,860	351	\$0.135	\$13,872	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$13,872
June	13	190	100%	90,670	447	\$0.143	\$12,975	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$12,975
2nd half yr	3607	259		937,220	242	\$0.122	\$110,661	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$110,661
TOTAL/YEAR	5349	752		1,796,520	294	\$0.123	\$214,261	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$214,261

Building Data:	1969	Energy Consumption to BTU Conversions	
Gross Area (ft)2	127,430	Electricity = KWH X 3413	BTU's x 1,000 6,131,523
Gross Volume (ft)3	1,019,440	Natural Gas = MCF X 102,500	0
General Notes:		Fuel Oil = Gallons X 138,690	0
		Other Fuel	0
		TOTAL BTU's x 1,000	6,131,523
		Energy Utilization Index =	
		Total BTU Consumption/Yr	6,131,522,760
		Gross Area (ft) 2	127,430
		Divided by 100,000 =	0.4812 THERMS

ENERGY COST / SQ. FT. / YEAR \$1.68
WATER COST TOTAL/YEAR \$15,619
WATER / SQ. FT. / YEAR \$0.12
UTILITY COST/YEAR \$229,880

BUILDING: Engineering Tech Lab Center
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	6,490	35	\$0.141	\$918	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$918
August	10	170	100%	8,300	46	\$0.136	\$1,131	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,131
September	48	138	100%	29,815	160	\$0.130	\$3,873	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$3,873
October	347	0	100%	29,815	86	\$0.116	\$3,459	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$3,459
November	595	0	100%	75,570	127	\$0.115	\$8,725	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$8,725
December	740	0	100%	75,570	102	\$0.099	\$7,486	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,486
1st half yr	1742	493		225,560	101	\$0.123	\$25,591	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$25,591
January	1182	0	100%	62,490	53	\$0.101	\$6,312	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$6,312
February	986	0	100%	72,040	75	\$0.109	\$7,834	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,834
March	674	0	100%	80,240	119	\$0.120	\$9,619	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$9,619
April	548	0	100%	44,590	81	\$0.127	\$5,673	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$5,673
May	224	69	100%	36,520	125	\$0.135	\$4,925	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$4,925
June	13	190	100%	24,850	122	\$0.143	\$3,556	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$3,556
2nd half yr	3607	259		320,730	83	\$0.122	\$37,919	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$37,919
TOTAL/YEAR	5349	752		546,290	90	\$0.123	\$63,511	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$63,511

Building Data:	1969	Energy Consumption to BTU Conversions			
Gross Area (ft)2	24,812	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	198,496	Natural Gas = MCF X 102,500	0	Total BTU Consumption/Yr 1,864,487,770	
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2 24,812	
		Other Fuel	0	Divided by 100,000 = 0.7514 THERMS	
		TOTAL BTU's x 1,000	1,864,488		

ENERGY COST / SQ. FT. / YEAR \$2.56
 WATER COST TOTAL/YEAR \$3,041
 WATER / SQ. FT. / YEAR \$0.12
 UTILITY COST/YEAR \$66,552

BUILDING: Faculty Annex
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	14,170	76	\$0.141	\$2,003	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$2,003
August	10	170	100%	11,970	67	\$0.136	\$1,631	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,631
September	48	138	100%	15,340	82	\$0.130	\$1,993	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,993
October	347	0	100%	15,340	44	\$0.116	\$1,780	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,780
November	595	0	100%	16,080	27	\$0.115	\$1,857	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,857
December	740	0	100%	16,080	22	\$0.099	\$1,593	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,593
1st half yr	1742	493		88,980	40	\$0.123	\$10,856	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,856
January	1182	0	100%	14,190	12	\$0.101	\$1,433	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,433
February	986	0	100%	15,600	16	\$0.109	\$1,696	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,696
March	674	0	100%	17,410	26	\$0.120	\$2,087	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$2,087
April	548	0	100%	14,400	26	\$0.127	\$1,832	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,832
May	224	69	100%	14,530	50	\$0.135	\$1,960	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,960
June	13	180	100%	12,380	61	\$0.143	\$1,772	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,772
2nd half yr	3607	259		88,510	23	\$0.122	\$10,780	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,780
TOTAL/YEAR	5349	752		177,490	29	\$0.123	\$21,636	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$21,636

Building Data:	1993	Energy Consumption to BTU Conversions			
Gross Area (ft)2	8,895	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	71,160	Natural Gas = MCF X 102,500	605,773	<div> <div>Total BTU Consumption/Yr</div> <div>Gross Area (ft) 2</div> </div>	
General Notes:		Fuel Oil = Gallons X 138,690	0	<div> <div>605,773,370</div> <div>8,895</div> </div>	
		Other Fuel	0	<div> <div>Divided by 100,000 =</div> <div>0.6810</div> </div>	
		TOTAL BTU's x 1,000	605,773	THERMS	

ENERGY COST / SQ. FT. / YEAR \$2.43
WATER COST TOTAL/YEAR \$1,090
WATER / SQ. FT. / YEAR \$0.12
UTILITY COST/YEAR \$22,727

BUILDING: Non-Academic Services Center
 FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	145,958	781	\$0.141	\$20,637	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$20,637
August	10	170	100%	129,549	720	\$0.136	\$17,653	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$17,653
September	48	138	100%	129,420	696	\$0.130	\$16,813	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$16,813
October	347	0	100%	88,957	256	\$0.116	\$10,319	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,319
November	595	0	100%	29,564	50	\$0.115	\$3,413	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$3,413
December	740	0	100%	35,136	47	\$0.099	\$3,480	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$3,480
1st half yr	1742	493		558,583	250	\$0.123	\$72,317	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$72,317
January	1182	0	100%	39,672	34	\$0.101	\$4,007	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$4,007
February	966	0	100%	43,514	45	\$0.109	\$4,732	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$4,732
March	674	0	100%	34,679	51	\$0.120	\$4,157	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$4,157
April	548	0	100%	51,590	94	\$0.127	\$6,563	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$6,563
May	224	69	100%	108,791	371	\$0.135	\$14,672	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$14,672
June	13	190	100%	108,791	536	\$0.143	\$15,569	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$15,569
2nd half yr	3607	259		387,038	100	\$0.122	\$49,700	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$49,700
TOTAL/YEAR	5349	752		945,622	155	\$0.123	\$122,017	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$122,017

Building Data:	1969	Energy Consumption to BTU Conversions			
Gross Area (ft)2	14,881	Electricity = KWH X 3413	BTU's x 1,000	Energy Utilization Index =	
Gross Volume (ft)3	119,048	Natural Gas = MCF X 102,500	0	Total BTU Consumption/Yr	3,227,407
General Notes:		Fuel Oil = Gallons X 138,690	0	Gross Area (ft) 2	14,881
		Other Fuel	0	Divided by 100,000 =	2.1688 THERMS
		TOTAL BTU's x 1,000	3,227,407		

ENERGY COST / SQ. FT. / YEAR \$8.20
 WATER COST TOTAL/YEAR \$10,055
 WATER / SQ. FT. / YEAR \$0.68
 UTILITY COST/YEAR \$132,072

BUILDING: Scott Park Student Center
FY YEAR: 2016

DATE: 11/28/16

MONTH	DEGREE DAYS (DD)		ELECTRICITY					NATURAL GAS				FUEL OIL			TOTAL ENERGY COST
	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	
July	2	185	100%	60,230	322	\$0.141	\$8,516	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$8,516
August	10	170	100%	44,100	245	\$0.136	\$6,009	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$6,009
September	48	138	100%	61,455	330	\$0.130	\$7,984	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,984
October	347	0	100%	61,455	177	\$0.116	\$7,129	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,129
November	595	0	100%	94,895	159	\$0.115	\$10,956	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,956
December	740	0	100%	94,895	128	\$0.099	\$9,400	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$9,400
1st half yr	1742	493		417,030	187	\$0.123	\$49,994	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$49,994
January	1182	0	100%	78,640	67	\$0.101	\$7,943	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,943
February	966	0	100%	88,660	92	\$0.109	\$9,642	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$9,642
March	674	0	100%	85,850	127	\$0.120	\$10,291	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,291
April	548	0	100%	59,270	108	\$0.127	\$7,540	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,540
May	224	69	100%	56,430	193	\$0.135	\$7,610	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,610
June	13	190	100%	46,620	230	\$0.143	\$6,672	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$6,672
2nd half yr	3607	259		415,470	107	\$0.122	\$49,699	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$49,699
TOTAL/YEAR	5349	752		832,500	136	\$0.123	\$99,693	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$99,693

Building Data:	1974	Energy Consumption to BTU Conversions		
Gross Area (ft)2	30,601	Electricity = KWH X 3413	BTU's x 1,000	
Gross Volume (ft)3	244,808	Natural Gas = MCF X 102,500	2,841,323	
General Notes:		Fuel Oil = Gallons X 138,690	0	Energy Utilization Index =
		Other Fuel	0	
		TOTAL BTU's x 1,000	2,841,323	
				Total BTU Consumption/Yr 2,841,322,500
				Gross Area (ft) 2 30,601
				Divided by 100,000 = 0.9285 THERMS

ENERGY COST / SQ. FT. / YEAR \$3.26
WATER COST TOTAL/YEAR \$4,029
WATER / SQ. FT. / YEAR \$0.13
UTILITY COST/YEAR \$103,722